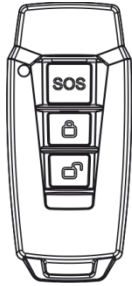




Astra-RC

Remote control and panic button



User Guide

Manufacturer:
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Made in Russia

Rev. RPKD-RIMv4_0_instr_en

1 FUNCTION

- Astra-RC key fob is designed to transmit an alarm notification and to arming (disarming) via a radio to a wireless receiver (Astra-812 Pro, Security Hub, Astra-WE 433).
- Astra-RC provides measurement and transmission via radio (when pressing any button) of the value of the residual capacity of the battery with display in the system event log when the values of 30, 20, 10% are reached.
- Factory defaults – frequency channel 1.

2 SPECIFICATIONS

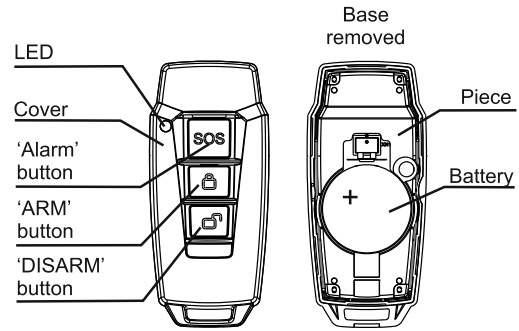
Operating frequency, MHz:
 - frequency channel 1.....433.42
 - frequency channel 3.....434.42
 Wireless coverage range, m.....up to 1000
 Supply voltage, V DC.....2.1 to 3.0
 Overall dimensions, mm.....74 × 33 × 14

Operating Conditions

Temperature range, °Cfrom - 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	Re-ceiver
Boot time	2-x flash after turning on the power	-
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	+

Notes

1 The "Power Failure" notification is sent to the receiver 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**.

5 MODES OF OPERATION

ATTENTION!

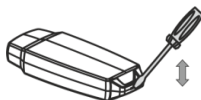
Setting and changing the frequency channel of the remote control is possible within **10 minutes after battery insertion!**

Before turning on the power again, it is necessary to remove the **residual charge** by briefly pressing any button.

5.1 Radio mode control

RC provides work in one radio mode: mode 2.

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, check the mode:

- **2 flashes** – mode 2 installed.


Wait at **least 10 sec** before changing the frequency channel.

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 12 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 REGISTRATION PROCEDURE

1) Set up necessary frequency channel of the RC in accordance with the operating frequency of the controller (see p. 5.2).


2) Start the registration mode on the receiver (Security Hub, Astra-812 pro, Astra-We 433) in accordance with the tutorial built into the software PKM Astra Pro or the manual for setting up Astra-812 Pro or We 433 standalone. The mode starts for 45-60 sec.

3) Start RC registration following one of the methods:

1 method: turn on RC by inserting 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 12 sec.** until a repeated **1-x** flash appears.

4) Make sure registration is successful.

If registration is **unsuccessful**, repeat actions **2) – 3)**.

5) Set the RC using PKM Astra Pro, Security Hub mobile App or desktop App or Astra-812 Pro menu.

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.