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Eltako ELECTRONICS

Clock thermometer FUT55D with display

CE

! Note: Select English language !*

Wireless clock thermometer with display for individual fitting and mounting in 55x55 mm or 63x63 mm switch system. Only 0.8 watt standby loss. With adjustable day and night reference temperatures. Preset ready to operate.

The scope of supply includes a frame R, an intermediate frame ZR in the same colour and a mounting plate. In addition, an intermediate frame ZRF in the same colour is supplied for installation in an existing frame R1F, R2F or R3F for flat pushbuttons.

Power supply 230 V.

A 20 cm long black/blue connecting wire is routed to the rear.

Before screwing on, remove the frame and intermediate frame from the mounting plate. To do this, press out the catches on the mounting plate. Then screw on the mounting plate - with the catches at the top and bottom -, snap on the frame and the intermediate frame, and connect and snap on the clock thermostat.

We recommend sheet metal countersink screws 2.9x25 mm, DIN 7982 C, for screw connections on 55 mm switch boxes.

Up to 50 timer memory locations are freely assigned. With date and automatic summer/-winter time changeover. Ca. 14 days power reserve without battery.

The wireless clock thermostat sends a message to the Eltako wireless network every 50 seconds when there is an actual temperature change of minimum 0.3 °C. A change in reference temperature is sent immediately. If there is no change, a status report is sent every 10 minutes. Queries of a wireless small actuator FKS which are received approximately every 10 minutes will be answered immediately.

The timer is set using the MODE and SET buttons and the settings can be interlocked.

A complete switching programme is preset and can be very easily changed: day reference temperature 22°C Monday to Thursday from 6:00 to 22:00, Friday from 6:00 to 23:00, Saturday from 7:00 to 23:00 and Sunday from 7:00 to 22:00. The preset night reference temperature is 18°C.

*** Set language:** Every time the power supply is applied, press SET within 10 seconds to set the language and press MODE to confirm. D = German and GB = English. The **normal display** then appears: Weekday, time and actual temperature from 0 °C to +40 °C to one decimal point. Due to intrinsic heat, the correct actual temperature is only displayed 30 minutes after switching on the power supply. If the settings are locked, the reference temperature STP can be displayed and changed here from +8 °C to +40 °C in steps of 0.5 °C by pressing MODE followed by SET.

Rapid scroll: In the following settings, the numerals scroll rapidly when you press and hold down Enter. Release then press and hold down to change the scroll direction.

Set clock: Press MODE then at PRG (program) press SET to search for the **CLK function.** Press MODE to set. In H, press SET to select the hour and press MODE to confirm. In M proceed in the same way to set the minute.

Set date: Press MODE then at PRG press SET to search for the **DAT function.** Press MODE to select. At Y, press SET to select the year and press MODE to confirm. Proceed in the same way at M to set the month and at D to set the day. The last setting in the sequence is MO (weekday) blinking. Press SET to set it.

Summer/winter time changeover: Press MODE then at PRG press SET to search for the **SWT function** and press MODE to select. Now press SET to switch between ON and OFF. If you select ON, changeover is automatic.

Teaching-in FUT55D in actuators: The clock thermostat can be taught-in in heating relays F4H, heating/cooling relays FHK, ventilation relays F2L, ventilation relays F4L and small actuators FKS.
Press MODE then press SET at PRG to search for the LRN function. Select by pressing MODE. Then press SET to change between FUT, FTK+ and FTK. When you confirm FUT by pressing MODE, LRN+ blinks. Then press SET to teach in the FUT55D in a actuator that is ready for teach-in. If the FUT55D is to taught-in in a wireless small actuator FKS, press the Learn key on the small actuator. Then FUT blinks again.

Teaching-in sensors in FUT55D: Teaching-in window/door contacts FTK and Hoppe window handles can be carried out for the wireless small actuator FKS in this clock thermostat FUT55D, otherwise in the actuators mentioned above. When FTK+ is confirmed by pressing MODE, LRN+ blinks. Then a teach-in telegram will be triggered at the FTK with a magnet. An arrow appears at the top left of the display. After you press SET; you can teach in other FTKs. If a window/door contact FTK needs to be deleted, confirm FTK by pressing MODE. LRN+ blinks and an arrow appears at the top left of the display. Then a teach-in telegram will be triggered at the FTK with a magnet. The arrow disappears. After you press SET; you can delete other FTKs.

To quit teach-in mode press MODE for longer than 2 seconds. The normal display then appears.

If window/door contacts FTK or Hoppe window handles were taught-in, the setting is lowered to frost protection temperature 8°C as long as one or several windows are open.

Lock settings: Briefly press MODE and SET together and at LCK, press SET to lock. This is displayed by an arrow next to the lock symbol.

Unlock settings: Press MODE and SET together for 2 seconds and at UNL press SET to unlock.

Entering programmes: Press MODE and at PRG press MODE to select the memory location selection menu. Press SET to search one of 50 memory locations from P01 to P50. Press MODE to confirm.
To deactivate memory locations, press SET to switch over from ACT+ to ACT. Confirm ACT+ by pressing MODE. This allows you to press SET and then MODE to make the following inputs: NTP (night reference temperature for all programs), DTP (day reference temperature for all programs), FTP (reference temperature for each individual program), STP (reference temperature), hours H, minutes M and active working days from MON to SUN. Press SET in each case to change and press MODE to confirm. After confirming SU, the memory location is entered completely. If you press and hold down MODE during a confirmation for longer that 2 seconds, the changed values are saved and the normal display reappears. 20 seconds after the last MODE or SET operation, the program automatically reverts to the normal display. Unconfirmed changes then expire.

Program examples:

P01/DTP/6:00/MO+TU+WE+TH+FR+
P02/NTP/22:00/MO+TU+WE+TH+SU+
P03/DTP/7:00/SA+SU+
P04/NTP/23:00/FR+SA+

Clear all memory locations: press and hold down MODE and SET simultaneously for 2 seconds and press SET to confirm RES in the display.

Important note!

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock.

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