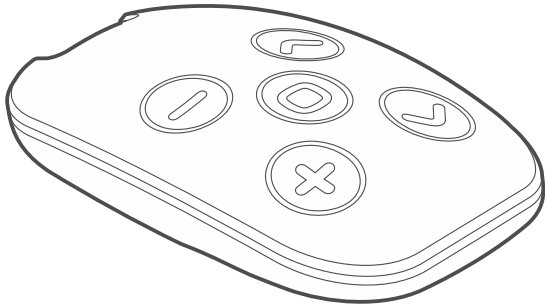
Smart Keyfob

# APT-210

EN

Firmware version 1.02



apt-210_BW_en 08/26

SATEL sp. z o.o. • ul. Budowlanych 66 • 80-298 Gdańsk • POLAND
tel. +48 58 320 94 00
**www.satel.pl**

# IMPORTANT

The device should be added to the system by qualified personnel.

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).

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 APT-210 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**

**Signs in this manual**

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

Note – suggestion or additional information.

CONTENTS

1. Features ..... 2
2. Adding the keyfob to the system ..... 2
3. Using the keyfob ..... 2
4. Battery replacement ..... 3
5. Specifications ..... 4

The APT-210 keyfob (Smart Keyfob) is used to remotely control the system. The manual applies to the keyfob used in the BE WAVE system.

## 1. Features

- 5 buttons.
- 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.
- 3 LED indicators.
- Built-in sounder.
- Powered by CR 2032 3 V battery.
- Battery status control.

## 2. Adding the keyfob to the system

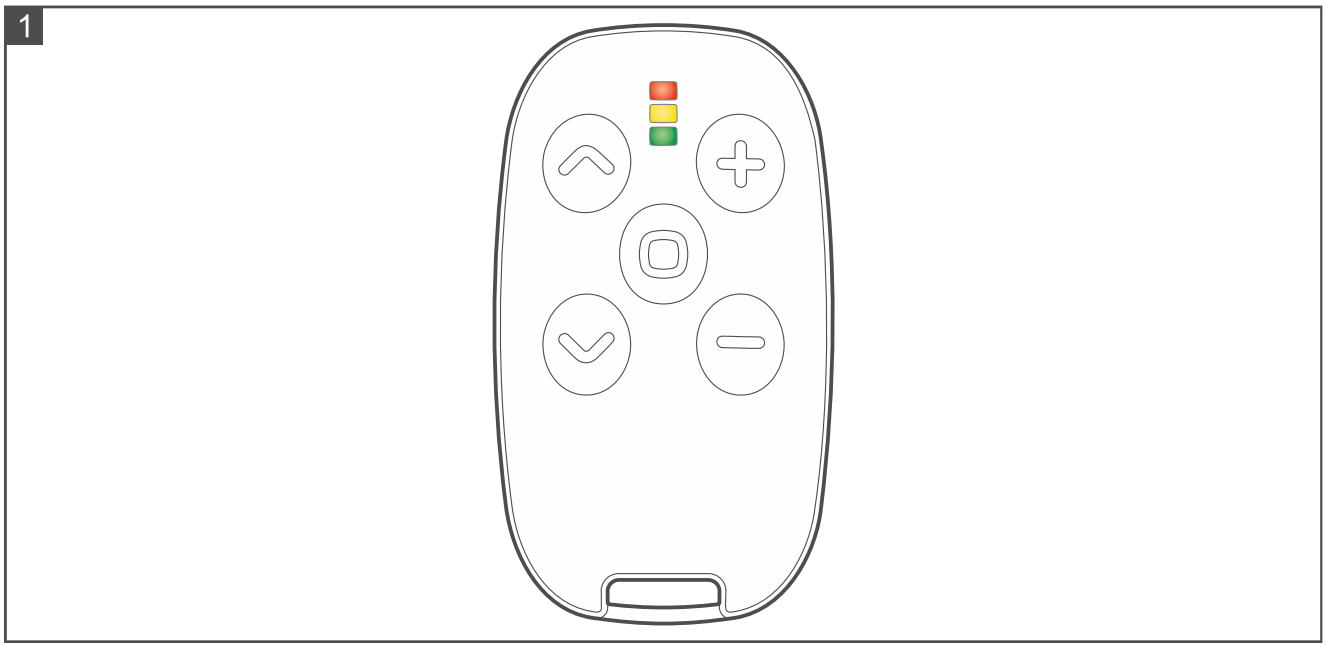
Use the Be Wave app / BE WAVE Soft program to add the keyfob to the system (see the manual for the BE WAVE system controller or the BE WAVE Hybrid system control panel). When a request to turn on the device will be displayed, press any button on the keyfob.

*If you want to add a keyfob that was previously used in another system, you need to restart it first:*

- *press and hold the ^ and v buttons for 10 seconds,*
- *remove the battery for 10 seconds.*

## 3. Using the keyfob

1



*Assign actions to the keyfob buttons in the Be Wave app / BE WAVE Soft program.*

Press a button to start an action. All LED indicators will start flashing. The indicators will stop flashing when:

- transmission from the keyfob is received: there will be 2 beeps (3 beeps if the battery is low) and a flash of:

  green indicator – action started,

  red indicator – action not started / no action assigned to the button.
- transmission from the keyfob has not been received for several seconds: there will be 1 long beep.

# 4. Battery replacement

**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.**

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

The battery life depends on how the keyfob is used. The more frequently the buttons are pressed, the faster the battery drains.

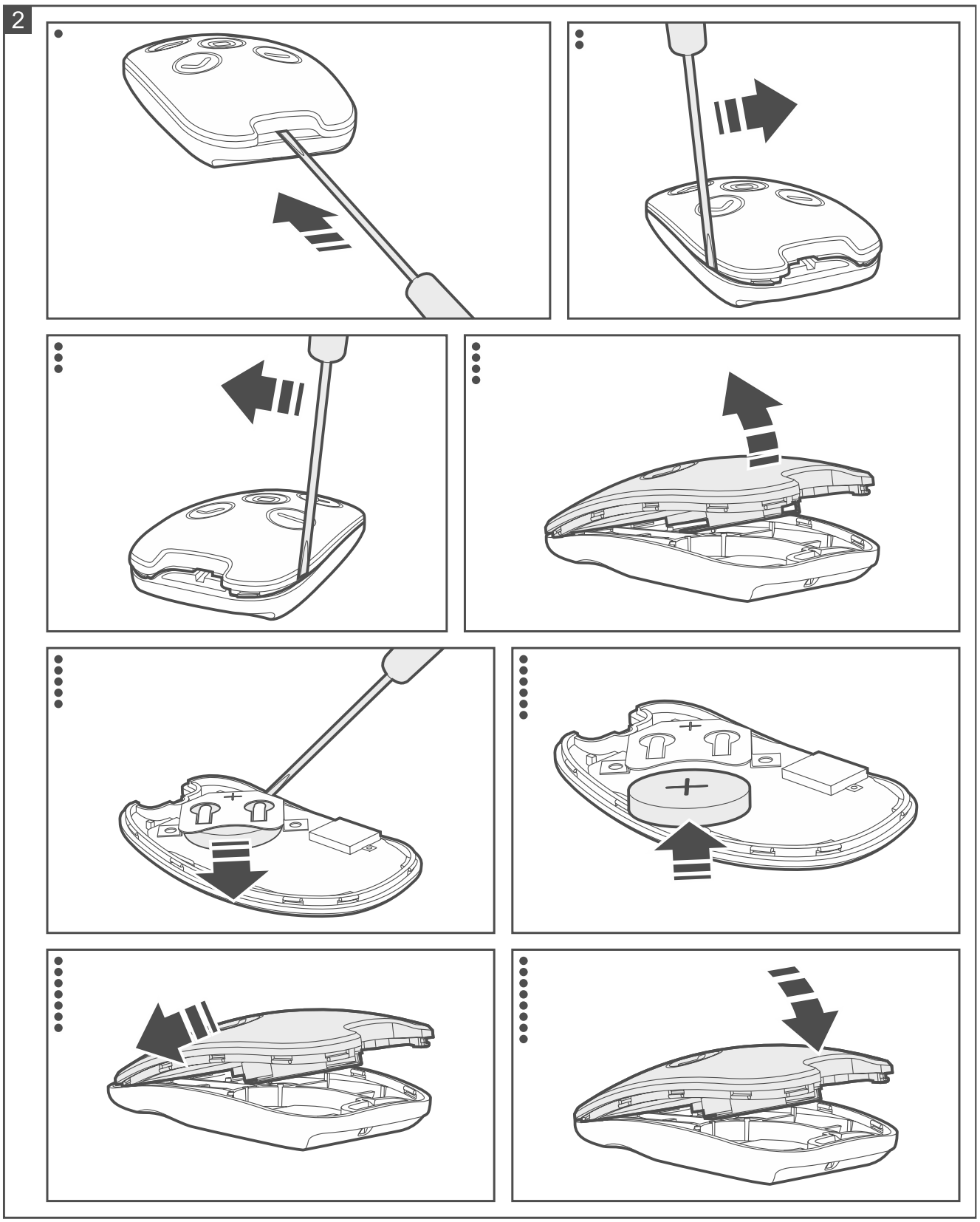
When the keyfob battery is low:

- the keyfob confirms successful transmission with three beeps (normally it is two beeps),
- the Be Wave app will indicate that the battery in the keyfob is low.

The low battery should be replaced as soon as possible.

Figure 2 shows how to replace the battery. Wait 1 minute between removing the old battery and installing the new one.

*The controller / control panel receives information on the keyfob battery status after the keyfob is used (the transmission sent by pressing the button is received). If the keyfob is unused, the information on the battery status shown in the Be Wave app / BE WAVE Soft program may be out of date.*




## 5. Specifications

Operating frequency band..... 868.0 MHz ÷ 868.6 MHz
Radio communication range (in open area) ..... up to 1300 m
Battery..... CR 2032 3 V
Low battery voltage threshold ..... 2.6 V

| | |
|---|---|
| Environmental class according to EN 50130-5 | II |
| Operating temperature range | -10°C...+55°C |
| Maximum humidity | 93±3% |
| Dimensions | 37 x 66 x 14 mm |
| Weight | 25 g |