



30 000 041 - 2



Wireless outdoor siren

FAS260SA

Temperature at mounting location:

-20°C up to +50°C.

Storage temperature: -25°C up to +70°C.

Relative humidity:

annual average value <75%.

valid for devices from production week 50/19 (see bottom side of housing)**Wireless outdoor siren white, 260x200x70 mm, with solar cell and lithium-polymer battery. Protection class IP54. Smart Home actuator.**

The purpose of the siren is to generate acoustic and visual alarm signals. The user can choose from 4 different alarm modulations by means of jumpers. The minimum volume is 85 dB.

Visual signals are always generated by LEDs flashing under the red cover.

The siren is controlled by the control unit Safe or the wireless alarm controllers FAC55D and FAC65D.

Sensors that trigger alarms are taught in at the control units or controllers. Sensor devices include motion sensors, door/window contacts, water and smoke detectors, temperature sensors and wireless transmitter modules.

The user defines which sensors trigger an alarm and in which combination.

This is supported by a cyclical wireless contact between the siren and the central control unit.

The wireless module in the siren sends a query every 3 seconds to the central unit requesting whether an alarm is present or not.

If this communication is interrupted during the alarm readiness, for example if the central unit is not powered, the following may take place depending on the position of the jumpers in the siren:

- No reaction
- 2 short acoustic or visual signals at intervals of 10 seconds (as-delivered state)
- Short 1 second acoustic and visual alarm at intervals of 10 seconds
- Alarm triggered immediately

The maximum length of the alarm is adjustable to 1, 3 or 5 minutes by means of jumpers in the siren. The as-delivered state is adjusted to 1 minute.

Install the siren in a place that is sheltered from the rain and where there is enough sunlight to charge the solar cell on the top of the device.

A daily exposure to normal daylight for a few hours is sufficient to retain the charge in the internal battery. To protect against theft or manipulation, the mounting panel is fitted with a contact which immediately triggers the alarm if the siren is removed from its mount.

Installation and start-up:

1. Remove the mounting panel on the rear by pulling it downwards and screw it to the wall. To open the siren, remove 7 screws which are located on the rear.
2. Carefully remove the cover and the solar cell. Unplug the wire running from the solar cell to the main PCB to completely remove the cover.
3. After you have made all the settings and taught in the siren to the central unit, replug the wire to the solar cell and replace the cover.
Make sure that the peripheral seal is properly fitted.
4. Fit the cover to the rear with the 7 screws.

Select alarm length:

The *Delay* jumper on the main PCB permits selection of 3 times.

- Jumper on 1+2 = 1 minute (as-delivered state)
- Jumper on 1+3 = 3 minutes
- Jumper unplugged = 5 minutes

Select alarm modulation:

The *Voice* jumper on the main PCB permits selection of 4 modulations (tones).

- No jumper inserted (delivery status)
- Only jumper 1 inserted
- Only jumper 2 inserted
- Jumper 1+2 inserted

Teach in wireless outdoor siren to the central unit, e.g. FAC65D (pairing):

Switch on the slide switch on the rear of the siren (ON). A short signal is output and the red LEDs flicker briefly. Set the central unit to teach-in standby. For example, press MODE on FAC65D and select the **learn function**. The display shows *wait for telegram*. Then press SET for longer than 2 seconds. The display shows *wait for FAS260SA*.

- If you want to teach in the siren directly, briefly press the **LRN** pushbutton which is located on the internal wireless PCB of the siren. The green LED flickers briefly. When the telegram is received, the names of the sirens, e.g. *Siren1*, and *directly paired* appear in the display.
- If the sirens have to be taught in via a repeater, press SET for longer than 2 seconds. The display shows *rep. autom. wait for FAS260SA*. Then briefly press the **LRN** pushbutton located on the internal wireless PCB of the siren. The green LED lights up briefly. If the telegram is received via a repeater, the display shows *paired with the repeater*. However, if the telegram is received directly, the display shows *directly paired*.

Important: If the siren was taught in via a repeater, the function is only permitted with this repeater.

Communication display:

After teach-in is completed and in operation, a green LED on the internal wireless PCB indicates communication to the central unit by briefly flickering.

If communication is interrupted during alarm standby since the central unit or the repeater is not powered, for example, this can have the following effects (adjustable by jumper in the siren):

The jumper is located on the internal wireless PCB.

- Jumper on the two top 1st row pins = no reaction
- Jumper on the two 2nd row pins = 2 short acoustic or visual signals at intervals of 10 seconds (as-delivered state)
- Jumper on the two 3rd row pins = short 1 second acoustic and visual alarm at intervals of 10 seconds
- Jumper on the two bottom 4th row pins = triggers alarm immediately

Battery level display:

Depending on the ambient brightness, a red LED indicates the battery charge level of the solar cell by flashing or lighting up.

Test siren function:

Switch on the slide switch on the rear of the siren (*ON*). A short signal is output and the red LEDs flicker briefly. Briefly press the *Test* pushbutton on the internal wireless PCB. The green LED flickers briefly. The alarm signal is output and the red LEDs flicker. Switch off the alarm by the slide switch on the rear of the siren (*OFF*).

In as-delivered state the internal wireless PCB is already taught in to the siren. The rear of the siren has a pushbutton which is only used for teaching in the wireless PCB to the siren.

Important: Press this pushbutton for longer than 5 seconds to clear the wireless PCB from the siren.

If you accidentally clear the wireless PCB, teach it again using the procedure below:

1. Switch on the slide switch on the rear of the siren (*ON*). A short signal is output and the red LEDs flicker briefly.
2. Press the button on the rear for 3 seconds, a short signal is output and the red LEDs flicker rapidly.
3. Briefly press the **Test** pushbutton on the internal wireless PCB. The green LED flickers briefly. The siren generates 2 signals and the red LEDs flicker rapidly.
4. Briefly press the pushbutton on the rear. The red LEDs go out. The wireless PCB is successfully taught in to the siren.



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Frequency	868.3 MHz
Transmit power	max. 10 mW

Hereby, Eltako GmbH declares that the radio equipment type FAS260SA is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: eltako.com

Must be kept for later use!

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