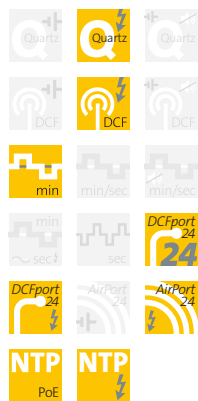# LED Digital Calendar Clocks
for banks, reception areas, and other places of high publicity

Indoor
digital
single- and
double-sided

Type series
516

Quartz | Quartz | Quartz

DCF | DCF | DCF

min | min/sec | min/sec

min sec | sec | DCFport24

DCFport24 | AirPort24 | AirPort24

NTP PoE | NTP

81.**516**.551 shown

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

71.**516**.553 shown

81.**516**.551 −**74** −**89** shown

Case
■ cir. 440 × 300 × 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 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.
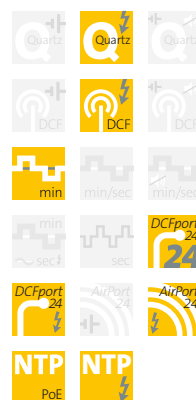
Double-sided LED digital clocks
Double-sided clocks come completely wired and assembled.

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	42.**516**.552	3,300.–
	ceiling	42.**516**.553	3,300.–
DCF77 radio controlled clock, operating voltage 230 VAC [1]	wall	52.**516**.552	3,540.–
	ceiling	52.**516**.553	3,540.–
Slave clock, minute pulse 24 V, operating voltage 230 VAC	wall	71.**516**.552	3,480.–
	ceiling	71.**516**.553	3,480.–
Telegram slave clock, *DCFport24*, operating voltage DCFport24 [2]	wall	81.**516**.552	3,480.–
	ceiling	81.**516**.553	3,480.–
Telegram slave clock, *DCFport24*, operating voltage 230 VAC	wall	83.**516**.552	3,480.–
	ceiling	83.**516**.553	3,480.–
RC telegram slave clock, *AirPort24*, operating voltage 230 VAC	wall	85.**516**.552	3,700.–
	ceiling	85.**516**.553	3,700.–
NTP system clock (NTP client), synchronisation by LAN, PoE [3], operating voltage 230 VAC	wall	91.**516**.552	3,600.–
	ceiling	91.**516**.553	3,600.–
NTP system clock (NTP client), synchronisation by LAN [4], operating voltage 230 VAC	wall	93.**516**.552	3,660.–
	ceiling	93.**516**.553	3,660.–

Accessories	Item No.	€ each
Mounting brackets for 1 single-sided clock, on wall, bracket length cir. 125 mm	01.**516**.502	378.–
Mounting brackets for 1 single-sided clock, on ceiling, bracket length cir. 130 mm	01.**516**.503	378.–
Metal covers for wall or ceiling mounting brackets	01.**515**.537	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
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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 178 on).

PEWETA AirPort24
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 183).

NTP
NTP system clocks require a PEWETA master clock (see from page 178 on) or an NTP time server (see page 185).

All prices are subject to change without notice, packing and shipping cost (see page 187) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2025. If you have any questions or require additional information, please contact us, we will gladly give advice.