

LED Digital Clocks

as modules for mounting in 19" racks (2 modular height units)



71.542.550 shown

Case

19" face plate, 2 HU, aluminium, enamelled black, acrylic front glass. WxHxD: cir. 400x88x40 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 clocks²⁾.

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.



43.548.251

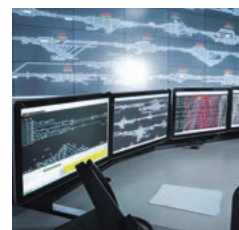
Single display	Operating voltage	Item No.	€ each
Quartz clock	12 VDC	43.542.550	1,100.–
DCF77 radio controlled clock ¹⁾	12 VDC	53.542.550	1,290.–
Slave clock, minute pulse 24 V	12 VDC	71.542.550	1,190.–
Telegram slave clock, DCFport24, 24 V ²⁾	DCFport24	81.542.550	1,190.–
Telegram slave clock, DCFport24, 12/24 V	12 VDC	83.542.550	1,190.–
RC telegram slave clock, AirPort24, with outage reserve	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	1,290.–

Options	Suffix	Surcharge € each
Stopwatch mode »count-up/count-down« (control unit is an accessory)	-71	169.–
Amber LEDs	-78	69.–
Green LEDs	-79	125.–
Blue LEDs	-80	125.–
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.



Indoor digital 19" rack

Type series

542



DCF77 radio controlled clocks

DCF77 radio controlled clocks of this type series will be supplied including a removable 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).

¹⁾ A removable 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.