

# 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

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.

Case enamelled dark gun metal (DB703) as an option

## 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.

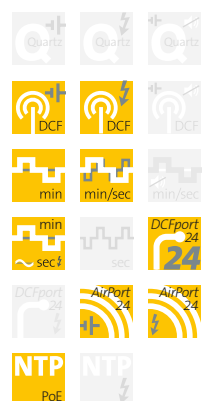
Red second hand on slave clocks with minute/second pulse (72.xxx) and on slave clocks with synchronous second hands (74.xxx) only.



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### 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).

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 <sup>1)</sup> 2)		51.350.	851.-	51.350.	973.-	51.350.	1,153.-
DCF77 radio controlled clock, mains operated 230 VAC <sup>2)</sup>		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 VAC/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 <sup>1)</sup>		84.350.	784.-	84.350.	908.-	84.350.	1,025.-
RC telegram slave clock, AirPort24, mains operated 230 VAC		85.350.	825.-	85.350.	949.-	85.350.	1,066.-
NTP system clock (NTP client), synchronisation by LAN, PoE <sup>3)</sup>		91.350.	840.-	91.350.	964.-	91.350.	1,081.-
<b>Face print</b>		▲		▲		▲	
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

<sup>1)</sup> Alkaline batteries are included in delivery shipment (medium lifespan: cir. 4 years).

<sup>2)</sup> A remotable DCF77 receiving aerial is included in delivery shipment.

<sup>3)</sup> NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.