



Further settings can be made using the PC Tool PCT14 (see page 1-5).



Manuals and documents in further languages:  
<https://eltako.com/redirect/FSU14>

## FSU14



**Display timer with 8 channels for the ELTAKO RS485 bus. With 'astro' function. Only 0.1 watt standby loss.**

Modular device for DIN-EN 60715 TH35 rail mounting. 1 module = 18 mm wide, 58 mm deep.

**Connection to the ELTAKO RS485 bus. Bus cross wiring and power supply with jumper.**

**For the function of the timer FSU14 it is necessary that the wireless antenna module FAM14 assigns a device address, please see the operating instructions.**

The switching commands of the channels can be taught-in into bus actuators and wireless actuators.

Up to 60 timer memory locations are freely assigned to the channels. With date and automatic summer/winter time changeover. Ca. 20 days power reserve without battery.

Each memory location can either be used with astro function (automatic turn on after sunrise or sunset) or the time function. The astro switch-on and -off time can be shifted  $\pm 2$  hours and in addition, an influence of the solstices time lag of up to  $\pm 2$  hours can be entered.

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

**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, GB = English, F = French, IT = Italian and ES = Spanish. The normal display then appears: weekday, time, day and month.

**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 and search for the **function CLK** with SET and select with MODE. 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 and search for the **function DAT** with SET and select with MODE. 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. From production week 08/17 the emission every minute from a **timer telegram** (hour and minute) and the day of the week can be activated.

Wireless pushbuttons for central ON/OFF, automatic off and random mode on can be taught-in.

**Set position coordinates (if the astro function is required):** Press MODE and search for the **function POS** with SET and select with MODE. For LAT press SET to select the latitude and press MODE to confirm. Repeat this procedure for LON to select the longitude and press MODE to confirm. Select the time zone at GMT with SET and confirm with MODE. If desired, a time lag of up to  $\pm 2$  hours for all channels can now be entered at WS (winter solstice) and SS (summer solstice).

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

**Switch random mode on/off:** Press MODE and search for the **function RND** with SET and select with MODE. Press SET to set to ON (RND+) or OFF (RND) and press MODE to confirm. When random mode is switched on, all switch-on time points of all channels are shifted at random by up to 15 minutes. Switch-on times are switched earlier and switch-off times are switched later.

**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.

**Wired central control:** At the terminals T1/T2 and T3/T2 switches can be connected for central control.

**Set operating mode:** Press MODE, search the **function INT** with SET and select with MODE. Select the channel with SET at CH and confirm with MODE. You can switch between CIA (automatic with central control), AUT (automatic), ON (with priority) or OFF (with priority) with SET. If you confirm ON or OFF with MODE, the correspondent telegram will be sent immediately. If the switching state should automatically change if a time program will be active, the channel must be set to CIA or AUT again.

If MODE is pressed longer than 2 seconds, the normal display appears.

**Teach-in channels in wireless actuators:** Press MODE and search for the **function LRN** with SET and select with MODE. Select the channel at CH with SET and confirm with MODE. It can be switched between ON and OFF with SET. If ON is confirmed with MODE, LRN+ flashes and the function ON will be taught-in in the learning actuator with SET. Likewise it will be taught-in at OFF. See the operating instructions for more information.

**Enter switching programs:** press MODE and select one of the 60 memory locations from P01 to P60 with MODE and SET at the **function PRG**. See the operating instructions for more information. When **random mode** is switched on, all switching times of all channels are shifted incidentally by up to 15 minutes. Power-on times to previous and power-off times to future. For more information please see operating manual.

Connection example page 1-49.  
Housing for operating instructions  
GBA14 page 1-48.

FSU14	RS485 bus display timer	Art. No. 30014015	64,00 €/pc.
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