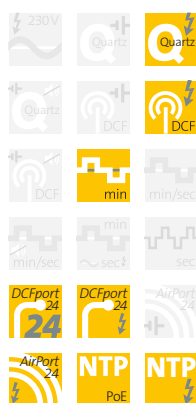# PEWETA CLOCKS

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 172 on).

PEWETA AirPort24
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 177).

NTP
NTP system clocks require a PEWETA master clock (see from page 172 on) or an NTP time server (see page 179).

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 133.

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*, with outage reserve	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*, with outage reserve	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	1,290.–

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 185) as well as VAT for deliveries within Germany added. Prices shown as of January 1st, 2024. If you have any questions or require additional information, please contact us, we will gladly give advice.