

# LED Ultimatum Display

for police, armed forces and crisis management



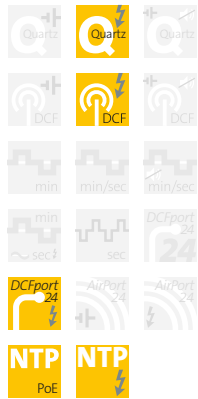
LED-Ultimatum display



52.538.171 -82 shown

Type series

**538**

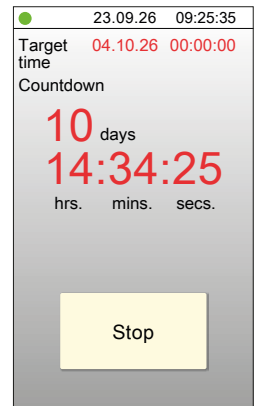


42.538.851 -83 shown

Display of an ultimatum in days, hours, minutes, and seconds. Separate display of current date and time. Simple operation by an external control unit. Data transmission either via RS485 or via network/LAN.



43.538.200



Countdown setup on the control unit

### Date/time display

Extra flat metal case for wall mounting, enamelled black, WxHxD: cir. 1040x250x43 mm. Single line display of date and time, high-grade LED bar display, cipher colour green.  
Date display: 4-digit display of day and month, cipher height 57 mm.  
Time display: 6-digit display of hours, minutes, and seconds, cipher height 100 mm. Synchronisation via DCF77, GPS, NTP, or DCFport24 telegram from a master clock possible.

### Ultimatum display

Extra flat metal case for wall mounting, enamelled black, WxHxD: cir. 1040x250x43 mm. Single line display of day(s) and time, high-grade LED bar display, cipher colour red.  
2-digit display of days, 6-digit display of hours, minutes, and seconds, cipher height 100 mm.

### Control unit

Wired control unit in a light grey table top plastic case, WxHxD: cir. 106x176x54 mm. LCD touch display to operate the ultimatum function or to set up a countdown.

### Function

The green date/time display always shows the current date and time.

If an incident occurs, one of the following inputs must be made on the control unit:

- Input of a target date and a target time (Example: An ultimatum will expire tomorrow at 18:00 h)

Upon input, the control unit will calculate the time remaining in days, hours, minutes, and seconds.

The time calculated will be displayed as a countdown on the control unit as well as on the ultimatum display.

- Input of an initial value (Example: The ultimatum will expire in 2 days and 4 hours)

Upon input of an initial value in days, hours, minutes, and seconds, the time entered will be displayed as a countdown on the control unit as well as on the ultimatum display.

### PEWETA data bus RS485 version

Date/time display, the ultimatum display, and the control unit are connected via the PEWETA RS485 data bus. The date/time display will receive the current time information from a separate input (DCF77, GPS, or DCFport24 telegram).

The control unit is connected to the date/time display and will receive the current

time information as well as its power supply from that connection.

Operating voltage of the ultimatum display and the date/time display is 230 VAC.

**The PEWETA RS485 data bus system requires the date/time display as a mandatory component!**

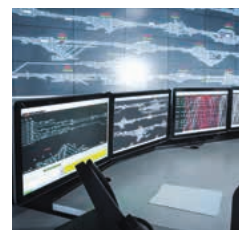
### Network (LAN) version

The date/time display, the ultimatum display, and the control unit will each be connected by a LAN access point including an individual IP Address.

The control unit will receive the current time information via NTP and its power supply via PoE. Addressing via web browser allows multiple ultimatum displays to be controlled by a single control unit.

The ultimatum display and the date/time display are either supplied with 230 VAC power or via PoE.

In the network system, the date/time display is active as a pure time display and is therefore not absolutely necessary. Any other PEWETA LED digital clock in its »NTP system clock« version may be included into the system for displaying the time, and time and date, respectively.



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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 178 on).

### NTP

NTP system clocks require a PEWETA master clock (see from page 178 on) or an NTP time server (see page 185).

PEWETA RS485 data bus version	Input	Operating voltage	Item No.	€ each
Date/time display, single line, green LEDs, 57/100 mm <sup>1)</sup>	DCF77	230 VAC	52.538.171 -82	3,350.-
Date/time display, single line, green LEDs, 57/100 mm	DCFport24	230 VAC	83.538.171 -82	3,290.-
Ultimatum display, single line, red LEDs, 100 mm	RS485	230 VAC	42.538.851 -83	3,490.-
Control unit with LCD touch display for PEWETA RS485 data bus version	RS485	RS485	43.538.200	1,250.-
Network (LAN) version	Input	Operating voltage	Item No.	€ each
Date/time display, single line, green LEDs, 57/100 mm <sup>3)</sup>	NTP/LAN	PoE <sup>2)</sup>	91.538.171	3,390.-
		230 VAC	93.538.171	3,390.-
Ultimatum display, single line, red LEDs, 100 mm <sup>3)</sup>	NTP/LAN	PoE <sup>2)</sup>	91.538.851	3,590.-
		230 VAC	93.538.851	3,590.-
Control unit with LCD touch display for network (LAN) version <sup>3)</sup>	NTP/LAN	PoE <sup>2)</sup>	91.538.200	1,390.-
Options		Suffix		€ each
Case custom enamelled		-10		on request
Input for GPS radio control, incl. GPS aerial (IP 65/EN 60 529)		-95		695.-

<sup>1)</sup> A removable DCF77 receiving aerial is included in delivery shipment.

<sup>2)</sup> NTP system clocks of "PoE" type require a PoE (Power over Ethernet) power supply. Appropriate hardware has to be supplied by customer.

<sup>3)</sup> NTP system clocks require a LAN connection. Appropriate hardware has to be supplied by customer.