

LED Digital Calendar Clocks

for banks, reception areas, and other places of high publicity



Indoor digital single- and double-sided

Type series
516



81.516.551 shown

LED digital clocks, single- or double-sided with distinct, brightly lit LED bars guarantee optimal reading clearness.



71.516.553 shown



81.516.551 -74 shown

Case

- cir. 440x300x34 mm
Extra flat, very sturdy metal case, enamelled black (RAL 9005).
Protection grade IP 40 (EN 60529).

Mounting

- Single-sided version for on-wall mounting, optionally with additional, sturdy wall or ceiling mounting brackets (accessory)
- Double-sided version includes sturdy wall or ceiling mounting brackets.

LED digital display

3-line display, top line showing hours and minutes, cipher height 57 mm, (optional seconds: cipher height 57 mm or 38 mm), middle line showing day of the week spelled out (up to 10 characters, character height 30 mm), bottom line showing 8-digit numeric date, cipher height 45 mm. Bar-type 7-segment LED ciphers, resp. 16-segment LED characters, colour red. Automatic brightness control. Menu selection for hour offset and suppression of leading zero. Minimum 100 hours data retention in case of power loss. Operating voltage 230 VAC/50...60 Hz (12 VDC/AC optional). Under specific circumstances,

the bus voltage may suffice to operate PEWETA *DCFport24* version clocks²⁾.

Front glass

Flat acrylic glass.

Double-sided LED digital clocks

Double-sided clocks come completely wired and pre-assembled.

Technical data		
Case	colour	black (RAL 9005)
	dimensions (length x width x depth)	cir. 440 x 300 x 34 mm
Display	cipher height hours, minutes	cir. 57 mm
	cipher height date	cir. 45 mm
	cipher height day of week	cir. 30 mm
	cipher height seconds (option)	cir. 38 or 57 mm
	LED colour	red
	reading distance	cir. 18...20 m
Power consumption	display	max. 5 VA

Single-sided version (on-wall mounting)	Operating voltage	Item No.	€ each
Quartz clock	230 VAC	42.516.551	1,280.-
DCF77 radio controlled clock ¹⁾	230 VAC	52.516.551	1,405.-
Slave clock, minute pulse 24 V	230 VAC	71.516.551	1,359.-
Slave clock, DCFport24 pulse telegram 24 V ²⁾	DCFport24	81.516.551	1,359.-
Slave clock, DCFport24 pulse telegram 12/24 V	230 VAC	83.516.551	1,359.-
Slave clock, AirPort24 radio controlled telegram	230 VAC	85.516.551	1,409.-
Slave clock, NTP synchronisation by LAN (NTP client), PoE ³⁾	PoE	91.516.551	1,400.-
Slave clock, NTP synchronisation by LAN (NTP client) ⁴⁾	230 VAC	93.516.551	1,420.-

Double-sided version (incl. wall or ceiling mounting brackets)	Mounting	Item No.	€ each
Quartz clock, mains operated 230 VAC	wall	42.516.552	2,820.-
	ceiling	42.516.553	2,820.-
DCF77 radio controlled clock, mains operated 230 VAC ¹⁾	wall	52.516.552	3,045.-
	ceiling	52.516.553	3,045.-
Slave clock, minute pulse 24 V, mains operated 230 VAC	wall	71.516.552	2,978.-
	ceiling	71.516.553	2,978.-
Slave clock, DCFport24 pulse telegram 24 V ²⁾ , operating voltage DCFport24	wall	81.516.552	2,978.-
	ceiling	81.516.553	2,978.-
Slave clock, DCFport24 pulse telegram 12/24 V, mains operated 230 VAC	wall	83.516.552	2,978.-
	ceiling	83.516.553	2,978.-
Slave clock, AirPort24 radio controlled telegram, mains operated 230 VAC	wall	85.516.552	3,078.-
	ceiling	85.516.553	3,078.-
Slave clock, NTP synchronisation by LAN (NTP client), PoE ³⁾ , operating voltage PoE	wall	91.516.552	3,060.-
	ceiling	91.516.553	3,060.-
Slave clock, NTP synchronisation by LAN (NTP client) ⁴⁾ , mains operated 230 VAC	wall	93.516.552	3,100.-
	ceiling	93.516.553	3,100.-

Accessories	Item No.	€ each
Mounting brackets for 1 single-sided clock, on wall, bracket length cir. 125 mm	01.516.502	298.-
Mounting brackets for 1 single-sided clock, on ceiling, bracket length cir. 130 mm	01.516.503	298.-
Metal covers for wall or ceiling mounting brackets	01.515.537	196.-

Options	Suffix	Surcharge € each
Case custom enamelled	-10	on request
Operating voltage 12 VDC (instead of 230 VAC)	-70	none
Additional 2-digit seconds display, height 38 or 57 mm	-74	125.-
PEWETA digital RS 485 master (output)	-82	98.-
PEWETA digital RS 485 slave (input)	-83	98.-
IRIG.B/AFNOR NF S 87-500 (input)	-87	180.-
Alternating temperature display (external temperature sensor included)	-88	295.-
Input for GPS radio control, incl. GPS receiving aerial (IP 65/EN 60 529)	-95	695.-



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Type series

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DCF77 radio controlled clocks
DCF77 radio controlled clocks of this type series will be supplied including a remobile 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 184 on).

PEWETA AirPort24
PEWETA AirPort24 slave clocks require an AirPort24 transmitter or repeater respectively (see page 189).

NTP
NTP slave clocks require an NTP time server (see page 191).

¹⁾ A remobile 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 slave clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

⁴⁾ NTP slave clocks require a LAN connection. Appropriate hardware has to be supplied by customer.