PEWETA

display
measure
distribute
record
TIME

Catalogue 2026

As of January 1, 2026

Here you will find

Analog clocks · digital clocks
clocks resistant to thrown balls
training clocks/pace clocks · clocks for clean rooms
and surgical operating theatres
LED digital displays · LED World Time Clocks
master clocks · boosters · NTP time servers
game result displays

Table of Contents

Here you will find what you are looking for.

Table of Contents

Quartz and radio controlled clocks for indoors, up to 400 mm diameter
Type series 106 to 190 **3–11**

- ☐ LCD digital clocks 4–5
- ☐ analog wall clocks 6–11
- ☐ with temperature and humidity display 4, 9
- ☐ with date display 4, 10

Analog clocks for indoors, up to 400 mm diameter
Type series 210 to 282 **12–31**

- **Wall clocks, "representative" type 13–17**
- ☐ with case and face made from wood 13
- ☐ with silver anodised face 14–17
- **Wall clocks, "standard" type 18–31**
- ☐ round, single-sided 18–23
- ☐ round, double-sided 24–25
- ☐ square, single-sided 26–27
- ☐ square, double-sided 30–31

Analog clocks for indoors, 400 .. 600 mm diameter
Type series 330 to 395 **32–49**

- ☐ round, single-sided 33, 36–50
- ☐ resistant to thrown balls (acc. to DIN) 36–37
- ☐ round, double-sided 34–35, 38–37
- ☐ square, single-sided, in-wall mounting 40–41
- ☐ square, single-sided, on-wall mounting 42–43
- ☐ resistant to thrown balls (acc. to DIN) 40–43
- ☐ square, double-sided 44–45
- ☐ clock cubes with four-sided 46–49

Special clocks
Type series 420 to 431 **50–57**

- **Wall clocks, waterproof/dust proof (IP 64) 51**
- **Wall clocks f. relaxation rooms and saunas 52–53**
- **Training clocks/pace clocks 54–57**

Clocks for clean rooms and surgical operating theatres
Type series 460 to 498 **58–66**

- ☐ round, analog 58–59
- ☐ square, analog 60–61
- ☐ square, analog and digital 62–63
- ☐ digital, single and double-sided 64–65
- ☐ remote control unit for stopwatch mode 66

Digital clocks for indoors
Type series 510 to 548 **67–90**

- ☐ time display 68–71
- ☐ time and date display 72–83
- ☐ World Time Clocks 84–85
- ☐ ultimatum displays 86–87
- ☐ modules for mounting in 19" racks 88–89
- ☐ remote control unit for stopwatch mode 90

LED digital displays for indoors
Type series 620 to 676 **91–102**

- ☐ time and date display with stopwatch mode 92–95
- ☐ LED game result displays/scoreboard 96–102

Analog clocks for outdoors, 400 .. 900 mm diameter
Type series 730 to 790 **103–119**

- ☐ round, not backlighted 104–107
- ☐ resistant to thrown balls (acc. to DIN) 104–105
- ☐ round, with LED backlighting 108–111
- ☐ square, with LED backlighting 112–115
- ☐ training clock/pace clock, with LED backlighting 116–117
- ☐ clock cubes with four-sided, with backlighting 118–119

LED digital displays for outdoors
Type series 820 to 840 **120–127**

- ☐ alternating time and temperature display 120–123
- ☐ soccer score display boards 124–125
- ☐ LED Swimming Pool Displays 126–127

Control units
Type series 921 to 960 **128–137**

- **Master clocks 130–133**
- ☐ for wall mounting 130–131
- ☐ for mounting in 19" racks 132–133
- **DCF77 and GPS receiving aerial 131, 133**
- **Booster amplifier 134**
- **AirPort24 transmitter and repeater 135**
- **DCF77-controlled mini master clock 136**
- **NTP Time Server 137**

Technical information, "Good to know the details"

- ☐ Wiring diagram for PEWETA type series 921 Master Clocks 129
- ☐ DCF77 propagation range 138
- ☐ General Terms and Conditions of Sale, prices, freight and handling 139

Favourites from page(s)

- ☐ Standard indoor clocks, single-sided 18
- ☐ Clocks for mounting to media pillars 20
- ☐ Indoor clocks resistant to thrown balls 36
- ☐ Training clocks/pace clocks 54 and 116
- ☐ Clocks for surgical operating theatres 58
- ☐ Digital clocks 68
- ☐ Game result displays/scoreboards 96
- ☐ Outdoor clocks 104
- ☐ Master clocks/Signalling master clocks 128

Easy access

In the PDF version of this catalogue, the page numbers on this page and in all cross references throughout the catalogue are linked up to the pages that they point to.

Simply click on this symbol at the bottom of each page to return to the Table of contents

Quartz and Radio Controlled Clocks

analog · digital · single-sided

Sensible, matter-of-fact clocks in an attractive, up-to-date design. In the office or the shop, the surgery or the lab, the reception area or the cafeteria, the conference room or the lounge – in all those places these clocks earn the term »outstandingly suitable«.

DCF77 Radio Controlled Wall Clock

showing time, date, temperature, and humidity

Indoor
digital
single-sided

Type series
106

Time, date, temperature – everything at a single glance. And the price is right, too.

Case

■ Attractive, metallic silver coloured plastic case.
Protection grade IP 40 (EN 60 529).

LCD digital display

Extra large numerals provide for optimum readability of hours, minutes, and seconds, as well as date, abbreviated day of week (8 languages), indoor temperature, and humidity.
Manual time zone selection.
1.5 V battery operation.

DCF77

DCF77 radio controlled clock with fully automatic adjustment of time and date at initial operation as well as fully automatic change-over of summer/winter time.

51.**106**.093 shown

Technical data		
Case	colour	metallic silver
	material	plastic
	dimensions (W x H x D)	cir. 410 x 270 x 43 mm
Display	cipher height hour/minute	cir. 110 mm
	cipher height date, seconds, temperature	cir. 35 mm
	abbreviated day of week	cir. 35 mm
	reading distance (hour/minute) up to	cir. 20 m
Weight		cir. 1.3 kg
Batteries	not included	3 x 1.5 V (baby/LR14)

Type	Item No.	€ each
DCF77 radio controlled clock, battery operated 1.5 V	51.**106**.093	**159.–**

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

DCF77 Radio Controlled Wall Clock

Case for wall mounting or for setting up

Digital clocks with a razor-sharp, high contrast LCD display for excellent readability.

Case

■ Elegant, metallic silver grey plastic case. Suitable for wall mounting or for setting up on a table (fold-out stand).

LCD display

Large 7 segment ciphers displaying hours, minutes and seconds.
1.5 V operating voltage supplied by 3 AAA type batteries (not included).

DCF77

DCF77 radio controlled clock with fully automatic setup at initial start-up as well as fully automatic change-over to summer/winter time.

51.**110**.993 shown

Technical data		
Case	colour	metallic silver grey
	material	plastic
	dimensions (W x H x D)	cir. 418 x 203 x 30 mm
Display	cipher height hour/minute	cir. 105 mm
	cipher height second	cir. 45 mm
	reading distance	cir. 25 m
Weight		cir. 0.8 kg
Batteries	not included	3 x 1,5 V (AAA)

Clock type	Case colour	Item No.	€ each
DCF77 radio controlled clock, battery operated 1.5 V	silver	51.**110**.993	**115.–**

Indoor
digital
single face

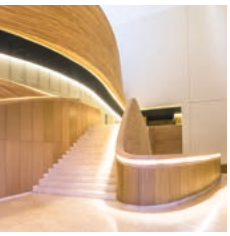
Type series
110

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Wall Clocks

with Quartz or radio controlled movement



Indoor
analog
single-sided

Type series
130

Sensible, matter-of-fact wall clocks in an attractive design. And the price is right, too.

Case
- cir. 250 mm diameter
- cir. 300 mm diameter

plastic case, choice of white, black or matt silver.
Protection grade IP 40 (EN 60 529).

Front glass
Flat mineral glass.

Face
White face with black Arabic numerals or black DIN bar markings.

Hands
Black bar-type hour and minute hands, red second hand.

51.**130**.322 shown

Type	Case diameter	Face print	Colour	Item No.	€ each
Quartz clock, soundless, battery operated 1.5 V	250 mm	numerals	white	44.**130**.211	**39.–**
		numerals	black	44.**130**.212	**39.–**
		numerals	silver	44.**130**.213	**39.–**
DCF77 radio controlled clock, battery operated 1.5 V	250 mm	numerals	white	51.**130**.211	**49.–**
		numerals	black	51.**130**.212	**49.–**
		numerals	silver	51.**130**.213	**49.–**
Quartz clock, soundless, battery operated 1.5 V	300 mm	numerals	white	44.**130**.311	**49.–**
		numerals	black	44.**130**.312	**49.–**
		numerals	silver	44.**130**.313	**49.–**
		DIN bars	black	44.**130**.322	**49.–**
DCF77 radio controlled clock, battery operated 1.5 V	300 mm	numerals	white	51.**130**.311	**59.–**
		numerals	black	51.**130**.312	**59.–**
		numerals	silver	51.**130**.313	**59.–**
		DIN bars	black	51.**130**.322	**59.–**

Quartz type
- creeping second hand
- soundless clockwork

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures.

51.**130**.311

51.**130**.312

51.**130**.313

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

DCF77 Radio Controlled Wall Clocks
with creeping second hand, soundless

Large, state-of-the-art DCF77 radio controlled wall clocks in an attractive design.
Soundless clockwork.
No ticking.

Case
- cir. 350 mm diameter

plastic case, choice of white, black or matt silver.
Protection grade IP 40 (EN 60 529).

Front glass
Flat mineral glass.

Face
White face with black numerals or black DIN bar markings.

Hands
Black bar-type hour and minute hands, red second hand with creeping motion.

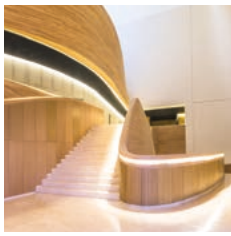
55.**131**.313 shown

Type	Face print	Case colour	Item No.	€ each
DCF77 radio controlled clock, soundless, battery operated 1.5 V	numerals	white	55.**131**.311	**75.–**
	numerals	matt silver	55.**131**.313	**75.–**
	DIN bars	black	55.**131**.322	**75.–**

All types
- creeping second hand
- soundless clockwork

55.**131**.311

55.**131**.322



Indoor
analog
single-sided

Type series
131

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Wall Clocks

with “Railway Station Clock“ style second hand

Indoor
analog
single-sided

Type series
150

Attractive wall clock in a classy aluminium case with a distinctive “Railway Station Clock” style second hand.

Case
- cir. 300 mm diameter

metal case, aluminium, matt brushed. Protection grade IP 40 (EN 60 529).

Front glass
Flat mineral glass.

Face
Typical “Railway Station Clock” style face with black DIN bar markings.

Hands
Black bar-type hour and minute hands, typical “Railway Station Clock” style second hand with “eye”.

51.**150**.325 shown

Type	Item No.	€ each
Quartz clock, soundless, battery operated 1.5 V	44.**150**.325	**63.–**
DCF77 radio controlled clock, battery operated 1.5 V	51.**150**.325	**79.–**

Quartz type
- creeping second hand
- soundless clockwork

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

DCF77 Radio Controlled Wall Clock

with insert displays indicating temperature and humidity

Sensible wall clock in an attractive design – indications of temperature and humidity included!

Case
- cir. 300 mm diameter

metal case, aluminium, matt brushed. Protection grade IP 40 (EN 60 529).

Front glass
Flat mineral glass.

Face
White face with black Arabic numerals, LCD display for weather trend, temperature, and humidity.

Hands
Black bar-type hour and minute hands, red second hand.

51.**161**.315 shown

Type	Item No.	€ each
DCF77 radio controlled clock, battery operated 1.5 V	51.**161**.315	**75.–**

Indoor
analog
single-sided

Type series
161

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures.

DCF77 Radio Controlled Wall Clocks
with LCD date display

Indoor
analog
single-sided

Type series
170

Highly functional wall clocks in an attractive design – outstandingly suited for environments where date and time must be instantly readable free of doubt.

Case
■ cir. 300 mm diameter plastic case, choice of black or matt silver.
Protection grade IP 40 (EN 60529).

Front glass
Domed clear plastic.

Face
White with black Arabic numerals, very easy-to-read LCD display showing abbreviated day of week (in German only), month and day.

Hands
Black bar-type hour and minute hands, red second hand.

51.**170**.313 shown

Type	Colour	Item No.	€ each
DCF77 radio controlled clock, battery operated 1.5 V	black	51.**170**.312	**64.–**
	silver	51.**170**.313	**69.–**

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures.

51.**170**.312

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

DCF77 Radio Controlled Wall Clocks
with very sturdy metal case

Attractive, radio controlled wall clocks in an up-to-date design. One look tells you the time, accurate to the second.

Case
- cir. 200 mm diameter
- cir. 300 mm diameter
- cir. 400 mm diameter

metal case, aluminium, matt brushed. Protection grade IP 40 (EN 60 529).

Front glass
Flat mineral glass.

Face
White face with black Arabic numerals.

Hands
Black bar-type hour and minute hands, red second hand.

51.**190**.205 shown

Type	Case diameter	Item No.	€ each
DCF77 radio controlled clock, battery operated 1.5 V	200 mm	51.**190**.205	**59.–**
	300 mm	51.**190**.305	**79.–**
	400 mm	51.**190**.405	**105.–**

Indoor
analog
single face

Type series
190

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Indoor Clocks

analog · single and double-sides

Demanding environments require high quality clocks, instantly readable from any direction and clear enough to avoid error or doubt even at long distances.

That's all the time you need ...

Wall Clocks

Case and face made from wood

Modern, up-to-date wall clocks. The natural wood design fits into almost any environment.

Case
- cir. 313 mm diameter

Housing ring made from wood.
Protection grade IP 40 (EN 60 529).

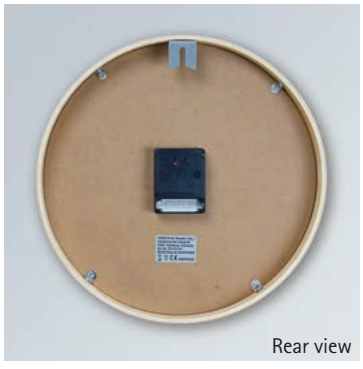
Front glass
Flat mineral glass with printed-on arabic numerals or bar markings.

Face
Face made from wood with printed wood design.

Hands
Black bar-type hour and minute hands, red second hand.
No second hand on minute pulse 12..60 V controlled slave clocks.

Fed up with plastic?
- No plastic was used in the manufacture of this product (exception: clock mechanism).
- Case and face consist of wood, the inner spacer ring is made of cork.
- The front glass is made of mineral glass.
- Hand, attachments and wall hook are made of metal.
- This clock is modern and natural at the same time.

81.**210**.321


Rear view

51.**210**.311 shown

Clock type	Item No.	€ each
DCF77 radio controlled clock, battery operated 1.5 V	51.**210**.	189.–
DCF77 radio controlled clock, mains operated 230 V AC, with outage reserve	52.**210**.	280.–
Slave clock, minute pulse 12...60 V	71.**210**.	149.–
Telegram slave clock, *DCFport24*	81.**210**.	191.–
NTP system clock (NTP client), synchronisation by LAN, PoE[1)]	91.**210**.	348.–
Face print	▲	
Arabic numerals	311	
bar markings	321	

[1)] NTP slave clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer..

Power outage reserve
DCF77 radio controlled clocks with a 230 V power supply of this type series provide continued operation for approx. 14 days in case of a mains power outage.

FSC Certificate
FSC® stands for „Forest Stewardship Council®", an international certification system for sustainable forestry. Wood with the FSC seal comes from forests managed responsibly.
The wood used in this clock is certified as Chain-of-Custody (CoC), FSC 100%, FSC Mix.

Indoor
analog
single face

Type series
210

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures.

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Wall Clocks
with printed bar markings

Indoor
analog
single-sided

Type series
230

Distinctive clocks with high-contrast faces – black bar markings on silver anodised aluminium faces.

Case
■ cir. 300 mm diameter metal case, enamelled black (RAL 9005), optionally stainless steel case (1.4301 X5CrNi 18-10, German trade name V2A) in a matted finish or metal case enamelled in colours (see list below).
Protection grade IP 40 (EN 60 529).

Front glass
Domed mineral glass as standard, shock-resistant Plexiglas® XT as an option.

Packaging (Option)
As an option, clockwork packaged to protect it against blown dust and/or sprayed water (IP 54 according to EN 60 529) is available.

Face
Metal face, enamelled silver anodised aluminium with a radial brush finish, high contrast black bar type markings.

Hands
Black bar-type hour and minute hands, black second hand.
No second hand on minute pulse 12... 60 V controlled slave clocks.

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures. For this case we recommend a remotable DCF77 aerial (option).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

Power outage reserve
DCF77 radio controlled clocks and *AirPort24* slave clocks with a 230 V AC power supply of this type series provide continued operation for approx. 14 days in case of a mains power outage.

41.**230**.341 **-20**

41.**230**.341 shown

Clock type	Item No.	€ each
Quartz clock, battery operated 1.5 V	41.**230**.341	**246.–**
DCF77 radio controlled clock, battery operated 1.5 V	51.**230**.341	**302.–**
DCF77 radio controlled clock, mains operated 230 V AC, with outage reserve	52.**230**.341	**393.–**
Slave clock, minute pulse 12...60 V	71.**230**.341	**261.–**
Slave clock, minute/second pulse 12/24 V	72.**230**.341	**512.–**
Telegram slave clock, *DCFport24*	81.**230**.341	**303.–**
RC telegram slave clock, *AirPort24*, battery operated 1.5 V	84.**230**.341	**446.–**
RC telegram slave clock, *AirPort24*, mains operated 230 V AC, with outage reserve	85.**230**.341	**511.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [1)]	91.**230**.341	**460.–**

Options	Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	**-05**	**none**
Case enamelled in metallic dark gun metal DB 703	**-06**	**none**
Case custom enamelled	**-10**	**on request**
Case stainless steel V2A, matted finish	**-20**	**110.–**
Low reflectivity front glass	**-50**	**on request**
Shock-resistant Plexiglas® XT (instead of mineral glass)	**-53**	**59.–**
Packaging against dust and spray (IP 54)	**-54**	**69.–**
External DCF77 receiving aerial (cannot be added later)	**-60**	**174.–**

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
jet black RAL 9005	**-01**
metallic silver grey RAL 9006	**-05**
dark gun metal DB 703	**-06**
? custom enamelled	**-10**

[1)] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Wall Clocks
with elevated bar markings

A wall clock of marked exclusivity – distinctive prominent bar markings lend an individual and unmistakable appearance to this clock. The domed front glass may be removed at the customer´s discretion to bring the prominent face structure to even better view.

Case
■ cir. 400 mm diameter metal case, enamelled black (RAL 9005), optionally stainless steel case (1.4301 X5CrNi 18-10, German trade name V2A) in a matted finish or metal case enamelled in colours (see list below).
Protection grade IP 40 (EN 60 529).

Front glass
Domed shock-resistant Plexiglas® XT, may be removed at customer's discretion (resulting protection grade IP 30).

Face
Metal, silver anodised with radial brush finish, prominent black bar-type markings, elevated.

Hands
Black bar-type hour and minute hands, black second hand.

No second hand on minute pulse 12... 60 V controlled slave clocks.

91.**232**.441 shown

Clock type	Item No.	€ each
Quartz clock, battery operated 1.5 V	41.**232**.441	**414.–**
DCF77 radio controlled clock, battery operated 1.5 V	51.**232**.441	**481.–**
DCF77 radio controlled clock, mains operated 230 V AC, with outage reserve	52.**232**.441	**572.–**
Slave clock, minute pulse 12...60 V	71.**232**.441	**419.–**
Slave clock, minute/second pulse 12/24 V	72.**232**.441	**670.–**
Telegram slave clock, *DCFport24*	81.**232**.441	**461.–**
RC telegram slave clock, *AirPort24*, battery operated 1.5 V	84.**232**.441	**604.–**
RC telegram slave clock, *AirPort24*, mains operated 230 V AC, with outage reserve	85.**232**.441	**669.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [1]	91.**232**.441	**618.–**

Options	Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	**-05**	**none**
Case enamelled in metallic dark gun metal DB 703	**-06**	**none**
Case custom enamelled	**-10**	**on request**
Case stainless steel V2A, matted finish	**-20**	**150.–**
Low reflectivity front glass	**-50**	**on request**
External DCF77 receiving aerial (cannot be added later)	**-60**	**174.–**

Gangreserve
Funkuhren DCF77 und Nebenuhren *AirPort24* mit Netzbetrieb 230 V dieser Typreihe werden mit integrierter Gangreserve geliefert, Weiterbetrieb bei Stromausfall ca. 14 Tage.

41.**232**.441 **-20**

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
jet black RAL 9005	**-01**
metallic silver grey RAL 9006	**-05**
dark gun metal DB 703	**-06**
custom enamelled	**-10**

[1] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

Indoor
analog
single-sided

Type series
232

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures. For this case we recommend a remotable DCF77 aerial (option).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Wall Clocks
with silver anodized face

Indoor
analog
single-sided

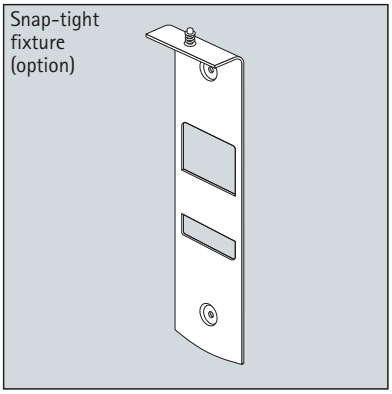
Type series
240

81.**240**.311 shown

81.**240**.331

81.**240**.331 **-20**

Sophisticated clocks for demanding environments – a professional means of showing the time.



This Snap-tight fixture (option **-57**) prevents the clock from dropping or being wrenched off. Screw fixture to the wall, attach clock – done! No protection against thrown balls.

Power outage reserve
DCF77 radio controlled clocks and *AirPort24* slave clocks with a 230 VAC power supply of this type series provide continued operation for approx. 14 days in case of a mains power outage.

Stainless steel V2A (option)
Due to its components stainless steel V2A is an alloy almost completely impervious to detergents and disinfectants and is therefore excellently suited for the use in the food and pharmaceutical industries, in kitchens, laboratories and other clean rooms. And it looks good into the bargain, as well!

Protection grade IP54 (option)
The IP protection grade defines the product's grade of protection against contact, foreign solid objects, and water.

The **first digit** indicates the degree of protection against solid foreign objects and contact:
5 = harmful amounts of dust deposits (Dust deposits are acceptable, but may not impede the product's function).

The **second digit** indicates the degree of protection against liquids and water respectively:
4 = Protection against water sprayed from all directions..

Case
- cir. 300 mm diameter
- cir. 400 mm diameter

very sturdy metal case, as standard enamelled charcoal-metallic (dark gun metal, DB 703) or, as an option, enamelled in colours (see list below).
As an option, a stainless steel case (1.4301 X5CrNi 18-10, German trade name V2A) is available in a matted finish.
Protection grade IP 40 (EN 60 529).

Snap-tight fixture (option)
As an option, these clocks are available with an additional mounting fixture to prohibit dropping or wrenching off. No protection against thrown balls.

Front glass
Domed mineral glass on 300 mm cases, shock-resistant Plexiglas® XT on 400 mm cases. As an option, low reflectivity front glass is available.

Packaging (option)
As an option, clockwork packaged to protect it against blown dust and/or sprayed water (IP 54 according to EN 60 529) is available.

Face
Silver anodised with radial brush finish, black Arabic numerals or black fine-line markings for easy, doubt-free reading even over longer distances. Face printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands, black second hand.
No second hand on minute pulse 12...60 V controlled slave clocks.

Indoor
analog
single-sided

Type series
240

Clock type	300 mm Item No.	€ each	400 mm Item No.	€ each
Quartz clock, battery operated 1.5 V	41.240.	226.–	41.240.	322.–
DCF77 radio controlled clock, battery operated 1.5 V	51.240.	282.–	51.240.	389.–
DCF77 radio controlled clock, mains operated 230 V AC, with outage reserve	52.240.	373.–	52.240.	480.–
Slave clock, minute pulse 12...60 V	71.240.	241.–	71.240.	327.–
Slave clock, minute/second pulse 12/24 V	72.240.	492.–	72.240.	578.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion	73.240.	615.–	73.240.	701.–
Telegram slave clock, *DCFport24*	81.240.	283.–	81.240.	369.–
RC telegram slave clock, *AirPort24*, battery operated 1.5 V	84.240.	426.–	84.240.	512.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC, with outage reserve	85.240.	491.–	85.240.	577.–
NTP system clock (NTP client), synch. by LAN, PoE [1]	91.240.	440.–	91.240.	526.–
Face print	▲		▲	
Arabic numerals	311		411	
Fine-line markings	331		431	

Options	300 mm Suffix	Surcharge € each	400 mm Suffix	Surcharge € each
Case enamelled in jet black RAL 9005	-01	none	-01	none
Case enamelled in metallic silver grey RAL 9006	-05	none	-05	none
Case custom enamelled	-10	on request	-10	on request
Case stainless steel V2A, matted finish	-20	110.–	-20	150.–
Low reflectivity front glass	-50	on request	-50	on request
Shock-resistant Plexiglas® XT (instead of mineral glass)	-53	59.–		fitted as standard
Packaging against dust and spray (IP 54)	-54	69.–	-54	69.–
Snap-tight mounting fixture	-57	49.–	-57	49.–
External DCF77 receiving aerial (cannot be added later)	-60	174.–	-60	174.–

Case colour	Suffix
jet black RAL 9005	-01
metallic silver grey RAL 9006	-05
custom enamelled	-10
stainless steel V2A	-20

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures. For this case we recommend a remotable DCF77 aerial (option).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Indoor Clocks
single-sided

Indoor
analog
single-sided

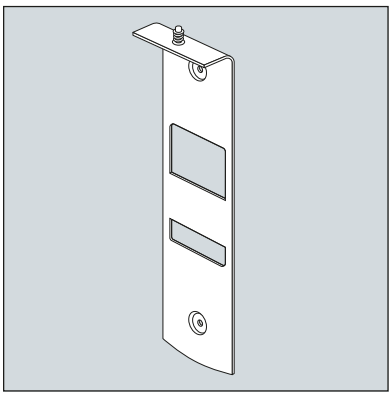
Type series
250

81.**250**.311 shown

71.**250**.321

51.**250**.331

Highly presentable clocks for demanding environments – a professional means of showing the time.



This Snap-tight fixture (option -57) prevents the clock from dropping or being wrenched off. Screw fixture to the wall, attach clock – done! No protection against thrown balls.

Optionally available with case enamelled in colours

Power outage reserve
DCF77 radio controlled clocks and *AirPort24* slave clocks with a 230 VAC power supply of this type series provide continued operation for approx. 14 days in case of a mains power outage.

Stainless steel V2A (option)
Due to its components stainless steel V2A is an alloy almost completely impervious to detergents and disinfectants and is therefore excellently suited for the use in the food and pharmaceutical industries, in kitchens, laboratories and other clean rooms. And it looks good into the bargain, as well!

Protection grade IP54 (option)
The IP protection grade defines the product's grade of protection against contact, foreign solid objects, and water.

The **first digit** indicates the degree of protection against solid foreign objects and contact:
5 = harmful amounts of dust deposits (Dust deposits are acceptable, but may not impede the product's function).

The **second digit** indicates the degree of protection against liquids and water respectively:
4 = Protection against water sprayed from all directions..

Case
- cir. 300 mm diameter
- cir. 400 mm diameter

very sturdy metal case, as standard enamelled metallic silver grey (RAL 9006) or, as an option, enamelled in colours (see list below).
As an option, a stainless steel case (1.4301 X5CrNi 18-10, German trade name V2A) is available in a matted finish.
Protection grade IP 40 (EN 60 529).

Snap-tight fixture (option)
As an option, these clocks are available with an additional mounting fixture to prohibit dropping or wrenching off. No protection against thrown balls.

Front glass
Domed mineral glass on 300 mm case, shock-resistant Plexiglas® XT on 400 mm case as standard. As an option, low reflectivity front glass is available.

Packaging (option)
As an option, clockwork packaged to protect it against blown dust and/or sprayed water (IP 54 according to EN 60 529) is available.

Face
High distinction white metal with black Arabic numerals, black DIN bar markings or black fine-line markings for easy, doubt-free reading even over longer distances.
Face printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands, red second hand.
No second hand on minute pulse 12...60 V controlled slave clocks.

Indoor
analog
single-sided

Type series
250

Clock type ▶ face diameter	300 mm Item No.	€ each	400 mm Item No.	€ each
Quartz clock, battery operated 1.5 V	41.250.	195.–	41.250.	291.–
DCF77 radio controlled clock, battery operated 1.5 V	51.250.	251.–	51.250.	358.–
DCF77 radio controlled clock, mains operated 230 V AC, with outage reserve	52.250.	342.–	52.250.	449.–
Slave clock, minute pulse 12...60 V	71.250.	210.–	71.250.	296.–
Slave clock, minute/second pulse 12/24 V	72.250.	461.–	72.250.	547.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion	73.250.	584.–	73.250.	670.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.250.	630.–	74.250.	716.–
Slave clock, second pulse 12/24 V, with creeping minute hand	75.250.	605.–	75.250.	691.–
Telegram slave clock, *DCFport24*	81.250.	252.–	81.250.	338.–
RC telegram slave clock, *AirPort24*, battery operated 1.5 V	84.250.	395.–	84.250.	481.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC, with outage reserve	85.250.	460.–	85.250.	546.–
NTP system clock (NTP client), synchronisation by LAN, PoE [1]	91.250.	409.–	91.250.	495.–
Face print	▲		▲	
Arabic numerals	311		411	
DIN bar markings	321		421	
Fine-line markings	331		431	

Options	300 mm Suffix	Surcharge € each	400 mm Suffix	Surcharge € each
Case enamelled in traffic white RAL 9016	-00	none	-00	none
Case enamelled in jet black RAL 9005	-01	none	-01	none
Case enamelled in metallic dark gun metal DB 703	-06	none	-06	none
Case custom enamelled	-10	on request	-10	on request
Case stainless steel V2A, matted finish	-20	110.–	-20	150.–
Low reflectivity front glass	-50	on request	-50	on request
Shock-resistant Plexiglas® XT (instead of mineral glass)	-53	59.–		fitted as standard
Packaging against dust and spray (IP 54)	-54	69.–	-54	69.–
Snap-tight mounting fixture	-57	49.–	-57	49.–
External DCF77 receiving aerial (cannot be added later)	-60	174.–	-60	174.–

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
traffic white RAL 9016	-00
jet black RAL 9005	-01
dark gun metal DB 703	-06
custom enamelled	-10
stainless steel V2A	-20

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures. For this case we recommend a remotable DCF77 aerial (option).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Indoor Clocks
single-sided

Indoor
analog
single-sided

Type series
270

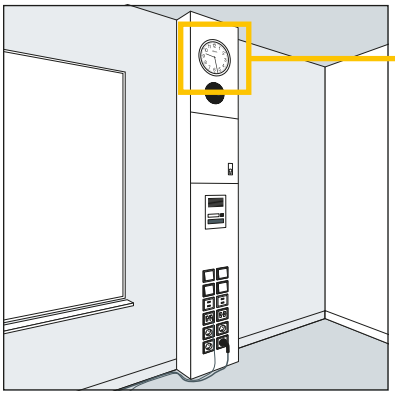
81.**270**.311 shown

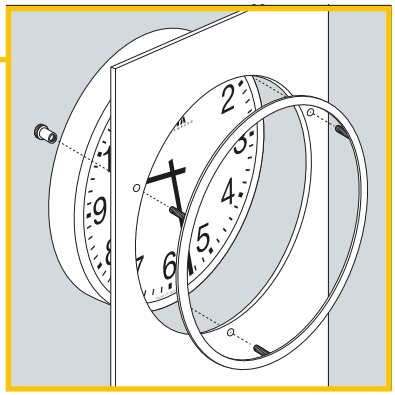
71.**270**.321

51.**270**.331

Wall clocks with shock-resistant **plastic cases**. State-of-the-art, up-to-date, functional – totally reliable!

Power outage reserve
DCF77 radio controlled clocks and *AirPort24* slave clocks with a 230 VAC power supply of this type series provide continued operation for approx. 14 days in case of a mains power outage.


Media pillar fitted with a type series 270 wall clock


Installation inside a media pillar by means of a front ring (extra)

Case
- cir. 265 mm diameter
- cir. 315 mm diameter
- cir. 415 mm diameter

shock-resistant Plexiglas® XT case with a matted rim.
Protection grade IP 40 (EN 60 529).

Mounting in media pillars
For the installation of clocks of this type series with a case diameter of 265 mm in media pillars, we offer customised metal front rings as an extra.
Mounting material included in delivery shipment. Please ask for a dimensional drawing if required.

Front glass
Shock-resistant Plexiglas® XT for outstandingly clear visibility.

Face
High distinction white metal with black Arabic numerals, black DIN bar markings or black fine-line markings for easy, doubt-free reading even over longer distances. Face printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands, red second hand.
No second hand on minute pulse 12...60 V controlled slave clocks.

Indoor
analog
single-sided

Type series
270

Clock type (face diameter ▶)	250 mm Item No.	€ each	300 mm Item No.	€ each	400 mm Item No.	€ each
Quartz clock, battery operated 1.5 V	41.270.	133.–	41.270.	138,–	41.270.	184,–
DCF77 radio controlled clock, battery operated 1.5 V	51.270.	189.–	51.270.	194,–	51.270.	250,–
DCF77 radio controlled clock, mains operated 230 V AC, with outage reserve	52.270.	280.–	52.270.	285,–	52.270.	341,–
Slave clock, minute pulse 12...60 V	71.270.	148.–	71.270.	153,–	71.270.	189,–
Slave clock, minute/second pulse 12/24 V	72.270.	399.–	72.270.	404,–	72.270.	440,–
Slave clock, minute/second pulse 12/24 V, extra low noise motion	73.270.	522.–	73.270.	527,–	73.270.	563,–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.270.	568.–	74.270.	573,–	74.270.	609,–
Slave clock, second pulse 12/24 V, with creeping minute hand	75.270.	543.–	75.270.	548,–	75.270.	584,–
Telegram slave clock, *DCFport24*	81.270.	190.–	81.270.	195,–	81.270.	231,–
RC telegram slave clock, *AirPort24*, battery operated 1.5 V	84.270.	333.–	84.270.	338,–	84.270.	374,–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC, with outage reserve	85.270.	398.–	85.270.	403,–	85.270.	439,–
NTP system clock (NTP client), synchronisation by LAN, PoE [1]	91.270.	347.–	91.270.	352,–	91.270.	388,–
Face print	▲		▲		▲	
Arabic numerals	211		311		411	
DIN bar markings	221		321		421	
Fine-line markings	231		331		431	

Option	250 mm Suffix	Surcharge € each	300 mm Suffix	Surcharge € each	400 mm Suffix	Surcharge € each
External DCF77 receiving aerial (cannot be added later)	-60	174.–	-60	174.–	-60	174.–

Extras	250 mm Item No.	€ each
Front ring, 288 mm diameter, for fitting clocks of this type series with a case diameter of 265 mm to **media pillars made of 1.5 mm steel panels** [2]	01.270.200	50.–
Front ring, 288 mm diameter, for fitting clocks of this type series with a case diameter of 265 mm to **media pillars made of 19 mm wood panels** [2]	01.270.220	50.–

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures. For this case we recommend a remotable DCF77 aerial (option).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[2] For fitting the front ring, an appropriate cut-out as well as 3 mounting holes must be provided. Please ask for the scale drawing if required.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Indoor Clocks
single-sided

Indoor
analog
single-sided

Type series
271

Quartz · DCF · min · min/sec · DCFport 24 · AirPort 24 · NTP PoE

51.**271**.311 shown

71.**271**.321

51.**271**.331

Wall clocks with sturdy **metal cases.** State-of-the-art, up-to-date, functional – totally reliable!

71.**271**.311

Slave clock, minute pulse 12...60 V

71.**271**.321 **-05**

Optionally available with case enamelled in metallic silver grey RAL 9006

Power outage reserve
DCF77 radio controlled clocks and *AirPort24* slave clocks with a 230 VAC power supply of this type series provide continued operation for approx. 14 days in case of a mains power outage.

Case
- cir. 265 mm diameter
- cir. 300 mm diameter
- cir. 400 mm diameter

very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below. Protection grade IP 40 (EN 60 529).

Front glass
Flat shock-resistant Plexiglas® XT on 265 mm diameter cases, domed mineral glass on 300 mm diameter cases and shock-resistant Plexiglas® XT on 400 mm cases.

Face
High distinction white metal with black Arabic numerals, black DIN bar markings or black fine-line markings for easy, doubt-free reading even over longer distances. Face printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands, red second hand.

No second hand on minute pulse 12...60 V controlled slave clocks.

Indoor
analog
single-sided

Type series
271

Clock type / face diameter ▶	250 mm Item No.	€ each	300 mm Item No.	€ each	400 mm Item No.	€ each
Quartz clock, battery operated 1.5 V	41.271.	183.–	41.271.	185.–	41.271.	281,–
DCF77 radio controlled clock, battery operated 1.5 V	51.271.	239.–	51.271.	241.–	51.271.	348,–
DCF77 radio controlled clock, mains operated 230 V AC, with outage reserve	52.271.	330.–	52.271.	332.–	52.271.	439,–
Slave clock, minute pulse 12...60 V	71.271.	198.–	71.271.	200.–	71.271.	286,–
Slave clock, minute/second pulse 12/24 V	72.271.	449.–	72.271.	451.–	72.271.	537,–
Slave clock, minute/second pulse 12/24 V, extra low noise motion	73.271.	572.–	73.271.	574.–	73.271.	660,–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.271.	618.–	74.271.	620.–	74.271.	706,–
Slave clock, second pulse 12/24 V, with creeping minute hand	75.271.	593.–	75.271.	595.–	75.271.	681,–
Telegram slave clock, *DCFport24*	81.271.	240.–	81.271.	242.–	81.271.	328,–
RC telegram slave clock, *AirPort24*, battery operated 1.5 V	84.271.	383.–	84.271.	385.–	84.271.	471,–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC, with outage reserve	85.271.	448.–	85.271.	450.–	85.271.	536,–
NTP system clock (NTP client), synchronisation by LAN, PoE [1]	91.271.	397.–	91.271.	399.–	91.271.	485,–
Face print	▲		▲		▲	
Arabic numerals	211		311		411	
DIN bar markings	221		321		421	
Fine-line markings	231		331		431	

Options	250 mm Suffix	Surcharge € each	300 mm Suffix	Surcharge € each	400 mm Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	-05	10.–	-05	10.–	-05	10.–
Case enamelled in metallic dark gun metal DB 703	-06	10.–	-06	10.–	-06	10.–
Case custom enamelled	-10	on request	-10	on request	-10	on request
Shock-resistant Plexiglas® XT (instead of mineral glass)		fitted as standard	-53	59.–		fitted as standard
External DCF77 receiving aerial (cannot be added later)	-60	174.–	-60	174.–	-60	174.–

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
metallic silver grey RAL 9006	-05
dark gun metal DB 703	-06
custom enamelled	-10

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures. For this case we recommend a remotable DCF77 aerial (option).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Indoor Clocks
double-sided, round

Indoor
analog
double-sided

Type series
272

81.**272**.313 shown

71.**272**.322

91.**272**.332

Double-sided clocks for all places where time must be readable from either side. Robust metal, fit everywhere!

71.**272**.425

Clock case with lugs for suspension by metal ropes or chains

01.**200**.137

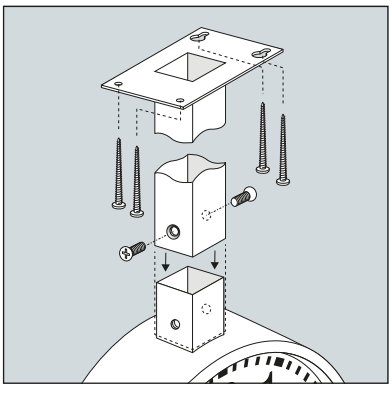
Metal cover for wall or ceiling mounting brackets available (extra)

Double-sided clocks
Double-sided clocks come completely wired and pre-assembled.
Just mount them and plug in – **that's it!**

Stainless steel V2A (option)
Due to its components stainless steel V2A is an alloy almost completely impervious to detergents and disinfectants and is therefore excellently suited for the use in the food and pharmaceutical industries, in kitchens, laboratories and other clean rooms. And it looks good into the bargain, as well!

72.**272**.432 **-05**

Case enamelled in metallic silver grey RAL 9006, available as an option



Detachable ceiling mounting in any length desired (e.g. for suspension beneath a false ceiling), with mounting plate and screwed-on square tube in any length (price on request)

Case
- cir. 270 mm diameter
- cir. 320 mm diameter
- cir. 420 mm diameter

very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, the case may be enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below.
As an option, a stainless steel case (1.4301 X5CrNi 18-10, German trade name V2A) is available in a matted finish. Protection grade IP 40 (EN 60 529).

Mounting
Choice of very sturdy wall or ceiling mounting brackets, standard length cir. 150 mm or lugs for suspension by metal ropes or chains (not included). Also available with detachable ceiling mounting in custom length (price on request).

Front glasses
Flat, shock-resistant Plexiglas® XT for outstandingly clear visibility.

Faces
High distinction white metal with black Arabic numerals, black DIN bar markings or black fine-line markings for easy, doubt-free reading even over longer distances. Faces printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands, red second hands.

No second hands on DCF77 and *AirPort24* radio controlled clocks and on minute pulse 12...60 V controlled slave clocks.

Indoor
analog
double-sided

Type series **272**

▼ Clock type / Face diameter ▶	250 mm Item No.	€ each	300 mm Item No.	€ each	400 mm Item No.	€ each
DCF77 radio controlled clock, battery operated 1.5 V[1) 2)]	51.272.	692.–	51.272.	764.–	51.272.	845.–
DCF77 radio controlled clock, mains operated 230 V AC[2)]	52.272.	733.–	52.272.	805.–	52.272.	886.–
Slave clock, minute pulse 12...60 V	71.272.	430.–	71.272.	470.–	71.272.	552.–
Slave clock, minute/second pulse 12/24 V	72.272.	932.–	72.272.	972.–	72.272.	1,054.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.272.	1,270.–	74.272.	1,310.–	74.272.	1,392.–
Slave clock, second pulse 12/24 V, with creeping minute hand	75.272.	1,220.–	75.272.	1,260.–	75.272.	1,342.–
Telegram slave clock, *DCFport24*	81.272.	498.–	81.272.	538.–	81.272.	620.–
RC telegram slave clock, *AirPort24*, battery operated 1.5 V[1)]	84.272.	749.–	84.272.	789.–	84.272.	874.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.272.	790.–	85.272.	830.–	85.272.	915.–
NTP system clock (NTP client), synchronisation by LAN, PoE[3)]	91.272.	675.–	91.272.	715.–	91.272.	797.–
Face print / **Mounting**	▲		▲		▲	
Arabic numerals — wall	212		312		412	
ceiling	213		313		413	
lugs	215		315		415	
DIN bar markings — wall	222		322		422	
ceiling	223		323		423	
lugs	225		325		425	
Fine-line markings — wall	232		332		432	
ceiling	233		333		433	
lugs	235		335		435	

Accessories	Item No.	€ each
Metal cover for wall or ceiling mounting brackets	01.200.137	39.–
Stainless steel cover V2A for wall or ceiling mounting brackets	01.200.138	98.–

Options	250 mm Suffix	Surcharge € each	300 mm Suffix	Surcharge € each	400 mm Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	-05	39.–	-05	45.–	-05	49.–
Case enamelled in metallic dark gun metal DB 703	-06	39.–	-06	45.–	-06	49.–
Case custom enamelled	-10	on request	-10	on request	-10	on request
Case stainless steel V2A, matted finish	-20	on request	-20	on request	-20	on request

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
metallic silver grey RAL 9006	-05
dark gun metal DB 703	-06
custom enamelled	-10
stainless steel V2A	-20

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1)] Alkaline batteries are included in delivery shipment (medium lifespan: cir. 4 years).
[2)] A remotable DCF77 receiving aerial is included in delivery shipment.
[3)] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Indoor Clocks
single-sided

Indoor
analog
single-sided

Type series
280

41.**280**.311 shown

71.**280**.321

Abb. zeigt 51.**280**.331

Wall clocks with shock-resistant **plastic cases**. State-of-the-art, up-to-date, functional – totally reliable!

Power outage reserve
DCF77 radio controlled clocks and *AirPort24* slave clocks with a 230 VAC power supply of this type series provide continued operation for approx. 14 days in case of a mains power outage.

Case
- cir. 275 x 275 mm
- cir. 325 x 325 mm
- cir. 425 x 425 mm

shock-resistant Plexiglas® XT case with a matted rim.
Protection grade IP 40 (EN 60 529).

Front glass
Shock-resistant Plexiglas® XT for outstandingly clear visibility.

Face
High distinction white metal with black Arabic numerals, black DIN bar markings or black fine-line markings for easy, doubt-free reading even over longer distances. Face printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands, red second hand.
No second hand on minute pulse 12...60 V controlled slave clocks.

Indoor
analog
single-sided

Type series
280

Clock type / Face dimensions ▶	250 x 250 mm Item No.	€ each	300 x 300 mm Item No.	€ each	400 x 400 mm Item No.	€ each
Quartz clock, battery operated 1.5 V	41.280.	133.–	41.280.	138.–	41.280.	184.–
DCF77 radio controlled clock, battery operated 1.5 V	51.280.	189.–	51.280.	194.–	51.280.	250.–
DCF77 radio controlled clock, mains operated 230 V AC, with outage reserve	52.280.	280.–	52.280.	285.–	52.280.	341.–
Slave clock, minute pulse 12...60 V	71.280.	148.–	71.280.	153.–	71.280.	189.–
Slave clock, minute/second pulse 12/24 V	72.280.	399.–	72.280.	404.–	72.280.	440.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion	73.280.	522.–	73.280.	527.–	73.280.	563.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.280.	568.–	74.280.	573.–	74.280.	609.–
Slave clock, second pulse 12/24 V, with creeping minute hand	75.280.	543.–	75.280.	548.–	75.280.	584.–
Telegram slave clock, *DCFport24*	81.280.	190.–	81.280.	195.–	81.280.	231.–
RC telegram slave clock, *AirPort24*, battery operated 1.5 V	84.280.	333.–	84.280.	338.–	84.280.	374.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC, with outage reserve	85.280.	398.–	85.280.	403.–	85.280.	439.–
NTP system clock (NTP client), synchronisation by LAN, PoE [1]	91.280.	347.–	91.280.	352.–	91.280.	388.–
Face print	▲		▲		▲	
Arabic numerals	211		311		411	
DIN bar markings	221		321		421	
Fine-line markings	231		331		431	

Option	250 x 250 mm Suffix	Surcharge € each	300 x 300 mm Suffix	Surcharge € each	400 x 400 mm Suffix	Surcharge € each
External DCF77 receiving aerial (cannot be added later)	-60	174.–	-60	174.–	-60	174.–

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures. For this case we recommend a remotable DCF77 aerial (option).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Indoor Clocks
single-sided

Indoor
analog
single-sided

Type series
281

Quartz · DCF · min · min/sec · sec · DCFport 24 · AirPort 24 · NTP PoE

81.**281**.311 shown

71.**281**.321

81.**281**.331

Wall clocks with sturdy **metal cases** with shock-resistant front glasses. State-of-the-art, up-to-date, functional – totally reliable!

71.**281**.311

Slave clock, minute pulse 12...60 V

81.**281**.321

Telegram slave clock

Power outage reserve
DCF77 radio controlled clocks and *AirPort24* slave clocks with a 230 VAC power supply of this type series provide continued operation for approx. 14 days in case of a mains power outage.

Case
- cir. 275 x 275 mm
- cir. 325 x 325 mm
- cir. 425 x 425 mm

very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below. Protection grade IP 40 (EN 60 529).

Front glass
Flat shock-resistant Plexiglas® XT for outstandingly clear visibility.

Face
High distinction white metal with black Arabic numerals, black DIN bar markings or black fine-line markings for easy, doubt-free reading even over longer distances. Face printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands, red second hand.

No second hand on minute pulse 12...60 V controlled slave clocks.

Indoor
analog
single-sided

Type series
281

Clock type / Face dimensions ▶	250 x 250 mm Item No.	€ each	300 x 300 mm Item No.	€ each	400 x 400 mm Item No.	€ each
Quartz clock, battery operated 1.5 V	41.281.	183.–	41.281.	185.–	41.281.	281.–
DCF77 radio controlled clock, battery operated 1.5 V	51.281.	239.–	51.281.	241.–	51.281.	348.–
DCF77 radio controlled clock, mains operated 230 V AC, with outage reserve	52.281.	330.–	52.281.	332.–	52.281.	439.–
Slave clock, minute pulse 12...60 V	71.281.	198.–	71.281.	200.–	71.281.	286.–
Slave clock, minute/second pulse 12/24 V	72.281.	449.–	72.281.	451.–	72.281.	537.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion	73.281.	572.–	73.281.	574.–	73.281.	660.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.281.	618.–	74.281.	620.–	74.281.	706.–
Slave clock, second pulse 12/24 V, with creeping minute hand	75.281.	593.–	75.281.	595.–	75.281.	681.–
Telegram slave clock, *DCFport24*	81.281.	240.–	81.281.	242.–	81.281.	328.–
RC telegram slave clock, *AirPort24*, battery operated 1.5 V	84.281.	383.–	84.281.	385.–	84.281.	471.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC, with outage reserve	85.281.	448.–	85.281.	450.–	85.281.	536.–
NTP system clock (NTP client), synchronisation by LAN, PoE [1]	91.281.	397.–	91.281.	399.–	91.281.	485.–
Face print	▲		▲		▲	
Arabic numerals	211		311		411	
DIN bar markings	221		321		421	
Fine-line markings	231		331		431	

Options	250 x 250 mm Suffix	Surcharge € each	300 x 300 mm Suffix	Surcharge € each	400 x 400 mm Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	-05	10.–	-05	10.–	-05	10.–
Case enamelled in metallic dark gun metal DB 703	-06	10.–	-06	10.–	-06	10.–
Case custom enamelled	-10	on request	-10	on request	-10	on request
External DCF77 receiving aerial (cannot be added later)	-60	174.–	-60	174.–	-60	174.–

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
metallic silver grey RAL 9006	-05
dark gun metal DB 703	-06
custom enamelled	-10

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures. For this case we recommend a remotable DCF77 aerial (option).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Indoor Clocks
double-sided, square

Indoor
analog
double-sided

Type series
282

81.**282**.413 shown

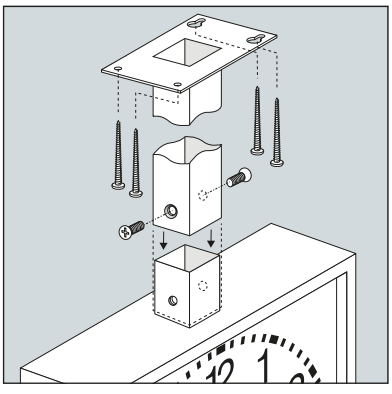
71.**282**.322

81.**282**.332

Double-sided clocks for all places where time must be readable from either side. Robust metal, fit everywhere!

71.**272**.425
Clock case with lugs for suspension by metal ropes or chains

01.**200**.137
Metal cover for wall or ceiling mounting brackets available (extra)


Detachable ceiling mounting in any length desired (e.g. for suspension beneath a false ceiling), with mounting plate and screwed-on square tube in any length (price on request)

Double-sided clocks
Double-sided clocks come completely wired and pre-assembled.
Just mount them and plug in – **that's it!**

Stainless steel V2A (option)
Due to its components stainless steel V2A is an alloy almost completely impervious to detergents and disinfectants and is therefore excellently suited for the use in the food and pharmaceutical industries, in kitchens, laboratories and other clean rooms. And it looks good into the bargain, as well!

Case
- cir. 285 x 285 mm
- cir. 335 x 335 mm
- cir. 435 x 435 mm

very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, the case may be enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below.
As an option, a stainless steel case (1.4301 X5CrNi 18-10, German trade name V2A) is available in a matted finish. Protection grade IP 40 (EN 60 529).

Mounting
Choice of very sturdy wall or ceiling mounting brackets, standard length cir. 150 mm or lugs for suspension by metal ropes or chains (not included). Also available with detachable ceiling mounting in custom length (price on request).

Front glasses
Flat, shock-resistant Plexiglas® XT for outstandingly clear visibility.

Faces
High distinction white metal with black Arabic numerals, black DIN bar markings or black fine-line markings for easy, doubt-free reading even over longer distances. Faces printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands, red second hands.

No second hands on DCF77 and *AirPort24* radio controlled clocks and on minute pulse 12...60 V controlled slave clocks.

Indoor
analog
double-sided

Type series
282

Face dimensions ▶ / ▼ Clock type	250 x 250 mm Item No.	€ each	300 x 300 mm Item No.	€ each	400 x 400 mm Item No.	€ each
DCF77 radio controlled clock, battery operated 1.5 V [1) 2)]	51.282.	692.–	51.282.	764.–	51.282.	845.–
DCF77 radio controlled clock, mains operated 230 V AC [2)]	52.282.	733.–	52.282.	805.–	52.282.	886.–
Slave clock, minute pulse 12...60 V	71.282.	430.–	71.282.	470.–	71.282.	552.–
Slave clock, minute/second pulse 12/24 V	72.282.	932.–	72.282.	972.–	72.282.	1,054.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.282.	1,270.–	74.282.	1,310.–	74.282.	1,392.–
Slave clock, second pulse 12/24 V, with creeping minute hand	75.282.	1,220.–	75.282.	1,260.–	75.282.	1,342.–
Telegram slave clock, *DCFport24*	81.282.	498.–	81.282.	538.–	81.282.	620.–
RC telegram slave clock, *AirPort24*, battery operated 1.5 V [1)]	84.282.	749.–	84.282.	789.–	84.282.	874.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.282.	790.–	85.282.	830.–	85.282.	915.–
NTP system clock (NTP client), synchronisation by LAN, PoE [3)]	91.282.	675.–	91.282.	715.–	91.282.	797.–
Face print / **Mounting**	▲		▲		▲	
Arabic numerals — wall	212		312		412	
ceiling	213		313		413	
lugs	215		315		415	
DIN bar markings — wall	222		322		422	
ceiling	223		323		423	
lugs	225		325		425	
Fine-line markings — wall	232		332		432	
ceiling	233		333		433	
lugs	235		335		435	

Accessories	Item No.	€ each
Metal cover for wall or ceiling mounting brackets	01.200.137	39.–
Stainless steel cover V2A for wall or ceiling mounting brackets	01.200.138	98.–

Options	250 x 250 mm Suffix	Surcharge € each	300 x 300 mm Suffix	Surcharge € each	400 x 400 mm Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	-05	39.–	-05	45.–	-05	49.–
Case enamelled in metallic dark gun metal DB 703	-06	39.–	-06	45.–	-06	49.–
Case custom enamelled	-10	on request	-10	on request	-10	on request
Case stainless steel V2A, matted finish	-20	on request	-20	on request	-20	on request

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
metallic silver grey RAL 9006	-05
dark gun metal DB 703	-06
custom enamelled	-10
stainless steel V2A	-20

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1)] Alkaline batteries are included in delivery shipment (medium lifespan: cir. 4 years).
[2)] A remotable DCF77 receiving aerial is included in delivery shipment.
[3)] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Clocks for Large Spaces

analog · single-, double- and four-sided

Large rooms with high ceilings and large halls require large clocks that can be read free of doubt from long distances. Correct time at a single glance. You have our guarantee!

Clocks for Large Spaces
single-sided, indoor

Large spaces call for large clocks!
Exact time, clearly readable.

Case
■ cir. 500 mm diameter
very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below.
Protection grade IP 40 (EN 60 529).

Front glass
Domed shock-resistant Plexiglas® XT. As an option, low reflectivity front glass is available.

Face
High distinction white metal with large black Arabic numerals or large black DIN bar markings for easy, doubt-free reading even over longer distances.
Face printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands.
Red second hand on slave clocks with minute/second pulse (**72**.xxx) and on slave clocks with synchronous second hands (**74**.xxx) only.

71.**330**.521 shown

Clock type	Item No.	€ each
DCF77 radio controlled clock, battery op. 2 x 1,5 V[1) 2)]	51.**330**.	**769.–**
DCF77 radio controlled clock, mains operated 230 V AC, with outage reserve	52.**330**.	**810.–**
Slave clock, minute pulse 12...60 V	71.**330**.	**487.–**
Slave clock, minute/second pulse 12/24 V	72.**330**.	**738.–**
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.**330**.	**907.–**
Telegram slave clock, *DCFport24*, 24 V	81.**330**.	**573.–**
RC telegram slave clock, *AirPort24*, battery op. 1.5 V[1)]	84.**330**.	**753.–**
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.**330**.	**794.–**
NTP system clock (NTP client), synch. by LAN, PoE[3)]	91.**330**.	**809.–**
Face print	▲	
DIN bar markings	511	
Fine-line markings	521	

Options	Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	**-05**	**49.–**
Case enamelled in metallic dark gun metal DB 703	**-06**	**49.–**
Case custom enamelled	**-10**	**on request**
Low reflectivity front glass	**-50**	**on request**

Case colour	Suffix
metallic silver grey RAL 9006	**-05**
dark gun metal DB 703	**-06**
? custom enamelled	**-10**

81.**330**.511

[1)] Alkaline batteries are included in delivery shipment (medium lifespan: cir. 4 years).
[2)] A remotable DCF77 receiving aerial is included in delivery shipment.
[3)] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

Large space
analog
single-sided

Type series
330

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Clocks for Large Spaces
double-sided, indoor

Large space
analog
double-sided

Type series
332

71.**332**.522 shown

81.**332**.514

Double-sided indoor clocks in an extremely sturdy version – **solid, industrial grade metal cases** with sturdy wall brackets or suspended from the ceiling, shock-resistant Plexiglas® XT front glasses.
The best decision for a reliable and durable product!

72.**332**.525

Case fitted with lugs for suspension by ropes or chains

52.**332**.513

The ceiling mount versions with a tube and with the double bracket design are optionally available in custom length (option **–31**)

Double-sided clocks
Double-sided clocks come completely wired and pre-assembled.
Just mount them and plug in –
that's it!

Case
■ cir. 500 mm diameter, very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below. Protection grade IP 40 (EN 60 529).

Mounting
Choice of double bracket wall or ceiling mounting, standard bracket length cir. 210 mm, or sturdy metal tube suspension from the ceiling, tube length cir. 500 mm.
Also avaiable with lugs for suspension by ropes or chains.
Rim and mounting fixtures enamelled metallic dark gun metal (DB 703).

Front glasses
Domed shock-resistant Plexiglas® XT.
As an option, low reflectivity front glasses are available.

Faces
High distinction white metal with large black Arabic numerals or large black DIN bar markings for easy, doubt-free reading even over longer distances.
Faces printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands.
Red second hands on slave clocks with minute/second pulse (**72**.xxx) and on slave clocks with synchronous second hands (**74**.xxx) only.

Large space
analog
double-sided

Type series
332

Clock type	Item No.	€ each
DCF77 radio controlled clock, battery operated 2 x 1.5 V[1) 2)]	51.332.	1,532.–
DCF77 radio controlled clock, mains operated 230 V AC[2)]	52.332.	1,573.–
Slave clock, minute pulse 12...60 V	71.332.	1,188.–
Slave clock, minute/second pulse 12/24 V	72.332.	1,690.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion	74.332.	2,028.–
Telegram slave clock, *DCFport24*, 24 V	81.332.	1,307.–
RC telegram slave clock, *AirPort24*, battery operated 2 x 1,5 V[1)]	84.332.	1,555.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.332.	1,596.–
NTP system clock (NTP client), synchronisation by LAN, PoE[3)]	91.332.	1,543.–

Face print	Mounting	▲
Arabic numerals	wall	512
	ceiling	513
	tube	514
	lugs	515
DIN bar markings	wall	522
	ceiling	523
	tube	524
	lugs	525

Options	Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	-05	79.–
Case enamelled in metallic dark gun metal DB 703	-06	79.–
Case custom enamelled	-10	on request
Custom length mounting brackets	-31	on request
Low reflectivity front glasses	-51	on request

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
metallic silver grey RAL 9006	-05
dark gun metal DB 703	-06
custom enamelled	-10

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1)] Alkaline batteries are included in delivery shipment (medium lifespan: cir. 4 years).
[2)] A remotable DCF77 receiving aerial is included in delivery shipment.
[3)] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Clocks for Large Spaces
single-sided, indoor

Also available "resistant to thrown balls"

Large space
analog
single-sided

Type series
350

71.**350**.511 shown

71.**350**.521

52.**350**.521 **-06**

Case enamelled dark gun metal (DB703) as an option

Large spaces call for large clocks! Extremely sturdy clocks with **solid, industrial grade metal cases**. Doubt-free reading of the exact time from afar – at any time.

Also available in a version resistant to thrown balls, according to DIN 18032, part 3.

Protection grade IP54 (option)
The IP protection grade defines the product's grade of protection against contact, foreign solid objects, and water.

The **first digit** indicates the degree of protection against solid foreign objects and contact:
5 = harmful amounts of dust deposits (Dust deposits are acceptable, but may not impede the product's function).

The **second digit** indicates the degree of protection against liquids and water respectively:
4 = Protection against water sprayed from all directions.

Resistance to thrown balls acc. to DIN
DIN 18032, Part 3, states that building elements may not be damaged by thrown balls and that their function must not be impaired.

During testing by a certified institute, the clocks are tested with handballs shot at them from a ball shooting device at an angle of 45° and 90°.

Our clocks in their resistant to thrown balls version have passed this ball-throwing test without defects and have thus received the certificate 'ball-proof in accordance with DIN 18032, Part 3'.

Outdoor clocks resistant to thrown balls
see pages 104 and 105.

Case
- cir. 446 mm diameter
- cir. 546 mm diameter
- cir. 646 mm diameter

very sturdy metal case, enamelled metallic silver grey (RAL 9006) or, as an option, enamelled in dark gun metal (DB 703) or custom enamelled, as listed below. Protection grade IP 40 (EN 60 529).

Resistance to thrown balls acc. to DIN 18032, part 3 (option)
Clocks of this type series are also available resistant to thrown balls and thus suitable for gymnasiums and other sporting facilities. Very sturdy case with three-point mounting as a safeguard, proof against wrenching off the hook. Front glass is a 2-layer laminated safety glass, 6 mm thick. The clocks are certified and labelled "resistant to thrown balls according to DIN 18032, part 3".

Front glass
Flat shock-resistant Plexiglas® XT (PMMA) as standard.

Packaging (option)
As an option, clockwork packaged to protect it against blown dust and/or sprayed water (IP 54 according to EN 60 529) is available.

Face
High distinction white metal with large black Arabic numerals or black DIN bar markings for easy, doubt-free reading even over longer distances. Visible face diameter 420 mm, 520 mm and 620 mm respectively. Face printed according to DIN 41 091.

Hands
Pointed black bar-type hour and minute hands according to DIN 41 092.

Red second hand on slave clocks with minute/second pulse (**72**.xxx) and on slave clocks with synchronous second hands (**74**.xxx) only.

Large space
analog
single-sided

Type series
350

Face diameter ▶ / Clock type	420 mm Item No.	€ each	520 mm Item No.	€ each	620 mm Item No.	€ each
DCF77 radio controlled clock, battery operated 2 x 1.5 V[1) 2)]	51.350.	851.–	51.350.	973.–	51.350.	1,153.–
DCF77 radio controlled clock, mains operated 230 V AC[2)]	52.350.	892.–	52.350.	1,014.–	52.350.	1,194.–
Slave clock, minute pulse 12...60 V	71.350.	511.–	71.350.	635.–	71.350.	752.–
Slave clock, minute/second pulse 12/24 V	72.350.	762.–	72.350.	886.–	72.350.	1,003.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.350.	931.–	74.350.	1,055.–	74.350.	1,172.–
Telegram slave clock, *DCFport24*, 24 V	81.350.	604.–	81.350.	728.–	81.350.	845.–
RC telegram slave clock, *AirPort24*, battery operated 2 x 1,5 V[1)]	84.350.	784.–	84.350.	908.–	84.350.	1,025.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.350.	825.–	85.350.	949.–	85.350.	1,066.–
NTP system clock (NTP client), synchronisation by LAN, PoE[3)]	91.350.	840.–	91.350.	964.–	91.350.	1,081.–
Face print	▲		▲		▲	
Arabic numerals	411		511		611	
DIN bar markings	421		521		621	

Options	420 mm Suffix	Surcharge € each	520 mm Suffix	Surcharge € each	620 mm Suffix	Surcharge € each
Case enamelled in metallic dark gun metal DB 703	-06	none	-06	none	-06	none
Case custom enamelled	-10	on request	-10	on request	-10	on request
Packaging against dust and spray (IP 54)	-54	80.–	-54	80.–	-54	80.–
Resistance to thrown balls acc. to DIN 18032, part 3	-59	179.–	-59	179.–	-59	179.–

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
dark gun metal DB 703	-06
? custom enamelled	-10

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1)] Alkaline batteries are included in delivery shipment (medium lifespan: cir. 4 years).
[2)] A remotable DCF77 receiving aerial is included in delivery shipment.
[3)] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

Outdoor clocks resistant to thrown balls
see pages 104 and 105.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Clocks for Large Spaces
double-sided, indoor

Large space
analog
double-sided

Type series
352

71.**352**.512 shown

91.**352**.624

Large spaces call for large clocks! Extremely sturdy clocks with **solid, industrial grade metal cases**. Doubt-free reading of the exact time from afar – at any time.

81.**352**.513 **–06**

Ceiling mount double bracket design and case enamelled in metallic dark gun metal (DB703) as an option

71.**352**.525

Case fitted with lugs for suspension by ropes or chains

Double-sided clocks
Double-sided clocks come completely wired and pre-assembled.
Just mount them and plug in – **that's it!**

Protection grade IP54 (option)
The IP protection grade defines the product's grade of protection against contact, foreign solid objects, and water.

The **first digit** indicates the degree of protection against solid foreign objects and contact:
5 = harmful amounts of dust deposits (Dust deposits are acceptable, but may not impede the product's function).

The **second digit** indicates the degree of protection against liquids and water respectively:
4 = Protection against water sprayed from all directions..

Case
- cir. 446 mm diameter
- cir. 546 mm diameter
- cir. 646 mm diameter

very sturdy metal case, enamelled metallic silver grey (RAL 9006) or, as an option, enamelled in dark gun metal (DB 703) or custom enamelled, as listed below. Protection grade IP 40 (EN 60 529).

Mounting
Choice of double bracket wall or ceiling mounting, standard bracket length cir. 210 mm, or sturdy metal tube suspension from the ceiling, tube length cir. 1000 mm. On request, custom length available optionally.
Also avaiable with lugs for suspension by ropes or chains.

Front glasses
Flat shock-resistant Plexiglas® XT (PMMA).

Packaging (option)
As an option, clockwork packaged to protect it against blown dust and/or sprayed water (IP 54 according to EN 60 529) is available.

Faces
High distinction white metal with large black Arabic numerals or black DIN bar markings for easy, doubt-free reading even over longer distances. Visible face diameter 420 mm, 520 mm and 620 mm respectively. Faces printed according to DIN 41 091.

Hands
Pointed black bar-type hour and minute hands according to DIN 41 092
Red second hands on slave clocks with minute/second pulse (**72**.xxx) and on slave clocks with synchronous second hands (**74**.xxx) only

Large space
analog
double-sided

Type series
352

Clock type ▼ Face diameter ▶	420 mm Item No.	€ each	520 mm Item No.	€ each	620 mm Item No.	€ each
DCF77 radio controlled clock, battery operated 2 x 1.5 V[1) 2)]	51.352.	1,583.–	51.352.	1,737.–	51.352.	1,946,–
DCF77 radio controlled clock, mains operated 230 V AC[2)]	52.352.	1,624.–	52.352.	1,778.–	52.352.	1,987,–
Slave clock, minute pulse 12...60 V	71.352.	1,225.–	71.352.	1,379.–	71.352.	1,583,–
Slave clock, minute/second pulse 12/24 V	72.352.	1,727.–	72.352.	1,881.–	72.352.	2,085,–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.352.	2,065.–	74.352.	2,219.–	74.352.	2,423,–
Telegram slave clock, *DCFport24*, 24 V	81.352.	1,342.–	81.352.	1,496.–	81.352.	1,700,–
RC telegram slave clock, *AirPort24*, battery operated 2 x 1,5 V[1)]	84.352.	1,590.–	84.352.	1,744.–	84.352.	1,948,–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.352.	1,631.–	85.352.	1,785.–	85.352.	1,989,–
NTP system clock (NTP client), synchronisation by LAN, PoE[3)]	91.352.	1,578.–	91.352.	1,732.–	91.352.	1,936,–
Face print / **Mounting**	▲		▲		▲	
Arabic numerals, wall	412		512		612	
ceiling	413		513		613	
tube	414	+100.–	514	+100.–	614	+100.–
lugs	415		515		615	
DIN bar markings, wall	422		522		622	
ceiling	423		523		623	
tube	424	+100.–	524	+100.–	624	+100.–
lugs	425		525		625	

Options	420 mm Suffix	Surcharge € each	520 mm Suffix	Surcharge € each	620 mm Suffix	Surcharge € each
Case enamelled in metallic dark gun metal DB 703	-06	none	-06	none	-06	none
Case custom enamelled	-10	on request	-10	on request	-10	on request
Custom length mounting fixture	-31	on request	-31	on request	-31	on request
Packaging against dust and spray (IP 54)	-54	150.–	-54	150.–	-54	150.–

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
dark gun metal DB 703	-06
custom enamelled	-10

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1)] Alkaline batteries are included in delivery shipment (medium lifespan: cir. 4 years).
[2)] A remotable DCF77 receiving aerial is included in delivery shipment.
[3)] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Clocks for Large Spaces

flush-mounted in walls, indoor

Also available "resistant to thrown balls"

Large space
analog
flush-mounted

Type series
369

72.**369**.510 shown

71.**369**.520

81.**369**.510 **-22**

Clock cases made of stainless steel V4A, blasted and varnished (optional) are resistant to saline or chlorous media. Excellently suited for permanent use in public swimming pools.

Clocks of this type series are excellently suited for all applications requiring large clocks with **solid, industrial grade metal cases** mounted flush with a wall surface.

Also available in a version resistant to thrown balls, according to DIN 18032, part 3.

Protection grade IP54 (option)
The IP protection grade defines the product's grade of protection against contact, foreign solid objects, and water.

The **first digit** indicates the degree of protection against solid foreign objects and contact:
5 = harmful amounts of dust deposits (Dust deposits are acceptable, but may not impede the product's function).

The **second digit** indicates the degree of protection against liquids and water respectively:
4 = Protection against water sprayed from all directions..

Resistance to thrown balls acc. to DIN
DIN 18032, Part 3, states that building elements may not be damaged by thrown balls and that their function must not be impaired.

During testing by a certified institute, the clocks are tested with handballs shot at them from a ball shooting device at an angle of 45° and 90°.

Our clocks in their resistant to thrown balls version have passed this ball-throwing test without defects and have thus received the certificate 'ball-proof in accordance with DIN 18032, Part 3'.

Stainless steel V4A (option)
Due to its components stainless steel V4A is an alloy almost completely impervious to detergents and disinfectants and is therefore excellently suited for the use in the food and pharmaceutical industries, in kitchens, laboratories and other clean rooms. And it looks good into the bargain, as well!

Stainless steel V4A + varnish (option)
V4A quality stainless steel with an additional coat of protective varnish is outstandingly resistant to acids and other chlorous media and is therefore particularly suited for public swimming pools as well as for the chemical industry.

Case
- Faceplate cir. 460 x 460 mm
- Faceplate cir. 560 x 560 mm
- Faceplate cir. 660 x 660 mm

very sturdy metal case for flush mounting in walls, enamelled white (RAL 9016). Optionally, at a surcharge, enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below. A stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), blasted and additionally coated with a protective varnish, is available as an option.
Protection grade IP 40 (EN 60 529).

Mounting
These clocks are to be mounted flush with the wall surface and require a recess of (W x H x D)
- cir. 406 x 406 x 80 mm
- cir. 506 x 506 x 80 mm
- cir. 606 x 606 x 80 mm.

Resistance to thrown balls acc. to DIN 18 032, part 3 (option)
Clocks of this type series are also available resistant to thrown balls and thus suitable for schools, gymnasiums and other sporting facilities. Very sturdy metal case with 6 mm two-ply laminated mineral safety glass. These clocks conform to German Industry Standard and are certified and labelled "resistant to thrown balls according to DIN 18 032, part 3".

Front glass
Flat shock-resistant Plexiglas® XT (PMMA) as standard.

Packaging (option)
As an option, clockwork packaged to protect it against blown dust and/or sprayed water (IP 54 according to EN 60 529) is available.

Face
High distinction white metal with large black Arabic numerals or black DIN bar markings for easy, doubt-free reading even over longer distances. Visible print diameters are cir. 335 mm, 420 mm, and 503 mm respectively. Face printed according to DIN 41 091.

Hands:
Black bar-type hour and minute hands.
Red second hand on slave clocks with minute/second pulse (**72**.xxx) only.

Large space
analog
flush-mounted

Type series
369

Face dimensions ▶ / Clock type	400 x 400 mm Item No.	€ each	500 x 500 mm Item No.	€ each	600 x 600 mm Item No.	€ each
DCF77 radio controlled clock, mains operated 230 VAC [2]	52.369.	981.–	52.369.	1,105.–	52.369.	1,239.–
Slave clock, minute pulse 12...60 V	71.369.	603.–	71.369.	726.–	71.369.	859.–
Slave clock, minute/second pulse 12/24 V	72.369.	854.–	72.369.	977.–	72.369.	1,110.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz	74.369.	1,023.–	74.369.	1,146.–	74.369.	1,279.–
Telegram slave clock, *DCFport24*, 24 V	81.369.	645.–	81.369.	819.–	81.369.	952.–
RC telegram slave clock, *AirPort24*, mains operated 230 VAC	85.369.	919.–	85.369.	1,040.–	85.369.	1,173.–
NTP system clock (NTP client), synchronisation by LAN, PoE [2]	91.369.	802.–	91.369.	1,055.–	91.369.	1,188.–
Face print	▲		▲		▲	
Arabic numerals	410		510		610	
DIN bar markings	420		520		620	

Options	400 x 400 mm Suffix	Surcharge € each	500 x 500 mm Suffix	Surcharge € each	600 x 600 mm Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	-05	39.–	-05	49.–	-05	59.–
Case enamelled in metallic dark gun metal DB 703	-06	39.–	-06	49.–	-06	59.–
Case custom enamelled	-10	on request	-10	on request	-10	on request
Case stainless steel V4A, matted finish	-21	on request	-21	on request	-21	on request
Case stainless steel V4A, blasted and varnished	-22	on request	-22	on request	-22	on request
Custom logo on clock face	-47	on request	-47	on request	-47	on request
Packaging against dust and spray (IP 54)	-54	80.–	-54	80.–	-54	80.–
Resistance to thrown balls acc. to DIN 18032, part 3	-59	179.–	-59	179.–	-59	179.–

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
metallic silver grey RAL 9006	-05
dark gun metal DB 703	-06
custom enamelled	-10
stainless steel V4A, matted finish	-21
stainless steel V4A + clear varnish	-22

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Clocks for Large Spaces

on-wall mounting, indoor

Also available "resistant to thrown balls"

Large space
analog
single-sided

Type series
370

71.**370**.511 shown

Clocks of this type series are excellently suited for all applications requiring large clocks with **solid, industrial grade metal cases** combined with a doubt-free readability.

They are also available "resistant to thrown balls" according to DIN 18032, part 3.

53.**370**.521 **-59**

DCF77 radio controlled clock with large second hand, enamelled red, resistant to thrown balls version.

72.**370**.611 **-22**

Clock cases made of stainless steel V4A, blasted and varnished (optional) are resistant to saline or chlorous media. Excellently suited for permanent use in public swimming pools.

Protection grade IP54 (option)
The IP protection grade defines the product's grade of protection against contact, foreign solid objects, and water.

The **first digit** indicates the degree of protection against solid foreign objects and contact:
5 = harmful amounts of dust deposits (Dust deposits are acceptable, but may not impede the product's function).

The **second digit** indicates the degree of protection against liquids and water respectively:
4 = Protection against water sprayed from all directions..

Resistance to thrown balls acc. to DIN
DIN 18032, Part 3, states that building elements may not be damaged by thrown balls and that their function must not be impaired.

During testing by a certified institute, the clocks are tested with handballs shot at them from a ball shooting device at an angle of 45° and 90°.

Our clocks in their resistant to thrown balls version have passed this ball-throwing test without defects and have thus received the certificate 'ball-proof in accordance with DIN 18032, Part 3'.

Stainless steel V4A (option)
Due to its components stainless steel V4A is an alloy almost completely impervious to detergents and disinfectants and is therefore excellently suited for the use in the food and pharmaceutical industries, in kitchens, laboratories and other clean rooms. And it looks good into the bargain, as well!

Stainless steel V4A + varnish (option)
V4A quality stainless steel with an additional coat of protective varnish is outstandingly resistant to acids and other chlorous media and is therefore particularly suited for public swimming pools as well as for the chemical industry.

Case

- cir. 400 x 400 mm
- cir. 500 x 500 mm
- cir. 600 x 600 mm

very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, custom enamelled, as listed below. A stainless steel case (1.4301 X5CrNi 18-10, German trade name V2A) with a matted finish or a stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), blasted and additionally coated with a protective varnish, are available as options.
Protection grade IP 40 (EN 60 529).

Resistance to thrown balls acc. to DIN 18 032, part 3 (option)

Clocks of this type series are also available resistant to thrown balls and thus suitable for schools, gymnasiums and other sporting facilities. Very sturdy metal case with 6 mm two-ply laminated mineral safety glass. These clocks conform to German Industry Standard and are certified and labelled "resistant to thrown balls according to DIN 18 032, part 3".

Front glass

Flat shock-resistant Plexiglas® XT (PMMA) as standard.

Packaging (option)

As an option, clockwork packaged to protect it against blown dust and/or sprayed water (IP 54 according to EN 60 529) is available.

Face

High distinction white metal with large black Arabic numerals or black DIN bar markings for easy, doubt-free reading even over longer distances. Visible print diameters are cir. 335 mm, 420 mm, and 503 mm respectively. Face printed according to DIN 41 091.

Radio controlled clocks of this type series are equipped with a plastic face for improved radio reception.

Hands

Black bar-type hour and minute hands.

Red second hands only on DCF77 radio controlled clocks with large second hands (**53**.xxx and **54**.xxx), on slave clocks with minute/second pulse (**72**.xxx), and on slave clocks with synchronous second hands (**74**.xxx).

Large space
analog
single-sided

Type series
370

Face dimensions ▶ Clock type	400 x 400 mm Item No.	€ each	500 x 500 mm Item No.	€ each	600 x 600 mm Item No.	€ each
DCF77 radio controlled clock, battery operated 2 x 1.5 V[1]	51.**370**.	**501.–**	51.**370**.	**931.–**	51.**370**.	**1,065.–**
DCF77 radio controlled clock, mains operated 230 VAC	52.**370**.	**583.–**	52.**370**.	**972.–**	52.**370**.	**1,106.–**
Slave clock, minute pulse 12...60 V	71.**370**.	**470.–**	71.**370**.	**593.–**	71.**370**.	**726.–**
Slave clock, minute/second pulse 12/24 V	72.**370**.	**721.–**	72.**370**.	**844.–**	72.**370**.	**977.–**
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz	74.**370**.	**890.–**	74.**370**.	**1,013.–**	74.**370**.	**1,146.–**
Telegram slave clock, *DCFport24*, 24 V	81.**370**.	**512.–**	81.**370**.	**686.–**	81.**370**.	**819.–**
RC telegram slave clock, *AirPort24*, battery operated 2 x 1,5 V[1]	84.**370**.	**655.–**	84.**370**.	**866.–**	84.**370**.	**999.–**
RC telegram slave clock, *AirPort24*, mains operated 230 VAC	85.**370**.	**720.–**	85.**370**.	**907.–**	85.**370**.	**1,040.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[2]	91.**370**.	**669.–**	91.**370**.	**922.–**	91.**370**.	**1,055.–**
Face print	▲		▲		▲	
Arabic numerals	411		511		611	
DIN bar markings	421		521		621	

Face dimensions ▶ DCF77 radio controlled clocks with large second hands[3]	400 x 400 mm Item No.	€ each	500 x 500 mm Item No.	€ each	600 x 600 mm Item No.	€ each
DCF77 radio controlled clock, battery operated 2 x 1.5 V[1]	not available		53.**370**.	**1,081.–**	53.**370**.	**1,215.–**
DCF77 radio controlled clock, mains operated 230 VAC	not available		54.**370**.	**1,122.–**	54.**370**.	**1,256.–**
Face print			▲		▲	
Arabic numerals			511		611	
DIN bar markings			521		621	

Options	400 x 400 mm Suffix	Surcharge € each	500 x 500 mm Suffix	Surcharge € each	600 x 600 mm Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	**-05**	**39.–**	**-05**	**49.–**	**-05**	**59.–**
Case enamelled in metallic dark gun metal DB 703	**-06**	**39.–**	**-06**	**49.–**	**-06**	**59.–**
Case custom enamelled	**-10**	**on request**	**-10**	**on request**	**-10**	**on request**
Case stainless steel V4A, matted finish	**-21**	**on request**	**-21**	**on request**	**-21**	**on request**
Case stainless steel V4A, blasted and varnished	**-22**	**on request**	**-22**	**on request**	**-22**	**on request**
Custom logo on clock face	**-47**	**on request**	**-47**	**on request**	**-47**	**on request**
Packaging against dust and spray (IP 54)	**-54**	**80.–**	**-54**	**80.–**	**-54**	**80.–**
Resistance to thrown balls acc. to DIN 18032, part 3	**-59**	**179.–**	**-59**	**179.–**	**-59**	**179.–**
External DCF77 receiving aerial (cannot be added later)	**-60**	**174.–**		**fitted as standard**		**fitted as standard**

Case colour	Suffix
metallic silver grey RAL 9006	**-05**
dark gun metal DB 703	**-06**
custom enamelled	**-10**
stainless steel V4A, matted finish	**-21**
stainless steel V4A + clear varnish	**-22**

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] Alkaline batteries are included in delivery shipment (medium lifespan: cir. 4 years).
[2] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[3] DCF77 radio controlled clocks with Item Nos. 53.**370**... and 54.**370**.... will be supplied with large second hands, enamelled red.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Clocks for Large Spaces
double-sided, indoor

Large space
analog
double-sided

Type series
372

Clock cases made of stainless steel V4A, blasted and varnished (optional) are resistant to saline or chlorous media. Excellently suited for permanent use in public swimming pools.

Double-sided indoor clocks with **solid, industrial grade metal cases** with sturdy wall brackets or suspended from the ceiling, shock-resistant Plexiglas® XT front glasses. The best decision for a reliable and durable product!

Double-sided clocks
Double-sided clocks come completely wired and pre-assembled.
Just mount them and plug in – **that's it!**

Stainless steel V4A (option)
Due to its components stainless steel V4A is an alloy almost completely impervious to detergents and disinfectants and is therefore excellently suited for the use in the food and pharmaceutical industries, in kitchens, laboratories and other clean rooms. And it looks good into the bargain, as well!

Stainless steel V4A + varnish (option)
V4A quality stainless steel with an additional coat of protective varnish is outstandingly resistant to acids and other chlorous media and is therefore particularly suited for public swimming pools as well as for the chemical industry.

Case
- cir. 400 x 400 mm
- cir. 500 x 500 mm
- cir. 600 x 600 mm

very sturdy metal case enamelled white (RAL 9016). Optionally, at a surcharge, custom enamelled, as listed below. A stainless steel case (1.4301 X5CrNi 18-10, German trade name V2A) with a matted finish or a stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), blasted and additionally coated with a protective varnish, are available as options.
Protection grade IP 40 (EN 60 529).

Mounting
Choice of double bracket wall or ceiling mounting, enamelled white, standard bracket length cir. 250 mm. Also available with lugs for suspension by ropes or chains as an option for larger ceiling heights.

Front glass
Flat shock-resistant Plexiglas® XT (PMMA).

Packaging (option)
As an option, clockwork packaged to protect it against blown dust and/or sprayed water (IP 54 according to EN 60 529) is available.

Faces
High distinction white metal with large black Arabic numerals or large black DIN bar markings for easy, doubt-free reading even over longer distances. Visible print diameters are 335 mm, 420 mm, and 503 mm respectively. Faces printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands.
Red second hands on slave clocks with minute/second pulse (**72**.xxx) and on slave clocks with synchronous second hands (**74**.xxx) only.

Large space
analog
double-sided

Type series
372

Clock type ▶ Face dimensions	400 x 400 mm Item No.	€ each	500 x 500 mm Item No.	€ each	600 x 600 mm Item No.	€ each
DCF77 radio controlled clock, battery operated 2 x 1.5 V[1) 2)]	51.372.	1,665.–	51.372.	1,901.–	51.372.	2,131.–
DCF77 radio controlled clock, mains operated 230 VAC[2)]	52.372.	1,706.–	52.372.	1,942.–	52.372.	2,172.–
Slave clock, minute pulse 12...60 V	71.372.	1,307.–	71.372.	1,543.–	71.372.	1,768.–
Slave clock, minute/second pulse 12/24 V	72.372.	1,809.–	72.372.	2,045.–	72.372.	2,270.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz	74.372.	2,147.–	74.372.	2,383.–	74.372.	2,608.–
Telegram slave clock, *DCFport24*, 24 V	81.372.	1,424.–	81.372.	1,660.–	81.372.	1,885.–
RC telegram slave clock, *AirPort24*, battery operated 2 x 1,5 V[1)]	84.372.	1,672.–	84.372.	1,908.–	84.372.	2,133.–
RC telegram slave clock, *AirPort24*, mains operated 230 VAC	85.372.	1,713.–	85.372.	1,949.–	85.372.	2,174.–
NTP system clock (NTP client), synchronisation by LAN, PoE[3)]	91.372.	1,660.–	91.372.	1,896.–	91.372.	2,121.–
Face print / **Mounting**	▲		▲		▲	
Arabic numerals, wall	412		512		612	
Arabic numerals, ceiling	413		513		613	
DIN bar markings, wall	422		522		622	
DIN bar markings, ceiling	423		523		623	

Options	400x400mm Suffix	Surcharge € each	500x500mm Suffix	Surcharge € each	600x600mm Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	**-05**	95.–	**-05**	105.–	**-05**	125.–
Case enamelled in metallic dark gun metal DB 703	**-06**	95.–	**-06**	105.–	**-06**	125.–
Case custom enamelled	**-10**	on request	**-10**	on request	**-10**	on request
Case stainless steel V4A, matted finish	**-21**	on request	**-21**	on request	**-21**	on request
Case stainless steel V4A, blasted and varnished	**-22**	on request	**-22**	on request	**-22**	on request
Custom logo on clock face	**-47**	on request	**-47**	on request	**-47**	on request
Packaging against dust and spray (IP 54)	**-54**	150.–	**-54**	150.–	**-54**	150.–

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
metallic silver grey RAL 9006	**-05**
dark gun metal DB 703	**-06**
custom enamelled	**-10**
stainless steel V4A, matted finish	**-21**
stainless steel V4A + clear varnish	**-22**

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1)] Alkaline batteries are included in delivery shipment (medium lifespan: cir. 4 years).
[2)] A remotable DCF77 receiving aerial is included in delivery shipment.
[3)] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Clocks for Large Spaces
four-sided, indoor

Large space
analog
four-sided

Type series
390

Case custom enamelled RAL 9006

Clock cubes with **solid, industrial grade metal cases** for large halls or places of high publicity.
Always the correct time, exactly readable from any angle!

Backlighted clock cubes
for indoor and outdoor use see pages 118 and 119.

Clock cubes come completely wired and pre-assembled.
Just mount them and plug in – **that's it!**

Case
■ Edge length cir. 565 mm, with four square faces, cir. 425 x 425 mm sturdy metal cube, enamelled in white (RAL 9016) as standard. Optionally, at a surcharge, enamelled in custom colours. A large hinged inspection flap on the top provides easy access for maintenance. Protection grade IP 40 (EN 60 529).

Mounting
This clock cube will usually be suspended from the ceiling by metal ropes or chains. Due to varying requirements, ropes or chains are to be procured locally. Four eyebolts are provided on the top of the case.

Front glasses
Flat shock-resistant Plexiglas® XT (PMMA).

Faces
High distinction white metal with large black Arabic numerals or large black DIN bar markings for easy, doubt-free reading even over longer distances. Visible face dimensions cir. 400 x 400 mm.
Faces printed according to DIN 41 091

Hands
Black bar-type hour and minute hands.
Red second hands on slave clocks with minute/second pulse (**72**.xxx) and on slave clocks with synchronous second hands (**74**.xxx) only.

Large space
analog
four-sided

Type series
390

Clock type	Item No.	€ each
DCF77 radio controlled clock, mains operated 230 V AC [1]	52.**390**.	**2,250.–**
Slave clock, minute pulse 12...60 V	71.**390**.	**1,896.–**
Slave clock, minute/second pulse 12/24 V	72.**390**.	**2,900.–**
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.**390**.	**3,576.–**
Telegram slave clock, *DCFport24*, 24 V	81.**390**.	**2,039.–**
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.**390**.	**2,328.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [2]	91.**390**.	**2,306.–**
Face print	▲	
Arabic numerals	415	
DIN bar markings	425	

Option	Suffix	Surcharge € each
Cube custom enamelled	**-13**	**on request**

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

Backlighted clock cubes
for indoor and outdoor use see pages 118 and 119.

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Clocks for Large Spaces
four-sided, indoor

Large space
analog
four-sided

Type series
395

Clock cubes with **solid, industrial grade metal cases** for large halls or places of high publicity.
Always the correct time, exactly readable from any angle!

Case custom enamelled (option)

Backlighted clock cubes
for indoor and outdoor use see pages 118 and 119.

Clock cubes come completely wired and pre-assembled.
Just mount them and plug in – **that's it!**

Case
- edge length cir. 500 mm, with four round faces, diameter cir. 400 mm
- edge length cir. 625 mm, with four round faces, diameter cir. 500 mm

sturdy metal cube, enamelled in white (RAL 9016) as standard. Optionally, at a surcharge, case and/or clock rims enamelled in custom colours. A large hinged inspection flap on the top provides easy access for maintenance.
Protection grade IP 40 (EN 60 529).

Mounting
This clock cube will usually be suspended from the ceiling by metal ropes or chains. Due to varying requirements, ropes or chains are to be procured locally.
Four eyebolts are provided on the top of the case.

Front glasses
Domed shock-resistant Plexiglas® XT (PMMA). As an option, low reflectivity front glasses are available.

Faces
High distinction white metal with large black Arabic numerals or large black DIN bar markings for easy, doubt-free reading even over longer distances. Visible face diameter cir. 400 mm and cir. 500 mm respectively.
Faces printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands.
Red second hands on slave clocks with minute/second pulse (**72**.xxx) and on slave clocks with synchronous second hands (**74**.xxx) only.

Large space
analog
four-sided

Type series
395

Face dimensions ▶ Clock type	Ø 400 mm Item No.	€ each	Ø 500 mm Item No.	€ each
DCF77 radio controlled clock, mains operated 230 V AC [1]	52.395.	2,793.–	52.395.	3,408.–
Slave clock, minute pulse 12...60 V	71.395.	2,450.–	71.395.	3,065.–
Slave clock, minute/second pulse 12/24 V	72.395.	3,454.–	72.395.	4,069.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.395.	4,130.–	74.395.	4,745.–
Telegram slave clock, *DCFport24*, 24 V	81.395.	2,593.–	81.395.	3,408.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.395.	2,882.–	85.395.	3,697.–
NTP system clock (NTP client), synchronisation by LAN, PoE [2]	91.395.	2,860.–	91.395.	3,644.–
Face print	▲		▲	
Arabic numerals	415		515	
DIN bar markings	425		525	

Options	Arab. num. Suffix	Surcharge € each	Bar mark. Suffix	Surcharge € each
Cube custom enamelled	-13	on request	-13	on request
Clock rims custom enamelled	-14	on request	-14	on request
Clock rims enamelled in metallic dark gun metal DB 703	-16	none	-16	none
Low reflectivity front glasses	-51	on request	-51	on request

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

Backlighted clock cubes
for indoor and outdoor use see pages 118 and 119.

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Special clocks

Whether you look for dust-, water- or vapour-proof clocks (acc. to IP grade 64), clocks for high temperatures in sauna cabins, pace clocks indicating split times or clocks for surgical operating rooms in hospitals or other "clean room" applications – on the following pages you will find clocks for all specific requirements ...

Wall Clocks

waterproof, steam proof, dust proof

These clocks are packaged in waterproof, steam proof and dust proof cases and thus perfectly suitable for "critical" areas with blown dust and water thrown in sheets or other demanding environments.
They are not suitable for sauna cabins. Sauna clocks may be found on page 11 only.

Case

■ cir. 300 mm diameter
white plastic case, dust- and water-proof according to IP 64 (EN 60 529).

Front glass

Flat mineral glass, black sealing ring. Also available with shock-resistant Plexiglas® XT (option).

Face

White face with large black Arabic numerals for easy, doubt-free reading even over longer distances.

Hands

Black bar-type hour and minute hands, red second hand.

41.**420**.311 shown

Clock type	Item No.	€ each
Quartz clock, battery operated 1.5 V	41.**420**.311	**79.–**
DCF77 radio controlled clock, battery operated 1.5 V	51.**420**.311	**179.–**

Option	Suffix	Surcharge € each
Shock-resistant Plexiglas® XT (instead of mineral glass)	**-53**	**42.–**

Indoor
analog
single-sided

Type series
420

DCF77 radio controlled clocks
DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.) and under conditions of free radio propagation and may be impaired in heavily reinforced concrete structures.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Wall Clock

soundless, for relaxation rooms

Indoor
analog
single-sided

Type series
423

Wall clock in a wooden case with soundless Quartz clockwork and creeping second hand. Excellently suited for relaxation rooms within spa facilities (**not suitable for sauna cabins.** Sauna clocks may be found on page 11 only).

Case
- cir. 220 mm diameter

Ayous wood.
Protection grade IP 40 (EN 60529).

Front glass
Domed mineral glass.

Face
Metal, enamelled white with large black Arabic numerals.

Hands
Black bar-type hour and minute hands, red second hand.

44.**423**.211 shown

Clock type	Item No.	€ each
Quartz clock, soundless, battery operated 1.5 V	44.**423**.211	**150.–**

- creeping second hand
- soundless clockwork

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Sauna Slave Clocks
heat resistant

Special slave clockworks and specially treated wooden cases facilitate professional use of these clocks in private or public saunas. Suited for the use in sauna cabins (up to cir. 95 °C).

Case
- cir. 220 mm diameter
- cir. 230 x 230 mm

Special Ayous wood will not crack even under most severe fluctuations of temperature and humidity. Protection grade IP 40 (EN 60 529).

Front glass
Heat resistant mineral glass.

Face
Metal, enamelled white with large black Arabic numerals.

Hands
Black bar-type hour and minute hands.

71.**425**.211 shown

Clock type	Dimensions	Item No.	€ each
Slave clock, minute pulse 24 V	220 mm diameter	71.**425**.211	**245.–**
Slave clock, minute pulse 24 V	230 x 230 mm	71.**426**.211	**235.–**

Option	Suffix	Surcharge € each
Custom logo on clock face (minimum order of 50)	**-47**	**on request**

Slave clocks
A separate control unit is required to operate the sauna slave clocks!
- For 1–2 sauna clocks, we recommend a type series **950** clave clock control unit, see Seite 136.
- For more than 2 sauna clocks and for longer wire lengths we recommend to use a type series **921** master clock, see Seite 130.

Indoor
analog
single-sided

Type series **425**

Type series **426**

Slave clocks
Slave clocks require a PEWETA master clock (see from page 130 on, or page 136).

71.**426**.211

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Training Clocks/Pace Clocks
for indoors (IP54), with seconds cross

Also available "resistant to thrown balls"

Indoor
analog
single-sided

Type series
430

41.**430**.611 shown

71.**430**.611

42.**430**.611 **-22**

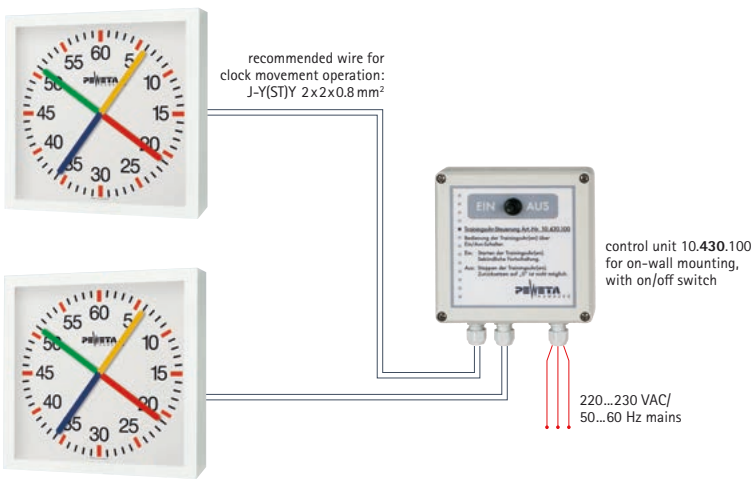
Clock case made of stainless steel V4A, matted and varnished (option), resistant to salt-water and other media containing chlorine. Excellently suited for permanent use in public swimming pools.

This kind of training/pace clock indicates split times during swim training/warm-up training. Times are taken by each swimmer individually. The 4-coloured seconds cross indicates the time elapsed, one complete turn corresponds to exactly 60 seconds.

For parallel operation of 2 training clocks, the slave clock type connected to the central control unit 10.**430**.100 is recommended. Thus an identical display (synchronous time) is always guaranteed on both training clocks connected.

Wiring diagram for parallel operation

2 training clocks 71.431.611
with control unit 10.430.100



Resistance to thrown balls acc. to DIN
DIN 18032, Part 3, states that building elements may not be damaged by thrown balls and that their function must not be impaired.
During testing by a certified institute, the clocks are tested with handballs shot at them from a ball shooting device at an angle of 45° and 90°.
Our clocks in their resistant to thrown balls version have passed this ball-throwing test without defects and have thus received the certificate 'ball-proof in accordance with DIN 18032, Part 3'.

Stainless steel V4A + varnish (option)
V4A quality stainless steel with an additional coat of protective varnish is outstandingly resistant to acids and other chlorous media and is therefore particularly suited for public swimming pools as well as for the chemical industry.

Backlighted training clocks
for indoors and outdoors see pages 116 and 117.

Case
- cir. 600 x 600 mm

very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below. A stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), blasted and additionally coated with a protective varnish, is available as an option.
Clock movement protected according to IP 54 (EN 60 529).

Resistance to thrown balls acc. to DIN 18 032, part 3 (option)
Wrench-off-proof mounting fixture and two-ply laminated mineral safety glass, thus suitable for ball sports facilities when durably mounted on-wall.

Clock types
- Quartz movement, battery operated (2 x 1.5 V "Alkaline" LR 20, included). **Portable, therefore suitable for mobile use.**
  ON/OFF switch on reverse side. With carrying handle. Setup on the edge of the pool. 2 pivoted feet ensure a firm position of clock on the ground. Or wall mounting.
- Quartz movement, mains operated 230 V AC. **Recommended for continuous operation and for durable, fixed on-wall position.**
  Wall mounting and fixed power supply only, incl. wrench-off-proof 3-point mounting fixture.
- Slave movement, pulse operated 24 V. To be operated by fixed connection to control unit 10.**430**.100 only. **Recommended for synchronized, parallel operation of 2 training clocks/pace clocks 71.430.611 in securely fixed positions.** Wall mounting only, incl. 3-point wrench-off-proof mounting fixture.
  Control unit 10.**430**.100 is required for operation.

Face
High distinction white metal with red/black second bars and black numerals for easy, doubt-free reading. Reading distance cir. 30 m.

Hands
4-coloured seconds cross, intervals in second cycles.

Front glass
Flat shock-resistant Plexiglas® XT (PMMA) as standard

Function
The (swim) training/pace clock can be used by any number of swimmers simultaneously.
The crossed second hands show the time elapsed in seconds.
The swimmer will wait for a maximum of 14 seconds until the next colour of the four second hands ("his" colour) reaches the 12-o'clock-position and will then memorise the colour of "his" hand.
Upon reaching the edge of the pool (after 1 or 2 laps) the time elapsed can be read according to the position of "his" second hand.

Indoor
analog
single-sided

Type series
430

Technical data	
Operating power (quartz clock type, battery operated)	2 x 1.5 V Mono/LR 20
Operating power (quartz clock type, mains operated)	220 ... 230 V AC
Operating power (slave clock type, pulse operated)	24 V second pulses
Duration of operation in permanent use (battery operated)	cir. 1,000 hours
Intervals	second cycles
Dial sections	0 ... 60
Reading distance	cir. 30 m

Clock type	Item No.	€ each
Quartz clock, battery operated 2 x 1.5 V	41.**430**.611	**995.–**
Quartz clock, mains operated 230 V AC	42.**430**.611	**975.–**
Slave clock, minute pulse 24 V (second cycles)	71.**430**.611	**815.–**

Accessory	Item No.	€ each
Control unit for 2 training clocks 71.**430**.611, operating power 220 ... 230 V AC/50 ... 60 Hz, ON/OFF switch	10.**430**.100	**359.–**

Options	Opt.-Nr.	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	**-05**	**59.–**
Case enamelled in metallic dark gun metal DB 703	**-06**	**59.–**
Case custom enamelled	**-10**	**on request**
Case stainless steel V4A, blasted and varnished	**-22**	**on request**
Custom logo on clock face	**-47**	**on request**
Resistance to thrown balls acc. to DIN 18032, part 3 (types 42.**430**.611 and 71.**430**.611 only)	**-59**	**179.–**

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
metallic silver grey RAL 9006	**-05**
dark gun metal DB 703	**-06**
? custom enamelled	**-10**
stainless steel V4A + clear varnish	**-22**

Backlighted training clocks
for indoors and outdoors see pages 116 and 117.

Training Clocks/Pace Clocks

for indoors (IP54), minute and second hands

Also available "resistant to thrown balls"

Indoor
analog
single-sided

Type series
431

41.**431**.611 shown

42.**431**.611

42.**431**.611 **-22**

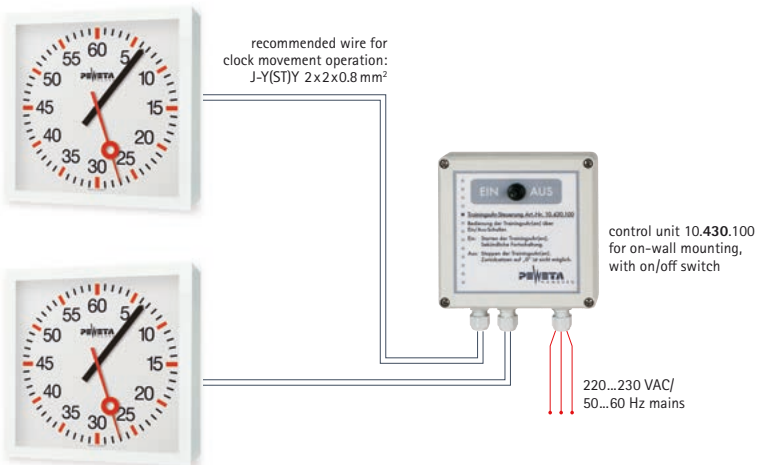
This kind of training/pace clock indicates split times during swim training/warm-up training.
Times are taken by each swimmer individually. The clock indicates the elapsed time in minutes and seconds.

For parallel operation of 2 training clocks, the slave clock type connected to the central control unit 10.**430**.100 is recommended. Thus an identical display (synchronous time) is always guaranteed on both training clocks connected.

Clock cases made of stainless steel V4A, matted and varnished (option), are resistant to saltwater and other media containing chlorine. They are therefore excellently suited for permanent use in public swimming pools.

Wiring diagram for parallel operation

2 training clocks 71.431.611
with control unit 10.430.100



Resistance to thrown balls acc. to DIN
DIN 18032, Part 3, states that building elements may not be damaged by thrown balls and that their function must not be impaired.
During testing by a certified institute, the clocks are tested with handballs shot at them from a ball shooting device at an angle of 45° and 90°.
Our clocks in their resistant to thrown balls version have passed this ball-throwing test without defects and have thus received the certificate 'ball-proof in accordance with DIN 18032, Part 3'.

Stainless steel V4A + varnish (option)
V4A quality stainless steel with an additional coat of protective varnish is outstandingly resistant to acids and other chlorous media and is therefore particularly suited for public swimming pools as well as for the chemical industry.

Case
- cir. 600 x 600 mm

very sturdy metal case, enamelled white (RAL 9016). Optionally, at a surcharge, enamelled in metallic silver grey (RAL 9006), in dark gun metal (DB 703) or custom enamelled, as listed below. A stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), blasted and additionally coated with a protective varnish, is available as an option.
Clock movement protected according to IP 54 (EN 60 529).

Resistance to thrown balls acc. to DIN 18 032, part 3 (option)
Wrench-off-proof mounting fixture and two-ply laminated mineral safety glass, thus suitable for ball sports facilities when durably mounted on-wall.

Clock types
- Quartz movement, battery operated (2 x 1.5 V "Alkaline" LR 20, included). **Portable, therefore suitable for mobile use.**
  ON/OFF switch on reverse side. With carrying handle. Setup on the edge of the pool. 2 pivoted feet ensure a firm position of clock on the ground. Or wall mounting.
- Quartz movement, mains operated 230 V AC. **Recommended for continuous operation and for durable, fixed on-wall position.**
  Wall mounting and fixed power supply only, incl. wrench-off-proof 3-point mounting fixture.
- Slave movement, pulse operated 24 V. To be operated by fixed connection to control unit 10.**430**.100 only. **Recommended for synchronized, parallel operation of 2 training clocks/pace clocks 71.430.611 in securely fixed positions.** Wall mounting only, incl. 3-point wrench-off-proof mounting fixture.
  Control unit 10.**430**.100 is required for operation.

Face
High distinction white metal with red/black second bars and black numerals for easy, doubt-free reading. Reading distance cir. 30 m.

Hands
Black minute hand. Red second hand with "eye", intervals in second cycles.

Front glass
Flat shock-resistant Plexiglas® XT (PMMA) as standard.

Function
The (swim) training/pace clock can be used by any number of swimmers simultaneously.
The elapsed time is displayed in minutes and seconds.
The swimmer will wait for a maximum of 59 seconds until the second hand reaches the 12-o'clock-position and will then memorise the position of the minute hand.
Upon finishing a training round the time elapsed can be easily calculated (time indicated minus the minutes memorised.

Indoor
analog
single-sided

Type series
431

Technical data	
Operating power (quartz clock type, battery operated)	2 x 1.5 V Mono/LR 20
Operating power (quartz clock type, mains operated)	220 ... 230 V AC
Operating power (slave clock type, pulse operated)	24 V minute/sec. pulses
Duration of operation in permanent use (battery operated)	cir. 1,000 hours
Intervals	second cycles
Dial sections	0 ... 60
Reading distance	cir. 30 m

Clock type	Item No.	€ each
Quartz clock, battery operated 2 x 1.5 V	41.**431**.611	**1,140.–**
Quartz clock, mains operated 230 V AC	42.**431**.611	**1,120.–**
Slave clock, minute pulse 24 V (second cycles)	71.**431**.611	**960.–**

Accessory	Item No.	€ each
Control unit for 2 training clocks 71.**431**.611, operating power 220 ... 230 V AC/50 ... 60 Hz, ON/OFF switch	10.**430**.100	**359.–**

Options	Opt.-Nr.	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	**-05**	**59.–**
Case enamelled in metallic dark gun metal DB 703	**-06**	**59.–**
Case custom enamelled	**-10**	**on request**
Case stainless steel V4A, blasted and varnished	**-22**	**on request**
Custom logo on clock face	**-47**	**on request**
Resistance to thrown balls acc. to DIN 18032, part 3 (types 42.**430**.611 and 71.**430**.611 only)	**-59**	**179.–**

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Case colour	Suffix
metallic silver grey RAL 9006	**-05**
dark gun metal DB 703	**-06**
custom enamelled	**-10**
stainless steel V4A + clear varnish	**-22**

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Analog Clocks for In-Wall Mounting, round
ideal for surgical operating rooms and other clean rooms

Indoor
analog
flush-mounted

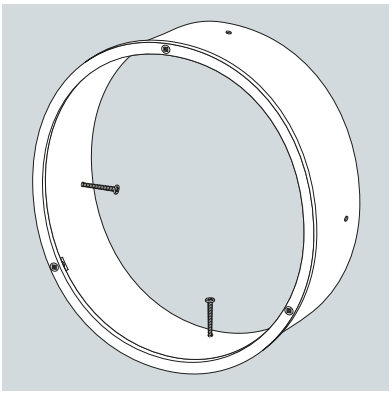
Type series
460

73.**460**.310 for flush mounting in conventional brick walls shown

73.**460**.320

81.**460**.311
Version with stainless steel spring-clips for mounting in stud-and-panel walls

These round analog clocks with stainless steel V4A cases were designed with the surgical operating room in mind. Mounted in-wall, flush with the surface, these reliable and accurate clocks meet all hygienic standards.
Also suitable for all other demanding environments such as the pharmaceutical, beverage and food industries.


Metal mounting frame 01.**470**.300
for in-wall mounting in conventional brick walls (flush with tiles or plaster)

Stainless steel V4A
Due to its components stainless steel V4A is not only completely impervious to detergents and disinfectants but also to acids and other aggressive media.
The flush-mounted clocks of this type series are therefore particularly suited for the use surgical operating rooms and other clean rooms.

Case
- cir. 301 mm diameter

very high grade stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), for mounting flush with wall tiles or plaster. Visible surface with a matted finish, resistant to acids, detergents and disinfectants. In mounted condition protected against dust and moisture to IP 54 (EN 60 529).

Mounting
For flush **in-wall-mounting** we offer the following designs:
- with mounting frame, aluminium frame for mounting in conventional brick walls included in delivery shipment
- for stud-and-panel walls, stainless steel spring-clip device for flush mounting included

Front glass
Flat mineral glass, 3 mm. Optionally treated for low reflectivity.

Face
High distinction white metal with large black Arabic numerals or black DIN bar markings. Face printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands, red second hand.

No second hands on minute pulse 12…60 V controlled slave clocks.

Indoor
analog
flush-mounted

Type series
460

Mounting dimensions	with mounting frame	for stud-and-panel walls
Clock case	cir. 301 mm	cir. 301 mm
Wall breakout	cir. 301 mm	cir. 282 mm
Depth	cir. 63 mm	cir. 60 mm

Technical data		
Face	visible face diameter	cir. 240 mm
	print diameter	cir. 250 mm

Clock type	Item No.	€ each
DCF77 radio controlled clock, mains operated 230 V AC [1]	52.460.	985.–
Slave clock, minute pulse 12...60 V	71.460.	750.–
Slave clock, minute/second pulse 12/24 V	72.460.	1,001.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion	73.460.	1,124.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.460.	1,170.–
Slave clock, second pulse 12/24 V, with creeping minute hand	75.460.	1,145.–
Telegram slave clock, *DCFport24*, 12/24 V	81.460.	765.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC, with outage reserve	85.460.	973.–
NTP system clock (NTP client), synchronisation by LAN, PoE [3]	91.460.	922.–

Face print	Mounting	▲
Arabic numerals	with mounting frame	310
	for stud-and-panel walls	311
DIN bar markings	with mounting frame	320
	for stud-and-panel walls	321

Option	Suffix	Surcharge € each
Front glass treated for low reflectivity	-49	49.–

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial (IP 68) is included in delivery shipment.
[2] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Analog Clocks for In-Wall Mounting, square
ideal for surgical operating rooms and other clean rooms

Indoor
analog
flush-mounted

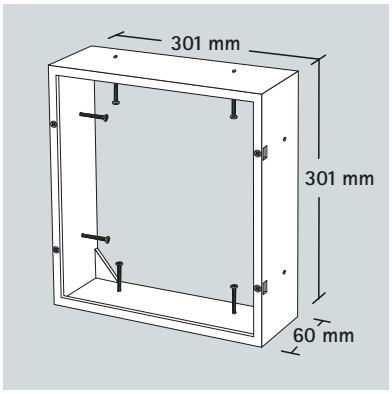
Type series
470

73.**470**.310 for mounting in conventional brick walls shown

73.**470**.320

91.**470**.330

These square analog clocks with stainless steel V4A cases were designed with the surgical operating room in mind. Mounted in-wall, flush with the surface, these reliable and accurate clocks meet all hygienic standards.
Also suitable for all other demanding environments such as the pharmaceutical, beverage and food industries.



Metal mounting frame 01.**470**.300
for in-wall mounting in conventional brick walls (flush with tiles or plaster)

81.**470**.311
Version with stainless steel spring-clips for mounting in stud-and-panel walls

Stainless steel V4A
Due to its components stainless steel V4A is not only completely impervious to detergents and disinfectants but also to acids and other aggressive media.
The flush-mounted clocks of this type series are therefore particularly suited for the use surgical operating rooms and other clean rooms.

Case

- cir. 301 x 301 mm

very high grade stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), for mounting flush with wall tiles or plaster. Visible surface with a matted finish, resistant to acids, detergents and disinfectants. In mounted condition protected against dust and moisture to IP 54 (EN 60 529).

Mounting

For flush **in-wall-mounting** we offer the following designs:

- with mounting frame, aluminium frame for mounting in conventional brick walls included in delivery shipment
- for stud-and-panel walls, stainless steel spring-clip device for flush mounting included

Optionally, at a surcharge, the clock can also be supplied with a V4A stainless steel case for **on-wall mounting**.

Front glass

Flat mineral glass, 3 mm. Optionally treated for low reflectivity.

Face

High distinction white metal with black Arabic numerals, black DIN bar markings or black fine-line markings. Face printed according to DIN 41 091.

Hands

Black bar-type hour and minute hands, red second hand.

No second hands on minute pulse 12…60 V controlled slave clocks.

Indoor
analog
flush-mounted

Type series
470

Mounting dimensions	with mounting frame	for stud-and-panel walls
Clock case (width x height)	cir. 301 x 301 mm	cir. 301 x 301 mm
Wall breakout (width x height)	cir. 301 x 301 mm	cir. 282 x 277 mm
Depth	cir. 63 mm	cir. 60 mm

Technical data		
Face	print diameter	cir. 235 mm
	face dimensions	cir. 270 x 270 mm
Power consumption	slave clock, minute pulse 24 V	cir. 6 mA
	slave clock, minute/second pulse 24 V	cir. 12 mA

Clock type		Item No.	€ each
DCF77 radio controlled clock, mains operated 230 V AC[1]		52.470.	985.–
Slave clock, minute pulse 12...60 V		71.470.	750.–
Slave clock, minute/second pulse 12/24 V		72.470.	1,001.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion		73.470.	1,124.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz		74.470.	1,170.–
Slave clock, second pulse 12/24 V, with creeping minute hand		75.470.	1,145.–
Telegram slave clock, *DCFport24*, 12/24 V		81.470.	765.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC, with outage reserve		85.470.	973.–
NTP system clock (NTP client), synchronisation by LAN, PoE[3]		91.470.	922.–
Face print	**Mounting**	▲	
Arabic numerals	with mounting frame	310	
	for stud-and-panel walls	311	
	for on-wall mounting	312	+290.–
DIN bar markings	with mounting frame	320	
	for stud-and-panel walls	321	
	for on-wall mounting	322	+290.–
Fine-line markings	with mounting frame	330	
	for stud-and-panel walls	331	
	for on-wall mounting	332	+290.–

Option	Suffix	Surcharge € each
Front glass treated for low reflectivity	-49	49.–

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial (IP 68) is included in delivery shipment.
[2] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Analog Clocks for In-Wall Mounting

with digital stopwatch display, ideal for surgical operating rooms

Indoor
analog/digital
flush-mounted

Type series
480

73.**480**.310 for flush mounting in conventional brick walls shown

73.**480**.320

91.**480**.331

Version with stainless steel spring-clips for mounting in stud-and-panel walls

These analog clocks with LED digital stopwatch display with stainless steel V4A cases were designed with the surgical operating room in mind. Mounted in-wall, flush with the surface, these reliable and accurate clocks meet all hygienic standards. Also suitable for all other demanding environments such as the pharmaceutical, beverage and food industries.

02.**498**.101

02.**498**.102

For operating the stopwatch mode of the LED digital display we provide different remote control units in stainless steel cases. For a detailed product description please see page 66.

Stainless steel V4A
Due to its components stainless steel V4A is not only completely impervious to detergents and disinfectants but also to acids and other aggressive media.
The flush-mounted clocks of this type series are therefore particularly suited for the use surgical operating rooms and other clean rooms.

Case
- cir. 301 x 387 mm

very high grade stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), for mounting flush with wall tiles or plaster. Visible surface with a matted finish, resistant to acids, detergents and disinfectants. In mounted condition protected against dust and moisture to IP 54 (EN 60 529).

Mounting
For flush **in-wall-mounting** we offer the following designs:
- with mounting frame, aluminium frame for mounting in conventional brick walls included in delivery shipment
- for stud-and-panel walls, stainless steel spring-clip device for flush mounting included

Optionally, at a surcharge, the clock can also be supplied with a V4A stainless steel case for **on-wall mounting**.

Front glass
Flat mineral glass, 3 mm. Glass on digital display is treated for low reflectivity. On analog face, low reflective glass is available as an option.

Face
High distinction white metal with black Arabic numerals, black DIN bar markings or black fine-line markings. Face printed according to DIN 41 091.

Hands
Black bar-type hour and minute hands, red second hand.

No second hands on minute pulse 12... 60 V controlled slave clocks.

LED digital display
6-digit 7-segment LED bars, digit colour red (option: amber or green). Digit height 25 mm. Automatic brightness control. Power supply is 230 VAC mains as standard, 12 V DC (option). Power loss reserve: Time telegram/pulse storage to cover cir. 100 hours.

Stopwatch mode
The 6-digit display will show hours, minutes and seconds, counting up from start. The stopwatch system is controlled by a remote control unit (as an extra), for technical data see page 4.

Indoor
analog/digital
flush-mounted

Type series
480

Mounting dimensions	with mounting frame	for stud-and-panel walls
clock case (width x height)	cir. 301 x 387 mm	cir. 301 x 387 mm
wall breakout (width x height)	cir. 301 x 387 mm	cir. 282 x 362 mm
depth	cir. 81 mm	cir. 78 mm

Technical data		
Analog face	print diameter	cir. 235 mm
	face dimensions	cir. 270 x 270 mm
Digit height	digital display	25 mm
Electrical values	operating voltage for digital display	230 VAC
	optional operating voltage for digital display	12 VDC
	power consumption LED display	cir. 9 VA

Clock type	Item No.	€ each
DCF77 radio controlled clock, mains operated 230 VAC[1]	52.480.	1,770.–
Slave clock, minute pulse 12...60 V	71.480.	1,535.–
Slave clock, minute/second pulse 12/24 V	72.480.	1,786.–
Slave clock, minute/second pulse 12/24 V, extra low noise motion	73.480.	1,909.–
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz	74.480.	1,955.–
Slave clock, second pulse 12/24 V, with creeping minute hand	75.480.	1,930.–
Telegram slave clock, *DCFport24*, 12/24 V	81.480.	1,550.–
RC telegram slave clock, *AirPort24*, mains operated 230 VAC, with outage reserve	85.480.	1,759.–
NTP system clock (NTP client), synchronisation by LAN, PoE[2]	91.480.	1,707.–
Face print / **Mounting**	▲	
Arabic numerals, with mounting frame	310	
Arabic numerals, for stud-and-panel walls	311	
Arabic numerals, for on-wall mounting	312	+340.–
DIN bar markings, with mounting frame	320	
DIN bar markings, for stud-and-panel walls	321	
DIN bar markings, for on-wall mounting	322	+340.–
Fine-line markings, with mounting frame	330	
Fine-line markings, for stud-and-panel walls	331	
Fine-line markings, for on-wall mounting	332	+340.–

Accessories	Item No.	€ each
Remote control with mounting frame for in-wall mounting, stainless steel V4A	02.498.100	795.–
Remote control for stud-and-panel wall mounting by means of spring clip attachment device, stainless steel V4A (no mounting frame required)	02.498.101	795.–
Hand-held remote control, stainless steel V4A	02.498.102	795.–

Options	Suffix	Surcharge € each
Front glass of analog clock treated for low reflectivity	-49	49.–
Mains adapter 12 V DC for LED digital display	-70	none
Amber (instead of red) digital display	-78	on request
Green (instead of red) digital display	-79	on request
Date display during inactivity of stopwatch mode	-81	on request

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial (IP 68) is included in delivery shipment.
[2] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Clocks for In-Wall Mounting

with stopwatch mode (optional), ideal for surgical operating rooms

Indoor
digital
flush-mounted

Type series
490

83.**490**.550 shown

91.**490**.551

Version with stainless steel spring-clips for mounting in stud-and-panel walls

83.**490**.553 **-89**

Double-sided clock with ceiling bracket, stainless steel V4A

These LED digital clocks with stainless steel V4A cases were designed with the surgical operating room in mind. They are mounted in-wall, flush with the surface, to meet all hygienic standards.
Configured in this type of case or in any other case adapted to customer's wishes, e. g.

- for on-wall mounting,
- for desk-top use or
- as a double-sided clock,

these clocks can be used in any demanding environment, such as the pharmaceutical, beverage and food industries, requiring accurate and dependable time information.

Stainless steel V4A
Due to its components stainless steel V4A is not only completely impervious to detergents and disinfectants but also to acids and other aggressive media.
The flush-mounted clocks of this type series are therefore particularly suited for the use surgical operating rooms and other clean rooms.

02.**498**.101

02.**498**.102

For operating the stopwatch mode (option) we provide different remote control units in stainless steel cases. For a detailed product description please see page 66.

Case

- cir. 455 x 150 mm,

very high grade stainless steel case (1.4571 X6CrNiMoTi 17-12-2, German trade name V4A), for mounting flush with wall tiles or plaster. Visible surface with a matted finish, resistant to acids, detergents and disinfectants. In mounted condition protected against dust and moisture to IP 54 (EN 60 529).

Mounting

For flush **in-wall-mounting** we offer the following designs:

- with mounting frame, aluminium frame for mounting in conventional brick walls included in delivery shipment
- for stud-and-panel walls, stainless steel spring-clip device for flush mounting included

Optionally, at a surcharge, the clock can also be supplied with a V4A stainless steel case for **on-wall mounting**.
The **double-sided type** consists of two individual clocks and a ceiling mounting bracket made of V4A stainless steel.

LED digital display

6-digits, 2 each for hours, minutes and seconds. 7-segment LED bars, red as standard, amber or green as options. Digit height 57 mm for hour, minute and second. Second digit height 38 mm as an option. Automatic brightness control. Readability is excellent even at extremely sharp angles.

Front glass

Flat mineral glass, 3 mm, treated for low reflectivity.

Power supply

230 VAC/50 Hz is standard, 12 VDC mains is optional. Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2]. Existing 2-wire or 4-wire slave clock bus lines may be re-used for 12 VDC or PEWETA *DCFport24* versions.

Stopwatch mode (optional)

These clocks can be fitted with a count up/split time stopwatch mode. The 6-digit LED display will show hours, minutes and seconds, counting up from start. The stopwatch system is controlled by a wire-based remote control unit (as an extra), for technical data see page 4.

Mounting dimensions	with mounting frame	for stud-and-panel walls
clock case (width x height)	cir. 455 x 150 mm	cir. 455 x 150 mm
wall breakout (width x height)	cir. 455 x 150 mm	cir. 426 x 138 mm
depth	cir. 73 mm	cir. 60 mm

Technical data		
Digit height	hour, minute, second	57 mm
	second (option)	38 mm
Electrical values	operating voltage	230 VAC
	operating voltage (option)	12 VDC
	power consumption	cir. 9 VA
	power losss reserve	cir. 100 hours.

Clock type	Operating voltage	Item No.	€ each
Quartz clock (in connection with *PEWETA data bus RS485 master* or *slave* option only)	230 VAC	42.**490.**	**1,345.–**
DCF77 radio controlled clock[1]	230 VAC	52.**490.**	**1,505.–**
Slave clock, minute pulse 24 V	230 VAC	71.**490.**	**1,435.–**
Telegram slave clock, *DCFport24*, 24 V[2]	*DCFport24*	81.**490.**	**1,435.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.**490.**	**1,435.–**
RC telegram slave clock, *AirPort24*, with outage reserve	230 VAC	85.**490.**	**1,545.–**
NTP system clock (NTP client), synchronisation by LAN[1][3]	PoE	91.**490.**	**1,495.–**
NTP system clock (NTP client), synchronisation by LAN[1][4]	230 VAC	93.**490.**	**1,525.–**
Mounting		▲	
with mounting frame		550	
for stud-and-panel walls		551	
for on-wall mounting		552	**+340.–**

Clock type (incl. ceiling mounting bracket)	Operating voltage	Item No.	€ each
Quartz clock (in connection with *PEWETA data bus RS485 master* or *slave* option only)	230 VAC	42.**490.**553	**3,090.–**
DCF77 radio controlled clock[1]	230 VAC	52.**490.**553	**3,250.–**
Slave clock, minute pulse 24 V	230 VAC	71.**490.**553	**3,180.–**
Telegram slave clock, *DCFport24*, 24 V[2]	*DCFport24*	81.**490.**553	**3,180.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.**490.**553	**3,180.–**
RC telegram slave clock, *AirPort24*, with outage reserve	230 VAC	85.**490.**553	**3,290.–**
NTP system clock (NTP client), synchronisation by LAN[1][3]	PoE	91.**490.**553	**3,240.–**
NTP system clock (NTP client), synchronisation by LAN[1][4]	230 VAC	93.**490.**553	**3.270.–**

Accessories	Item No.	€ each
Remote control w. mounting frame for in-wall mounting, stainless steel V4A	02.**498.**100	**795.–**
Remote control for stud-and-panel wall mounting by means of spring clip attachment device, stainless steel V4A (no mounting frame required)	02.**498.**101	**795.–**
Hand-held remote control, stainless steel V4A	02.**498.**102	**795.–**

Options	Suffix	Surcharge € each
Operating voltage 12 VDC (instead of 230 VAC)	**-70**	**none**
Stopwatch mode (remote control unit is an extra)	**-71**	**169.–**
Amber (instead of red) LED digital display (57 mm digit height second only)	**-78**	**on request**
Green (instead of red) LED digital display (57 mm digit height second only)	**-79**	**on request**
Date indication alternating with time indication	**-81**	**on request**
PEWETA data bus RS485 master (output)	**-82**	**100.–**
PEWETA data bus RS485 slave (input)	**-83**	**100.–**
Alternating temperature indication (external temperature sensor included)	**-88**	**295.–**
Second digit height 38 mm (instead of 57 mm)	**-89**	**none**
GPS version, incl. GPS receiving aerial (IP 65/EN 60 529)	**-95**	**695.–**

[1] A remotable DCF77 receiving aerial (IP 68) is included in delivery shipment.
[2] Limited number of clocks within a system/network.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.

Indoor
digital
flush-mounted

Type series
490

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Remote Control

ideally suited for surgical operating room in-wall clocks (digital or analog/digital)

Remote control
flush-mounted or hand-held

Type series
498

These control units (wire-bound remote controls) were specially developed for use in hospital surgical operating rooms – flush with wall tiles, no hygienic limitations, reliable and accurate!
Also usable in other clean-room environments, such as pharmaceutical, beverage or food industries.

Case

Flush-with-tiles/wall surface stainless steel V4A (1.4571 X6CrNiMoTi 17-12-2) mounting frame for in-wall mounting, visible surfaces with a matted finish (K240), specially resistant to acids, detergents and disinfectants. In mounted condition protected against dust and moisture to IP 54 (EN 60 529) or 'windproof' (for possible overpressure in appropriately equipped operating theatres).

Mounting

- built-in/plaster
- in stud-and-panel wall
- hand-held

The built-in version is supplied with either a mounting frame for mounting in conventional brick-and-plaster walls or a spring clip attachment device for stud-and-panel walls.
A hand-held version is also available.
For dimensions please see table.

Functions

- switching between clock and stopwatch function
- start/stop (counting upwards)
- split times
- reset

When used with PEWETA LED-OP-in-wall clocks, no separate power supply is required. Connected to clock by 4-core-wire, such as LIYCY-0 4 x 0.25 mm² (standard length of cir. 5 m is supplied with control unit).

02.**498**.101 shown

Mounting dimensions	02.**498**.100	02.**498**.101
wall breakout (width x height)	cir. 150 x 150 mm	cir. 135 x 125 mm
space required for spring clips (width)	not applicable	cir. 250 mm
front panel (width x height)	cir. 150 x 150 mm	cir. 150 x 150 mm
minimum depth without mounting frame	37.5 mm	34.5 mm

Dimensions	02.**498**.102
width x height x depth	cir. 43 x 125 x 25 mm
weight	cir. 250 g

If interested please ask for data and dimension sheet.

Type	**Item No.**	**€ each**
Remote control with mounting frame for in-wall mounting, stainless steel V4A	02.**498**.100	**795.–**
Remote control for stud-and-panel wall mounting by means of spring clip attachment device, stainless steel V4A (no mounting frame required)	02.**498**.101	**795.–**
Hand-held remote control, stainless steel V4A	02.**498**.102	**795.–**

02.**498**.102

Stainless steel V4A
Due to its components stainless steel V4A is not only completely impervious to detergents and disinfectants but also to acids and other aggressive media.
The flush-mounted clocks of this type series are therefore particularly suited for the use surgical operating rooms and other clean rooms.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

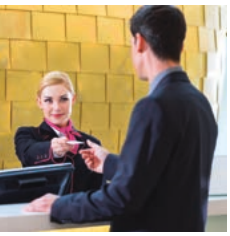
Digital Clocks

indoor · single and double-sided

"Thirteen fortyfive" – contrary to analog clocks, digital clocks soundlessly indicate the time in a 24-hour mode.
This is particularly recommended for radio stations and TV studios, in world time clock systems and for places of high publicity, e. g. bank areas – locations where exact time should be shown in combination with the date.

LED Digital Clocks

for offices, production areas, and places of high publicity



Indoor
digital
single and
double-sided

Type series
510

81.**510**.551 shown

LED digital clocks, single or double-sided with distinct, brightly lit LED bars guarantee optimal reading clearness.

81.**510**.551 **-78**

71.**510**.553 **-79**

Case
- cir. 320 x 150 x 34 mm (cipher height 57 mm)
- cir. 520 x 250 x 43 mm (cipher height 100 mm)

Extra flat, very sturdy metal case, enamelled black (RAL 9005).
Protection grade IP 40 (EN 60 529).

Mounting
- Single-sided version for on-wall mounting, optionally with an additional, sturdy wall or ceiling mounting bracket (accessory)
- Double-sided version includes sturdy wall or ceiling mounting bracket.

LED digital display
- cipher height 57 mm
- cipher height 100 mm

Single line display showing hours and minutes, 4 digits, bar-type 7-segment LED ciphers, colour red (optionally amber, green or blue at a surcharge). Automatic brightness control. Menu selection for hour offset and suppression of leading zero. Minimum 100 hours data retention in case of power loss. Operating voltage 230 V AC/50...60 Hz (12 V DC/AC optional). Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2)].

Front glass
Flat acrylic glass.

Double-sided LED digital clocks
Double-sided clocks come completely wired and assembled.
All settings will be taken over by both sides automatically!

Technical data		Cipher height 57 mm	Cipher height 100 mm
Case	colour	black (RAL 9005)	black (RAL 9005)
	dimensions (length x width x depth)	cir. 320 x 150 x 34 mm	cir. 520 x 250 x 43 mm
Display	cipher height hours, minutes	cir. 57 mm	cir. 100 mm
	reading distance	cir. 20 m	cir. 40 m
Power consumption	display	max. 5 VA	max. 6 VA

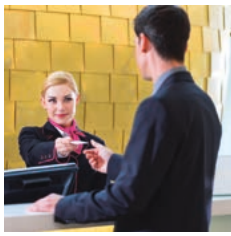
Single-sided version (on-wall mounting)	Cipher height ▶ Operating voltage ▼	57 mm Item No.	€ each	100 mm Item No.	€ each
Quartz clock	230 VAC	42.**510**.551	**660.–**	42.**510**.951	**1,110.–**
DCF77 radio controlled clock [1]	230 VAC	52.**510**.551	**820.–**	52.**510**.951	**1,270.–**
Slave clock, minute pulse 24 V	230 VAC	71.**510**.551	**750.–**	71.**510**.951	**1,200.–**
Telegram slave clock, *DCFport24* [2]	*DCFport24*	81.**510**.551	**750.–**	81.**510**.951	**1,200.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.**510**.551	**750.–**	83.**510**.951	**1,200.–**
RC telegram slave clock, *AirPort24*	230 VAC	85.**510**.551	**860.–**	85.**510**.951	**1,310.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [3]	PoE	91.**510**.551	**810.–**	91.**510**.951	**1,260.–**
NTP system clock (NTP client), synchronisation by LAN [4]	230 VAC	93.**510**.551	**840.–**	93.**510**.951	**1,290.–**

Double-sided version (incl. wall and ceiling mounting bracket respectively)	Cipher height ▶ Mounting ▼	57 mm Item No.	€ each	100 mm Item No.	€ each
Quartz clock, operating voltage 230 VAC	wall	42.**510**.552	**1,480.–**		**not available**
	ceiling	42.**510**.553	**1,480.–**	42.**510**.953	**2,380.–**
DCF77 radio controlled clock, operating voltage 230 VAC [1]	wall	52.**510**.552	**1,640.–**		**not available**
	ceiling	52.**510**.553	**1,640.–**	52.**510**.953	**2,540.–**
Slave clock, minute pulse 24 V, operating voltage 230 VAC	wall	71.**510**.552	**1,570.–**		**not available**
	ceiling	71.**510**.553	**1,570.–**	71.**510**.953	**2,470.–**
Telegram slave clock, *DCFport24*, operating voltage *DCFport24* [2]	wall	81.**510**.552	**1,570.–**		**not available**
	ceiling	81.**510**.553	**1,570.–**	81.**510**.953	**2,470.–**
Telegram slave clock, *DCFport24*, operating voltage 230 VAC	wall	83.**510**.552	**1,570.–**		**not available**
	ceiling	83.**510**.553	**1,570.–**	83.**510**.953	**2,470.–**
RC telegram slave clock, *AirPort24*, operating voltage 230 VAC	wall	85.**510**.552	**1,680.–**		**not available**
	ceiling	85.**510**.553	**1,680.–**	85.**510**.953	**2,580.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [3], operating voltage 230 VAC	wall	91.**510**.552	**1,630.–**		**not available**
	ceiling	91.**510**.553	**1,630.–**	91.**510**.953	**2,530.–**
NTP system clock (NTP client), synchronisation by LAN [4], operating voltage 230 VAC	wall	93.**510**.552	**1,660.–**		**not available**
	ceiling	93.**510**.553	**1,660.–**	93.**510**.953	**2,560.–**

Accessories	Item No.	€ each
Mounting bracket for 1 single-sided clock, on wall, bracket length cir. 125 mm (for LED clocks with 57 mm cipher height only)	01.**500**.102	**189.–**
Mounting bracket for 1 single-sided clock, on ceiling, bracket length cir. 130 mm	01.**500**.103	**189.–**
Metal cover for wall or ceiling mounting bracket	01.**500**.137	**125.–**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Operating voltage 12 VDC (instead of 230 VAC)	**-70**	**none**
Amber LEDs (57 mm cipher height only)	**-78**	**on request**
Green LEDs (57 mm cipher height only)	**-79**	**on request**
Blue LEDs (57 mm cipher height only)	**-80**	**on request**
Alternating date display	**-81**	**on request**
PEWETA *digital RS 485* master (output)	**-82**	**100.–**
PEWETA *digital RS 485* slave (input)	**-83**	**100.–**
Alternating temperature display (external temperature sensor included)	**-88**	**295.–**
Input for GPS radio control, incl. GPS receiving aerial (IP 65/EN 60 529)	**-95**	**695.–**

[1] A remotable DCF77 receiving aerial (IP 68) is included in delivery shipment.
[2] Due to power consumption the number of clocks within the system/network is limited. Please ask for details when interested.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.



Indoor
digital
single and
double-sided

Type series
510

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

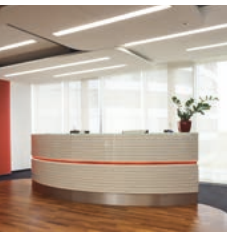
PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Clocks

for offices, production areas, and places of high publicity



Indoor
digital
single and
double-sided

Type series
511

81.**511**.551 shown

LED digital clocks, single or double-sided with distinct, brightly lit LED bars guarantee optimal reading clearness.

43.**548**.251

71.**511**.553 **-89**

Case

- cir. 440 x 150 x 34 mm (cipher height 57 mm)
- cir. 770 x 250 x 43 mm (cipher height 100 mm)

Extra flat, very sturdy metal case, enamelled black (RAL 9005).
Protection grade IP 40 (EN 60529).

Mounting

- Single-sided version for on-wall mounting, optionally with an additional, sturdy wall or ceiling mounting bracket (accessory)
- Double-sided version includes sturdy wall or ceiling mounting bracket.

LED digital display

- cipher height 57 mm (option: 38 mm for seconds)
- cipher height 100 mm

Single line display showing hours, minutes and seconds, 6-digits, bar-type 7-segment LED ciphers, colour red (optionally amber, green or blue at a surcharge). Automatic brightness control. Menu selection for hour offset and suppression of leading zero. Minimum 100 hours data retention in case of power loss. Operating voltage 230 V AC/50...60 Hz (12 V DC/AC optional). Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2].

Stopwatch mode (option)

These clocks can be fitted with an additional stopwatch mode (count-up/count-down). This mode is controlled by a wire-bound »Basic PRO« control unit (accessory). For technical details see page 90.

Front glass

Flat acrylic glass.

Double-sided LED digital clocks
Double-sided clocks come completely wired and assembled.
All settings will be taken over by both sides automatically!

Technical data		Cipher height 57 mm	Cipher height 100 mm
Case	colour	black (RAL 9005)	black (RAL 9005)
	dimensions (length x width x depth)	cir. 440 x 150 x 34 mm	cir. 770 x 250 x 43 mm
Display	cipher height hours, minutes, seconds	cir. 57 mm	cir. 100 mm
	reading distance	cir. 20 m	cir. 40 m
Power consumption	display	max. 5 VA	max. 6 VA

Single-sided version (on-wall mounting)	Cipher height ▶ Operating voltage ▼	57 mm Item No.	€ each	100 mm Item No.	€ each
Quartz clock	230 VAC	42.511.551	750.–	42.511.951	1,360.–
DCF77 radio controlled clock[1]	230 VAC	52.511.551	910.–	52.511.951	1,520.–
Slave clock, minute pulse 24 V	230 VAC	71.511.551	840.–	71.511.951	1,450.–
Telegram slave clock, *DCFport24*[2]	*DCFport24*	81.511.551	840.–	81.511.951	1,450.–
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.511.551	840.–	83.511.951	1,450.–
RC telegram slave clock, *AirPort24*	230 VAC	85.511.551	950.–	85.511.951	1,560.–
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.511.551	900.–	91.511.951	1,510.–
NTP system clock (NTP client), synchronisation by LAN[4]	230 VAC	93.511.551	930.–	93.511.951	1,540.–

Double-sided version (incl. wall and ceiling mounting bracket respectively)	Cipher height ▶ Mounting ▼	57 mm Item No.	€ each	100 mm Item No.	€ each
Quartz clock, operating voltage 230 VAC	wall	42.511.552	1,660.–		not available
	ceiling	42.511.553	1,660.–	42.511.953	2,990.–
DCF77 radio controlled clock, operating voltage 230 VAC[1]	wall	52.511.552	1,820.–		not available
	ceiling	52.511.553	1,820.–	52.511.953	3,150.–
Slave clock, minute pulse 24 V, operating voltage 230 VAC	wall	71.511.552	1,750.–		not available
	ceiling	71.511.553	1,750.–	71.511.953	3,080.–
Telegram slave clock, *DCFport24*, operating voltage *DCFport24*[2]	wall	81.511.552	1,750.–		not available
	ceiling	81.511.553	1,750.–	81.511.953	3,080.–
Telegram slave clock, *DCFport24*, operating voltage 230 VAC	wall	83.511.552	1,750.–		not available
	ceiling	83.511.553	1,750.–	83.511.953	3,080.–
RC telegram slave clock, *AirPort24*, operating voltage 230 VAC	wall	85.511.552	1,860.–		not available
	ceiling	85.511.553	1,860.–	85.511.953	3,190.–
NTP system clock (NTP client), synchronisation by LAN, PoE[3], operating voltage 230 VAC	wall	91.511.552	1,810.–		not available
	ceiling	91.511.553	1,810.–	91.511.953	3,140.–
NTP system clock (NTP client), synchronisation by LAN[4], operating voltage 230 VAC	wall	93.511.552	1,840.–		not available
	ceiling	93.511.553	1,840.–	93.511.953	3,170.–

Accessories	Cipher height ▶	57 mm Item No.	€ each	100 mm Item No.	€ each
Mounting bracket for 1 single-sided clock, on wall, bracket length cir. 125 mm		01.500.102	189.–		not available
Mounting bracket(s) for 1 single-sided clock, on ceiling, bracket length cir. 130 mm[5]		01.500.103	189.–	01.500.203	378.–
Metal cover(s) for wall or ceiling mounting bracket(s)[5]		01.500.137	125.–	01.500.237	250.–
Remote control unit "Basic PRO" for stopwatch function, PEWETA *digital RS485* version[6]		43.548.251	1,250.–	43.548.251	1,250.–
Remote control unit "Basic PRO" for stopwatch function, NTP/PoE version[7]		91.548.251	1,390.–	91.548.251	1,390.–

Options	Suffix	Surcharge € each
Case custom enamelled	-10	on request
Operating voltage 12 VDC (instead of 230 VAC)	-70	none
Stopwatch mode »count-up/count-down« (control unit is an accessory)	-71	169.–
Amber LEDs (57 mm cipher height only)	-78	on request
Green LEDs (57 mm cipher height only)	-79	on request
Blue LEDs (57 mm cipher height only)	-80	on request
Alternating date display	-81	on request
PEWETA *digital RS 485* master (output)	-82	100.–
PEWETA *digital RS 485* slave (input)	-83	100.–
Alternating temperature display (external temperature sensor included)	-88	295.–
Seconds display: 38 mm cipher height instead of 57 mm	-89	none
Input for GPS radio control, incl. GPS receiving aerial (IP 65/EN 60 529)	-95	695.–

[1] A remotable DCF77 receiving aerial (IP 68) is included in delivery shipment.
[2] Due to power consumption the number of clocks within the system/network is limited. Please ask for details when interested.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.
[5] For LED digital clocks with 100 mm cipher height, 2 mounting brackets per clock will always be supplied.
[6] Works with LED digital clocks including the *PEWETA digital RS485* »master« option only.
[7] Works with NTP system clock (NTP client) clock types only..

Indoor
digital
single and
double-sided

Type series
511

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Calendar Clocks

for banks, reception areas, and other places of high publicity

Indoor
digital
single and
double-sided

Type series
512

91.**512**.551 shown

LED digital clocks, single or double-sided, with distinct, brightly lit LED bars guarantee optimal reading clearness.

Case

- cir. 670 x 150 x 34 mm

Extra flat, very sturdy metal case, enamelled black (RAL 9005).
Protection grade IP 40 (EN 60 529).

Mounting

- Single-sided version for on-wall mounting, optionally with additional, sturdy ceiling mounting brackets (accessory)
- Double-sided version includes sturdy ceiling mounting brackets.

LED digital display

Single line display showing 10-character alphanumeric date, character height 30 mm, adjustable to various date formats, and numeric time, 4 digits for hours and minutes, cipher height 57 mm. Reading distance cir. 18..20 m. Bar-type 7-segment LED ciphers and 16-segment LED characters, respectively, colour red. Automatic brightness control. Menu selection for hour offset and suppression of leading zero. Minimum 100 hours data retention in case of power loss. Operating voltage 230 VAC/50...60 Hz (12 VDC/AC optional). Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2].

Front glass

Flat acrylic glass.

Double-sided LED digital clocks
Double-sided clocks come completely wired and assembled.
All settings will be taken over by both sides automatically!

91.**512**.551

91.**512**.553

Various date formats are adjustable by menu

91.**512**.551 **-75**

City name displayed when the clock is part of a World Time Clock system

Technical data		
Case	colour	black (RAL 9005)
	dimensions (length x width x depth)	cir. 670 x 150 x 34 mm
Display	cipher height hour/minute	cir. 57 mm
	cipher height date	cir. 30 mm
	reading distance	cir. 18...20 m
Power consumption	display	max. 5 VA

Single-sided version (on-wall mounting)	Operating voltage	Item No.	€ each
Quartz clock	230 VAC	42.**512**.551	**1,250.–**
DCF77 radio controlled clock[1]	230 VAC	52.**512**.551	**1,410.–**
Slave clock, minute pulse 24 V	230 VAC	71.**512**.551	**1,340.–**
Telegram slave clock, *DCFport24*[2]	*DCFport24*	81.**512**.551	**1,340.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.**512**.551	**1,340.–**
RC telegram slave clock, *AirPort24*	230 VAC	85.**512**.551	**1,450.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.**512**.551	**1,400.–**
NTP system clock (NTP client), synchronisation by LAN[4]	230 VAC	93.**512**.551	**1,430.–**

Double-sided version (on-wall mounting)	Operating voltage	Item No.	€ each
Quartz clock	230 VAC	42.**512**.553	**2,800.–**
DCF77 radio controlled clock[1]	230 VAC	52.**512**.553	**2,960.–**
Slave clock, minute pulse 24 V	230 VAC	71.**512**.553	**2,890.–**
Telegram slave clock, *DCFport24*[2]	*DCFport24*	81.**512**.553	**2,890.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.**512**.553	**2,890.–**
RC telegram slave clock, *AirPort24*	230 VAC	85.**512**.553	**3,000.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.**512**.553	**2,950.–**
NTP system clock (NTP client), synchronisation by LAN[4]	230 VAC	93.**512**.553	**2,980.–**

Accessories	Item No.	€ each
Mounting brackets for 1 single-sided clock, on ceiling, bracket length cir. 130 mm	01.**500**.203	**378.–**
Metal covers for wall or ceiling mounting brackets	01.**500**.237	**250.–**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Operating voltage 12 VDC (instead of 230 VAC)	**-70**	**none**
City pre-sets for World Time Clock Systems	**-75**	**139.–**
PEWETA *digital RS 485* master (output)	**-82**	**100.–**
PEWETA *digital RS 485* slave (input)	**-83**	**100.–**
Alternating temperature display (external temperature sensor included)	**-88**	**295.–**
Input for GPS radio control, incl. GPS receiving aerial (IP 65/EN 60 529)	**-95**	**695.–**

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] Due to power consumption the number of clocks within the system/ network is limited. Please ask for details when interested.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.

Indoor
digital
single and
double-sided

Type series
512

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Calendar Clocks

for banks, reception areas, and other places of high publicity

Indoor
digital
single and
double-sided

Type series
514

91.**514**.551 shown

LED digital clocks, single or double-sided with distinct, brightly lit LED bars guarantee optimal reading clearness.

83.**514**.553 **-74**

83.**514**.551 **-74 -89**

Case

- cir. 440 x 250 x 34 mm

Extra flat, very sturdy metal case, enamelled black (RAL 9005).
Protection grade IP 40 (EN 60 529).

Mounting

- Single-sided version for on-wall mounting, optionally with additional, sturdy wall or ceiling mounting brackets (accessory)
- Double-sided version includes sturdy wall or ceiling mounting brackets.

LED digital display

2-line display, top line showing hours and minutes, cipher height 57 mm, (optional seconds: cipher height 57 mm or 38 mm), bottom line showing 10-character alphanumeric date, character height 30 mm. Bar-type 7-segment LED ciphers and 16-segment LED characters, respectively, colour red. Automatic brightness control. Menu selection for hour offset and suppression of leading zero. Minimum 100 hours data retention in case of power loss. Operating voltage 230 VAC/50...60 Hz (12 VDC/AC optional). Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2].

Front glass

Flat acrylic glass.

Double-sided LED digital clocks
Double-sided clocks come completely wired and assembled.
All settings will be taken over by both sides automatically!

Technical data		
Case	colour	black (RAL 9005)
	dimensions (length x width x depth)	cir. 440 x 250 x 34 mm
Display	cipher height hours, minutes	cir. 57 mm
	cipher height date	cir. 30 mm
	cipher height seconds (option)	cir. 38 or 57 mm
	reading distance	cir. 18...20 m
Power consumption	display	max. 5 VA

Single-sided version (on-wall mounting)	Operating voltage	Item No.	€ each
Quartz clock	230 VAC	42.**514**.551	**1,250.–**
DCF77 radio controlled clock[1]	230 VAC	52.**514**.551	**1,410.–**
Slave clock, minute pulse 24 V	230 VAC	71.**514**.551	**1,340.–**
Telegram slave clock, *DCFport24*[2]	*DCFport24*	81.**514**.551	**1,340.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.**514**.551	**1,340.–**
RC telegram slave clock, *AirPort24*	230 VAC	85.**514**.551	**1,450.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.**514**.551	**1,400.–**
NTP system clock (NTP client), synchronisation by LAN[4]	230 VAC	93.**514**.551	**1,430.–**

Double-sided version (incl. wall or ceiling mounting brackets)	Mounting	Item No.	€ each
Quartz clock, operating voltage 230 VAC	wall	42.**514**.552	**2,800.–**
	ceiling	42.**514**.553	**2,800.–**
DCF77 radio controlled clock, operating voltage 230 VAC[1]	wall	52.**514**.552	**2,960.–**
	ceiling	52.**514**.553	**2,960.–**
Slave clock, minute pulse 24 V, operating voltage 230 VAC	wall	71.**514**.552	**2,890.–**
	ceiling	71.**514**.553	**2,890.–**
Telegram slave clock, *DCFport24*, operating voltage *DCFport24*[2]	wall	81.**514**.552	**2,890.–**
	ceiling	81.**514**.553	**2,890.–**
Telegram slave clock, *DCFport24*, operating voltage 230 VAC	wall	83.**514**.552	**2,890.–**
	ceiling	83.**514**.553	**2,890.–**
RC telegram slave clock, *AirPort24*, operating voltage 230 VAC	wall	85.**514**.552	**3,000.–**
	ceiling	85.**514**.553	**3,000.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3], operating voltage 230 VAC	wall	91.**514**.552	**2,950.–**
	ceiling	91.**514**.553	**2,950.–**
NTP system clock (NTP client), synchronisation by LAN[4], operating voltage 230 VAC	wall	93.**514**.552	**2,980.–**
	ceiling	93.**514**.553	**2,980.–**

Accessories	Item No.	€ each
Mounting brackets for 1 single-sided clock, on wall, bracket length cir. 125 mm	01.**500**.202	**378.–**
Mounting brackets for 1 single-sided clock, on ceiling, bracket length cir. 130 mm	01.**500**.203	**378.–**
Metal covers for wall or ceiling mounting brackets	01.**500**.237	**250.–**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Operating voltage 12 VDC (instead of 230 VAC)	**-70**	**none**
Additional 2-digit seconds display, height 57 mm	**-74**	**169.–**
City pre-sets for World Time Clock Systems	**-75**	**139.–**
PEWETA *digital RS 485* master (output)	**-82**	**100.–**
PEWETA *digital RS 485* slave (input)	**-83**	**100.–**
Alternating temperature display (external temperature sensor included)	**-88**	**295.–**
Second display: 38 mm cipher height instead of 57 mm	**-89**	**none**
Input for GPS radio control, incl. GPS receiving aerial (IP 65/EN 60 529)	**-95**	**695.–**

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] Due to power consumption the number of clocks within the system/ network is limited. Please ask for details when interested.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.

Indoor
digital
single and
double-sided

Type series
514

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Calendar Clocks

for banks, reception areas, and other places of high publicity

Indoor
digital
single and
double-sided

Type series
515

81.**515**.551 shown

LED digital clocks, single or double-sided with distinct, brightly lit LED bars guarantee optimal reading clearness.

71.**515**.553 **-74**

81.**515**.551 **-74 -89**

Case

- cir. 440 x 300 x 34 mm

Extra flat, very sturdy metal case, enamelled black (RAL 9005).
Protection grade IP 40 (EN 60 529).

Mounting

- Single-sided version for on-wall mounting, optionally with additional, sturdy wall or ceiling mounting brackets (accessory)
- Double-sided version includes sturdy wall or ceiling mounting brackets.

LED digital display

2-line numeric display, top line showing hours and minutes, cipher height 57 mm (optional seconds: cipher height 57 mm or 38 mm), bottom line showing 8-digit numeric date, cipher height 45 mm, readable from 18...20 m distance. All ciphers are bar-type 7-segment LED, colour red. Automatic brightness control. Menu selection for hour offset and suppression of leading zero. Minimum 100 hours data retention in case of power loss. Operating voltage 230 VAC/50...60 Hz (12 VDC /AC optional). Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2)].

Front glass

Flat acrylic glass.

Double-sided LED digital clocks
Double-sided clocks come completely wired and assembled.
All settings will be taken over by both sides automatically!

Technical data		
Case	colour	black (RAL 9005)
	dimensions (length x width x depth)	cir. 440 x 300 x 34 mm
Display	cipher height hours, minutes	cir. 57 mm
	cipher height date	cir. 45 mm
	cipher height seconds (option)	cir. 38 or 57 mm
	reading distance	cir. 18...20 m
Power consumption	display	max. 5 VA

Single-sided version (on-wall mounting)	Operating voltage	Item No.	€ each
Quartz clock	230 VAC	42.**515**.551	**1,240.–**
DCF77 radio controlled clock[1]	230 VAC	52.**515**.551	**1,400.–**
Slave clock, minute pulse 24 V	230 VAC	71.**515**.551	**1,330.–**
Telegram slave clock, *DCFport24*[2]	*DCFport24*	81.**515**.551	**1,330.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.**515**.551	**1,330.–**
RC telegram slave clock, *AirPort24*	230 VAC	85.**515**.551	**1,440.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.**515**.551	**1,390.–**
NTP system clock (NTP client), synchronisation by LAN[4]	230 VAC	93.**515**.551	**1,420.–**

Double-sided version (incl. wall or ceiling mounting brackets)	Mounting	Item No.	€ each
Quartz clock, operating voltage 230 VAC	wall	42.**515**.552	**2,780.–**
	ceiling	42.**515**.553	**2,780.–**
DCF77 radio controlled clock, operating voltage 230 VAC[1]	wall	52.**515**.552	**2,940.–**
	ceiling	52.**515**.553	**2,940.–**
Slave clock, minute pulse 24 V, operating voltage 230 VAC	wall	71.**515**.552	**2,870.–**
	ceiling	71.**515**.553	**2,870.–**
Telegram slave clock, *DCFport24*, operating voltage *DCFport24*[2]	wall	81.**515**.552	**2,870.–**
	ceiling	81.**515**.553	**2,870.–**
Telegram slave clock, *DCFport24*, operating voltage 230 VAC	wall	83.**515**.552	**2,870.–**
	ceiling	83.**515**.553	**2,870.–**
RC telegram slave clock, *AirPort24*, operating voltage 230 VAC	wall	85.**515**.552	**2,980.–**
	ceiling	85.**515**.553	**2,980.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3], operating voltage 230 VAC	wall	91.**515**.552	**2,930.–**
	ceiling	91.**515**.553	**2,930.–**
NTP system clock (NTP client), synchronisation by LAN[4], operating voltage 230 VAC	wall	93.**515**.552	**2,960.–**
	ceiling	93.**515**.553	**2,960.–**

Accessories	Item No.	€ each
Mounting brackets for 1 single-sided clock, on wall, bracket length cir. 125 mm	01.**500**.202	**378.–**
Mounting brackets for 1 single-sided clock, on ceiling, bracket length cir. 130 mm	01.**500**.203	**378.–**
Metal covers for wall or ceiling mounting brackets	01.**500**.237	**250.–**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Operating voltage 12 VDC (instead of 230 VAC)	**-70**	**none**
Additional 2-digit seconds display, height 57 mm	**-74**	**169.–**
PEWETA *digital RS 485* master (output)	**-82**	**100.–**
PEWETA *digital RS 485* slave (input)	**-83**	**100.–**
Alternating temperature display (external temperature sensor included)	**-88**	**295.–**
Second display: 38 mm cipher height instead of 57 mm	**-89**	**none**
Input for GPS radio control, incl. GPS receiving aerial (IP 65/EN 60 529)	**-95**	**695.–**

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] Due to power consumption the number of clocks within the system/ network is limited. Please ask for details when interested.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.

Indoor
digital
single and
double-sided

Type series
515

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

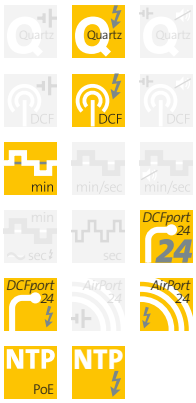
All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Calendar Clocks

for banks, reception areas, and other places of high publicity

Indoor
digital
single and
double-sided

Type series
516



81.**516**.551 shown

LED digital clocks, single or double-sided with distinct, brightly lit LED bars guarantee optimal reading clearness.

71.**516**.553 **-74**

81.**516**.551 **-74 -89**

Case

- cir. 440 x 300 x 34 mm

Extra flat, very sturdy metal case, enamelled black (RAL 9005).
Protection grade IP 40 (EN 60 529).

Mounting

- Single-sided version for on-wall mounting, optionally with additional, sturdy wall or ceiling mounting brackets (accessory)
- Double-sided version includes sturdy wall or ceiling mounting brackets.

LED digital display

3-line display, top line showing hours and minutes, cipher height 57 mm, (optional seconds: cipher height 57 mm or 38 mm), middle line showing day of the week spelled out (up to 10 characters, character height 30 mm), bottom line showing 8-digit numeric date, cipher height 45 mm. Bar-type 7-segment LED ciphers, resp. 16-segment LED characters, colour red. Automatic brightness control. Menu selection for hour offset and suppression of leading zero. Minimum 100 hours data retention in case of power loss. Operating voltage 230 VAC/50...60 Hz (12 VDC/AC optional). Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2)].

Front glass

Flat acrylic glass.

Double-sided LED digital clocks
Double-sided clocks come completely wired and assembled.
All settings will be taken over by both sides automatically!

Technical data		
Case	colour	black (RAL 9005)
	dimensions (length x width x depth)	cir. 440 x 300 x 34 mm
Display	cipher height hours, minutes	cir. 57 mm
	cipher height date	cir. 45 mm
	cipher height day of week	cir. 30 mm
	cipher height seconds (option)	cir. 38 or 57 mm
	reading distance	cir. 18...20 m
Power consumption	display	max. 5 VA

Single-sided version (on-wall mounting)	Operating voltage	Item No.	€ each
Quartz clock	230 VAC	42.**516**.551	**1,500.–**
DCF77 radio controlled clock[1]	230 VAC	52.**516**.551	**1,660.–**
Slave clock, minute pulse 24 V	230 VAC	71.**516**.551	**1,590.–**
Telegram slave clock, *DCFport24*[2]	*DCFport24*	81.**516**.551	**1,590.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.**516**.551	**1,590.–**
RC telegram slave clock, *AirPort24*	230 VAC	85.**516**.551	**1,700.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.**516**.551	**1,650.–**
NTP system clock (NTP client), synchronisation by LAN[4]	230 VAC	93.**516**.551	**1,680.–**

Double-sided version (incl. wall or ceiling mounting brackets)	Mounting	Item No.	€ each
Quartz clock, operating voltage 230 VAC	wall ceiling	42.**516**.552 42.**516**.553	**3,300.–** **3,300.–**
DCF77 radio controlled clock, operating voltage 230 VAC[1]	wall ceiling	52.**516**.552 52.**516**.553	**3,540.–** **3,540.–**
Slave clock, minute pulse 24 V, operating voltage 230 VAC	wall ceiling	71.**516**.552 71.**516**.553	**3,480.–** **3,480.–**
Telegram slave clock, *DCFport24*, operating voltage *DCFport24*[2]	wall ceiling	81.**516**.552 81.**516**.553	**3,480.–** **3,480.–**
Telegram slave clock, *DCFport24*, operating voltage 230 VAC	wall ceiling	83.**516**.552 83.**516**.553	**3,480.–** **3,480.–**
RC telegram slave clock, *AirPort24*, operating voltage 230 VAC	wall ceiling	85.**516**.552 85.**516**.553	**3,700.–** **3,700.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3], operating voltage 230 VAC	wall ceiling	91.**516**.552 91.**516**.553	**3,600.–** **3,600.–**
NTP system clock (NTP client), synchronisation by LAN[4], operating voltage 230 VAC	wall ceiling	93.**516**.552 93.**516**.553	**3,660.–** **3,660.–**

Accessories	Item No.	€ each
Mounting brackets for 1 single-sided clock, on wall, bracket length cir. 125 mm	01.**500**.202	**378.–**
Mounting brackets for 1 single-sided clock, on ceiling, bracket length cir. 130 mm	01.**500**.203	**378.–**
Metal covers for wall or ceiling mounting brackets	01.**500**.237	**250.–**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Operating voltage 12 VDC (instead of 230 VAC)	**-70**	**none**
Additional 2-digit seconds display, height 57 mm	**-74**	**169.–**
PEWETA *digital RS 485* master (output)	**-82**	**100.–**
PEWETA *digital RS 485* slave (input)	**-83**	**100.–**
Alternating temperature display (external temperature sensor included)	**-88**	**295.–**
Second display: 38 mm cipher height instead of 57 mm	**-89**	**none**
Input for GPS radio control, incl. GPS receiving aerial (IP 65/EN 60 529)	**-95**	**695.–**

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] Due to power consumption the number of clocks within the system/ network is limited. Please ask for details when interested.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.

Indoor
digital
single and
double-sided

Type series
516

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

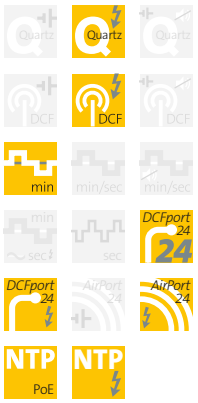
NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Clocks with rim-circle seconds indication
ideal for broadcasting facilities and places of high publicity

Indoor
digital
single-sided

Type series
525



83.**525**.551 **-77** shown

83.**525**.551 **-77** shown

83.**525**.551 **-75 -77** shown

83.**525**.551 **-77 -88** shown

This 400 x 400 mm wall clock as standard shows the digital time in hours and minutes and has a circumferential ring of red LED bar marks that show the seconds, counting up. An additional 8-character alphanumeric LED display line makes this clock a veritable "information centre". Depending on the features selected this clock is capable of providing all the information required for the assigned function – exact, professional, attractive, and outright reliable!

Possible indications:
- 8-digit date display (24. 08. 2026)
- day of the week, spelled out (Monday)
- day of the week, abbreviated and date (Mon 24. 08.)
- day of month and abbreviated month (24. Aug 26), multilingual
- additional display for seconds (48)
- stopwatch function (hh/mm/ss)
- temperature (20°C)
- city names at customer's choice with corresponding world time and time-zone details (city pre-sets, see pages 84 and 85).

Whether as a single clock, as a calendar clock full of information or integrated as "master" or "slave" in a World Time Display System – this clock speaks all languages and meets all demands!

Case
■ cir. 400 mm diameter
metal, as standard enamelled jet black (RAL 9005). Optionally, at a surcharge, custom enamelled or with stainless steel case (1.4301 X5CrNi 18-10, German trade name V2A), in a matted finish.
Protection grade IP 40 (EN 60 529).

LED digital display(s)
4-digit hour and minute display, bar-type 7-segment LED ciphers, height 57 mm, colour red. Circumferential ring of red LED bars indicating the seconds, counting up. Automatic brightness control. Hour offset or leading zero selectable via menu. Minimum 100 hours data retention in case of power loss. Operating voltage 230 VAC/50...60 Hz (12 VDC/12 VAC optional). Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2].

Alphanumeric display (option)
16-segment alphanumeric LED bar character display, up to 8 characters, character height 30 mm, to display numeric and alphanumeric information, e. g. day of the week, month, date, and seconds. At a surcharge, end times (stopwatch mode, option) or city names (option), can be displayed. Selection via menu. Alternating display possible. Various languages.

Front glass
Flat, shock-resistant Plexiglas®.

World Time Display System (option)
PEWETA LED digital clocks can be integrated into a professional and intelligent World Time Display System by the PEWETA *digital RS 485* data bus. Each individual LED digital clock receives the "pre-sets" pertaining to various time zones and city names. Upon selection of a time zone, local time will be displayed, regarding zone offset and local change-over dates for summer and winter time.

Stopwatch mode (option)
These clocks can be fitted with an additional stopwatch mode (count-up/count-down). The 8-digit alphanumeric display (option) will show hours, minutes and seconds, counting up from start or down from a pre-selected value. This mode is controlled by a wire-bound »Basic PRO« control unit (accessory). For technical data see page 90.

Clock type	Operating voltage	Item No.	€ each
Quartz clock	230 VAC	42.**525**.551	**1,490.–**
DCF77 radio controlled clock[1]	230 VAC	52.**525**.551	**1,650.–**
Slave clock, minute pulse 24 V	230 VAC	71.**525**.551	**1,580.–**
Telegram slave clock, *DCFport24*, 24 V[2]	*DCFport24*	81.**525**.551	**1,580.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.**525**.551	**1,580.–**
RC telegram slave clock, *AirPort24*	230 VAC	85.**525**.551	**1,690.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.**525**.551	**1,640.–**
NTP system clock (NTP client), synchronisation by LAN[4]	230 VAC	93.**525**.551	**1,670.–**

Accessories	Item No.	€ each
Remote control unit "Basic PRO" for stopwatch function, *PEWETA digital RS485 version*[5]	43.**548**.251	**1,250.–**
Remote control unit "Basic PRO" for stopwatch function, NTP/PoE version[6]	91.**548**.251	**1,390.–**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Case stainless steel V2A, matted finish	**-20**	**109.–**
Operating voltage 12 VDC (instead of 230 VAC)	**-70**	**none**
Stopwatch mode »count-up/count-down« (control unit is an accessory)	**-71**	**169.–**
City pre-sets for World Time Clock Systems	**-75**	**139.–**
Additional 8-character alphanumeric display	**-77**	**325.–**
PEWETA *digital RS 485* master (output)	**-82**	**100.–**
PEWETA *digital RS 485* slave (input)	**-83**	**100.–**
Alternating temperature display (external temperature sensor included)	**-88**	**295.–**
Input for GPS radio control, incl. GPS receiving aerial (IP 65/EN 60 529)	**-95**	**695.–**

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

43.**548**.251

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] Due to power consumption the number of clocks within the system/network is limited. Please ask for details when interested.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.
[5] Works with LED digital clocks including the *PEWETA digital RS485* »master« option only.
[6] Works with NTP system clock (NTP client) clock types only..

Indoor
digital
single-sided

Type series
525

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Clocks with rim-circle seconds indication
ideal for broadcasting facilities and places of high publicity

Indoor
digital
single-sided

Type series
526

83.**526**.551 **-77** shown

83.**526**.551 **-77** shown

83.**526**.551 **-75 -77** shown

83.**526**.551 **-77 -88** shown

This 400 x 400 mm wall clock as standard shows the digital time in hours and minutes and has a circumferential ring of red LED bar marks that show the seconds, counting up. An additional 8-character alphanumeric LED display line makes this clock a veritable "information centre". Depending on the features selected this clock is capable of providing all the information required for the assigned function – exact, professional, attractive, and outright reliable!

Possible indications:

- 8-digit date display (24.08.2026)
- day of the week, spelled out (Monday)
- day of the week, abbreviated and date (Mon 24.08.)
- day of month and abbreviated month (24. Aug 26), multilingual
- additional display for seconds (48)
- stopwatch function (hh/mm/ss)
- temperature (20°C)
- city names at customer's choice with corresponding world time and time-zone details (city pre-sets, see pages 84 and 85).

Whether as a single clock, as a calendar clock full of information or integrated as "master" or "slave" in a World Time Display System – this clock speaks all languages and meets all demands!

Case
■ cir. 400 x 400 mm
metal, as standard enamelled jet black (RAL 9005). Optionally, at a surcharge, custom enamelled.
Protection grade IP 40 (EN 60 529).

LED digital display(s)
4-digit hour and minute display, bar-type 7-segment LED ciphers, height 57 mm, colour red. Circumferential ring of red LED bars indicating the seconds, counting up. Automatic brightness control. Hour offset or leading zero selectable via menu. Minimum 100 hours data retention in case of power loss. Operating voltage 230 VAC/50...60 Hz (12 VDC/12 VAC optional). Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2].

Alphanumeric display (option)
16-segment alphanumeric LED bar character display, up to 8 characters, character height 30 mm, to display numeric and alphanumeric information, e. g. day of the week, month, date, and seconds. At a surcharge, end times (stopwatch mode, option) or city names (option), can be displayed. Selection via menu. Alternating display possible. Various languages.

Front glass
Flat, shock-resistant Plexiglas®.

World Time Display System (option)
PEWETA LED digital clocks can be integrated into a professional and intelligent World Time Display System by the PEWETA *digital RS 485* data bus. Each individual LED digital clock receives the "pre-sets" pertaining to various time zones and city names. Upon selection of a time zone, local time will be displayed, regarding zone offset and local change-over dates for summer and winter time.

Stopwatch mode (option)
These clocks can be fitted with an additional stopwatch mode (count-up/count-down). The 8-digit alphanumeric display (option) will show hours, minutes and seconds, counting up from start or down from a pre-selected value. This mode is controlled by a wire-bound »Basic PRO« control unit (accessory).
For technical data see page 90.

Clock type	Operating voltage	Item No.	€ each
Quartz clock	230 VAC	42.**526**.551	**1,490.–**
DCF77 radio controlled clock[1]	230 VAC	52.**526**.551	**1,650.–**
Slave clock, minute pulse 24 V	230 VAC	71.**526**.551	**1,580.–**
Telegram slave clock, *DCFport24*, 24 V[2]	*DCFport24*	81.**526**.551	**1,580.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 VAC	83.**526**.551	**1,580.–**
RC telegram slave clock, *AirPort24*	230 VAC	85.**526**.551	**1,690.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.**526**.551	**1,640.–**
NTP system clock (NTP client), synchronisation by LAN[4]	230 VAC	93.**526**.551	**1,670.–**

Accessories	Item No.	€ each
Remote control unit "Basic PRO" for stopwatch function, *PEWETA digital RS485 version*[5]	43.**548**.251	**1,250.–**
Remote control unit "Basic PRO" for stopwatch function, NTP/PoE version[6]	91.**548**.251	**1,390.–**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Operating voltage 12 VDC (instead of 230 VAC)	**-70**	**none**
Stopwatch mode »count-up/count-down« (control unit is an accessory)	**-71**	**169.–**
City pre-sets for World Time Clock Systems	**-75**	**139.–**
Additional 8-character alphanumeric display	**-77**	**295.–**
PEWETA *digital RS 485* master (output)	**-82**	**100.–**
PEWETA *digital RS 485* slave (input)	**-83**	**100.–**
Alternating temperature display (external temperature sensor included)	**-88**	**295.–**
Input for GPS radio control, incl. GPS receiving aerial (IP 65/EN 60 529)	**-95**	**695.–**

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

43.**548**.251

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] Due to power consumption the number of clocks within the system/network is limited. Please ask for details when interested.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.
[5] Works with LED digital clocks including the *PEWETA digital RS485* »master« option only.
[6] Works with NTP system clock (NTP client) clock types only..

Indoor
digital
single-sided

Type series
526

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED World Time Clocks

as stand-alone units or combined into an integrated system

Indoor
digital
single-sided

Type series
535

42.**535**.521 shown

42.**535**.531 shown

These PEWETA World Time Displays can be used as stand-alone units as well as combined with further LED World Time Displays into an integrated system. Permanent text overlays below the time displayed indicate the names of the cities chosen. The software already contains the "pre-sets" pertaining to various time zones and city names, so that all units can easily be set up to always show the correct time.

42.**535**.911

LED digital clock, 4 digits, cipher height 100 mm, local time display

Case
- cir. 520 x 250 x 43 mm
- cir. 770 x 250 x 43 mm

sturdy metal case for on-wall mounting, as standard enamelled jet black (RAL 9005). Optionally, at a surcharge, custom enamelled.
Protection grade IP 40 (EN 60 529).

LED digital display
- Cipher height 57 mm, 4 digits, for world time displays
- Cipher height 100 mm, 4 or 6 digits, for local time displays

bar-type 7-segment LED ciphers, colour red (optionally, at a surcharge, amber, green or blue), automatic brightness control. Hour offset or leading zero may be selected via menu. Minimum 100 hours data retention in case of power loss. Operating voltage 230 V AC/50...60 Hz.

Front glass
Flat acrylic glass

City "pre-set"
City "pre-sets" turn any PEWETA LED digital clock into an intelligent, professional World Time Clock. Each display unit will receive a custom "pre-set" according to the name of the city chosen by the customer. This setting includes the individual time zone and the individual dates for change-over from summer to winter time and vice versa. Manual adjustment by menu is possible.

Alphanumeric LED digital display (option)
Alphanumeric LED digital display for city names instead of text overlays. 16-segment LED readout, max. 8 characters, character height 30 mm. The time zone desired and the name of the city are set by internal menu and may be changed at any time.

LED text display with NTP input
flexible – as desired – modern
World Time Displays combined with LED text display and NTP input options provide you with a World Time Clock system that enables you to adjust time zones and settings **flexibly** and simply all by yourself.
Time zones as well as city names can be adjusted **as desired** and can be changed at any time if required.
This provides you with a **modern** World Time Clock, that also meets all future requirements.

42.**535**.521 **-72**

Indoor
digital
single-sided

Type series
535

Clock type	Cipher height	Dimensions (WHD)	Item No.	€ each
World time display with 2 world times (hour/minute)	57 mm	cir. 520 x 250 x 43 mm	42.**535**.521	**1,590.–**
World time display with 3 world times (hour/minute)	57 mm	cir. 770 x 250 x 43 mm	42.**535**.531	**2,090.–**
Local time display, 4 digits (hour/minute)	100 mm	cir. 520 x 250 x 43 mm	42.**535**.911	**1,350.–**
Local time display, 6 digits (hour/minute/second)	100 mm	cir. 770 x 250 x 43 mm	42.**535**.921	**1,590.–**

Accessory	Item No.	€ each
External DCF77 receiving aerial (IP 68) for synchronisation with local time	03.**925**.151	**174.–**

Options	Suffix	Surcharge € each
Alphanumeric LED display for city names (instead of fixed overlay), 8 digits, cipher height 30 mm (surcharge per display/time zone)	**-72**	**369.–**
Amber LEDs (57 mm cipher height only)	**-78**	**on request**
Green LEDs (57 mm cipher height only)	**-79**	**on request**
Blue LEDs (57 mm cipher height only)	**-80**	**on request**
DCFport24 input for synchronisation with local time	**-93**	**95.–**
AirPort24 input for synchronisation with local time	**-94**	**190.–**
Input for GPS radio control, incl. GPS aerial (IP 65/EN 60 529)	**-95**	**695.–**
NTP input for system time synchronisation and/or network access via LAN (optionally incl. power supply via PoE)	**-98**	**195.–**

Examples of World Time Clock Systems

Compile your PEWETA World Time Clock System according to your individual ideas and requirements. Depending on the number of time zones desired, all types of PEWETA LED display units may be combined freely.

World Time Clock System with 5 time zones, consisting of 1 local time display (center) and 2 world time displays with 2 world times each

World Time Clock System with 7 time zones, consisting of 1 local time display (center) and 2 world time displays with 3 world times each

World Time Clock System with 7 time zones,
consisting of 1 world time display with 3 world times and 2 world time displays with 2 world times each

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Ultimatum Display

for police, armed forces and crisis management

LED-Ultimatum display

Type series
538

52.**538**.171 **-82** shown

42.**538**.851 **-83** shown

Display of an ultimatum in days, hours, minutes, and seconds.
Separate display of current date and time.
Simple operation by an external control unit.
Data transmission either via RS485 or via network/LAN.

43.**538**.200

Countdown setup on the control unit

Date/time display
Extra flat metal case for wall mounting, enamelled black,
W x H x D: cir. 1040 x 250 x 43 mm.
Single line display of date and time, high-grade LED bar display, cipher colour green.
Date display: 4-digit display of day and month, cipher height 57 mm.
Time display: 6-digit display of hours, minutes, and seconds, cipher height 100 mm. Synchronisation via DCF77, GPS, NTP, or *DCFport24* telegram from a master clock possible.

Ultimatum display
Extra flat metal case for wall mounting, enamelled black,
W x H x D: cir. 1040 x 250 x 43 mm.
Single line display of day(s) and time, high-grade LED bar display, cipher colour red.
2-digit display of days, 6-digit display of hours, minutes, and seconds, cipher height 100 mm.

Control unit
Wired control unit in a light grey table top plastic case,
W x H x D: cir. 106 x 176 x 54 mm.
LCD touch display to operate the ultimatum function or to set up a countdown.

Function
The green date/time display always shows the current date and time.
If an incident occurs, one of the following inputs must be made on the control unit:
- Input of a target date and a target time
  (Example: An ultimatum will expire tomorrow at 18:00 h)

Upon input, the control unit will calculate the time remaining in days, hours, minutes, and seconds.
The time calculated will be displayed as a countdown on the control unit as well as on the ultimatum display.
- Input of an initial value
  (Example: The ultimatum will expire in 2 days and 4 hours)

Upon input of an initial value in days, hours, minutes, and seconds, the time entered will be displayed as a countdown on the control unit as well as on the ultimatum display.

PEWETA data bus RS485 version
Date/time display, the ultimatum display, and the control unit are connected via the PEWETA RS485 data bus. The date/time display will receive the current time information from a separate input (DCF77, GPS, or *DCFport24* telegram).

The control unit is connected to the date/time display and will receive the current time information as well as its power supply from that connection.
Operating voltage of the ultimatum display and the date/time display is 230 VAC.
The PEWETA RS485 data bus system requires the date/time display as a mandatory component!

Network (LAN) version
The date/time display, the ultimatum display, and the control unit will each be connected by a LAN access point including an individual IP Address.
The control unit will receive the current time information via NTP and its power supply via PoE. Addressing via web browser allows multiple ultimatum displays to be controlled by a single control unit. The ultimatum display and the date/time display are either supplied with 230 VAC power or via PoE.
In the network system, the date/time display is active as a pure time display and is therefore not absolutely necessary. Any other PEWETA LED digital clock in its »NTP system clock« version may be included into the system for displaying the time, and time and date, respectively.

LED-Ultimatum display

Type series
538

PEWETA RS485 data bus version	Input	Operating voltage	Item No.	€ each
Date/time display, single line, green LEDs, 57/100 mm[1]	DCF77	230 VAC	52.**538**.171 **-82**	**3,350.–**
Date/time display, single line, green LEDs, 57/100 mm	*DCFport24*	230 VAC	83.**538**.171 **-82**	**3,290.–**
Ultimatum display, single line, red LEDs, 100 mm	RS485	230 VAC	42.**538**.851 **-83**	**3,490.–**
Control unit with LCD touch display for PEWETA RS485 data bus version	RS485	RS485	43.**538**.200	**1,250.–**

Network (LAN) version	Input	Operating voltage	Item No.	€ each
Date/time display, single line, green LEDs, 57/100 mm[3]	NTP/LAN	PoE[2]	91.**538**.171	**3,390.–**
		230 VAC	93.**538**.171	**3,390.–**
Ultimatum display, single line, red LEDs, 100 mm[3]	NTP/LAN	PoE[2]	91.**538**.851	**3,590.–**
		230 VAC	93.**538**.851	**3,590.–**
Control unit with LCD touch display for network (LAN) version[3]	NTP/LAN	PoE[2]	91.**538**.200	**1,390.–**

Options	Suffix	€ each
Case custom enamelled	**-10**	**on request**
Input for GPS radio control, incl. GPS aerial (IP 65/EN 60 529)	**-95**	**695.–**

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[3] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

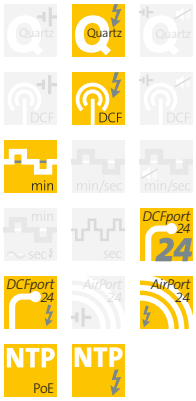
LED Digital Clocks

as modules for mounting in 19" racks (1 modular height unit)

Indoor
digital
19" rack

Type series
540

Type series
541



DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

71.**541**.250 shown

Case
19" face plate, 1 HU, aluminium, enamelled black, acrylic front glass. W x H x D: cir. 400 x 44 x 100 mm. Protection grade IP 40 (EN 60 529).

LED digital display
Display of hours, minutes, and seconds, 6 digits, bar-type 7-segment LED ciphers, height 25 mm, colour red. Choice of one or two 6-digit displays per rack module, individually selectable as either real time clock and/or stopwatch (optional). Automatic brightness control. Hour offset or leading zero may be selected via menu. Operating voltage 12 VDC (wall-plug adapter 230 VAC/12 VDC included in delivery shipment). Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2].

Stopwatch mode (option)
These clocks can be fitted with an additional stopwatch mode (count-up/count-down). The 6-digit numeric display (option) will show hours, minutes and seconds, counting up from start or down from a pre-selected value. This mode is controlled by a wire-bound »Basic PRO« control unit (accessory). For technical data see page 90.

Single display	Operating voltage	Item No.	€ each
Quartz clock	12 VDC	43.**540**.250	**980.–**
DCF77 radio controlled clock[1]	12 VDC	53.**540**.250	**1,170.–**
Slave clock, minute pulse 24 V	12 VDC	71.**540**.250	**1,070.–**
Telegram slave clock, *DCFport24*, 24 V[2]	*DCFport24*	81.**540**.250	**1,070.–**
Telegram slave clock, *DCFport24*, 12/24 V	12 VDC	83.**540**.250	**1,070.–**
RC telegram slave clock, *AirPort24*	12 VDC	85.**540**.250	**1,200.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.**540**.250	**1,190.–**
NTP system clock (NTP client), synchronisation by LAN[4]	12 VDC	93.**540**.250	**1,190.–**

Double display	Operating voltage	Item No.	€ each
Quartz clock	12 VDC	43.**541**.250	**1,450.–**
DCF77 radio controlled clock[1]	12 VDC	53.**541**.250	**1,640.–**
Slave clock, minute pulse 24 V	12 VDC	71.**541**.250	**1,540.–**
Telegram slave clock, *DCFport24*[2]	*DCFport24*	81.**541**.250	**1,540.–**
Telegram slave clock, *DCFport24*, 12/24 V	12 VDC	83.**541**.250	**1,540.–**
RC telegram slave clock, *AirPort24*	12 VDC	85.**541**.250	**1,670.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.**541**.250	**1,660.–**
NTP system clock (NTP client), synchronisation by LAN[4]	12 VDC	93.**541**.250	**1,660.–**

Accessories	Item No.	€ each
Remote control unit "Basic PRO" for stopwatch function, *PEWETA digital RS485 version*[5]	43.**548**.251	**1,250.–**
Remote control unit "Basic PRO" for stopwatch function, NTP/PoE version[6]	91.**548**.251	**1,390.–**

Options	Suffix	Surcharge € each
Stopwatch mode »count-up/count-down« (control unit is an accessory)	**-71**	**169.–**
PEWETA *digital RS 485* master (output)	**-82**	**100.–**
PEWETA *digital RS 485* slave (input)	**-83**	**100.–**
Alternating temperature display (external temperature sensor included)	**-88**	**295.–**
Input for GPS radio control, incl. GPS aerial (IP 65/EN 60 529)	**-95**	**695.–**

43.**548**.251

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] Due to power consumption the number of clocks within the system/network is limited. Please ask for details when interested.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.
[5] Works with LED digital clocks including the *PEWETA digital RS485* »master« option only.
[6] Works with NTP system clock (NTP client) clock types only..

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Clocks

as modules for mounting in 19" racks (2 modular height units)

71.**542**.550 shown

Indoor
digital
19" rack

Type series
542

Case

19" face plate, 2 HU, aluminium, enamelled black, acrylic front glass. W x H x D: cir. 400 x 88 x 40 mm. Protection grade IP 40 (EN 60 529).

LED digital display

Display of hours, minutes, and seconds, 6 digits, bar-type 7-segment LED ciphers, height 57 mm, colour red (optionally amber, green or blue at a surcharge). Automatic brightness control. Hour offset or leading zero may be selected via menu. Operating voltage 12 VDC (wall-plug adapter 230 VAC/12 VDC included in delivery shipment). Under specific circumstances, the bus voltage may suffice to operate PEWETA *DCFport24* version clocks[2].

Stopwatch mode (option)

These clocks can be fitted with an additional stopwatch mode (count-up/count-down). The 6-digit numeric display (option) will show hours, minutes and seconds, counting up from start or down from a pre-selected value. This mode is controlled by a wire-bound »Basic PRO« control unit (accessory). For technical data see page 90.

Single display	Operating voltage	Item No.	€ each
Quartz clock	12 VDC	43.**542**.550	**1,100.–**
DCF77 radio controlled clock[1]	12 VDC	53.**542**.550	**1,290.–**
Slave clock, minute pulse 24 V	12 VDC	71.**542**.550	**1,190.–**
Telegram slave clock, *DCFport24*, 24 V[2]	*DCFport24*	81.**542**.550	**1,190.–**
Telegram slave clock, *DCFport24*, 12/24 V	12 VDC	83.**542**.550	**1,190.–**
RC telegram slave clock, *AirPort24*	12 VDC	85.**542**.550	**1,320.–**
NTP system clock (NTP client), synchronisation by LAN, PoE[3]	PoE	91.**542**.550	**1,310.–**
NTP system clock (NTP client), synchronisation by LAN[4]	12 VDC	93.**542**.550	**1,310.–**

Accessories	Item No.	€ each
Remote control unit "Basic PRO" for stopwatch function, *PEWETA digital RS485 version*[5]	43.**548**.251	**1,250.–**
Remote control unit "Basic PRO" for stopwatch function, NTP/PoE version[6]	91.**548**.251	**1,390.–**

Options	Suffix	Surcharge € each
Stopwatch mode »count-up/count-down« (control unit is an accessory)	**-71**	**169.–**
Amber LEDs	**-78**	**on request**
Green LEDs	**-79**	**on request**
Blue LEDs	**-80**	**on request**
PEWETA *digital RS 485* master (output)	**-82**	**100.–**
PEWETA *digital RS 485* slave (input)	**-83**	**100.–**
Alternating temperature display (external temperature sensor included)	**-88**	**295.–**
Input for GPS radio control, incl. GPS aerial (IP 65/EN 60 529)	**-95**	**695.–**

Options – just as *you* like them ...

These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

43.**548**.251

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] Due to power consumption the number of clocks within the system/network is limited. Please ask for details when interested.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.
[4] NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.
[5] Works with LED digital clocks including the *PEWETA digital RS485* »master« option only.
[6] Works with NTP system clock (NTP client) clock types only..

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

»Basic PRO« Remote Control Unit

for LED digital clocks equipped with stopwatch mode

Remote control unit for LED digital clocks

Type series **548**

This active, wire-bound "Basic PRO" remote control unit is capable of turning PEWETA LED digital clocks into stopwatches (stopwatch mode is an option), and acts as a terminal for their operation. Connection can be established either via PEWETA *digital RS 485* data bus or via NTP. *Both versions* enable synchronous count-up/count-down functions of all connected LED digital clocks. Since each clock within the system can be addressed individually, one remote control unit can control several stopwatches in various locations or several remote control units, e.g. at different work stations, can simultaneously trigger one LED stopwatch. By means of software, these functions can be flexibly defined and can be easily selected by the user.

Case

Sturdy plastic tip-up case for desktop use. Dimensions (length x width) cir. 175 x 105 mm.
5" LCD touchscreen, active area cir. 108 x 65 mm, for easy operation. The status line at the top of the screen shows the current date and time as well as the status of the *PEWETA digital RS 485* or NTP connection, respectively.

Types

- ***PEWETA digital RS485***
  Connection to an LED digital clock via *PEWETA digital RS485 bus*. Time and date as well as operating power are transferred to the remote control from a type *PEWETA data bus RS485* „master" LED digital clock. Each remote control unit and LED digital clock can be addressed individually.
- **NTP**
  This remote control unit features a network connection (RJ45). Time and date are imported via NTP. Power is supplied via PoE (Power over Ethernet). Remote control units and LED digital clocks may be individually assigned via a web browser. Operation in connection with NTP system clock (NTP client) clock types only.

43.**548**.151 shown

Type	Item No.	€ each
Quartz time base, PEWETA *digital RS 485*	43.**548**.251	**1,250.–**
NTP/PoE	91.**548**.251	**1,390.–**

Option	Suffix	Surcharge € each
Custom-programmed software layout and (special) functions as demanded	**05.548**.200	**on request**

Functions

- **Count up**
  Count up from "00:00:00"
- **Count down**
  Enter a start value in hours, minutes, and seconds. Count down to "00:00:00"
- **Count down to (target time)**
  Enter a target time. The time remaining will be automatically calculated and displayed. Count down to "00:00:00".

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Displays

- **Time-/Date Displays**
- **Game Result Displays (Scoreboards)**

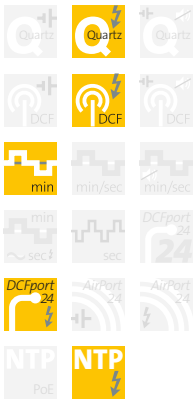
single-sided · indoor

These digital displays are champions when it comes to displaying information and results doubt-free and easy to comprehend. Optimum clearness of display combined with premium quality – a professional choice in every aspect!

LED Digital Displays, indoor
for large rooms and halls

LED digital displays
single-/double-sided, indoor

Type series
620



52.**620**.181 shown

Large, sturdy digital displays with distinct LED bars, optimum readability for large rooms and (assembly) halls.

52.**620**.183

52.**620**.181, date display

52.**620**.181 **-66,** temperature display

Further models
On request, the LED digital displays of this type series are also available with other cipher heights.

LED digital displays for outdoors
see pages 120 and 121.

Case
- cir. 880 x 264 x 39 mm (cipher height 180 mm)
- cir. 1230 x 350 x 39 mm (cipher height 250 mm)

sturdy case made from powder-coated aluminium profiles, case colour black. Protection grade IP 40 (EN 60 529).

Mounting
- single-sided type for on-wall mounting, or with additional, sturdy ceiling-mount fixture (accessory)
- double-sided type including sturdy ceiling-mount fixture, standard length 100 mm. Other lengths available on request (option).

Front glass
Flat shock-resistant plastic glass treated for low reflectivity, additional filter layer for optimum readability.

LED digital display
4-digit display with high-grade bar-type LEDs, 7-segment technology, cipher colour red (other LED colours available, see options). Cipher height 180 mm or 250 mm, manual or automatic brightness control. Alternating display of time, date, and temperature possible (intervals adjustable).
Operating voltage 230 VAC/50..60 Hz.

Infrared remote control unit
All settings and the operation of the stopwatch mode are triggered by a wireless infrared remote control unit, included in delivery shipment.

Stopwatch mode
This LED digital display can also be used as a stopwatch in count-up, count-down, and training modes.
Various modes and key functions can be set. Operation by the wireless infrared remote control unit included.

LED digital displays
single-/double-sided, indoor

Type series **620**

Technical data		Cipher height 180 mm	Cipher height 250 mm
Case	colour	black (RAL 9005)	black (RAL 9005)
	dimensions (W x H x D, single-sided version)	cir. 880 x 264 x 39 mm	cir. 1230 x 350 x 39 mm
	weight (single-sided version	cir. 7 kg	cir. 10 kg
LED display	cipher height hours/minutes	cir. 180 mm	cir. 250 mm
	cipher colour	red	red
	reading distance	cir. 70 m	cir. 100 m

Single-sided type (on-wall mounting)	**Cipher height ▶ Operating voltage ▼**	**180 mm Item No.**	**€ each**	**250 mm Item No.**	**€ each**
Quartz clock	230 VAC	42.**620**.181	**1,640.–**	42.**620**.251	**2,150.–**
DCF77 radio controlled clock, external receiving aerial included (IP 54)	230 VAC	52.**620**.181	**1,800.–**	52.**620**.251	**2,310.–**
Slave clock, minute pulse, line voltage 24 V	230 VAC	71.**620**.181	**1,700.–**	71.**620**.251	**2,210.–**
Slave clock, *DCFport24* telegram 24 V	230 VAC	83.**620**.181	**1,700.–**	83.**620**.251	**2,210.–**
Slave clock, NTP synchronisation by LAN (NTP client) [1]	230 VAC	93.**620**.181	**1,840.–**	93.**620**.251	**2,350.–**

Double-sided type (including 100 mm ceiling-mount fixtures)	**Cipher height ▶ Operating voltage ▼**	**180 mm Item No.**	**€ each**	**250 mm Item No.**	**€ each**
Quartz clock	230 VAC	42.**620**.183	**2,870.–**	42.**620**.253	**3,890.–**
DCF77 radio controlled clock, external receiving aerial included (IP 54)	230 VAC	52.**620**.183	**3,030.–**	52.**620**.253	**4,050.–**
Slave clock, minute pulse, line voltage 24 V	230 VAC	71.**620**.183	**2,930.–**	71.**620**.253	**3,950.–**
Slave clock, *DCFport24* telegram 24 V	230 VAC	83.**620**.183	**2,930.–**	83.**620**.253	**3,950.–**
Slave clock, NTP synchronisation by LAN (NTP client) [1]	230 VAC	93.**620**.183	**3,070.–**	93.**620**.253	**4,090.–**

Accessory	**Item No.**	**€ each**
Ceiling-mount fixtures for holding 1 single-sided clock, pendulum length cir. 100 mm	01.**620**.103	**200.–**

Options	**Suffix**	**Surcharge € each**
Case custom enamelled	**-10**	**on request**
Custom length mounting fixture	**-31**	**on request**
Alternating temperature display, including external temperature sensor (IP 54)	**-66**	**95.–**
White LEDs	**-76**	**on request**
Amber LEDs	**-78**	**on request**
Green LEDs	**-79**	**on request**
Blue LEDs	**-80**	**on request**

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

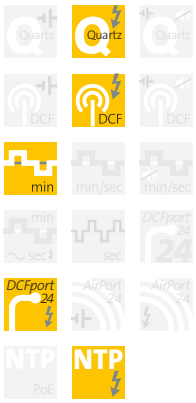
LED digital displays for outdoors
see pages 120 and 121.

[1] NTP slave clocks require a LAN connection, appropriate hardware has to be supplied by customer.

LED Digital Displays, indoor
for large rooms and halls

LED digital displays
single-/double-sided, indoor

Type series
621



52.**621**.181 shown

Large, sturdy digital displays with distinct LED bars, optimum readability for large rooms and (assembly) halls.

52.**621**.183

52.**621**.181, date display

52.**621**.181 **–66,** temperature display

Further models
On request, the LED digital displays of this type series are also available with other cipher heights.

LED digital displays for outdoors
see pages 120 and 121.

Case
- cir. 1260 x 264 x 39 mm (cipher height 180 mm)
- cir. 1720 x 350 x 39 mm (cipher height 250 mm)

sturdy case made from powder-coated aluminium profiles, case colour black. Protection grade IP 40 (EN 60 529).

Mounting
- single-sided type for on-wall mounting, or with additional, sturdy ceiling-mount fixture (accessory)
- double-sided type including sturdy ceiling-mount fixture, standard length 100 mm. Other lengths available on request (option).

Front glass
Flat shock-resistant plastic glass treated for low reflectivity, additional filter layer for optimum readability.

LED digital display
6-digit display with high-grade bar-type LEDs, 7-segment technology, cipher colour red (other LED colours available, see options). Cipher height 180 mm or 250 mm, manual or automatic brightness control. Alternating display of time, date, and temperature possible (intervals adjustable).
Operating voltage 230 VAC/50..60 Hz.

Infrared remote control unit
All settings and the operation of the stopwatch mode are triggered by a wireless infrared remote control unit, included in delivery shipment.

Stopwatch mode
This LED digital display can also be used as a stopwatch in count-up, count-down, and training modes.
Various modes and key functions can be set. Operation by the wireless infrared remote control unit included.

LED digital displays
single-/double-sided, indoor

Type series **621**

Technical data		Cipher height 180 mm	Cipher height 250 mm
Case	colour	black (RAL 9005)	black (RAL 9005)
	dimensions (W x H x D, single-sided version)	cir. 1260 x 264 x 39 mm	cir. 1720 x 350 x 39 mm
	weight (single-sided version	cir. 10 kg	cir. 14 kg
LED display	cipher height hours/minutes	cir. 180 mm	cir. 250 mm
	cipher colour	red	red
	reading distance	cir. 70 m	cir. 100 m

Single-sided type (on-wall mounting)	**Cipher height ▶ Operating voltage ▼**	**180 mm Item No.**	**€ each**	**250 mm Item No.**	**€ each**
Quartz clock	230 VAC	42.**621**.181	**2,060.–**	42.**621**.251	**2,670.–**
DCF77 radio controlled clock, external receiving aerial included (IP 54)	230 VAC	52.**621**.181	**2,220.–**	52.**621**.251	**2,830.–**
Slave clock, minute pulse, line voltage 24 V	230 VAC	71.**621**.181	**2,120.–**	71.**621**.251	**2,730.–**
Slave clock, *DCFport24* telegram 24 V	230 VAC	83.**621**.181	**2,120.–**	83.**621**.251	**2,730.–**
Slave clock, NTP synchronisation by LAN (NTP client) [1]	230 VAC	93.**621**.181	**2,260.–**	93.**621**.251	**2,870.–**

Double-sided type (including 100 mm ceiling-mount fixtures)	**Cipher height ▶ Operating voltage ▼**	**180 mm Item No.**	**€ each**	**250 mm Item No.**	**€ each**
Quartz clock	230 VAC	42.**621**.183	**3,590.–**	42.**621**.253	**4,730.–**
DCF77 radio controlled clock, external receiving aerial included (IP 54)	230 VAC	52.**621**.183	**3,750.–**	52.**621**.253	**4,890.–**
Slave clock, minute pulse, line voltage 24 V	230 VAC	71.**621**.183	**3,650.–**	71.**621**.253	**4,790.–**
Slave clock, *DCFport24* telegram 24 V	230 VAC	83.**621**.183	**3,650.–**	83.**621**.253	**4,790.–**
Slave clock, NTP synchronisation by LAN (NTP client) [1]	230 VAC	93.**621**.183	**3,790.–**	93.**621**.253	**4,930.–**

Accessory	**Item No.**	**€ each**
Ceiling-mount fixtures for holding 1 single-sided clock, pendulum length cir. 100 mm	01.**620**.103	**200.–**

Options	**Suffix**	**Surcharge € each**
Case custom enamelled	**-10**	**on request**
Custom length mounting fixture	**-31**	**on request**
Alternating temperature display, including external temperature sensor (IP 54)	**-66**	**95.–**
White LEDs	**-76**	**on request**
Amber LEDs	**-78**	**on request**
Green LEDs	**-79**	**on request**
Blue LEDs	**-80**	**on request**

Options – just as *you* like them ...
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

LED digital displays for outdoors
see pages 120 and 121.

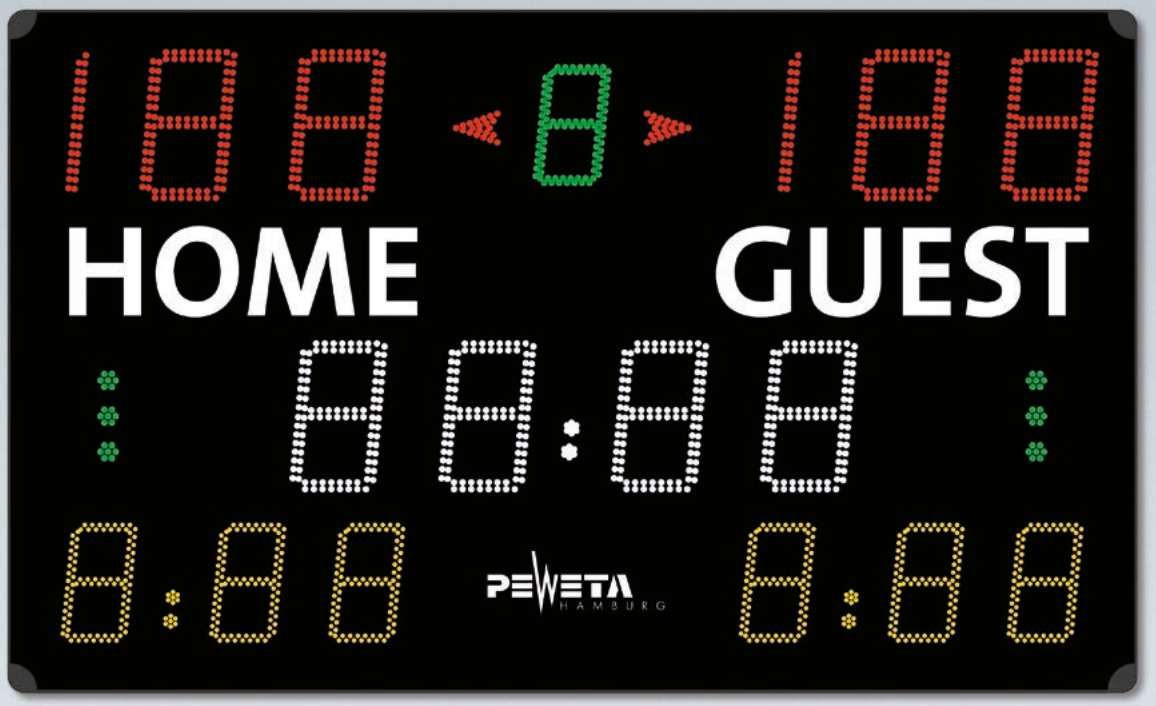
[1] NTP slave clocks require a LAN connection, appropriate hardware has to be supplied by customer.

LED Game Result Displays/Scoreboards, indoor
"Multisport", for most kinds of indoor sports

Indoor
analog
single-sided

Type series
676

"resistant to thrown balls" acc. to VDE 0710/DIN 18032



24.**676**.321 shown

During basketball games, the bottom line indicates the number of team fouls

Alternatively, as a selectable setting, a red square marker can be set to indicate the 5th team foul

Game result displays/scoreboards, in 7-Segment LED display technology, cipher heights 250 mm and 200 mm respectively, reading distance up to cir. 110 m. Outstandingly suited for most kinds of indoor sports, such as indoor soccer, handball, basketball, volleyball, hockey, badminton, and table tennis.

Sturdy metal case, enamelled black, for on-wall mounting, polycarbonate front glass treated for low reflectivity, resistant to thrown balls in accordance with German standards VDE 0710, part 13:1981-05 and DIN 18032, part 3.

24.**676**.322

Game result display board with LED text display for team names

Soccer scoreboards for outdoors
see pages 124 and 125.

Further models
of this type series with 150 mm LED cipher height for small (single field) sports halls are available on request.

Scoreboard 24.676.321:

- **Time display** (250 mm), 4-digit, white, showing minutes and seconds of game time, time elapsed or time-to-go
- **Real time clock** (250 mm), showing current time in hours and minutes when no game is going on (instead of game time), quartz-based, optionally DCF77 radio controlled (including receiving aerial) or connected to a PEWETA Master Clock by means of a *DCFport24* interface (accessories)
- **Score** (250 mm), 3 digits (0..199) per team, red, showing score/final result
- **Period** (200 mm), 1 digit, green, showing current period of game
- **Penalty time** (200 mm), 3 digits per team, amber, showing penalty time remaining
- **Team fouls** (200 mm), 1 digit per team, amber, showing total fouls per team during basketball games (instead of penalty time)
- **Red square marker**, 1 per team, can be set to indicate the 5th foul of a team during basketball games
- **Time-out,** 3 symbols per team (green dots), showing time-out periods taken
- **Service,** 1 symbol per team (red arrow), showing service or ball possession
- **Acoustic signal** (horn), built-in, indicates time-out, end of period or game over, may be triggered either automatically or manually (116 dB at 1 m)
- Permanent **HOME/GUEST** marking by self-adhesive film, available in various languages.

Scope of delivery

- **1 control panel,** multi-lingual, data transfer by radio, frequency 868..869 MHz (standard), or wire-based (set of wires is an accessory), with LCD display and keyboard. 13 kinds of sports stored. Additional, freely programmable mode or training mode
- **1 wall plug adapter** for charging the rechargeable batteries of the control panel
- **1 hand-held control unit** to send start, stop, and time-out commands and to trigger the horn, incl. 2 m wire for hook-up with the control panel (if required)
- **1 transport case** (cir. 355 x 255 x 86 mm) to safely store control panel, control unit, and plug adapter.

Scoreboard 24.676.322:

exactly as Scoreboard 24.**676**.321, however, additionally with

- **LED text display** (120 mm), amber, alphanumeric, to indicate the teams' names (instead of "HOME", "GUEST"), up to 9 characters per team, or to display information/advertisements with up to 20 characters in moving-script-method (up to 1,000 characters programmable). PC keyboard with connection wire to the control panel is included.

Control panel and software

Modes for 13 different kinds of sports plus an additional, freely programmable mode and a training mode (cycles and breaks adjustable) are stored in the control panel. Various parameters, like the duration of a game, extra time, time out, etc., can be adjusted as required, e. g. for youth teams. Up to 10 individual configurations with individual names such as "handball juniors" can be saved. Software updates can be loaded by flash drive using the built-in USB interface, e. g. in case of rule changes.

Indoor
analog
single-sided

Type series
676

Technical data	
Data transmission	wireless 868..869 MHz (standard) or, additionally, wire-based (set of wires is an accessory)
Case dimensions (WHD)	cir. 1900 x 1150 x 90 mm
Front cover	polycarbonate treated for low reflectivity
Character heights	250 mm and 200 mm, respectively
Reading distance	cir. 110 m, view angle cir. 160°
Weight	cir. 35 kg
Operating voltage	mains 220..230 V AC/50..60 Hz

Type	Item No.	€ each
Scoreboard with HOME/GUEST marking by self-adhesive film	24.**676**.321	**5,090.–**
Scoreboard with LED text display	24.**676**.322	**6,590.–**

Accessories	Item No.	€ each
DCF77 receiving aerial (IP65) for precise local time and fully automatic change-over of summer/winter time	03.**925**.185	**295.–**
Time display interface to import the *DCFport24* pulse telegram from a PEWETA type series 921 master clock	04.**676**.000	**95.–**
Set of wires for wire-based or wireless data transfer from control panel to scoreboard, 10 m of wire, plug, and socket included	04.**676**.001	**180.–**
Additional plug and socket A3 to control the panel from a further location (for wireless operation using set of wires 04.**676**.001)	04.**676**.101	**150.–**

Soccer scoreboards for outdoors
see pages 124 and 125.

LED Game Result Displays/Scoreboards, indoor
with penalty time display for **handball and hockey**

Indoor
analog
single-sided

Type series
676

24.**676**.541 shown

Game result displays/scoreboards, in 7-Segment LED display technology, composed of a main scoreboard and a 3-line penalty time display. As a stand-alone-unit, the main scoreboard is suited for most kinds of indoor sports. For handball and hockey, the augmenting penalty time display can show up to 3 penalty times per team, along with a 2-digit player number.

Sturdy metal case, enamelled black, for on-wall mounting, polycarbonate front glass treated for low reflectivity, resistant to thrown balls in accordance with German standards VDE 0710, part 13:1981-05 and DIN 18032, part 3.

24.**676**.542

Game result display board with LED text display for team names

Soccer scoreboards for outdoors
see pages 124 and 125.

Further models
with 2-line penalty time display, either below or lateral to the main scoreboard, are available on request.

Scoreboard 24.676.541:

- **Time display** (250 mm), 4-digit, white, showing minutes and seconds of game time, time elapsed or time-to-go
- **Real time clock** (250 mm), showing current time in hours and minutes when no game is going on (instead of game time), quartz-based, optionally DCF77 radio controlled (including receiving aerial) or connected to a PEWETA Master Clock by means of a *DCFport24* interface (accessories)
- **Score** (250 mm), 3 digits (0..199) per team, red, showing score/final result
- **Period** (200 mm), 1 digit, green, showing current period of game
- **Team fouls** (200 mm), 1 digit per team, amber, showing total fouls per team during basketball games (instead of penalty time)
- **Red square marker**, 1 per team, can be set to indicate the 5th foul of a team during basketball games
- **Time-out,** 3 symbols per team (green dots), showing time-out periods taken
- **Service,** 1 symbol per team (red arrow), showing service or ball possession
- **Penalty time** (160 mm), 3 lines with 3 penalty times per team, each composed of 2-digit player number (white) and 3-digit penalty time (red), showing penalty time counting down
- **Acoustic signal** (horn), built-in, indicates time-out, end of period or game over, may be triggered either automatically or manually (116 dB at 1 m)
- Permanent **HOME/GUEST** marking by self-adhesive film, available in various languages.

Scope of delivery

- **1 control panel,** multi-lingual, data transfer by radio, frequency 868..869 MHz (standard), or wire-based (set of wires is an accessory), with LCD display and keyboard. 13 kinds of sports stored. Additional freely programmable mode or training mode
- **1 wall plug adapter** for charging the rechargeable batteries of the control panel
- **1 hand-held control unit** to send start, stop, and time-out commands and to trigger the horn, incl. 2 m wire for hook-up with the control panel (if required)
- **1 transport case** (cir. 355x255x86 mm) to safely store control panel, control unit, and plug adapter.

Scoreboard 24.676.542:

exactly as Scoreboard 24.**676**.541, however, additionally with

- **LED text display** (120 mm), amber, alphanumeric, to indicate the teams' names (instead of "HOME", "GUEST"), up to 9 characters per team, or to display information/advertisements with up to 20 characters in moving-script-method (up to 1,000 characters programmable). PC keyboard with connection wire to the control panel is included.

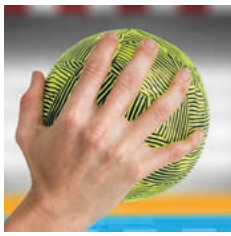
Control panel and software

Modes for 13 different kinds of sports plus an additional, freely programmable mode and a training mode (cycles and breaks adjustable) are stored in the control panel. Various parameters, like the duration of a game, extra time, time out, etc., can be adjusted as required, e.g. for youth teams. Up to 10 individual configurations with individual names such as "handball juniors" can be saved. Software updates can be loaded by flash drive using the built-in USB interface, e.g. in case of rule changes.

Technical data	
Data transmission	wireless 868..869 MHz (standard) or, additionally, wire-based (set of wires is an accessory)
Case dimensions (WHD)	cir. 1900x2000x90 mm
Front cover	polycarbonate treated for low reflectivity
Character heights	250 mm, 200 mm, and 160 mm, respectively
Reading distance	cir. 110 m, view angle cir. 160°
Weight	cir. 50 kg
Operating voltage	mains 220..230 V AC/50..60 Hz

Type	Item No.	€ each
Scoreboard with HOME/GUEST marking by self-adhesive film	24.**676**.541	**8,090.–**
Scoreboard with LED text display	24.**676**.542	**9,590.–**

Accessories	Item No.	€ each
DCF77 receiving aerial (IP65) for precise local time and fully automatic change-over of summer/winter time	03.**925**.185	**295.–**
Time display interface to import the *DCFport24* pulse telegram from a PEWETA type series 921 master clock	04.**676**.000	**95.–**
Set of wires for wire-based or wireless data transfer from control panel to scoreboard, 10 m of wire, plug, and socket included	04.**676**.001	**180.–**
Additional plug and socket A3 to control the panel from a further location (for wireless operation using set of wires 04.**676**.001)	04.**676**.101	**150.–**



Indoor
analog
single-sided

Type series
676

Soccer scoreboards for outdoors
see pages 124 and 125.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Game Result Displays/Scoreboards, indoor
with foul displays for **basketball**

Indoor
analog
single-sided

Type series
676

24.**676**.551 shown

Game result displays/scoreboards, in 7-Segment LED display technology, composed of a main scoreboard and two 12-line foul displays. As a stand-alone-unit, the main scoreboard is suited for most kinds of indoor sports. For basketball, the two augmenting displays show player numbers and the number of their personal fouls.

Sturdy metal case, enamelled black, for on-wall mounting, polycarbonate front glass treated for low reflectivity, resistant to thrown balls in accordance with German standards VDE 0710, part 13:1981-05 and DIN 18032, part 3.

24.**676**.552

Game result display board with LED text display for team names

Combined game result display board with penalty time displays for handball or hockey and foul displays for basketball.
Item Numbers and prices on request

Further models
with an additional penalty time display below the main scoreboard and/or with different cipher heights are available on request.

Soccer scoreboards for outdoors
see pages 124 and 125.

Scoreboard 24.676.551:

- **Time display** (250 mm), 4-digit, white, showing minutes and seconds of game time, time elapsed or time-to-go.
- **Real time clock** (250 mm), showing current time in hours and minutes when no game is going on (instead of game time), quartz-based, optionally DCF77 radio controlled (including receiving aerial) or connected to a PEWETA Master Clock by means of a *DCFport24* interface (accessories)
- **Score** (250 mm), 3 digits (0..199) per team, red, showing score/final result
- **Period** (200 mm), 1 digit, green, showing current period of game
- **Penalty time** (200 mm), 3 digits per team, amber, showing penalty time counting down
- **Team fouls** (200 mm), 1 digit per team, amber, showing total fouls per team during basketball games (instead of penalty time)
- **Red square marker**, 1 per team, can be set to indicate the 5th foul of a team during basketball games
- **Time-out,** 3 symbols per team (green dots), showing time-out periods taken
- **Service,** 1 symbol per team (red arrow), showing service or ball possession
- **Personal fouls** (90 mm), 12 lines per team, each line showing a 2-digit player number (white) as well as 4 amber dots (number of fouls) and 1 red dot (5th foul)
- **Acoustic signal** (horn), built-in, indicates time-out, end of period or game over, may be triggered either automatically or manually (116 dB at 1 m)
- Permanent **HOME/GUEST** marking by self-adhesive film, available in various languages.
- **Advertising panel**, cir. 1900 x 850 x 90 mm, for application of sponsors' or advertisers' logos.

Scope of delivery

- **2 control panels,** multi-lingual, data transfer by radio, frequency 868..869 MHz (standard), or wire-based (set of wires is an accessory), with LCD display and keyboard. 13 kinds of sports stored. Additional freely programmable mode or training mode
- **1 wall plug adapter** for charging the rechargeable batteries of the control panel
- **1 hand-held control unit** to send start, stop, and time-out commands and to trigger the horn, incl. 2 m wire for hook-up with the control panel (if required)
- **2 transport cases** (cir. 355 x 255 x 86 mm) to safely store control panels, control unit, and plug adapter.

Scoreboard 24.676.552:

exactly as Scoreboard 24.**676**.551, however, additionally with

- **LED text display** (120 mm), amber, alphanumeric, to indicate the teams' names (instead of "HOME", "GUEST"), up to 9 characters per team, or to display information/advertisements with up to 20 characters in moving-script-method (up to 1,000 characters programmable). PC keyboard with connection wire to the control panel is included.

Control panel and software

Modes for 13 different kinds of sports plus an additional, freely programmable mode and a training mode (cycles and breaks adjustable) are stored in the control panel. Various parameters, like the duration of a game, extra time, time out, etc., can be adjusted as required, e. g. for youth teams. Up to 10 individual configurations with individual names such as "handball juniors" can be saved. Software updates can be loaded by flash drive using the built-in USB interface, e. g. in case of rule changes.

Technical data	
Data transmission	wireless 868..869 MHz (standard) or, additionally, wire-based (set of wires is an accessory)
Case dimensions (WHD)	cir. 3200 x 2000 x 90 mm
Front cover	polycarbonate treated for low reflectivity
Character heights	250 mm, 200 mm, and 90 mm, respectively
Reading distance	cir. 110 m, view angle cir. 160°
Weight	cir. 120 kg
Operating voltage	mains 220..230 V AC/50..60 Hz

Type	Item No.	€ each
Scoreboard with HOME/GUEST marking by self-adhesive film	24.**676**.551	**11,990.–**
Scoreboard with LED text display	24.**676**.552	**13,490.–**

Accessories	Item No.	€ each
DCF77 receiving aerial (IP65) for precise local time and fully automatic change-over of summer/winter time	03.**925**.185	**295.–**
Time display interface to import the *DCFport24* pulse telegram from a PEWETA type series 921 master clock	04.**676**.000	**95.–**
Set of wires for wire-based or wireless data transfer from control panel to scoreboard, 10 m of wire, plug, and socket included	04.**676**.001	**180.–**
Additional plug and socket A3 to control the panel from a further location (for wireless operation using set of wires 04.**676**.001)	04.**676**.101	**150.–**

Indoor
analog
single-sided

Type series
676

Soccer scoreboards for outdoors
see pages 124 and 125.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED 14-/24-Second Display Boards, indoor
for **basketball**, with or without time display

Indoor
analog
single-sided

Type series
676

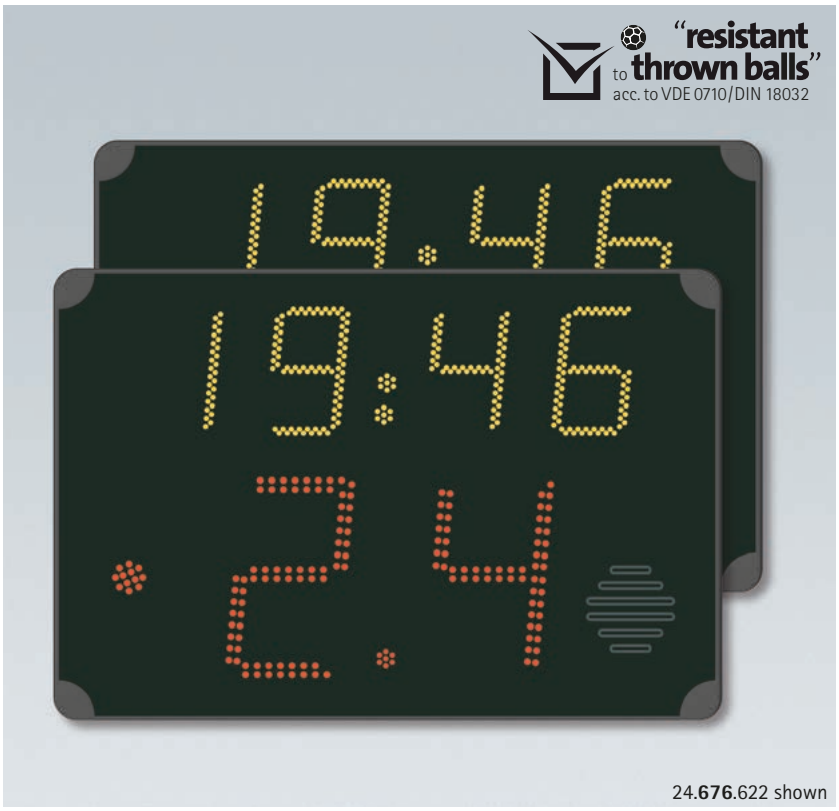
Augmenting display boards, resistant to thrown balls, for displaying attack time during a basketball game (24-seconds-rule). Shipment in pairs. Operation in connection with an LED scoreboard of type series 676 only!

Sturdy black plastic case for on-wall mounting or for mounting on substructure supplied by client. Polycarbonate front glass treated for low reflectivity, resistant to thrown balls in accordance with German standards VDE 0710, part 13:1981-05 and DIN 18032, part 3.

Type 24.676.613:
- **Attack time (230 mm)**, 2-digit, red, showing the duration of current attack (adjustable to 14 or 24 seconds), counting down. Tenths of seconds shown during final 5 seconds
- **State of game**, 1 illuminated red dot, showing time-out
- **Acoustic signal** (horn), built-in, automatically resounds after end of attack time (116 dB at 1 m).

Type 24.676.622:
- **Time display (160 mm)**, 4-digit, amber, showing game time elapsed (taken over from main scoreboard)
- **Attack time (250 mm)**, 2-digit, red, showing the duration of current attack (adjustable to 14 or 24 seconds), counting down. Tenths of seconds shown during final 5 seconds
- **State of game**, 1 illuminated red dot, showing time-out
- **Acoustic signal** (horn), built-in, automatically resounds after end of attack time (116 dB at 1 m).

Scope of delivery
- **2 displays** acc. to description
- **1 hand-held control unit** to be connected to the control unit of the main scoreboard, including 2 m of wire. Separate keys to adjust to 14 or 24 seconds (new FIBA rule of October 2014)
- **1 transport case** (cir. 265 x 225 x 50 mm) to safely store control unit and wire.



24.**676**.622 shown

Technical data	
Data transmission	via main display panel
Front cover	polycarbonate treated for low reflectivity
Reading distance	cir. 80 m
Weight per unit	cir. 2,5 kg (24.676.**613**), cir. 6 kg (24.676.**622**)
Operating voltage	mains 220..230 V AC/50..60 Hz

Type	Cipher heights	Dimensions WHD per display	Item No.	€ each
1 line, **without** (game) time display	230 mm	500 x 300 x 65 mm	24.**676**.613	**1,995.–**
2 lines, **with** (game) time display	160/250 mm	870 x 570 x 90 mm	24.**676**.622	**4,995.–**

Further models
of these 14-/24-second display boards for stand-alone operation (without connection to a main LED scoreboard of type series 676) available on request.

24.**676**.613

Soccer scoreboards for outdoors
see pages 124 and 125.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Outdoor Clocks

analog and digital
single-, double- and four-sided

Time displayed outdoors, in a modern analog clock or displayed digitally alternating with date and temperature, ideally combined with your company´s logo, has always been and still is a public service information in high demand. Take advantage of this demand by using PEWETA outdoor clocks and display systems! Water protected and resistant against weather and other environmental influences.

Outdoor Clocks

single-sided, round, **not backlighted**

Also available "**resistant** to **thrown balls**"

Indoor
analog
single-sided

Type series
730

71.**730**.421 shown

71.**730**.411

52.**730**.521 **-05**

Case enamelled in metallic silver grey as an option

Extraordinarily sturdy **high quality industrial grade** outdoor clocks. Solid workmanship, not backlighted, weather protected case (IP 54/ EN 60 529).

Also available "resistant to thrown balls" according to DIN 18 032, part 3.

Indoor clocks resistant to thrown balls
see pages 36 ... 37.

Case
- cir. 446 mm diameter
- cir. 546 mm diameter
- cir. 646 mm diameter

very sturdy metal case, enamelled metallic dark gun metal (DB 703) or, as an option, enamelled in metallic silver grey (RAL 9006) or custom enamelled, as listed below. Extraordinarily solid construction, absolutely corrosion resistant and weatherproof.
Protection grade IP 54 (EN 60 529).

Mounting
Wall mounting.

Resistance to thrown balls acc. to DIN 18 032, part 3 (option)
Clocks of this type series are also available resistant to thrown balls and thus suitable for school yards and sporting facilities. Very sturdy case with three-point mounting as a safeguard, proof against wrenching of the hook. Front glass is a 2-layer laminated safety glass, 6 mm thick. The clocks are certified and labelled "resistant to thrown balls according to DIN 18 032, part 3".

Front glass
Flat shock-resistant Plexiglas® XT (PMMA) as standard.

Face
High distinction white metal, choice of large black Arabic numerals or large black DIN bar markings. Very distinctive and easy doubt-free reading even over longer distances. Visible face diameter 420 mm, 520 mm resp. 620 mm. Faces printed according to DIN 41 091.

Hands
Pointed black DIN bar-type hands (DIN 41 092) for hour and minute.
Red second hand on slave clocks with minute/second pulse (**72**.xxx) and on slave clocks with synchronous second hands (**74**.xxx) only.

Indoor
analog
single-sided

Type series
730

▼ Clock type / Face diameter ▶	420 mm Item No.	€ each	520 mm Item No.	€ each	620 mm Item No.	€ each
DCF77 radio controlled clock, battery operated 2 x 1.5 V [1) 2)]	51.730.	964.–	51.730.	1,107.–	51.730.	1,322.–
DCF77 radio controlled clock, mains operated 230 V AC [2)]	52.730.	1,005.–	52.730.	1,148.–	52.730.	1,363.–
Slave clock, minute pulse 12...60 V	71.730.	624.–	71.730.	769.–	71.730.	921.–
Slave clock, minute/second pulse 12/24 V	72.730.	875.–	72.730.	1,020.–	72.730.	1,172.–
Slave clock, min. pulse 12/24 V, synch. second hand 230 V AC/50 Hz	74.730.	1,044.–	74.730.	1,189.–	74.730.	1,341.–
Telegram slave clock, *DCFport24*, 24 V	81.730.	717.–	81.730.	862.–	81.730.	1,014.–
RC telegram slave clock, *AirPort24*, battery op. 1.5 V [1)]	84.730.	897.–	84.730.	1,042.–	84.730.	1,194.–
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.730.	938.–	85.730.	1,083.–	85.730.	1,235.–
NTP system clock (NTP client), synchronisation by LAN, PoE [3)]	91.730.	953.–	91.730.	1,098.–	91.730.	1,250.–
Face print	▲		▲		▲	
Arabic numerals	411		511		611	
DIN bar markings	421		521		621	

Options	420 mm Suffix	Surcharge € each	520 mm Suffix	Surcharge € each	620 mm Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	-05	none	-05	none	-05	none
Case custom enamelled	-10	on request	-10	on request	-10	on request
Resistance to thrown balls acc. to DIN 18032, part 3	-59	179.–	-59	179.–	-59	179.–

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1)] Alkaline batteries are included in delivery shipment (medium lifespan: cir. 4 years).
[2)] A remotable DCF77 receiving aerial is included in delivery shipment.
[3)] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

Indoor clocks resistant to thrown balls
see pages 36 ... 37.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Outdoor Clocks
double-sided, round, **not backlighted**

Outdoor
analog
double-sided

Type series
732

71.**732**.522 shown

Extraordinarily sturdy **high quality industrial grade** outdoor clocks. Solid workmanship, not backlighted, weather protected case (IP 54/ EN 60 529).

81.**732**.513

81.**732**.513 **-05**

Case enamelled in metallic silver grey RAL 9006 as an option

Double-sided clocks
Double-sided clocks come completely wired and pre-assembled.
Just mount them and plug in – **that's it!**

Case
- cir. 446 mm diameter
- cir. 546 mm diameter
- cir. 646 mm diameter

very sturdy metal case, enamelled metallic dark gun metal (DB 703) or, as an option, enamelled in metallic silver grey (RAL 9006) or custom enamelled, as listed below. Extraordinarily solid construction, absolutely corrosion resistant and weatherproof.
Protection grade IP 54 (EN 60 529).

Mounting
Choice of sturdy double bracket wall or ceiling mounting, standard bracket length cir. 210 mm.

Front glasses
Flat shock-resistant Plexiglas® XT (PMMA).

Faces
High distinction white metal, choice of large black Arabic numerals or large black DIN bar markings. Very distinctive and easy doubt-free reading even over longer distances. Visible face diameter 420 mm, 520 mm resp. 620 mm. Faces printed according to DIN 41 049.

Hands
Pointed black DIN bar-type hands (DIN 41 092) for hour and minute.
Red second hands on slave clocks with minute/second pulse (**72**.xxx) and on slave clocks with synchronous second hands (**74**.xxx) only.

Outdoor
analog
double-sided

Type series
732

Face diameter ▶ / Clock type	420 mm Item No.	€ each	520 mm Item No.	€ each	620 mm Item No.	€ each
DCF77 radio controlled clock, mains operated 230 V AC [1]	52.**732**.	**1,829.–**	52.**732**.	**1,999.–**	52.**732**.	**2,233.–**
Slave clock, minute pulse 12...60 V	71.**732**.	**1,430.–**	71.**732**.	**1,600.–**	71.**732**.	**1,829.–**
Slave clock, minute/second pulse 12/24 V	72.**732**.	**1,932.–**	72.**732**.	**2,102.–**	72.**732**.	**2,331.–**
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.**732**.	**2,270.–**	74.**732**.	**2,440.–**	74.**732**.	**2,669.–**
Telegram slave clock, *DCFport24*, 24 V	81.**732**.	**1,547.–**	81.**732**.	**1,717.–**	81.**732**.	**1,946.–**
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.**732**.	**1,836.–**	85.**732**.	**2,006.–**	85.**732**.	**2,235.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [2]	91.**732**.	**1,783.–**	91.**732**.	**1,953.–**	91.**732**.	**2,182.–**
Face print / **Mounting**	▲		▲		▲	
Arabic numerals, wall	412		512		612	
Arabic numerals, ceiling	413		513		613	
DIN bar markings, wall	422		522		622	
DIN bar markings, ceiling	423		523		623	

Options	420 mm Suffix	Surcharge € each	520 mm Suffix	Surcharge € each	620 mm Suffix	Surcharge € each
Case enamelled in metallic silver grey RAL 9006	**-05**	**none**	**-05**	**none**	**-05**	**none**
Case custom enamelled	**-10**	**on request**	**-10**	**on request**	**-10**	**on request**

Case colour	Suffix
metallic silver grey RAL 9006	**-05**
? custom enamelled	**-10**

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Outdoor Clocks (also suitable for large halls) single-sided, round, **backlighted by LED**

Indoor
analog
single-sided

Type series
750

74.**750**.621 shown

81.**750**.621

71.**750**.611

Extraordinarily sturdy **high quality industrial grade** outdoor clocks, also suitable for indoors. Solid workmanship, **backlighted by LED**, weather protected case (IP 54/EN 60 529).

Case
- cir. 670 mm diameter
- cir. 902 mm diameter

weatherproof aluminium case. Outside 2-layer tempered enamel, light grey (RAL 7035). Optionally custom enamelled, at a surcharge. Extraordinarily solid construction, incl. light fitting. Absolutely corrosion resistant and weatherproof. Protection grade IP 54 (EN 60 529).

Mounting
On-wall mounting as standard. At a surcharge, a wall or ceiling mounting bracket or a pole adapter are available as options.

Front glass
Shock-resistant, highly transparent 4 mm Plexiglas® XT. For locations prone to impact or public areas, unbreakable Makrolon® (polycarbonate) front glass is available as an option.

Face (backlighted)
Acrylic plastic, white, translucent, 5 mm thick, black Arabic numerals or large black DIN bar markings. Very distinctive and easy doubt-free reading even over longer distances.
Face printed according to DIN 41 049.

Illumination
Backlighting by durable, maintenance-free light-emitting diodes (LEDs), operating voltage 230 VAC/50…60 Hz. As an option, a light-sensitive switch can be included.

Hands
Pointed black DIN bar-type hands (DIN 41 092) for hour and minute. Distinctive red "Railway Station clock" type second hand with "eye" on slave clock with synchronous second hand (**74**.xxx) only.
No second hand on other clock types.

Indoor
analog
single-sided

Type series
750

Clock type / Face diameter ▶	600 mm Item No.	€ each	800 mm Item No.	€ each
DCF77 radio controlled clock, mains operated 230 VAC [1]	52.**750**.	**2,190.–**	52.**750**.	**2,850.–**
Slave clock, minute pulse 12…60 V	71.**750**.	**1,690.–**	71.**750**.	**2,350.–**
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz	74.**750**.	**2,320.–**	74.**750**.	**2,980.–**
Telegram slave clock, *DCFport24*, 24 V [2]	81.**750**.	**2,090.–**	81.**750**.	**2,750.–**
RC telegram slave clock, *AirPort24*, mains operated 230 VAC	85.**750**.	**2,340.–**	85.**750**.	**3,000.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [3]	91.**750**.	**2,490.–**	91.**750**.	**3,150.–**
Face print	▲		▲	
Arabic numerals	611		811	
DIN bar markings	621		821	

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Case with lugs for suspension by ropes or chains (indoor mounting only)	**-30**	**on request**
Wall or ceiling mounting bracket for single-sided outdoor clocks, standard length 240 mm	**-34**	**on request**
Pole adapter for lateral mounting by means of stainless steel tightening straps (not included)	**-35**	**on request**
Pole adapter for central mounting (mounting bracket, length cir. 300 mm)	**-36**	**on request**
Light-sensitive switch for internal illumination	**-44**	**250.–**
Custom logo on clock face	**-47**	**on request**
Unbreakable Makrolon® front glass instead of Plexiglas® (for 670 mm diameter clocks only)	**-55**	**on request**

Options – just as *you* like them …
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] *DCFport24* pulse telegram slave clocks with 800 mm face diameter require a 230 VAC power supply.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Outdoor Clocks (also suitable for large halls) double-sided, round, **backlighted by LED**

Outdoor
analog
double-sided

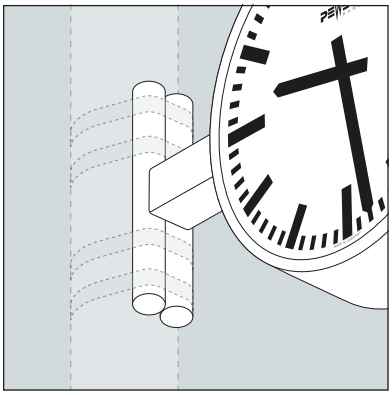
Type series
752

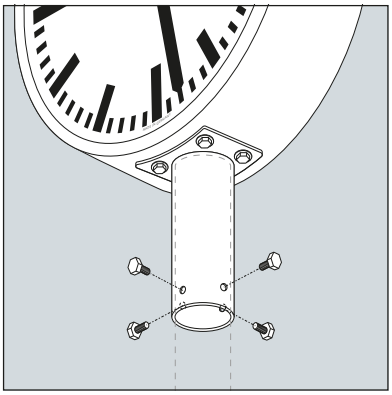
74.**752**.622 shown

81.**752**.622

71.**752**.613

Extraordinarily sturdy **high quality industrial grade** outdoor clocks, also suitable for indoors. Solid workmanship, **backlighted by LED**, weather protected case (IP 54/EN 60 529).


Pole adapter for lateral mounting by means of stainless steel tightening straps, suffix **–35**


Pole adapter for central mounting, suffix **–36**

Case
- cir. 670 mm diameter
- cir. 902 mm diameter

weatherproof aluminium case. Outside 2-layer tempered enamel, light grey (RAL 7035). Optionally custom enamelled, at a surcharge. Extraordinarily solid construction, incl. light fitting. Absolutely corrosion resistant and weatherproof. Protection grade IP 54 (EN 60 529).

Mounting
Choice of wall or ceiling mounting, standard length cir. 240 mm. Optionally, at a surcharge, a ceiling suspension in extended length, cir. 480 mm, or a pole adapter are available.

Front glasses
Shock-resistant, highly transparent 4 mm Plexiglas® XT. For locations prone to impact or public areas, unbreakable Makrolon® (polycarbonate) front glasses are available as an option.

Faces (backlighted)
Acrylic plastic, translucent, white, large DIN black bar markings. Very distinctive and easy doubt-free reading even over longer distances. Other face and hand variations are available on request (options).
Faces printed according to DIN 41 049.

Illumination
Backlighting by durable, maintenance-free light-emitting diodes (LEDs), operating voltage 230 VAC/50…60 Hz. As an option, a light-sensitive switch can be included.

Hands
Pointed black DIN bar-type hands (DIN 41 092) for hour and minute. Distinctive red "Railway Station clock" type second hands with "eye" on slave clock with synchronous second hands (**74**.xxx) only.
No second hands on other clock types.

Outdoor
analog
double-sided

Type series
752

Clock type	Face diameter ▶ 600 mm Item No.	€ each	800 mm Item No.	€ each
DCF77 radio controlled clock, mains operated 230 VAC [1]	52.**752**.	**2,640.–**	52.**752**.	**3,750.–**
Slave clock, minute pulse 12...60 V	71.**752**.	**2,140.–**	71.**752**.	**3,250.–**
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz	74.**752**.	**3,290.–**	74.**752**.	**4,400.–**
Telegram slave clock, *DCFport24*, 24 V [2]	81.**752**.	**2,540.–**	81.**752**.	**3,650.–**
RC telegram slave clock, *AirPort24*, mains operated 230 VAC	85.**752**.	**2,790.–**	85.**752**.	**3,900.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [3]	91.**752**.	**2,940.–**	91.**752**.	**4,050.–**
Face print **Mounting**	▲		▲	
Arabic numerals wall	612		812	
ceiling	613		813	
DIN bar markings wall	622		822	
ceiling	623		823	

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Case with lugs for suspension by ropes or chains (indoor mounting only)	**-30**	**on request**
Ceiling suspension extended length, cir. 480 mm	**-32**	**195.–**
Pole adapter for lateral mounting by means of stainless steel tightening straps (not included)	**-35**	**125.–**
Pole adapter for central mounting (mounting bracket, length cir. 300 mm)	**-36**	**on request**
Light-sensitive switch for internal illumination	**-44**	**250.–**
Custom logo on clock face	**-47**	**on request**
Unbreakable Makrolon® front glasses instead of Plexiglas® (for 670 mm diameter clocks only)	**-56**	**on request**

Options – just as *you* like them …
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] *DCFport24* pulse telegram slave clocks with 800 mm face diameter require a 230 VAC power supply.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Outdoor Clocks (also suitable for large halls) single-sided, square, **backlighted by LED**

Indoor
analog
single-sided

Type series
760

74.**760**.621 shown

52.**760**.621

71.**760**.611

Extraordinarily sturdy **high quality industrial grade** outdoor clocks, also suitable for indoors. Solid workmanship, **backlighted by LED**, weather protected case (IP 54/EN 60 529).

Case
- cir. 442 x 442 mm
- cir. 642 x 642 mm
- cir. 842 x 842 mm

weatherproof aluminium case. Outside 2-layer tempered enamel, light grey (RAL 7035). Optionally custom enamelled, at a surcharge. Extraordinarily solid construction, incl. light fitting. Absolutely corrosion resistant and weatherproof. Protection grade IP 54 (EN 60 529).

Mounting
On-wall mounting as standard. At a surcharge, a wall or ceiling mounting bracket or a pole adapter are available as options

Front glass
Shock-resistant, highly transparent 4 mm Plexiglas® XT. For locations prone to impact or public areas, unbreakable Makrolon® (polycarbonate) front glass is available as an option.

Face (backlighted)
Acrylic plastic, white, translucent, 5 mm thick, black Arabic numerals or large black DIN bar markings. Very distinctive and easy doubt-free reading even over longer distances.
Face printed according to DIN 41 049.

Illumination
Backlighting by durable, maintenance-free light-emitting diodes (LEDs), operating voltage 230 VAC/50…60 Hz. As an option, a light-sensitive switch can be included.

Hands
Pointed black DIN bar-type hands (DIN 41 092) for hour and minute. Distinctive red "Railway Station clock" type second hand with "eye" on slave clock with synchronous second hand (**74**.xxx) only.
No second hand on other clock types.

Indoor
analog
single face

Type series **760**

Clock type / Face dimensions ▶	400 x 400 mm Item No.	€ each	600 x 600 mm Item No.	€ each	800 x 800 mm Item No.	€ each
DCF77 radio controlled clock, mains operated 230 VAC [1]	52.**760**.	**1,820.–**	52.**760**.	**2,190.–**	52.**760**.	**2,850.–**
Slave clock, minute pulse 12…60 V	71.**760**.	**1,320.–**	71.**760**.	**1,690.–**	71.**760**.	**2,350.–**
Slave clock, minute pulse 12/24 V, synchronous second hand 230 VAC/50 Hz	74.**760**.	**1,950.–**	74.**760**.	**2,320.–**	74.**760**.	**2,980.–**
Telegram slave clock, *DCFport24*, 24 V [2]	81.**760**.	**1,720.–**	81.**760**.	**2,090.–**	81.**760**.	**2,750.–**
RC telegram slave clock, *AirPort24*, mains operated 230 VAC	85.**760**.	**1,970.–**	85.**760**.	**2,340.–**	85.**760**.	**3,000.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [3]	91.**760**.	**2,120.–**	91.**760**.	**2,490.–**	91.**760**.	**3,150.–**
Face print	▲		▲		▲	
Arabic numerals	411		611		811	
DIN bar markings	421		621		821	

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Case with lugs for suspension by ropes or chains (indoor mounting only)	**-30**	**on request**
Wall or ceiling mounting bracket for single-sided outdoor clocks, standard length 70 mm	**-34**	**on request**
Light-sensitive switch for internal illumination	**-44**	**250.–**
Custom logo on clock face	**-47**	**on request**
Unbreakable Makrolon® front glass instead of Plexiglas® (for 842 x 842 mm clocks only)	**-55**	**on request**

Options – just as *you* like them …
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] *DCFport24* pulse telegram slave clocks with 800 x 800 mm face dimensions require a 230 VAC power supply.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Outdoor Clocks (also suitable for large halls) double-sided, square, **backlighted by LED**

Outdoor
analog
double-sided

Type series
762

74.**762**.622 shown

52.**762**.622

71.**762**.613

Extraordinarily sturdy **high quality industrial grade** outdoor clocks, also suitable for indoors. Solid workmanship, **backlighted by LED**, weather protected case (IP 54/EN 60 529).

Case
- cir. 442 x 442 mm
- cir. 642 x 642 mm
- cir. 842 x 842 mm

weatherproof aluminium case. Outside 2-layer tempered enamel, light grey (RAL 7035). Optionally custom enamelled, at a surcharge. Extraordinarily solid construction, incl. light fitting. Absolutely corrosion resistant and weatherproof. Protection grade IP 54 (EN 60 529).

Mounting
Choice of wall or ceiling mounting, standard length cir. 70 mm.

Front glasses
Shock-resistant, highly transparent 4 mm Plexiglas® XT. For locations prone to impact or public areas, unbreakable Makrolon® (polycarbonate) front glasses are available as an option.

Faces (backlighted)
Acrylic plastic, white, translucent, 5 mm thick, black Arabic numerals or large black DIN bar markings. Very distinctive and easy doubt-free reading even over longer distances.
Faces printed according to DIN 41 049.

Illumination
Backlighting by durable, maintenance-free light-emitting diodes (LEDs), operating voltage 230 V AC/50…60 Hz. As an option, a light-sensitive switch can be included.

Hands
Pointed black DIN bar-type hands (DIN 41 092) for hour and minute. Distinctive red "Railway Station clock" type second hands with "eye" on slave clock with synchronous second hands (**74**.xxx) only.
No second hands on other clock types.

Outdoor
analog
double-sided

Type series
762

Clock type / Face dimensions ▶	400 x 400 mm Item No.	€ each	600 x 600 mm Item No.	€ each	800 x 800 mm Item No.	€ each
DCF77 radio controlled clock, mains operated 230 V AC [1]	52.**762**.	**2,325.–**	52.**762**.	**2,640.–**	52.**762**.	**3,750.–**
Slave clock, minute pulse 12…60 V	71.**762**.	**1,825.–**	71.**762**.	**2,140.–**	71.**762**.	**3,250.–**
Slave clock, minute pulse 12/24 V, synchronous second hand 230 V AC/50 Hz	74.**762**.	**2,975.–**	74.**762**.	**3,290.–**	74.**762**.	**4,400.–**
Telegram slave clock, *DCFport24*, 24 V [2]	81.**762**.	**2,225.–**	81.**762**.	**2,540.–**	81.**762**.	**3,650.–**
RC telegram slave clock, *AirPort24*, mains operated 230 V AC	85.**762**.	**2,475.–**	85.**762**.	**2,790.–**	85.**762**.	**3,900.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [3]	91.**762**.	**2,625.–**	91.**762**.	**2,940.–**	91.**762**.	**4,050.–**
Face print / **Mounting**	▲		▲		▲	
Arabic numerals, wall	412		612		812	
Arabic numerals, ceiling	413		613		813	
DIN bar markings, wall	422		622		822	
DIN bar markings, ceiling	423		623		823	

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Case with lugs for suspension by ropes or chains (indoor mounting only)	**-30**	**on request**
Light-sensitive switch for internal illumination	**-44**	**250.–**
Custom logo on clock face	**-47**	**on request**
Unbreakable Makrolon® front glasses instead of Plexiglas® (for 842 x 842 mm clocks only)	**-56**	**on request**

Options – just as *you* like them …
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] *DCFport24* pulse telegram slave clocks with 800 x 800 mm face dimensions require a 230 V AC power supply.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Training Clocks/Pace Clocks,

for in- and outdoors, with seconds cross

Indoor/ Outdoor
analog
single-sided

Type series
765

42.**765**.611 shown

42.**765**.611 **-10**

42.**765**.611 **-34**

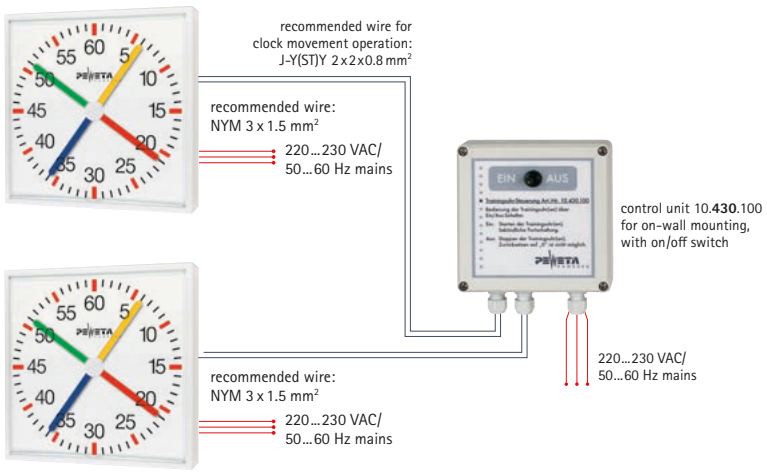
The training/pace clocks of this type series are optionally available with custom enamelled cases (RAL 5005) or with wall or ceiling mounting brackets

This kind of training/pace clocks indicates split times during swim training/warm-up training. Times are taken by each swimmer individually. The 4-coloured seconds cross indicates the time elapsed, one complete turn corresponds to exactly 60 seconds.

For parallel operation of 2 training clocks, the slave clock type connected to the central control unit 10.**430**.100 is recommended. Thus an identical display (synchronous time) is always guaranteed on all training clocks connected.

Wiring diagram for parallel operation

2 training clocks 71.**765**.611
with control unit 10.430.100



Training clocks resistent to thrown balls
for indoors see pages 54 and 55.

Case
■ cir. 642 x 642 mm
weatherproof aluminium case. Outside 2-layer tempered enamel, light grey (RAL 7035). Optionally custom enamelled, at a surcharge. Extraordinarily solid construction, incl. light fitting. Absolutely corrosion resistant and weatherproof.
Protection grade IP 54 (EN 60 529).

Mounting
On-wall mounting as standard. Wall or ceiling mounting bracket available at a surcharge (option).

Clock types
- Quartz movement, mains operated 230 VAC, fixed power supply.
- Slave movement, pulse operated 24 V
To be operated by control unit 10.**430**.100 only.
Recommended for synchronized, parallel operation of 2 training clocks/pace clocks 71.**765**.611 **in securely fixed position**.

Face (backlighted)
Acrylic plastic, white, translucent, 5 mm thick, with red/black second bars and black numerals. Very distinctive and easy doubt-free reading even over longer distances. Minimum reading distance 30 m.

Illumination
Backlighting by durable, maintenance-free light-emitting diodes (LEDs), operating voltage 230 VAC/50…60 Hz. As an option, a light-sensitive switch can be included.

Hands
Acrylic plastic 4-coloured cross, translucent, intervals in second cycles.

Front glass
Shock-resistant, highly transparent 4 mm Plexiglas® XT.

Indoor/ Outdoor
analog
single-sided

Type series
765

Technical data	
Operating power (quartz clock type, mains operated)	220…230 VAC
Operating power (slave clock type, pulse operated)	24 V second pulses
Operating power (illumination)	230 VAC/50–60 Hz
Intervals	second cycles
Dial sections	0…60
Reading distance	min. 30 m

Clock type	Item No.	€ each
Quartz clock, mains operated 230 VAC	42.**765**.611	**2,390.–**
Slave clock, minute pulse 24 V (second cycles)	71.**765**.611	**2,190.–**

Accessory	Item No.	€ each
Control unit for 2 training clocks 71.**765**.611, operating power 220…230 VAC/50…60 Hz, ON/OFF switch	10.**430**.100	**359.–**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Case with lugs for suspension by ropes or chains (indoor mounting only)	**-30**	**on request**
Wall or ceiling mounting bracket for single-sided outdoor clocks, standard length 70 mm	**-34**	**on request**
Light-sensitive switch for internal illumination	**-44**	**250.–**
Custom logo on clock face	**-47**	**on request**

Options – just as *you* like them …
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Function
The (swim) training/pace clock can be used by any number of swimmers simultaneously.
The crossed second hands show the time elapsed in seconds.
The swimmer will wait for a maximum of 14 seconds until the next colour of the four second hands ("his" colour) reaches the 12-o'clock-position and will then memorise the colour of "his" hand.
Upon reaching the edge of the pool (after 1 or 2 laps) the time elapsed can be read according to the position of "his" second hand.

Training clocks resistent to thrown balls
for indoors see pages 54 and 55.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added.
Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Outdoor Clocks (also suitable for large halls) four-sided, backlighted

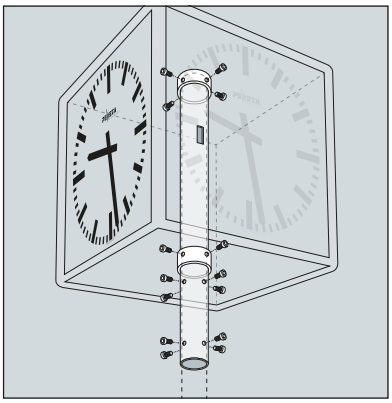
LED

Outdoor
analog
four faces

Type series
790

71.**790**.626 shown
with pole adapter 01.790.001

Different face and hand variations are possible (price on request).



Pole adapter 01.**790**.001
As a minimum, the pole must be inserted up to the floor plate of the clock case. For optimum stability, however, the pole should reach as far as the top panel of the clock case.

Extraordinarily sturdy **high quality industrial grade** outdoor clocks. Also suitable for indoors, e. g. for large halls.
Solid workmanship, backlighted, weather protected case (IP54/EN 60 529).

We provide a ready-to-install product which can be mounted and connected without problem. The clock contains finished electrical wiring as well as mechanical fixing points for mounting. On request, we will be happy to support you with additional mounting instructions and other information.

Clock cubes for indoor use
see pages 46 ... 49.

Case
- cir. 780 x 780 x 780 mm
  weight cir. 80 kg
- cir. 980 x 980 x 980 mm
  weight cir. 100 kg

Weatherproof metal case, four-sided, including light fitting. Frame of extruded hollow aluminium mouldings, neatly mitred at all corners. Clock faces are attached to frame with hidden stainless steel hinges and inspection latches for maintenance access. Interior of case permanently ventilated to avoid condensation. Outside surface anodised in silver (E6/EV1) as standard, or, at a surcharge, custom enamelled (option).

Mounting
As standard, no mounting fixtures are included in delivery shipment.
Optional mounting accessories:
- A reinforced floor plate for mounting on solid ground
- A pole adapter for centred mounting, diameter adapted to the existing pole. The adapter extends from the bottom of the clock case's top panel as far as 300 mm below the floor plate of the case. The pole may be inserted into the inside of the clock case at will.

The clock case is designed for wind loads of up to cir. 0.5 KN/m² (standard value). Actual wind loads depend on the individual location and have to be accounted for locally. This considered, a sufficiently firm footing is to be made sure.

Front glasses
Single-pane safety glass (according to German safety standard ESG), embedded in permanently elastic, weatherproof special gaskets.

Faces (backlighted)
Acrylic plastic, translucent, white, large DIN black bar markings. Very distinctive and easy doubt-free reading even over longer distances.
Faces printed according to DIN 41 049.
Other face and hand variations on request.

Illumination
Backlighting by durable, maintenance-free light-emitting diodes (LEDs), operating voltage 230 VAC/50…60 Hz. As an option, a light-sensitive switch can be included.

Hands
Pointed black DIN bar-type hands (DIN 41 902) for hour and minute. Distinctive red "Railway Station clock" type second hands with "eye" on slave clock with synchronous second hands (**74**.xxx) only.

Outdoor
analog
four faces

Type series
790

Face dimensions ▶ Clock type	600 x 600 mm Item No.	€ each	800 x 800 mm Item No.	€ each
DCF77 radio controlled clock, mains operated 230 VAC [1]	52.**790**.626	**7,290.–**	52.**790**.826	**9,090.–**
Slave clock, minute pulse 12…60 V	71.**790**.626	**6,690.–**	71.**790**.826	**8,490.–**
Slave clock, min. pulse 12/24 V, synch. second hand 230 VAC/50 Hz	74.**790**.626	**8,690.–**	74.**790**.826	**10,490.–**
Telegram slave clock, *DCFport24*, mains operated 230 VAC [2]	83.**790**.626	**7,100.–**	83.**790**.826	**8,900.–**
RC telegram slave clock, *AirPort24*, mains operated 230 VAC	85.**790**.626	**7,350.–**	85.**790**.826	**9,150.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [3]	91.**790**.626	**7,490.–**	91.**790**.826	**9,290.–**

Accessories	Item No.	€ each
Pole adapter, length outside case 300 mm, for mounting on top of existing pole (measurements are to be coordinated)	01.**790**.001	**990.–**
Reinforced floor plate, necessary for on-site mounting	01.**790**.003	**390.–**
Shipment packing (sturdy wood crate/planking)	01.**790**.004	**on request**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Case with lugs for suspension by ropes or chains (indoor mounting only)	**-30**	**495.–**
Light-sensitive switch for internal illumination	**-44**	**395.–**
Custom logo on clock face	**-47**	**on request**

Options – just as *you* like them …
These clocks are available optionally with customised features at the surcharges as listed. Just pick your option(s) and add the appropriate suffix(es) to the Item No.

Security advice:
Fulfilment of local building standards and other pertinent safety regulations as well as preparation of the mounting surface or load bearing calculations for the foundation and wind loads on the supporting structure are always the responsibility of the customer and/or his architect/building contractor.

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

PEWETA *AirPort24*
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 135).

NTP
NTP system clocks require a PEWETA master clock (see from page 130 on) or an NTP time server (see page 137).

[1] A remotable DCF77 receiving aerial is included in delivery shipment.
[2] *DCFport24* pulse telegram slave clocks require a 230 VAC power supply.
[3] NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

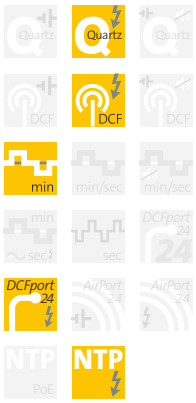
Clock cubes for indoor use
see pages 46 … 49.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Displays, outdoor
showing the time, date, and temperature (option)

Digital displays
single and double-sided outdoor

Type series
820



52.**820**.251 shown

Large, sturdy digital displays with distinct, double-row LEDs, optimum readability, even at longer distances.

52.**820**.182

52.**820**.183 **–66**, temperature display

52.**820**.181, date display

Further models
On request, the LED digital displays of this type series are also available with other cipher heights.

LED digital displays for indoors
see pages 92 and 94.

Case
- cir. 840 x 260 x 82 mm (cipher height 180 mm)
- cir. 1250 x 350 x 83 mm (cipher height 250 mm)

sturdy case made from powder-coated aluminium profiles, case colour black. Mounting on tilting bracket for easy Installation and maintenance. Protection grade IP 40 (EN 60 529).

Mounting
- single-sided type for on-wall mounting, or with additional, sturdy ceiling-mount fixture (accessory)
- double-sided type including sturdy wall-mount fixture, standard length cir 90 mm or ceiling-mount fixture, standard length 100 mm. Other lengths available on request.

Front glass
Flat plastic glass treated for low reflectivity, additional filter layer for optimum readability.

LED digital display
4-digit display with high-grade double-row LEDs, 7-segment technology, cipher colour red (other LED colours available, see options). Cipher height 180 mm or 250 mm, manual or automatic brightness control. Alternating display of time, date, and temperature possible (intervals adjustable).
Operating voltage 230 VAC/50..60 Hz.

Infrared remote control unit
All settings and the operation of the stopwatch mode are triggered by a wireless infrared remote control unit, included in delivery shipment.

Stopwatch mode
This LED digital display can also be used as a stopwatch in count-up, count-down, and training modes.
Various modes and key functions can be set. Operation by the wireless infrared remote control unit included.

Digital displays
single and double-sided outdoor

Type series **820**

Technical data		Cipher height 180 mm	Cipher height 250 mm
Case	colour	black (RAL 9005)	black (RAL 9005)
	dimensions W x H x D (single-sided version)	cir. 840 x 260 x 82 mm	cir. 1250 x 350 x 83 mm
	weight (single-sided version)	cir. 10 kg	cir. 17 kg
LED display	cipher height hour/minute	cir. 180 mm	cir. 250 mm
	cipher colour	red	red
	reading distance up to	cir. 70 m	cir. 100 m

Single-sided type (on-wall mounting)	Cipher height ▶ Operating voltage ▼	180 mm Item No.	€ each	250 mm Item No.	€ each
Quartz clock	230 VAC	42.**820**.181	**2,050.–**	42.**820**.251	**2,770.–**
DCF77 radio controlled clock, including external receiving aerial (IP 54)	230 VAC	52.**820**.181	**2,210.–**	52.**820**.251	**2,930.–**
Slave clock, minute pulse 24 V	230 VAC	71.**820**.181	**2,110.–**	71.**820**.251	**2,830.–**
Telegram slave clock, *DCFport24*, 24 V	230 VAC	83.**820**.181	**2,110.–**	83.**820**.251	**2,830.–**
NTP system clock (NTP client), synchronisation by LAN [1]	230 VAC	93.**820**.181	**2,250.–**	93.**820**.251	**2,970.–**

Double-sided type (incl. wall or ceiling mounting brackets)	Cipher height ▶ Mounting ▼	180 mm Item No.	€ each	250 mm Item No.	€ each
Quartz clock, mains operated 230 VAC	wall	42.**820**.182	**4,420.–**	42.**820**.252	**7,090.–**
	ceiling	42.**820**.183	**4,420.–**	42.**820**.253	**7,090.–**
DCF77 radio controlled clock, including external receiving aerial (IP 54), mains operated 230 VAC	wall	52.**820**.182	**4,580.–**	52.**820**.252	**7,250.–**
	ceiling	52.**820**.183	**4,580.–**	52.**820**.253	**7,250.–**
Slave clock, minute pulse 24 V, mains operated 230 VAC	wall	71.**820**.182	**4,480.–**	71.**820**.252	**7,150.–**
	ceiling	71.**820**.183	**4,480.–**	71.**820**.253	**7,150.–**
Telegram slave clock, *DCFport24*, 24 V, mains operated 230 VAC	wall	83.**820**.182	**4,480.–**	83.**820**.252	**7,150.–**
	ceiling	83.**820**.183	**4,480.–**	83.**820**.253	**7,150.–**
NTP system clock (NTP client), synchronisation by LAN [1], mains operated 230 VAC	wall	93.**820**.182	**4,620.–**	93.**820**.252	**7,290.–**
	ceiling	93.**820**.183	**4,620.–**	93.**820**.253	**7,290.–**

Accessories	Item No.	€ each
Lateral wall mounting fixture for one single clock, bracket length cir. 90 mm	01.**820**.102	**on request**
Ceiling mounting for one single clock, pendulum length cir. 100 mm	01.**820**.103	**on request**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
Custom length ceiling mounting fixture	**-31**	**on request**
Alternating temperature display, including external temperature sensor (IP 54)	**-66**	**95.–**
White LEDs	**-76**	**on request**
Amber LEDs	**-78**	**on request**
Green LEDs	**-79**	**on request**
Blue LEDs	**-80**	**on request**

[1] NTP system clock require a LAN access point. Appropriate hardware has to be supplied by customer.

DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

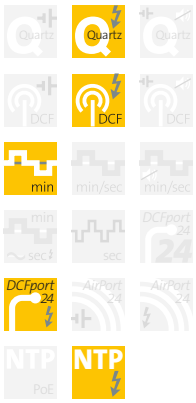
LED digital displays for indoors
see pages 92 and 94.

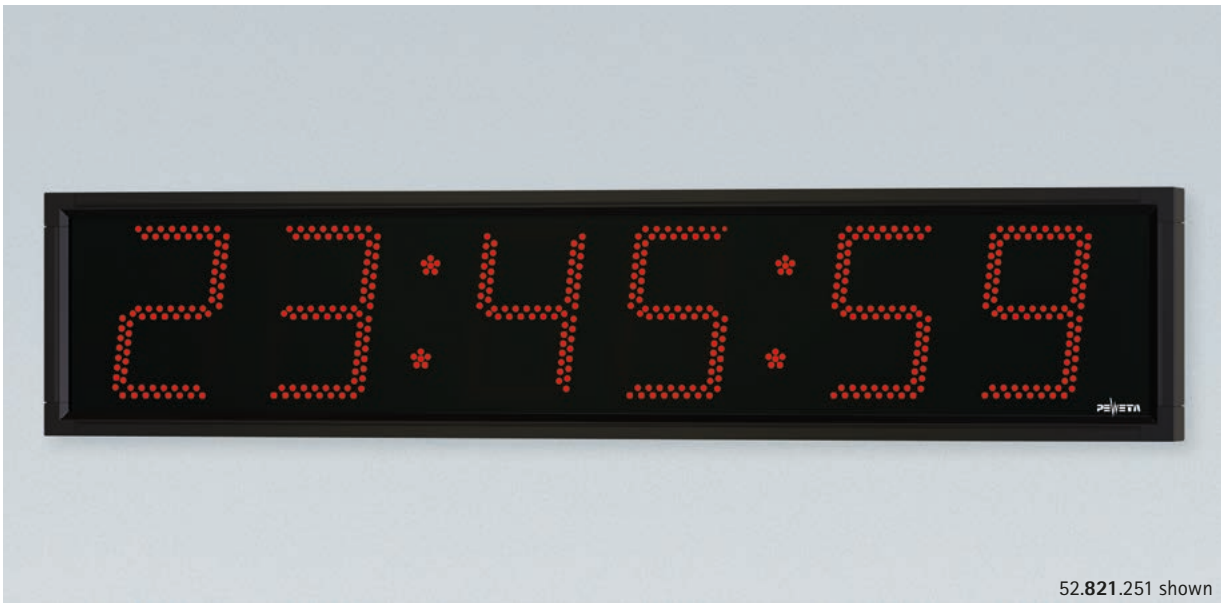
All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Digital Displays, outdoor
showing the time, date, and temperature (option)

Digital displays
single and double-sided outdoor

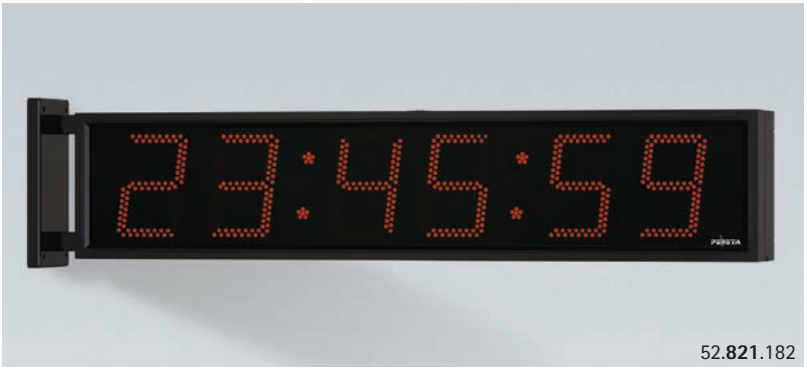
Type series
821





52.**821**.251 shown

Large, sturdy digital displays with distinct, double-row LEDs, optimum readability, even at longer distances.



52.**821**.182

52.**821**.183 **-66**, temperature display

52.**821**.181, date display

Further models
On request, the LED digital displays of this type series are also available with other cipher heights.

LED digital displays for indoors
see pages 92 and 94.

Case
- cir. 1220 x 260 x 82 mm (cipher height 180 mm)
- cir. 1740 x 350 x 83 mm (cipher height 250 mm)

sturdy case made from powder-coated aluminium profiles, case colour black. Mounting on tilting bracket for easy installation and maintenance. Protection grade IP 40 (EN 60 529).

Mounting
- single-sided type for on-wall mounting, or with additional, sturdy ceiling-mount fixture (accessory)
- double-sided type including sturdy wall-mount fixture, standard length cir 90 mm or ceiling-mount fixture, standard length 100 mm. Other lengths available on request.

Front glass
Flat plastic glass treated for low reflectivity, additional filter layer for optimum readability.

LED digital display
6-digit display with high-grade double-row LEDs, 7-segment technology, cipher colour red (other LED colours available, see options). Cipher height 180 mm or 250 mm, manual or automatic brightness control. Alternating display of time, date, and temperature possible (intervals adjustable).
Operating voltage 230 VAC/50..60 Hz.

Infrared remote control unit
All settings and the operation of the stopwatch mode are triggered by a wireless infrared remote control unit, included in delivery shipment.

Stopwatch mode
This LED digital display can also be used as a stopwatch in count-up, count-down, and training modes.
Various modes and key functions can be set. Operation by the wireless infrared remote control unit included.

Digital displays
single and double-sided outdoor

Type series **821**

Technical data		Cipher height 180 mm	Cipher height 250 mm
Case	colour	black (RAL 9005)	black (RAL 9005)
	dimensions W x H x D (single-sided version)	cir. 1220 x 260 x 82 mm	cir. 1740 x 350 x 83 mm
	weight (single-sided version)	cir. 14 kg	cir. 25 kg
LED display	cipher height hour/minute	cir. 180 mm	cir. 250 mm
	cipher colour	red	red
	reading distance up to	cir. 70 m	cir. 100 m

Single-sided type (on-wall mounting)	**Cipher height ▶ Operating voltage ▼**	**180 mm Item No.**	**€ each**	**250 mm Item No.**	**€ each**
Quartz clock	230 VAC	42.**821**.181	**2,560.–**	42.**821**.251	**3,590.–**
DCF77 radio controlled clock, including external receiving aerial (IP 54)	230 VAC	52.**821**.181	**2,720.–**	52.**821**.251	**3,750.–**
Slave clock, minute pulse 24 V	230 VAC	71.**821**.181	**2,620.–**	71.**821**.251	**3,650.–**
Telegram slave clock, *DCFport24*, 24 V	230 VAC	83.**821**.181	**2,620.–**	83.**821**.251	**3,650.–**
NTP system clock (NTP client), synchronisation by LAN [1]	230 VAC	93.**821**.181	**2,760.–**	93.**821**.251	**3,790.–**

Double-sided type (incl. wall or ceiling mounting brackets)	**Cipher height ▶ Mounting ▼**	**180 mm Item No.**	**€ each**	**250 mm Item No.**	**€ each**
Quartz clock, mains operated 230 VAC	wall	42.**821**.182	**5,440.–**	42.**821**.252	**8,840.–**
	ceiling	42.**821**.183	**5,440.–**	42.**821**.253	**8,840.–**
DCF77 radio controlled clock, including external receiving aerial (IP 54), mains operated 230 VAC	wall	52.**821**.182	**5,600.–**	52.**821**.252	**9,000.–**
	ceiling	52.**821**.183	**5,600.–**	52.**821**.253	**9,000.–**
Slave clock, minute pulse 24 V, mains operated 230 VAC	wall	71.**821**.182	**5,500.–**	71.**821**.252	**8,900.–**
	ceiling	71.**821**.183	**5,500.–**	71.**821**.253	**8,900.–**
Telegram slave clock, *DCFport24*, 24 V, mains operated 230 VAC	wall	83.**821**.182	**5,500.–**	83.**821**.252	**8,900.–**
	ceiling	83.**821**.183	**5,500.–**	83.**821**.253	**8,900.–**
NTP system clock (NTP client), synchronisation by LAN [1], mains operated 230 VAC	wall	93.**821**.182	**5,640.–**	93.**821**.252	**9,040.–**
	ceiling	93.**821**.183	**5,640.–**	93.**821**.253	**9,040.–**

Accessories	**Item No.**	**€ each**
Lateral wall mounting fixture for one single clock, bracket length cir. 90 mm	01.**820**.102	**on request**
Ceiling mounting for one single clock, pendulum length cir. 100 mm	01.**820**.103	**on request**

Options	**Suffix**	**Surcharge € each**
Case custom enamelled	**-10**	**on request**
Custom length ceiling mounting fixture	**-31**	**on request**
Alternating temperature display, including external temperature sensor (IP 54)	**-66**	**95.–**
White LEDs	**-76**	**on request**
Amber LEDs	**-78**	**on request**
Green LEDs	**-79**	**on request**
Blue LEDs	**-80**	**on request**

[1] NTP system clock require a LAN access point. Appropriate hardware has to be supplied by customer.

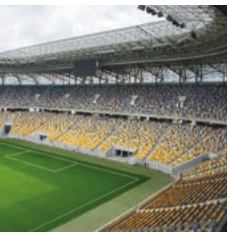
DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remotable DCF77 aerial (IP 68). Thus, optimum reception quality can be achieved regardless of the final placement of the clock itself. However, DCF77 radio controlled clocks will only function correctly within a radius of approx. 1,500 km around Mainflingen (50 km east of Frankfurt/M.).

PEWETA *DCFport24*
PEWETA DCFport24 slave clocks require a PEWETA master clock (see from page 130 on).

LED digital displays for indoors
see pages 92 and 94.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

LED Soccer Score Display Board, outdoor
showing game time and time respectively



Indoor
analog
single-sided

Type series
830

24.**830**.422 shown

7-segment LED technology score display board, cipher height 460 mm, reading distance up to cir. 180 m. Suitable for soccer, rugby, and lawn hockey.

Further models
of this type series with 250 mm LED cipher height for small sports facilities or with LED text display for team names or messages in moving-script-method available on request.

Scoreboards for indoors
see pages
96 ... 102.

Case
■ cir. 2500 x 1800 x 90 mm consisting of 2 modules. Very sturdy aluminium cases, enamelled black. Protection grade IP 54 (EN 60 529).

Resistance to thrown balls
The soccer score display board of this type series is resistant to thrown balls in accordance with German standards VDE 0710, part 13:1981-05 and DIN 18032, part 3 and thus are suitable for outdoor sporting facilities.

Mounting
On-wall mounting by means of 4 angular metal brackets (included in delivery shipment).
Rear-side mounting bracket for attachment to a double T-beam or pole pipe available on request.

Front glass
Flat shock-resistant plastic glass.

HOME/GUEST labelling
Permanent labelling by self-adhesive film, available in various languages.

Score display
One 2-digit display per team, 7-segment triple-row LED technology, cipher colour red, cipher height 460 mm. Manual brightness control in 9 steps triggered by the control panel.

Game time display
4-digit display with 7-segment triple-row LED technology, cipher colour red, cipher height 460 mm, showing game time in minutes and seconds during a game.
Real time display showing hours and minutes when no game is going on possible. Quartz technology (DCF77 receiving aerial or time display interface to import the *DCFport24* pulse telegram from a PEWETA master clock available as accessories).

Scope of delivery
- **1 control panel**, multi-lingual, transfer by radio, frequency 868 .. 869 MHz (standard), or wire-based (option), with LCD display and keyboard. Programs for soccer, rugby, and lawn hockey stored
- **1 wall plug adapter** for charging the rechargeable batteries of the control panel
- **1 transport case** (cir. 355 x 255 x 86 mm) to safely store control panel and plug adapter.

Safety advice:
Fulfilment of local building standards and other pertinent safety regulations as well as preparation of the mounting surface or load bearing calculations for the foundation and wind loads on the supporting structure are always the responsibility of the customer and/or his architect/building contractor.

Indoor
analog
single-sided

Type series
830

Technical data	
Data transmission	wireless 868..869 MHz
Case dimensions (WHD)	cir. 2500 x 1800 x 90 mm
Front cover	polycarbonate treated for low reflectivity
Cipher height	460 mm
Reading distance	cir. 180 m, view angle cir. 160°
Weight	cir. 85 kg
Operating voltage	mains 220..230 V AC/50..60 Hz

Type	Score display	Item No.	€ each
Display board with (game) time display	2 digits per team	24.**830**.422	**7,990.–**

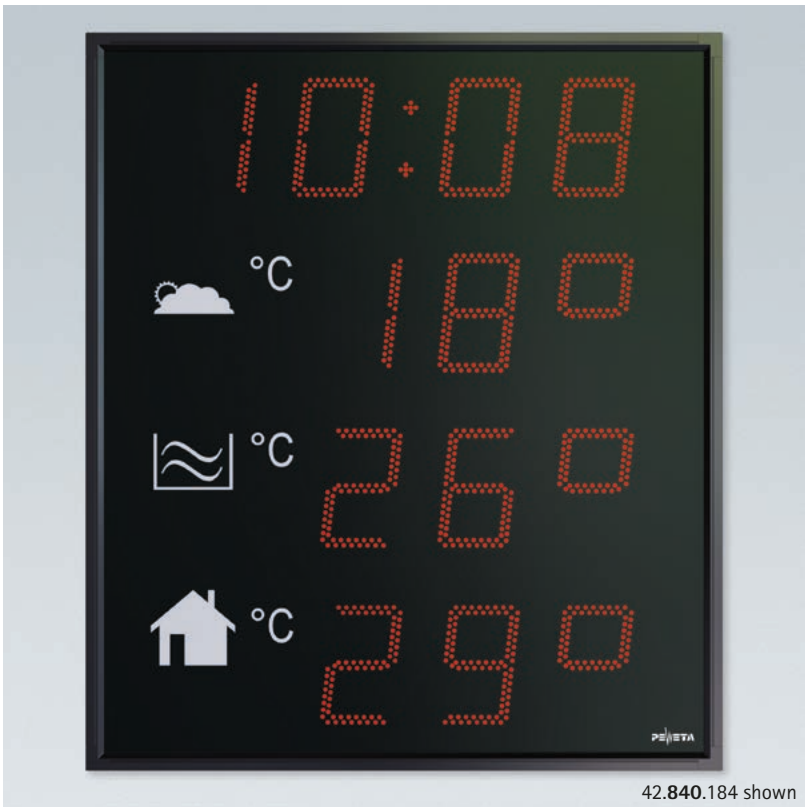
Accessories	Item No.	€ each
DCF77 receiving aerial (IP65) for precise local time and fully automatic change-over of summer/winter time	03.**925**.185	**295.–**
Time display interface to import the *DCFport24* telegram from a PEWETA type series 921 master clock	04.**676**.000	**95.–**

Scoreboards for indoors
see pages 96 ... 102.

LED Swimming Pool Displays
indoor and outdoor use

Digital displays
indoor and outdoor use

Typreihe
840



42.**840**.184 shown

42.**840**.183

42.**840**.182

Single face LED digital display for indoor and outdoor use.
Display of time and choice of 1, 2, or 3 temperatures.

- 4-digit time display
- Display of 1, 2, or 3 temperatures
- Cipher height 100 mm or 180 mm

Your choice
Choose the number of temperature displays and the number of sensors from the table. The order of display lines and permanent labelling (symbols or text) may be chosen freely.
All displays will be supplied with red LEDs as standard. Other LED colours are optionally available at a surcharge and may be freely selected per line of display. The type of display (with decimal place or with degree symbol) is adjustable.

42.**840**.183 **-78 -78**

Temperature displays with decimal place and amber LEDs, permanent labelling as text

42.**840**.103 **-78 -78**

Temperature displays with decimal place and amber LEDs, permanent labelling as symbols

42.**840**.182 **-76 -80**

Time display with white LEDs, temperature display with blue LEDs, permanent labelling as a symbol

Case
Very sturdy case made from powder-coated aluminium profiles, case colour black. Mounting on tiltable bracket for easy installation and maintenance. Protection grade IP 40 (EN 60529).

Mounting
On-wall mounting as standard, further mounting options available on request.

Front glass
Flat plastic glass treated for low reflectivity, additional filter layer for optimum readability.

Permanent labelling
Individual choice of symbols or text.

LED digital display
4-digit time display (quartz version, DCF77 aerial is an accessory) as well as 1..3 temperature displays, 3 digits, 2-digit number with choice of degree symbol or decimal place.
High-grade double row outdoor LEDs, cipher colour red. Other LED colours (amber, green, white or blue), also for individual rows, optionally available at an extra charge.
7-segment display, cipher height 100 mm (reading distance up to cir. 40 m) or 180 mm (reading distance up to cir. 70 m), automatic brightness control.
Temperature readings manually adjustable or measured using external sensors (accessories).
Operating voltage 230 VAC/50..60 Hz.

Infrared remote control unit
All settings are triggered by a wireless infrared remote control unit, included in delivery shipment.

Temperature measurement
Temperature readings may either be set manually or be measured using external sensors. Manual input is recommended for constant temperatures (indoor air, water)
For temperature measurement we offer the following sensors:
- Air temperature sensor with 3 m connecting wire (3 pole connection to the display), recommended for temperature measurement at the location of the display
- Air temperature sensor with 30 m connecting wire (3 pole connection to the display), recommended e.g. for measuring the outside air temperature if the display is installed indoors
- Water temperature sensor RS485, connection via 6 core twisted-pair wire UTP or STP (not included), max. length cir. 1.000 m.

Digital displays
indoor and outdoor use

Typreihe
840

Technical Data	Case	Cipher height 100 mm	Cipher height 180 mm
2-line display	dimensions (W x H x D)	cir. 530 x 360 x 60 mm	cir. 940 x 560 x 60 mm
	weight	cir. 10 kg	cir. 24 kg
3-line display	dimensions (W x H x D)	cir. 530 x 515 x 60 mm	cir. 940 x 830 x 60 mm
	weight	cir. 14 kg	cir. 35 kg
4-line display	dimensions (W x H x D)	cir. 530 x 670 x 60 mm	cir. 940 x 1.090 x 60 mm
	weight	cir. 17 kg	cir. 44 kg

Type	Cipher heigt ▶ Operating voltage ▼	100 mm Item No.	€ each	180 mm Item No.	€ each
2-line display of time and 1 temperature	230 VAC	42.**840**.102	**1,890.–**	42.**840**.182	**2,550.–**
3-line display of time and 2 temperatures	230 VAC	42.**840**.103	**2,190.–**	42.**840**.183	**2,850.–**
4-line display of time and 3 temperatures	230 VAC	42.**840**.104	**2,590.–**	42.**840**.184	**3,250.–**

Accessories	Item No.	€ each
DCF77 receiving aerial (IP 54)	03.**925**.181	**175.–**
Air temperature sensor (IP 66) with 3 m connecting wire	04.**840**.103	**110.–**
Air temperature sensor (IP 66) with 30 m connecting wire	04.**840**.130	**160.–**
Water temperature sensor RS485 (IP 68) with terminal box	04.**840**.200	**305.–**

Options	Suffix	Surcharge € each
Case custom enamelled	**-10**	**on request**
White LEDs	**-76**	**on request**
Amber LEDs	**-78**	**on request**
Green LEDs	**-79**	**on request**
Blue LEDs	**-80**	**on request**

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Control Units

- Master Clocks/Signalling Master Clocks
- DCF77/GPS Receiving Aerials
- Booster for Master Clocks
- *AirPort24* Transmitter and Repeater
- NTP Time Server
- 19" Modular Master Clock System

Clock systems, as compared to stand-alone clocks, have one main advantage: all connected slave clocks display *identical* time. The "source of time" for this time display service always is the Master Clock.

Master Clock/ Signalling Master Clock

Using an internal quartz time base, the maximum error is cir. ±0.1 sec. per day. If a radio receiver (DCF77 or GPS) is connected, the Master Clock will evaluate the time-and-date signals received, check for and correct any possible discrepancies and then transmit the updated time information as pulses (minute-, half minute- or second-pulses) or as a telegram (e.g. PEWETA *DCFport24* telegram by wire, *AirPort24* wireless telegram) to all connected slave clocks. Summer/winter time change-over is performed automatically. If the Master Clock is required, in addition to transmitting the time-and-date information, to effect switching operations, such as activation of optical and/or acoustic signalling devices to indicate start of work or break periods, in industry or at schools, master clocks can be equipped with additional signal (switching) outputs. These output terminals are free-floating and capable of controlling also other external equipment, such as lighting, air conditioning, ventilation, heating or security alarm systems as well as many others.

Conventional pulse

Conventional slave clocks are advanced by alternating polarity pulses (minute-pulse or second-pulse) one time unit at a time. 4-core wire is recommended for the slave clock control line(s), recommended type is J-Y(ST)Y 2x2x0,8 mm², but existing 2-wire lines may continue in use.

DCFport24 pulse telegram

PEWETA slave clocks with *DCFport24* input are controlled by a wire-transmitted DCF77 pulse (time and date) telegram. Their advantages over conventional slave clocks are:

- extremely easy "plug-and-play" installation
- no need to watch for control line polarity
- quick initiation by automatic, extremely rapid self-adjustment to current time, regardless of position of hands on analog clocks at delivery
- Central second hand(s) available as standard for clock faces up to 400 mm diameter.
- When changing over from conventional pulse control to the PEWETA *DCFport24* pulse telegram, existing 2-wire lines or networks may continue in use. For new installations, use of 4-core wire type J-Y(ST)Y 2x2x0,8 mm² is recommended.
- There is a possibility to use existing conventional slave clocks simultaneously with new PEWETA *DCFport24* pulse telegram slave clocks. To make use of this possibility, a PEWETA Master Clock series 920 with 2 slave clock lines is required as a minimum. Parallel operation on a single slave clock line requires a PEWETA Master Clock series 921. Type of pulse and/or telegram may be assigned to each slave clock line individually.

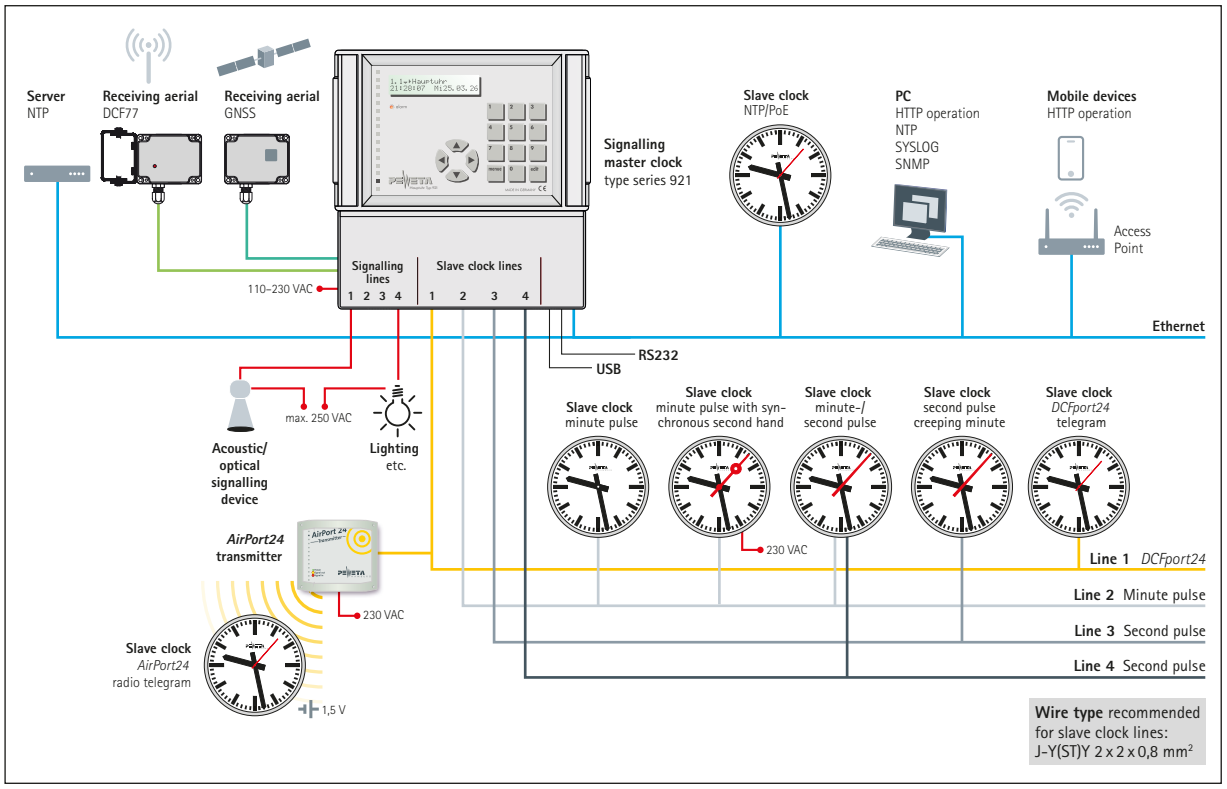
AirPort24 radio telegram (RF)

The PEWETA *AirPort24* system enables a

- wireless transmission of time and date information to all *AirPort24* slave clocks (868..869 MHz frequency band).

For more information please ask for our data sheet.

Wiring Diagram
for PEWETA type series 921 Master Clock



Wiring diagram
for type series
921 Master Clock

Slave clocks of the following types may be operated by a PEWETA type series 921 Master Clock:

Minute Pulse, 12 ... 60 V

The polarity alternating pulse is distributed by a two-wire line. In analog clocks, the minute pulse also is the power supply. Before initiation, all slave clocks must be manually pre-set to indicate the starting time. All clocks must be connected in the same polarity.

Minute and Second Pulse, 12/24 V

To control slave clocks with minute/second pulse movements, a Master Clock with a minimum of 2 slave clock lines is required. In addition to the minute pulse (see above), a polarity alternating second pulse is transmitted on a separate (!) 2-wire line. In analog clocks, the minute and second pulse also is the power supply. Before initiation, all slave clocks must be manually pre-set to indicate the starting time. All clocks must be connected in the same polarity.

Minute Pulse 12/24 V, Synchronous Second, 230 V AC/50...60 Hz

Same function as minute pulse 12...60 V, however, the creeping second hand is powered by 230 VAC/50...60 Hz mains and is synchronised to the polarity alternating minute pulse at every full minute.

Second Pulse 12/24 V with Creeping Minute

To control slave clocks with a second pulse only movement a second pulse with a 12-hour cycle is required. The polarity alternating second pulse is transmitted by a 2-wire line, the creeping minute hand is "pulled along". In analog clocks, the second pulse also is the power supply. Before initiation, all slave clocks must be manually pre-set to indicate the starting time. All clocks must be connected in the same polarity.

DCFport24 Telegram

An interference-protected DCF77 telegram (12/24 V) is transmitted by a 2-wire line. All clocks connected to the system will automatically adjust to current time (plug-and-play), independent of polarity and position of hands in analog clocks. No manual presetting of time is required. For analog clocks and LCD digital clocks, this also provides the operating power. Analog clocks with faces up to 400 mm diameter always come equipped with a second hand.
The *DCFport24* is also capable of providing power for a limited number of LED digital clocks, otherwise, 230 VAC/50...60 Hz (for other voltages, please call us) mains power is required.

For further information please ask for our data sheet.

AirPort24 Radio Telegram

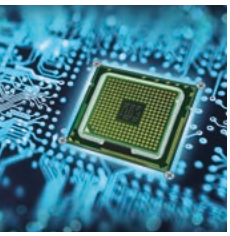
To control slave clocks by *AirPort24* radio telegram, at least 1 *AirPort24* transmitter, and if conditions dictate, 1 *AirPort24* repeater are required, in addition to a PEWETA type 921 master clock. A wire network, as in conventional slave clock systems, is not required, complete time and date information is distributed interference-proof by RF transmission (in the 868 ... 869 MHz UHF band) throughout a radius of cir. 250 m to all slave clocks located in this reception area. All clocks self-adjust to current time immediately and fully automatically (plug-and-play) . Analog clocks may operate either on 1.5 V battery power or 230 VAC/50...60 Hz mains, LED digital clocks always need 230 VAC/50...60 Hz (other voltages/cycles on request) mains power. Analog clocks with faces up to 400 mm diameter always come equipped with a second hand.
For further information about the *AirPort24* radio telegram please ask for our data sheet.

Different clock drive modes may be used in parallel on different slave clock lines.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Master Clock/Signalling Master Clock

DCF77, GPS or LAN/NTP controlled



Master Clocks/ Signalling Master Clocks and extras

Type series **921**

Type series **925**

10.**921**.122 shown

Typical performance data

Control of slave clocks

- **1, 2 or 4 slave clock lines**
- **Line voltage** 12 V or 24 V
- **Line mode** may be selected as
  - alternating polarity minute pulse
  - alternating polarity half-minute pulse
  - alternating polarity second pulse
  - *DCFport24* telegram
  - *DCFport24* and minute pulse, parallel operation of conventional slave clocks and *DCFport24* telegram slave clocks on a single slave clock line.
- **Pulse duration** is adjustable from .2 sec to 9.9 sec.
- **Total output power** is 1 A at 24 V line voltage to control up to
  - 160 conventional slave clocks (at 6 mA/24 V each) or up to
  - 50 PEWETA *DCFport24* telegram slave clocks, expandable by using a pulse amplifier (Item Number 10.**930**.124), see page 20.
- Optional **power outage reserve**, selectable for individual slave clock lines. A rechargeable 12 V/1.5 Ah NiMh battery provides for continued operation of the master clock and all connected clocks in case of a mains power outage.
- Upon **return of mains power** (e. g. after a mains outage) all connected clocks immediately readjust to current time.
- **Slave clock lines with voltage and current surveillance**. Mains power outage, overload (or low voltage when operating in memory mode) in the clock control line will cause an alarm by red LED as well as an alarm flag in the display and messages via network as SYSLOG or SNMP.
- **Slave clocks will automatically be stopped when low voltage is detected.**
- **Secondary Master Clocks** for expanding the clock system may be synchronised by the *DCFport24* output.
- For the control of world time displays, freely configurable and pre-programmed **zone times** are included.
- 1 **RS232 serial interface** (output) is available for continuous transmission of time-and-date information in ASCII format.

Signalling device

- 0, 2 or 4 programmable signal contacts (switch points/free-floating contacts) capable of 250 VAC/2 A
- Choice of program run for a day, a week or a year
- 300 switch actions programmable
- ON/OFF switching or pulse action as well as suppress and release functions
- Fastest possible switching sequence: 1 second
- Fixed-program calendar through 2099
- Data retention on power outage > 5 years.

Network

- Ethernet port (RJ45)
- Easy set-up by web browser. Program slave clock lines, switch actions and system settings from a **PC**, a **tablet** or a **smartphone**
- Ethernet IEEE 802.3 10/100BASE-T: HTTP, NTP, (S)NTP, DHCP, SYSLOG, SNMP

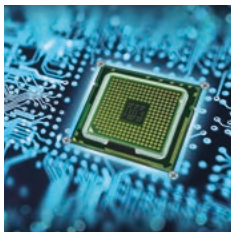
Additional performance data

- Radio control by DCF77 (option)
- Radio control by GNSS/GPS-GLONASS-GALILEO (option)
- NTP/Network Time Protocol input terminal (RJ45) for synchronisation by LAN (option)
- Alphanumeric LCD display for user-friendly dialog-type navigation, time-and-date readout and alarm indications
- PIN-coded keyboard lock
- A temperature compensated crystal oscillator (TCXO) ensures a deviation of less than 0.1 seconds/day during autonomous operation
- USB 2.0 Type A port for software updates by USB stick.

Technical data		
Case	width x height x depth	cir. 236 x 239 x 85 mm
	material	ABS
	colour	RAL 7035 (light grey)
	weight	cir. 2.5 kg (incl. power outage batteries)
Milieu	VDE classification	I
	protection grade (EN 60 529)	IP 32
	surrounding temperature	0 °C up to 40 °C
Electrical values	mains voltage	220..230 V AC/50 ... 60 Hz
	power consumption	1.5 ... 38 VA
	line voltage/pulse mode	12 V or 24 V
Total power output	24 V minute pulse	1000 mA max. (for up to160 slave clocks at 6 mA)
	24 V second pulse	500 mA max. (for up to 80 slave clocks at 6 mA)
	DCFport24 telegram 24 V	600 mA max. (for up to 50 slave clocks at12 mA)
	DCFport24+ minute pulse 24 V	600 mA max. (for up to 50 slave clocks at12 mA)
Network	topology	Ethernet IEEE 802.3
	bit rate	10/100BASE-T
	connector	RJ45
	network configuration	DHCP/manually

Type	Number of slave clock lines	Number of signalling contacts	Power outage reserve	Item No.	€ each
Master Clock	1	none	no	10.**921**.010	**890.–**
	1	none	yes	10.**921**.110	**1,060.–**
Signalling Master Clock	1	2	no	10.**921**.012	**1,090.–**
	1	2	yes	10.**921**.112	**1,260.–**
Master Clock	2	none	no	10.**921**.020	**990.–**
	2	none	yes	10.**921**.120	**1,160.–**
Signalling Master Clock	2	2	no	10.**921**.022	**1,220.–**
	2	2	yes	10.**921**.122	**1,390.–**
	2	4	no	10.**921**.024	**1,450.–**
	2	4	yes	10.**921**.124	**1,620.–**
Master Clock	4	none	no	10.**921**.040	**1,240.–**
	4	none	yes	10.**921**.140	**1,410.–**
Signalling Master Clock	4	4	no	10.**921**.044	**1,680.–**
	4	4	yes	10.**921**.144	**1,850.–**

Options	Suffix	Surcharge € each
Input for GPS radio control, incl. GPS aerial (IP 65/EN 60 529)	**-95**	**695.–**
NTP client for system time synchronisation via LAN	**-98**	**179.–**
NTP server for synchronising NTP clients via LAN incl. NTP client for system time synchronisation via LAN	**-99**	**349.–**



DCF77 Receiving Aerial for all type series 921 Master Clocks

03.**925**.111 shown

The DCF77 time signal telegram, as transmitted by the German time signal transmitter at Mainflingen near Frankfurt/Main, is a superior time standard for synchronization and automatic change from summer to winter time of radio controlled stand-alone clocks and master/slave clock systems. This PEWETA DCF77 aerial provides time-and-date information to all PEWETA Master Clocks and Signalling Master Clocks.

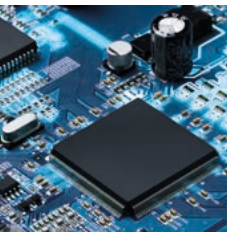
- Weatherproof plastic case (IP 68), for indoor/outdoor mounting, dimensions (W x H x D) cir. 100 x 65 x 37 mm
- Stainless steel mounting bracket
- 5 m connecting wire (LIYCY 4 x 0,25 mm²) included in delivery shipment, may be extended to a maximum length of 100 m.

Type	Item No.	€ each
External DCF77 receiving aerial (IP 68), for PEWETA Master Clocks	03.**925**.111	**174.–**

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

19" Master Clock/Signalling Master Clock

DCF77, GPS or LAN/NTP controlled



Master Clocks/ Signalling Master Clocks and extras

Type series **921**

Type series **925**

11.**921**.122 shown

Typical performance data

Control of slave clocks

- **2 or 4 slave clock lines**
- **Line voltage** 12 V or 24 V
- **Line mode** may be selected as
  - alternating polarity minute pulse
  - alternating polarity half-minute pulse
  - alternating polarity second pulse
  - *DCFport24* telegram
  - *DCFport24* and minute pulse, parallel operation of conventional slave clocks and *DCFport24* telegram slave clocks on a single slave clock line.
- **Pulse duration** is adjustable from .2 sec to 9.9 sec.
- **Total output power** is 1 A at 24 V line voltage to control up to
- 160 conventional slave clocks (at 6 mA/24 V each) or up to
- 50 PEWETA *DCFport24* telegram slave clocks, expandable by using a pulse amplifier (Item Number 10.**930**.124), see page 20.
- **Power outage reserve**, selectable for individual slave clock lines. A rechargeable 12 V/1.5 Ah NiMh battery provides for continued operation of the master clock and all connected clocks in case of a mains power outage.
- Upon **return of mains power** (e. g. after a mains outage) all connected clocks immediately readjust to current time.
- **Slave clock lines with voltage and current surveillance**. Mains power outage, overload (or low voltage when operating in memory mode) in the clock control line will cause an alarm by red LED as well as an alarm flag in the display and messages via network as SYSLOG or SNMP.
- **Slave clocks will automatically be stopped when low voltage is detected.**
- **Secondary Master Clocks** for expanding the clock system may be synchronised by the *DCFport24* output.
- For the control of world time displays, freely configurable and pre-programmed **zone times** are included.
- 1 **RS232 serial interface** (output) is available for continuous transmission of time-and-date information in ASCII format.

Signalling device

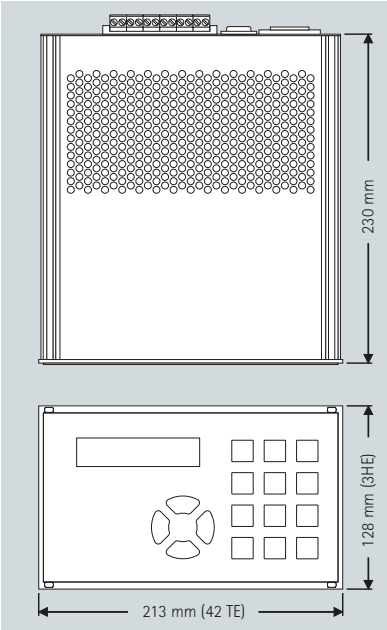
- 0, 2 or 4 programmable signal contacts (switch points/free-floating contacts) capable of 250 VAC/2 A
- Choice of program run for a day, a week or a year
- 300 switch actions programmable
- ON/OFF switching or pulse action as well as suppress and release functions
- Fastest possible switching sequence: 1 second
- Fixed-program calendar through 2099
- Data retention on power outage > 5 years.

Network

- Ethernet port (RJ45)
- Easy set-up by web browser. Program slave clock lines, switch actions and system settings from a **PC**, a **tablet** or a **smartphone**
- Ethernet IEEE 802.3 10/100BASE-T: HTTP, NTP, (S)NTP, DHCP, SYSLOG, SNMP

Additional performance data

- Radio control by DCF77 (option)
- Radio control by GNSS/GPS-GLONASS-GALILEO (option)
- NTP/Network Time Protocol input terminal (RJ45) for synchronisation by LAN (option)
- Alphanumeric LCD display for user-friendly dialog-type navigation, time-and-date readout and alarm indications
- PIN-coded keyboard lock
- A temperature compensated crystal oscillator (TCXO) ensures a deviation of less than 0.1 seconds/day during autonomous operation
- USB 2.0 Type A port for software updates by USB stick.

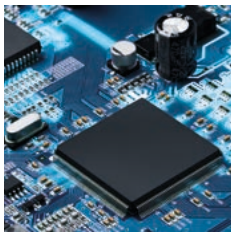


Technical data		
Case	width	42 TU (213.0 mm)
	height	3 HU (128.0 mm)
	depth	cir. 230.0 mm
	material	metal
	weight	cir. 2.7 kg (incl. power outage batteries)
Milieu	VDE classification	I
	protection grade (EN 60 529)	IP 10
	surrounding temperature	0 °C up to 40 °C
Electrical values	mains voltage	220..230 V AC/50 ... 60 Hz
	power consumption	1.5 ... 38 VA
	line voltage/pulse mode	12 V or 24 V
Total power output	24 V minute pulse	1000 mA max. (for up to160 slave clocks at 6 mA)
	24 V second pulse	500 mA max. (for up to 80 slave clocks at 6 mA)
	DCFport24 telegram 24 V	600 mA max. (for up to 50 slave clocks at12 mA)
	DCFport24+ minute pulse 24 V	600 mA max. (for up to 50 slave clocks at12 mA)
Network	topology	Ethernet IEEE 802.3
	bit rate	10/100BASE-T
	connector	RJ45
	network configuration	DHCP/manually

Type	Number of slave clock lines	Number of signalling contacts	Power outage reserve	Item No.	€ each
Master Clock	2	none	yes	11.**921**.120	**1,390.–**
Signalling Master Clock	2	2	yes	11.**921**.122	**1,630.–**
Signalling Master Clock	4	4	yes	11.**921**.144	**2,100.–**

Extras	Item No.	€ each
19" rack element, 84 WU, 3 HU	01.**921**.084	**220.–**
Blanking plate, 42 TU, 3 HU	01.**921**.142	**29.–**

Options	Suffix	Surcharge € each
Input for GPS radio control, incl. GPS aerial (IP 65/EN 60 529)	**-95**	**695.–**
NTP client for system time synchronisation via LAN	**-98**	**179.–**
NTP server for synchronising NTP clients via LAN incl. NTP client for system time synchronisation via LAN	**-99**	**349.–**



Master Clocks/ Signalling Master Clocks and extras

Type series **921**

Type series **925**

DCF77 Receiving Aerial for all type series 921 Master Clocks

03.**925**.111 shown

The DCF77 time signal telegram, as transmitted by the German time signal transmitter at Mainflingen near Frankfurt/Main, is a superior time standard for synchronization and automatic change from summer to winter time of radio controlled stand-alone clocks and master/slave clock systems. This PEWETA DCF77 aerial provides time-and-date information to all PEWETA Master Clocks and Signalling Master Clocks.

- Weatherproof plastic case (IP 68), for indoor/outdoor mounting, dimensions (W x H x D) cir. 100 x 65 x 37 mm
- Stainless steel mounting bracket
- 5 m connecting wire (LIYCY 4 x 0,25 mm²) included in delivery shipment, may be extended to a maximum length of 100 m.

Type	Item No.	€ each
External DCF77 receiving aerial (IP 68), for PEWETA Master Clocks	03.**925**.111	**174.–**

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Booster Amplifier

Wall or top hat bar mounting, or 19" rack mounting

Booster amplifier

Type series **930**

When a Master Clock reaches its limits of total power output, pulse boosting amplifiers are needed for further extension of the master/slave clock system.

The short-circuit-proof slave clock line output terminals can be freely configured as

- alternating polarity minute pulse
- alternating polarity second pulse
- *DCFport24* pulse telegram.

Electronic buffer memory and automatic updating circuitry cover power outages and ensure return to correct time if power returns within 24 hours.

Item No. 10.930.124

1 slave clock line input/output terminal 12/24 V, total output power 1.5 A at either 12 V or 24 V, capable of controlling up to

- 250 conventional slave clocks (at 6 mA/24 V)
  or
- 125 *DCFport24* pulse telegram slave clocks (á 12 mA/24 V).

Plastic case (IP 20/EN 60529) for wall mounting or mounting on a 35 mm top hat bar. Operating voltage 230 VAC/50 ... 60 Hz, (external power supply for mounting on a 35 mm top hat bar, included in delivery shipment).

Item No. 11.930.224

2 slave clock lines input/output terminals 12 V or 24 V, total output power 3 A (1.5 A per line), capable of controlling up to

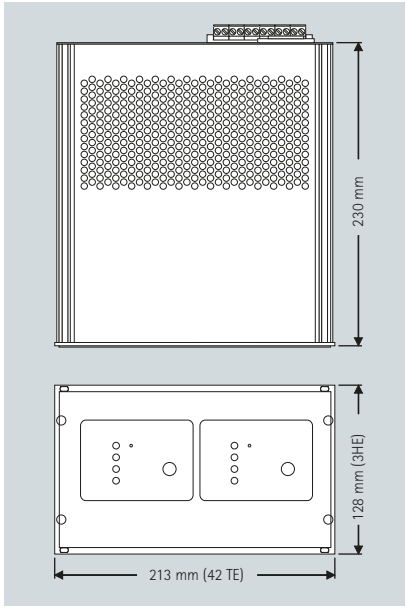
- 500 (max. 250 per line) conventional slave clocks (at 6 mA/24 V)
  or
- 250 (max. 125 per line) *DCFport24* pulse telegram slave clocks (at 12 mA/24 V).

Metal case (IP 10/EN 60529) for mounting in 19" sub-rack, dimensions (W x H x D) 213 mm (42 WU) x 128 mm (3 HU) x 230 mm. Operating voltage 230 VAC/50 ... 60 Hz.

11.**930**.224 shown

Technical data	10.**930**.124	11.**930**.224
Case	plastic case for wall mounting or mounting on top hat bar	metal case 3 HU / 42 WU for mounting in sub-rack
Dimensions	cir. 100 x 75 x 125 mm	cir. 213 x 128 x 230 mm
Operating voltage	230 VAC/50 ... 60 Hz	230 VAC/50 ... 60 Hz
Pulse/line output voltage	24 V	24 V
Pulse power	1 x 1500 mA	2 x 1500 mA
minute pulse	for up to 250 slave clocks at 6 mA	for up to 500 slave clocks at 6 mA
second pulse	for up to 250 slave clocks at 6 mA	for up to 500 slave clocks at 6 mA
DCFport24 pulse telegram	for up to 125 slave clocks at 12 mA	for up to 250 slave clocks at 12 mA

Type	Item No.	€ each
Booster amplifier for wall mounting or mounting on top hat bar, 1 line output, 24 V/1.5 A	10.**930**.124	**789.–**
Booster amplifier in modular cassette for mounting in 19" sub-rack, 2 line outputs, 24 V/2 x 1.5 A	11.**930**.224	**1,690.–**



10.**930**.124 shown

▲ Booster amplifier for wall mounting or mounting on top hat bar

◀ Booster amplifier in 3 HU / 42 WU metal case for mounting in sub-rack

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

PEWETA *AirPort24* Transmitter and Repeater

Time distribution by RF transmission (868 ... 869 MHz)

As an alternative to wire-bound clock systems or to individual clocks with DCF77 aerials, the PEWETA *AirPort24* radio telegram technology permits the distribution of a time signal by radio inside or outside of buildings.

The PEWETA *AirPort24* transmitter receives the time and date telegram either by wire from a PEWETA type series 921 Master Clock (see pages 130 ... 133) or as an NTP client by LAN and transmits the complete time/date information by radio (in the 868..869 MHz UHF-band) with a range of about 250 m inside buildings (up to cir. 1,000 m outdoors).
All PEWETA *AirPort24* radio telegram slave clocks within this range will automatically self-adjust to the current time and date indication.

Using PEWETA *AirPort24* repeaters extends the range by a further 250 m per repeater.

PEWETA *AirPort24* transmitter

Transmitter with integrated aerial for distributing the PEWETA *AirPort24* time/date telegram to all radio telegram slave clocks within a radius of cir. 250 m inside buildings (up to cir. 1,000 m outdoors).
Choice of **input signal**:

- **PEWETA *DCFport24* telegram**
  for synchronization by a PEWETA type series 921 Master Clock
- **NTP**
  for synchronization by LAN (NTP client).

PEWETA *Airport24* repeater

Receives the PEWETA *AirPort24* time/date telegram from the PEWETA *AirPort24* transmitter and transmits the PEWETA *AirPort24* time/date telegram to radio telegram slave clocks within a radius of cir. 250 m inside buildings (up to cir. 1,000 m outdoors).

10.**940**.100 shown

Technical data for transmitter and repeater		
Frequency range		868 ... 869 MHz
Output power		adjustable in steps, up to 500 mW
Operating voltage		230 V AC/50 ... 60 Hz (mains adapter included)
Case	material	plastic, light grey
	dimensions	cir. 199 x 178 x 57 mm
	protection grade	IP 54 (EN 60529)

PEWETA *AirPort24* transmitter	**Item No.**	**€ each**
Input: PEWETA *DCFport24* pulse telegram	10.**940**.100	**925.–**
Input: NTP synchronization by LAN (NTP client)	10.**940**.200	**1,100.–**

PEWETA *AirPort24* repeater	**Item No.**	**€ each**
Input: PEWETA *AirPort24* radio telegram	10.**941**.100	**1,040.–**

Characteristics

- Transmission of the complete time/date telegram
- Reliable transmission of time/date telegram within a range of 250 m inside buildings, more than 1,000 m outdoors
- Unlimited number of *AirPort24* telegram slave clocks within this range
- Cost-effective and simple wireless installation
- Capable of unlimited expansion by using repeaters
- Location of clocks at random, indoors or outdoors within transmission range
- Also suitable to expand existing, wire supported slave clock networks.

10.**941**.100 shown

***AirPort24* transmitter and repeater**

Type series **940**

Type series **941**

Any questions about technical details?

We will be happy to help with hints to planned projects and examples of specific applications.
Don't hesitate to contact us.
We look forward to your call or your e-mail.

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added.
Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Slave Clock Control Unit

minute pulse 24 V output

Slave clock control unit

Type series
950

This slave clock control unit, governed by DCF77, is capable of controlling up to four indoor/outdoor slave clock movements (at 6 mA/24 V each). Specifically suited to operate in- or outdoor clocks (e. g. with advertising) and all other single, double, or 4-faced slave clocks.

By means of a DCF77 aerial the control unit receives the exact time including the trigger signal for the automatic change-over between summer and winter time. In case of impaired reception due to local conditions pulse transmission to the slave clocks connected will be kept up. After a power outage the slave clocks connected will automatically be adjusted to match the correct time. After installation the control unit operates completely autonomous and maintenance-free.

- Alternating polarity minute pulse, 24 V
- Total output power cir. 30 mA/24 V
- Maximum wire length between slave clock movement(s) and control unit cir. 15 m
- Output is tolerant of circuit shorting and overload
- Electronic buffer memory and update circuitry
- Fully automatic read-in of current time upon installation or after power outage, automatic change-over between summer and winter time
- Operating voltage 230 V AC/50 … 60 Hz, power consumption cir. 2 VA
- Weatherproof (IP 65/EN 60 529) plastic case for wall mounting indoors/outdoors or mounting on a 35 mm top hat bar. Dimensions (W x H x D) cir. 120 x 80 x 55 mm
- External DCF77 receiving aerial (IP 68/EN 60 529) with stainless steel mounting bracket included. Connecting wire (LIYCY 4 x 0,25 mm²), 5 m included in delivery shipment, may be extended to a maximum length of 50 m.

10.**950**.100 shown

Type	Item No.	€ each
Slave clock control unit for wall mounting	10.**950**.100	**469.–**
Slave clock control unit for mounting on top hat bar	10.**950**.101	**479.–**

Options	Suffix	Surcharge € each
DCFport24 input for reading the *DCFport24* telegram from a type series 921 Master Clock	**-93**	**none**
AirPort24 input for reading the time information from the *AirPort24* radio telegram provided by a type series 940 *AirPort24* transmitter	**-94**	**159.–**
Input for GPS radio control, incl. GPS aerial (IP 65/EN 60 529)	**-95**	**695.–**
NTP input for system time synchronisation via LAN	**-98**	**298.–**

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

NTP Time Server

Network time distribution

The PEWETA NTP Time Server supplies the current time and date signal, received from the German DCF77 time protocol radio transmitter or from GPS satellite, to an IT network.

This enables all "clients" within the network, like for instance PCs, servers, smart phones, telephone systems, printers, and even clocks, to synchronize with this time base. A temperature controlled crystal oscillator (TXCO) ensures accurate timekeeping even in cases of a missing DCF77 or GPS radio signal. Maximum deviation during autonomous operation is +/- 16 seconds per year (standard version). Optionally, the NTP Time Server can be equipped with a crystal oven (OCXO), which reduces the maximum deviation during autonomous operation down to +/- 1.6 (!) seconds per year.

For security of operation, two time servers can be used to safeguard availability on the network (system redundancy). A web-based user interface provides for simple configuration of status messages, network settings, and safety adjustments. The support for a multitude of interfaces and formats offers maximum compatibility to common networks. The server, operating under a LINUX-based operating system, ensures maintenance-free long-term usage and can be updated if necessary. On the NTP Time Server PRO version, various common ASCII time codes can be selected for output through one of the 2 serial RS232 interfaces. Individual codes can be supplied on request.

If at least three NTP Time Servers are clustered (system redundancy) they act with a shared IP address on the network. If one of the NTP Time Servers provides a deviating time signal, this device will be deactivated and its function will be taken over by the other NTP Time Servers. Clustering functionality is included in each PEWETA NTP Time Server version as standard.

11.**960**.121

11.**960**.120 shown

Technical data	NTP Time Server PRO	NTP Time Server BASIC
Case	19" rack mount	table housing
Dimensions	1HU/84DU, WxHxD: 443x45x288 mm	WxHxD: cir. 335x45x240 mm
Network interface	2xRJ45 10/100 MBit	1xRJ45 10/100 MBit
Serial interface	2xRS232 (menu-guided setup)	–
10MHz interface	BNC socket, TTL at 50 Ohm	–
Alarm relay	1x free-floating	–
Status messages	via E-Mail, WinMail, SNMP, Display	
Netwerk protocols	TCP, UDP, TELNET, FTP, SSH (inkl. SFTP, SCP), HTTP, HTTPS, SYSLOG, IP v4, IP v6, DHCP, DHCP v6	
NTP protocols	NTP v2 (RFC 1119), NTP v3 (RFC 1305), NTP v4 (RFC 5905)	
NTP broadcast modes	Unicast, Manycast, Multicast, Broadcast	
SNMP	SNMPv1 (RFC 1157), SNMPv2c (RFC 1901–1908), SNMP v3 (RFC 3411–3418)	
Display	LC display, 2x40 characters, illuminated	
Power supply	100...240 V AC (50...60 Hz)	
	24 V DC (on request)	–
Power consumption (without options)	30 watts	20 watts

Type	Item No.	€ each
NTP Time Server PRO, including DCF77 radio receiver	11.**960**.120	**4,890.–**
NTP Time Server PRO, including GPS radio receiver	11.**960**.130	**6,890.–**
NTP Time Server BASIC, including DCF77 radio receiver	11.**960**.121	**3,690.–**
NTP Time Server BASIC, including GPS radio receiver	11.**960**.131	**4,390.–**

Extra	Item No.	€ each
19" mounting kit for NTP Time Server BASIC (resulting dimensions are 1 HU/84 WU)	01.**960**.100	**79.–**

Options for NTP Time Server PRO	Suffix	Surcharge € each
Quartz oscillator OCXO, accuracy level +/- 1.6 seconds/year	**-61**	**425.–**
2 additional RJ45 10/100BASE-T ports	**-62**	**590.–**

NTP Time Server

Type series **960**

All prices are subject to change without notice, packing and shipping cost (see page 139) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2026. If you have any questions or require additional information, please contact us, we will gladly give advice.

Transmission Pattern of “Legal” Time

by the DCF77 low frequency radio transmitter

Transmission pattern of “legal” time

Duration of summer time

The DCF77 time signal transmitted from Mainflingen near Frankfurt/ Main is derived from nuclear decay timing devices operated and controlled by the Federal Establishment for Physics and Technology (PTB) at Braunschweig. Range of this radio signal is approximately 1,500 km. Beyond this range we recommend radio control by GPS (Global Positioning System).

Duration of Summer Time*

Beginning and End of summer time have been set for the following days – 01,00 world time:

	Start	End
2026	Sunday, March 29th	Sunday, October 25th
2027	Sunday, March 28th	Sunday, October 31st
2028	Sunday, March 26th	Sunday, October 29th

*for European Union countries

All information is without legal obligation · Subject to change without notice · Status as of January 1st, 2026.

The General Terms and Conditions of Sale
of PEWETA KG (GmbH+Co.), Hamburg

1. General
The following terms and conditions alone shall apply to all contracts for sale and contracts for work and materials concluded with us and to any offers made by us, if and to the extent that nothing to the contrary is agreed in writing. The general terms and conditions of the purchaser shall not apply, even if we do not expressly repudiate them.

2. Offers, product documentation and the acceptance of orders
Until such time as an order is confirmed in writing, any offers made by us shall remain non-binding on us. Only our written confirmation of the order shall stipulate the scope of the delivery or performance to be given. Any technical specifications and descriptions which are set out in offers or brochures or any other printed material and on the internet shall only be binding if they are designated as binding in the confirmation of the order.

We reserve the right to make any changes as the result of technical progress, as well as any optical changes, to the extent that such changes are not detrimental to the client and are reasonable.

Orders submitted by the purchaser shall only be deemed to have been accepted when they have been confirmed by us in writing, either by fax or by e-mail, by dispatch of the goods or by the issue of an invoice. Cancellations of and changes to orders shall only be valid after our written confirmation thereof has been received.

3. Prices and conditions of payment
To the extent that nothing is expressly agreed to the contrary, our ex works prices (EXW Incoterms 2020) from Hamburg shall apply, plus a fixed sum in respect of packaging and transport and value-added tax at the statutory rate. No shipping insurance cover is included in our prices.

The purchaser may only set off any counterclaims which it may have if such counterclaims are not disputed or if they have the force of *res judicata*. The same shall apply to the enforcement of any rights of retention.

4. Delivery periods and delivery conditions
Delivery periods shall be deemed to have been complied with if, by the date of the expiry of such delivery periods, the subject-matter of the delivery has been readied for dispatch ex works, or, should the dispatch of the goods be delayed for reasons which are attributable to the purchaser, if the goods' readiness for dispatch has been notified within the agreed delivery period.

Partial deliveries in accordance with an agreed delivery schedule and agreed volumes shall be permitted and may be invoiced separately.

Sale and delivery of the goods shall be subject to correct and punctual supply to ourselves.

5. Transfer of risk, damage during shipping and theft
Risk shall be transferred to the purchaser when the goods leave our warehouse or, if the purchaser has to pick up the goods himself and the due date has passed, whenever the goods' readiness for dispatch has been notified to the purchaser. The goods shall therefore in all circumstances be shipped at the risk of the purchaser. We shall not be liable for theft or for any damage which occurs during shipment.

6. The return of goods
Any return of goods which is not based on our statutory obligations shall be subject to our prior written consent and shall be in accordance with the following provisions: custom-made goods and goods which are not stocked by us as a matter of course may not be returned. Goods shall be taken back at their net invoice price excluding any ancillary costs (e.g. packaging or transport costs) minus a fee of 25% in respect of the inspection and processing of the goods which are taken back and any other costs associated with such return, subject to the condition that the goods are sent back to us shipping paid, in their original packaging and with their original value. The approval of any returned goods shall be a matter for us alone. Should any costs be incurred in connection with returning the goods to their original condition, the purchaser shall bear such costs.

7. Liability for defects
Any claims pursuant to visible defects shall only be permissible if they are notified to us in writing immediately and at the latest within a period of eight calendar days from the date on which the goods are received. Hidden defects must also be notified to us immediately and at the latest within a period of eight calendar days from the date of their discovery. In the event of a substantiated claim which is notified within the periods set out above, we may at our discretion and within a reasonable period repair the goods or deliver replacements free of charge. Apart from that the provisions of the law shall apply.

Claims in respect of defects in accordance with section 437 of the *Bürgerliches Gesetzbuch* [German Civil Code] shall be time-barred twelve months from the date of delivery. This provision shall not apply to claims for damages and in respect of the reimbursement of any expenses incurred. The statutory periods shall apply to such claims.

8. General liability
Claims for compensation of any nature which may be brought against us and our legal representatives and agents shall be excluded, in the absence of any intent or gross negligence or the breach of a material contractual obligation on our part.

In accordance with this provision, the breach of a material contractual obligation shall mean any obligation of which the observance makes the proper execution of the contract possible and on the observance of which the purchaser therefore may duly rely.

Liability for the gross negligence of our employees, to the extent that such employees are not management personnel, shall however be limited to compensation for typically foreseeable damage. This limitation of liability shall not apply to any breach of a material contractual obligation within the meaning of the previous paragraph.

The limitations and exclusions of liability set out above shall not apply to any liability pursuant to the *Produkthaftungsgesetz* [German Law on Product Liability] or to any domestic laws which implement the Product Liability Regulation or in the event of the death of, or physical injury to a person, or prejudice done to the health of a person.

9. Retention of title
We shall retain title to the delivered goods until payment is made to us in full of all outstanding amounts due pursuant to the commercial relationship.

It shall only be permissible to sell on the delivered goods in the normal course of business subject to a retention of title, and only if the right to receive payment pursuant to the on-sale is assigned to us. The purchaser shall be prohibited from pledging the goods or transferring them by way of security and shall also be prohibited from concluding any agreement in relation to an assignment. The purchaser must inform us immediately of any pledge or any other impairment of our rights by third parties. The purchaser hereby assigns to us in advance any rights which may accrue to it pursuant to the on-sale of our goods. We hereby accept such assignment. Should the value of the security given to us exceed the sums due to us by more than 10%, we undertake at our discretion and at the request of the purchaser to release the corresponding security.

10. Place of performance, place of jurisdiction and applicable law
The exclusive place of performance shall be Hamburg. The exclusive place of jurisdiction for all disputes with commercial parties or with persons who are not generally subject to the jurisdiction of a domestic German Court shall be Hamburg. At our discretion we may instigate proceedings against the purchaser before the Court which has jurisdiction over the location of its registered office or before the Arbitral Tribunal of the German Institution for Arbitration (DIS). In the event of arbitration proceedings, the location of the arbitration shall be Hamburg.

German law shall apply. The United Nations Convention on Contracts for the International Sale of Goods shall not apply. The Incoterms 2020 shall apply, as amended.

Prices	Packing, Freight, Insurance
All prices indicated in EURO (€), based on delivery ex works Hamburg (EXW, according to INCOTERMS 2020) and are on a recommendation basis without obligation only. Cost for packing, freight and insurance to be added to prices. Taxes and duties to be paid by buyer.	Cost for packing, freight and insurance to be agreed.

Changes
All details on scope of delivery, state-of-the-art, measurements and weight conform to our knowledge at the time of publishing. Prices and specifications are subject to change without notice.

All rights reserved.

This catalogue is effective from January 1st, 2026 on.

All previous prices become ineffective at that date.

Notice
This catalogue is merely the translation of the original German edition. Technical prerequisites, e.g. receiving conditions for radio controlled systems, electrical voltages etc. have to be determined locally and must be made available to us in written form by customer before the order is placed. Feasibility can be confirmed in written form by us only. Otherwise we will supply as stated in this catalogue.

The general terms and conditions of sale

Prices, freight and handling

PEWETA KG (GmbH+Co.)
Holsteinischer Kamp 64
22081 Hamburg, Germany
time@peweta.de
www.peweta.com
Tel. +49-40-20 98 97 0

©2026 PEWETA KG (GmbH+Co.), Hamburg. All rights reserved.
Our offerings are aimed at industry, commerce, crafts, small trade, and other self-employed entrepreneurs. VAT added to all prices for deliveries within Germany.

The entire content of this publication (text, images, logos etc.) is the property of PEWETA KG. Without written permission from PEWETA KG, it is prohibited to utilise, duplicate, reprint, or store this publication or parts of it in databases or to extract or transfer this publication or parts of it in whichever form, digital and/or analogue, neither in its original form nor edited nor modified for whatever reason(s).
The entire content is without obligation and subject to change without prior notice. Upon publication of this catalogue all previous catalogues become obsolete.