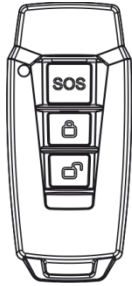




“Astra-RC”

Remote control and panic button



User Guide

Manufacturer:
ZAO NTC TEKO
 420108 Kazan, Russia
 Gafuri str., 71
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Made in Russia

Rev. RPK-RIMv3_3_instr_en

1 FUNCTION

Remote control and panic button is designed for transmitting alarm notifications and arming/disarming security system over the radio. RC provides measurement and transmission via radio in **mode 2** (by pressing any RC button) the values of the residual capacity of the battery with a display in the event log when the values of 30, 20, 10% are reached. **RC factory setting:** radio mode - **mode 2**, operating frequency **1**.

2 SPECIFICATION

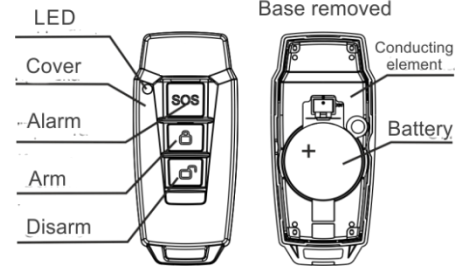
Operating frequency:
 - frequency 1.....433,42
 - frequency 3.....434,42
 Wireless coverage range*, m¹.....up to 1000
 Power supply voltage, V.....from 2.1 to 3.0
 Overall dimensions, mm.....74 × 33 × 14

Operating Conditions

Temperature range, °C.....from - 10 to + 50
 Relative air humidity, % up to 98 at + 40 °C
 without moisture condensation

3 DELIVERY SET

Remote control delivery set includes: battery CR2430 (3.0V, installed) - 1 pc., user guide – 1 copy, labels – 2 pcs.



4 INDICATION

Indication	LED
Boot time	1-x or 2-x flash after turning on the power depending on the mode of the radio
Alarm	1x flash by pressing the button
Arming	1x flash by pressing the button
Disarming	1x flash by pressing the button
Power failure	3x flash when pressing any button when the supply voltage is below 2.1 V

Note

1 The “Power Failure” notification is to the Security Hub mobile application together with the “Alarm”, “Arming” or “Disarming” notifications.

2 When notification of “Power failure” appears, it is necessary to replace the battery within **one week**.

¹ Maximum range parameters are provided under the best conditions for installing a radio receiver and using an external antenna

5 MODES OF OPERATION

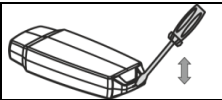


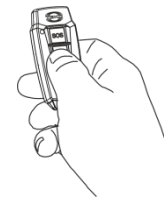
ATTENTION!

Setting and changing the operating mode of the remote control is possible within **10 minutes after battery insertion!**

5.1 Radio mode selection


RC provides work in two modes of a radio:

- **mode 1** – for operation with old devices,
- **mode 2** – for Security Hub and new devices.

1) Remove the base.	
2) Briefly press any button on the RC to remove the residual charge.	
3) Insert the battery	
4) Assemble RC. By turning on the LED, determine the mode: - 1 flash – mode 1 installed, - 2 flashes – mode 2 installed. Wait at least 10 sec before changing the mode.	
5) Changing the radio mode: press the  button (ARM) and hold it for at least 10 sec until the LED flash appears: 1x or 2x flash , depending on the set mode.	

5.2 Operating frequency selecting

- 1) Remove the base of the RC if more than 10 minutes have passed after turning on the power.
- 2) Briefly press any button on the RC to remove the residual charge.
- 3) Insert the battery. Assemble RC.

- 4) Press the  button and hold it for **at least 10 sec** until the LED flash appears:
- **1 flash** – **frequency 1 is set** (compatible with Security Hub),
- **3 flashes** – **frequency 3 is set**

- 5) To change the operating frequency, repeat step 4)

6 ADDING TO THE SYSTEM

- 1) Set up necessary radio mode and the operating frequency of the RC in accordance with the mode and operating frequency of the controller (see p. 5).


- 2) Start adding on the mobile or desktop app Security Hub. Adding starts **for 45-60 sec.**

- 3) Start RC adding following one of the following methods:

1 method: turn on RC by setting the battery.

open the RC, briefly press any button to remove the residual charge, install the battery (if not installed). Assemble the RC, while the power of the RC will turn on.

2 method: (with installed battery):

press the  button (the LED will give out a **1-x** flash) and hold it for at **least 5 sec.** until a repeated **1-x** flash appears.

- 4) Make sure registration is successful with Security Hub mobile or web app. If registration is **unsuccessful**, repeat actions **.2) – 3).**

- 5) Set the RC using Security Hub mobile App or desktop App.

7 WARRANTY

Warranty period of operation - 1 year from the date of commissioning, but not more than 1 year 6 months from the date of manufacture and subject to the requirements of the current user guide.