PEWETA CLOCKS

LED Digital Clocks
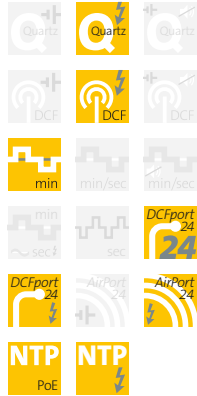## for control panels and consoles

Indoor
digital
panel-mounted

Type series
545

71.**545**.250 shown

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).

Case

For flush panel mounting, face plate stainless steel (1.4301 X5CrNi 18/10, German trade name V2A), matted finish, acrylic front glass.
W x H x D: cir. 257 x 64 x 77 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. Automatic brightness control. Configurable as time display or for count-up/count-down function (option). 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 (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). The 6-digit numeric display (option) will show hours, minutes and seconds, counting up from start or down from a preselected value. This mode is controlled by a wire-bound »Basic PRO« control unit (accessory). For technical data see page 135.

Technical data		
Case	stainless steel V2A	matted finish
	dimensions (width x height x depth)	cir. 257 x 64 x 77 mm
	panel cut-out (width x height)	cir. 228 x 56 mm
Display	cipher height (hh/mm/ss)	25 mm
	readability	cir. 5...7 m
Power consumption		cir. 9 VA

Clock type	Operating voltage	Item No.	€ each
Quartz clock	230 V AC	42.**545**.250	**950.–**
DCF77 radio controlled clock [1]	230 V AC	52.**545**.250	**1,140.–**
Slave clock, minute pulse 24 V	230 V AC	71.**545**.250	**1,040.–**
Telegram slave clock, *DCFport24*, 24 V [2]	DCFport24	81.**545**.250	**1,040.–**
Telegram slave clock, *DCFport24*, 12/24 V	230 V AC	83.**545**.250	**1,040.–**
RC telegram slave clock, *AirPort24*	230 V AC	85.**545**.250	**1,190.–**
NTP system clock (NTP client), synchronisation by LAN, PoE [3]	PoE	91.**545**.250	**1,160.–**
NTP system clock (NTP client), synchronisation by LAN [4]	230 V AC	93.**545**.250	**1,180.–**

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	**1,3290.–**

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.–**
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..

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.