

APT-100

BIDIRECTIONAL KEYFOB

apt100_en 05/16

The APT-100 keyfob allows you to remotely control the INTEGRA, INTEGRA Plus, VERSA, VERSA Plus or VERSA IP alarm system. The keyfob is designed for use as part of the ABAX two-way wireless system. It is supported by:

- ACU-120 / ACU-270 / ACU-100 (firmware version 2.00 or newer) / ACU-250 controller connected to the INTEGRA (firmware version 1.06 or newer) / INTEGRA Plus / VERSA (firmware version 1.01 or newer) / VERSA Plus / VERSA IP control panel,
- INTEGRA 128-WRL control panel (firmware version 1.01 or newer).

1. Features

- Two-way encrypted radio communication in the 868 MHz frequency band.
- 5 buttons to start up to 6 functions.
- 3 LEDs indicating the alarm system status.
- Built-in buzzer for audible feedback.
- Buttons backlight.
- Low battery indication.

2. Description

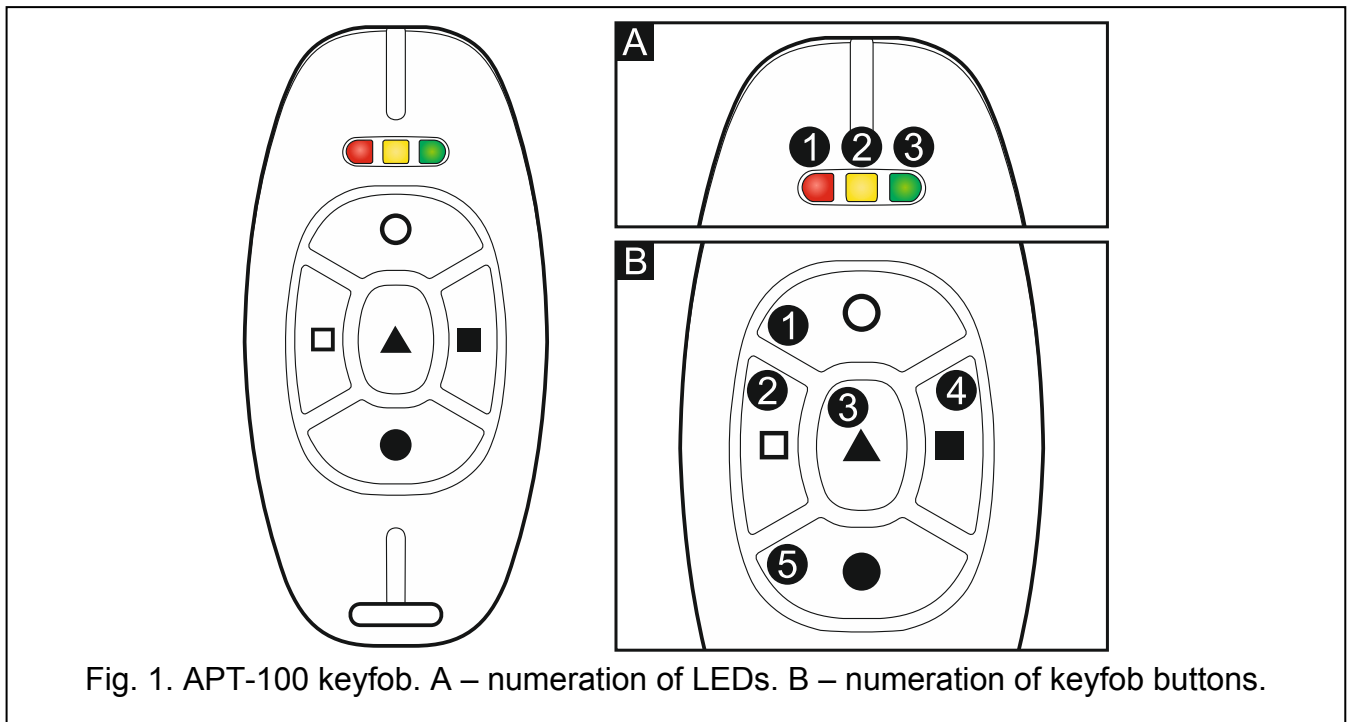


Fig. 1. APT-100 keyfob. A – numeration of LEDs. B – numeration of keyfob buttons.

The keyfob can be assigned to a user or an administrator. For how to add and configure the keyfobs, please refer to the controller and control panel manuals.

On pressing a button, beep is given, LEDs are flashing three times, backlight is turned on and transmission is sent to the controller / control panel. On receiving the confirmation from

the controller / control panel, the keyfob will give beeps. When the keyfob will receive system status data, will display them on the LEDs.

2.1 Alarm system control

The five buttons allow you to start up to 6 functions (to start the sixth function, press simultaneously the ○ and ● buttons [1 and 5]).

Controlling the INTEGRA / INTEGRA Plus system

The keyfob controls zones. These zones should not exist physically and the programmed wiring type must be different from NO DETECTOR and FOLLOW OUTPUT. Any zone type can be programmed. Pressing a keyfob button (or two buttons simultaneously) will violate the zone and trigger corresponding reaction of the control panel. The zone will remain violated as long as the button is pressed, however not longer than 20 seconds.

Controlling the VERSA / VERSA Plus / VERSA IP system

For the list of functions that can be run using the keyfob, please refer to the manuals of VERSA / VERSA Plus / VERSA IP control panels. If the keyfob is to control the zone, the zone should not exist physically and the programmed wiring type must be different from NO DETECTOR.

2.2 System state information

To get the information on system state, press any button (the button does not have to start any function). The information will be presented on keyfob LEDs by a few seconds.

Information about INTEGRA / INTEGRA Plus system state

The LEDs indicate the status of three outputs of the system. The LED is ON when:

- output with normal polarity is active,
- output with reversed polarity is inactive.

Information about VERSA / VERSA Plus / VERSA IP system state

For the list of information that can be presented on the keyfob LEDs, refer to the manuals of VERSA / VERSA Plus / VERSA IP control panels.

3. Battery replacement



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

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 battery is low, the backlight will be flashing (instead of being steady on) after you press a button. The low keyfob battery will be signaled as trouble by the control panel.

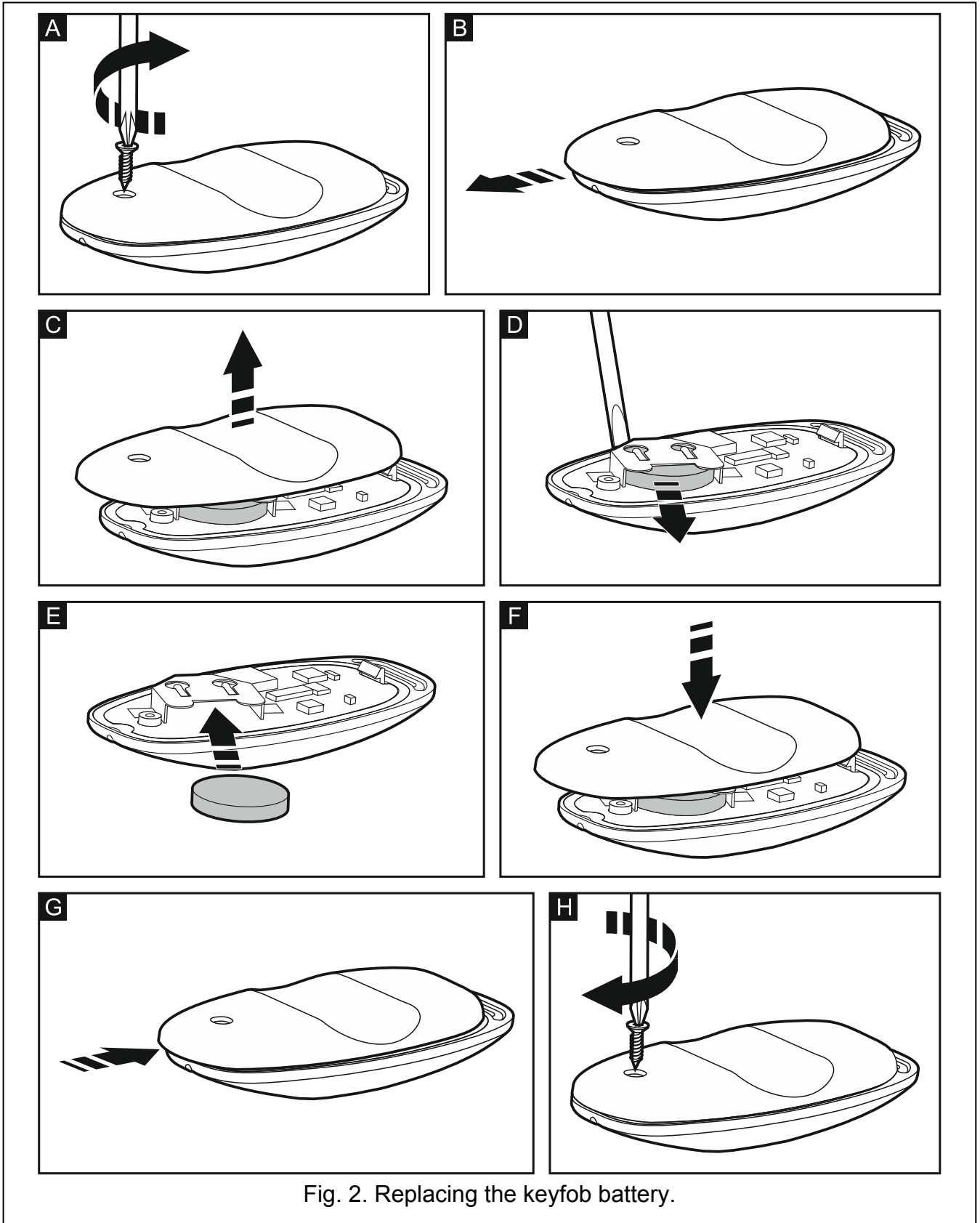


Fig. 2. Replacing the keyfob battery.

4. Specifications

Operating frequency band	868,0 MHz ÷ 868,6 MHz
Radio communication range (in open area)	up to 150 m
Battery	CR2032 3V

Environmental class according to EN50130-5	II
Operating temperature range.....	-10 °C...+55 °C
Maximum humidity	93±3%
Dimensions	38 x 78 x 16 mm
Weight.....	30 g

Hereby, SATEL sp. z o.o., declares that this keyfob is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The declaration of conformity may be consulted at www.satel.eu/ce