

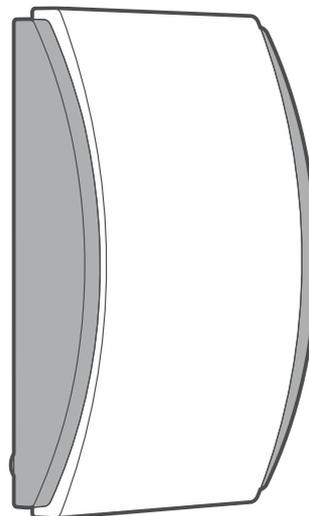


Indoor Siren

# ASP-215

Firmware version 1.04

EN



CE

asp-215\_BW\_en 01/26

**Satel**®

SATEL sp. z o.o. • ul. Budowlanych 66 • 80-298 Gdańsk • POLAND  
tel. +48 58 320 94 00  
[www.satel.pl](http://www.satel.pl)

## IMPORTANT

Changes, modifications or repairs not authorized by the manufacturer shall void your rights under the warranty.

Description of symbols on the device:



The device meets the requirements of the applicable EU directives.



The device must not be disposed of with other municipal waste. It should be disposed of in accordance with the existing rules for environment protection (the device was placed on the market after 13 August 2005).



The device is designed for indoor installation.



The device meets the technical regulations of the Eurasian Customs Union.

SATEL aims to continually improve the quality of its products, which may result in changes in their technical specifications and software. Current information about the changes being introduced is available on our website.

Please visit us at:  
<https://support.satel.pl>

**Hereby, SATEL sp. z o.o. declares that the radio equipment type ASP-215 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.satel.pl/ce](http://www.satel.pl/ce)**

### Signs in this manual



Caution – information on the safety of users, devices, etc.



Note – suggestion or additional information.

## CONTENTS

1. Features .....	2
2. Description .....	2
3. Installation .....	3
3.1 Tips for installation.....	3
3.2 Mounting.....	4
4. Battery replacement .....	4
5. Specifications .....	5

The ASP-210 siren (Indoor Siren) emits sound and light. The manual applies to the siren installed in the BE WAVE system.

## 1. Features

- Acoustic signaling by means of a sounder.
- Optical signaling by means of LEDs.
- Operation in the 868 MHz frequency band.
- AES encrypted two-way radio communication.
- Transmission channel diversity – 4 channels for automatic selection of the one that will enable transmission without interference with other signals.
- Remote settings programming.
- Remote firmware update.
- Built-in temperature sensor (measuring range: -10 °C...+55°C).
- Powered by CR123A 3 V battery.
- Battery status control.
- Tamper protection against enclosure opening and removal from mounting surface.
- High mechanical strength of the enclosure.

## 2. Description

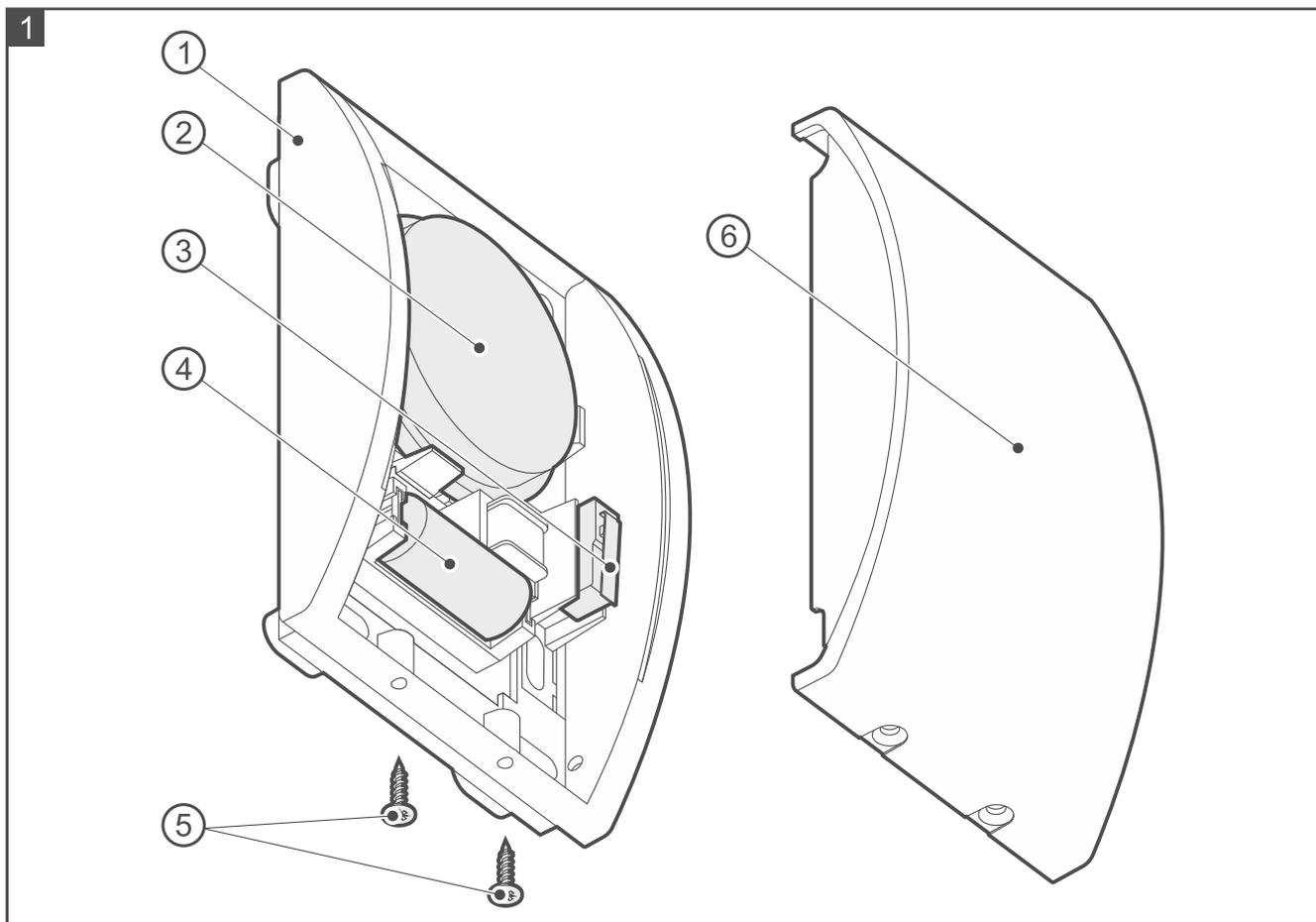


Figure 1 shows the siren with the cover off.

① enclosure base.

- ② sounder.
- ③ tamper switch.
- ④ battery.
- ⑤ cover locking screws.
- ⑥ enclosure cover.

### Starting the signaling

Signaling is started:

- after receiving a signaling command from the controller / control panel,
- after opening the tamper switch (both optical and acoustic signaling is started).

The signaling lasts up to 3 minutes.

### Blocking the tamper signaling

Opening the tamper switch will not generate the alarm in the following cases:

- for 40 seconds after installing the battery,
- when the *Battery replacement* function is enabled,
- when the device is bypassed,
- when the diagnostics mode is started in the system.

When the tamper signaling is blocked, the LEDs are flashing every 3 seconds.

## 3. Installation

---



**There is a danger of battery explosion when using a different battery than recommended by the manufacturer, or handling the battery improperly.**

**Do not crush the battery, cut it or expose it to high temperatures (throw it into the fire, put it in the oven, etc.).**

**Do not expose the battery to very low pressure due to the risk of battery explosion or leakage of flammable liquid or gas.**

**Be particularly careful during installation and replacement of the battery. The manufacturer is not liable for the consequences of incorrect installation of the battery.**

**If the siren is mounted higher than 2 meters above the ground, it may cause harm if it falls off.**

**Do not shorten or deform the antenna.**

### 3.1 Tips for installation

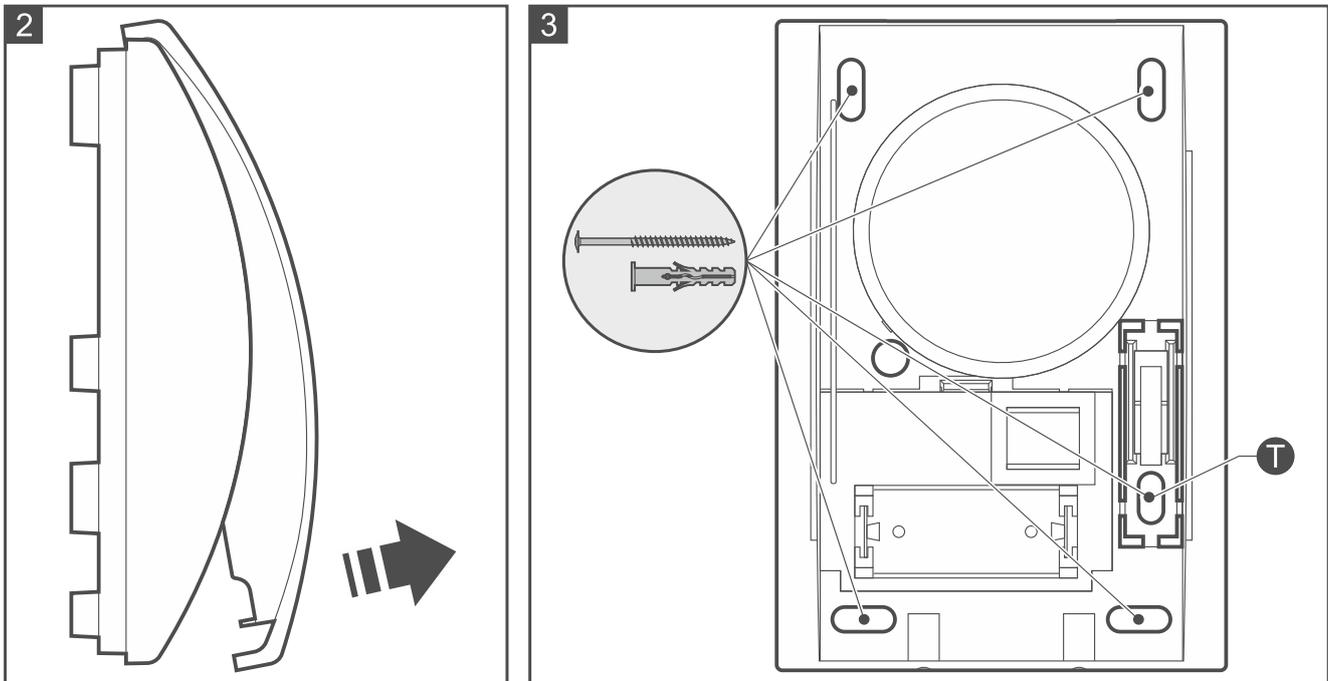
---

- The siren should be installed indoors, in spaces with normal air humidity.
- Do not install the siren outdoors.
- When selecting a place of installation, consider the radio communication range.
- Thick walls, metal partitions, etc. reduce the range of the radio signal.
- Install the siren on the wall, high above the floor, at a hard to access location, so as to minimize the risk of tampering.

- Leave a free space above the siren (at least 1 cm). Otherwise, it will be impossible to replace / remove the cover.

### 3.2 Mounting

1. Remove the cover locking screws.
2. Lift up the cover and remove it (Fig. 2).



3. Place the enclosure base against the wall and mark the location of the mounting holes (Fig. 3). If the siren is to detect removal from the surface, mark the location of the hole in the tamper protection element (marked with the **T** symbol in the figure).



*The siren must detect removal from the surface if it is to meet the requirements of Standard EN 50131 for Grade 2.*

4. Drill the holes in the wall for wall plugs (anchors). The wall plugs provided with the siren are intended for concrete or brick. For other types of surface (drywall, styrofoam), use other appropriately selected wall plugs.
5. Secure the enclosure base to the wall with screws. If the siren is to detect removal from the surface, secure also the tamper protection element.
6. Add the siren to the system (see the manual for the BE WAVE system controller or the BE WAVE Hybrid system control panel). When a request to turn on the device will be displayed, install the battery in the siren.
7. Replace the siren cover and lock it with a screw.

### 4. Battery replacement



**The used batteries must not be discarded, but should be disposed of in accordance with the existing rules for environment protection.**

The Be Wave app will indicate that the battery in the siren is low. The low battery should be replaced as soon as possible.

1. In the Be Wave app / BE WAVE Soft program, tap / click the room in which the siren is installed.

2. Tap / click the siren name.
3. Start the *Battery replacement* function.
4. Open the siren enclosure.
5. Remove the low battery.
6. Wait 1 minute.
7. Install the new battery.
8. Replace the siren cover and lock it with a screw.
9. Start the *Unbypass device* function in the Be Wave app / BE WAVE Soft program.

## 5. Specifications

---

Operating frequency band .....	868.0 MHz ÷ 868.6 MHz
Radio communication range (in open area) .....	up to 1500 m
Battery .....	CR123A 3 V
Battery life expectancy .....	up to 2 years
Standby current consumption .....	70 µA
Low battery voltage threshold .....	2.75 V
Temperature measurement range .....	-10°C...+55°C
Temperature measurement accuracy .....	±1°C
Sound pressure level (at 1 m distance).....	up to 105 dB
Complied with standards..EN 50130-4, EN 50130-5, EN 50131-1, EN 50131-4, EN 50131-5-3	
Security grade according to EN 50131-1 .....	Grade 2
Environmental class according to EN 50130-5 .....	II
Operating temperature range.....	-10°C...+55°C
Maximum humidity .....	93±3%
Dimensions .....	87 x 133 x 37 mm
Weight.....	180 g