

LED Digital Displays, outdoor

showing the time, alternating with date and temperature



Digital displays
single-sided
outdoor

Type series
810



Large, very sturdy digital displays with distinct, double-row LEDs, optimum readability, even at longer distances.

For sports applications, these LED digital displays can also be used as stopwatches. Besides basic count-up and count-down functions a complete training program with various cycles and breaks that starts automatically when triggered can be programmed using the infrared remote control, included in delivery shipment.



52.810.251 shown



Examples show time, date, temperature, and stopwatch modes

LED digital displays
for indoors

see pages
152 and 153.

Case

- cir. 830x320x90 mm (cipher height 160 mm)
 - cir. 1230x400x90 mm (cipher height 250 mm)
- very sturdy aluminium case, enamelled black.
Protection grade IP 54 (EN 60529).

Resistance to thrown balls

LED digital displays of this type series are resistant to thrown balls in accordance with German standards VDE 0710, part 13:1981-05 and DIN 18032, part 3 and thus are suitable for school yards and sporting facilities.

Mounting

On-wall mounting by means of 4 angular metal brackets (included in delivery shipment).

Front glass

Flat shock-resistant plastic glass.

LED digital display

7-segment display technology, colour red, automatic brightness control. 4-digit display with double-row LEDs showing hours and minutes, date, and temperature, either permanently or alternating, intervals adjustable.

Operating voltage 230 VAC/50..60 Hz.

Infrared remote control unit

All settings and the operation of the stopwatch mode are triggered by a wireless infrared remote control unit, included in delivery shipment.

Stopwatch mode

This LED digital display can also be used as a stopwatch in count-up, count-down, and training modes. The 4-digit LED display shows minute and second readings. Operation by the wireless infrared remote control unit included.

Functions possible:

- **count-up** with split times
- **count-down** with indication of initial value
- **training** with adjustable number and duration of cycles and breaks.

Further models

of this type series with different cipher heights and/or with a 6-digit display (hh:mm:ss) are available on request.

Technical data		Cipher height 160 mm	Cipher height 250 mm
Case	colour	black (RAL 9005)	black (RAL 9005)
	dimensions (WxHxD)	cir. 830x320x90 mm	cir. 1230x400x90 mm
	weight	cir. 10 kg	cir. 15 kg
LED display	cipher height hours/minutes	cir. 160 mm	cir. 250 mm
	cipher colour	red	red
	reading distance	cir. 60..70 m	cir. 90..100 m

Type	Cipher height	Operating voltage	160 mm Item No.	€ each	250 mm Item No.	€ each
Quartz clock	230 VAC		42.810.161	2,295.-	42.810.251	2,995.-
DCF77 radio controlled clock ¹⁾	230 VAC		52.810.161	2,595.-	52.810.251	3,295.-
Slave clock, DCFport24 pulse telegram 24 V	230 VAC		83.810.161	2,395.-	83.810.251	3,095.-
Slave clock, NTP synchronisation by LAN (NTP client) ²⁾	230 VAC		93.810.161	on request	93.810.251	on request

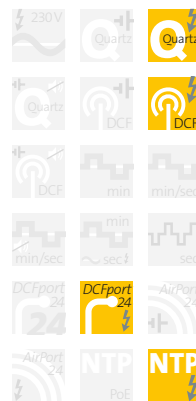
Option	Suffix	Surcharge € each
Case custom enamelled	-10	on request



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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 184 on).

NTP

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

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see pages 152 and 153.

¹⁾A removable DCF77 receiving aerial is included in delivery shipment.

²⁾NTP slave clocks require a LAN connection. Appropriate hardware has to be supplied by customer.