**Eltako ELECTRONICS**

Wireless sensor
Weather data display
FWA65D

$CE$

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

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

Wireless weather data display for single mounting 84x84x30mm or mounting into the E-design switching system. Power supply from 12V DC switch mode power supply unit. Only 0.2 watt standby loss.
Power supply 12V DC. A 20cm long red/black connecting wire is routed to the rear.
The complete module can be removed from the frame for screw mounting.
We recommend stainless-steel countersunk screws 2.9x25mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25mm and with 55mm switch boxes. Set of 2 stainless-steel countersunk screws 2,9x25mm and plugs 5x25mm are enclosed.

**Set language:** Each time the power supply is applied, press SET within 10 seconds to select the language deutsch, english, français, español or italiano. Then press MODE to confirm.
**Actuate the slide switch to toggle between various displays.**
When the **slide switch is on the left,** the data of a FWS61-24V DC is displayed.
View 1: wind speed m/s, temperature °C and rain yes/no.
View 2: twilight and brightness klux for east, south and west. Press SET to toggle between the two views.
When the **slide switch is in the middle,** data from the outdoor sensors are displayed.

Up to 9 humidity temperature sensors FAFT60 and up to 9 brightness sensors FAH60, FAH65S and FABH65S can be taught-in and their values displayed: humidity %, temperature °C and brightness in lux or klux. Press SET to browse through the sensors.
When the **slide switch is on the right,** data from the indoor sensors are displayed.
Up to 9 humidity temperature sensors FIFT65S, up to 9 temperature sensors FTR65HS, FTR65DS and FTF65S and up to 9 brightness sensors FIH65S can be taught-in and their values displayed: humidity %, temperature °C and brightness in lux or klux. Press SET to browse through the sensors.
The display of the last sensor selected by pressing SET is the normal view in each slide switch position. 20 seconds after operating MODE/SET, the view reverts automatically to normal view.
When the sensors are taught-in according to the operating instructions, you can issue the sensors with names up to 10 characters long. You can also enter or change the names later at any time. Press MODE for at least 2 seconds to change to editing mode for the currently displayed sensor.
If a power failure occurs, the message *no data* until reception of new wireless telegrams appears in the display after power is restored.

**Teach-in sensors:**
Use the slide switch to select the display to teach-in a sensor.
Press MODE and then press MODE again to select the *learn* function. The message *wait for telegram* appears in the display. A sensor must then send a teach-in telegram. When the telegram is received, the message *get telegram* and the sensor name, e.g. FTR 1, appears in the display. When you press MODE to confirm, the message *edit name* appears in the display. Change the name, e.g. to kitchen. Press SET to change the name and press MODE to confirm. Press and hold down SET to scroll through letters and numerals fast. Release SET and then press and

hold down SET again to change the direction.
The input field has 10 digits and contains uppercase and lowercase letters, numerals and special characters. When your input is complete or when you press and hold down MODE for 3 seconds, the sensor and its name are saved and the display reverts to normal view. The message *no data* appears in the display as long as the taught-in sensor sends no data.
Press MODE briefly to end the message *wait for telegram.*
A sensor ID cannot be taught-in several times in the FWA65D.

**Change a sensor name at a later date:**
Press SET to search for the sensor you require. Press and hold down MODE for 3 seconds to change to Edit mode. Change the sensor name as described in 'Teach-in sensors'.

**Clear sensors:**
Use the slide switch to select the display to clear a sensor.
Press MODE then press SET to search for the *clear* function. Select by pressing MODE.
Press MODE to select between *one ID* and *all IDs.* Then press MODE to confirm.
- When you press MODE to confirm **one ID,** press SET to select the sensor you want to clear. Press MODE to confirm. The message *press SET to erase* appears in the display. When you press SET to start, the message *erasing finished* appears in the display after the clear operation. Press MODE to confirm. When you press MODE to confirm *press SET to erase,* the message *erasing cancelled* appears in the display. The normal view appears after 2s.
- When you press MODE to confirm **all IDs,** the message *press SET to erase* appears in the display. When you press SET to start, the message *erasing finished* appears in the display after the clear operation. Press MODE to confirm. When you press MODE to confirm

*press SET to erase,* the message *erasing cancelled* appears in the display. The normal view appears after 2s.

**ELTAKO GmbH hereby declares that the products that relates to this operating manual, are in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.**
**A copy of the EU declaration of conformity can be requested at the address below.**

**Must be kept for later use!**

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