

LED Digital Clocks for control panels and consoles



Indoor digital panel-mounted

DCF77 radio controlled

DCF77 radio controlled clocks

of this type series will be sup-

plied including a remotable

DCF77 aerial (IP 68). Thus, optimum reception quality

can be achieved reaardless

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 Mainflinaen (50 km

east of Frankfurt/M.).

PEWETA DCFport24

PEWETA DCFport24 slave

clocks require a PEWETA

master clock (see from

PFWFTA AirPort24

PEWETA AirPort24 slave clocks require an AirPort24 trans-

mitter or repeater respectively

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

page 172 on).

(see page 177).

clocks

545



71.545.250 shown

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 VAC/50...60 Hz (12 V DC/AC optional). 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 (countup/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 133.

Clock type		Operating voltage	Item No.	€ each
Power consumption				cir. 9 VA
	readability			cir. 57 m
Display	cipher height (hh/mm/ss)			25 mm
	panel cut-out (width x height)		cir. 2	28 x 56 mm
	dimensions (width x height x depth)		cir. 257 x	64x77 mm
Case	stainless steel V2A		ma	atted finish
Technical data				

Clock type	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, with outage reserve	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	1,290

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
Input for GPS radio control, incl. GPS aerial (IP 65/EN 60529)	-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.



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.