



## Astra-3221

### Wireless panic button



### User Guide

#### Manufacturer:

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Made in Russia

Rev. 3221-v4\_2\_instr\_en

## 1 FUNCTION

Wireless Electro-Contact Panic Button is intended for manual activation and transmitting an alarm signal to the **Security Hub**.

## 2 SPECIFICATIONS

Wireless coverage range\*, m .....100

Power supply voltage, V.....from 2.3 to 3.0

Overall dimensions, mm.....86 × 40 × 20

### Operating Conditions

Temperature range, °C ..... from - 10 to + 50

Relative air humidity, %.....up to 98 at + 40 °C  
without moisture condensation

## 3 DELIVERY SET

Delivery set includes: screw – 2 pcs., clip – 1 pc., battery (CR2430, 3.0V) - 2 pcs. (installed), user guide – 1 copy, label – 2 pcs.

\* The maximum wireless coverage range parameters are ensured when the best installation conditions for the detector and radio receiver are met and an external antenna is used in the radio receiver.

## 4 INDICATION

Indication	Detector LED
Standby mode (with radio supervision)	<b>1-time</b> flash at least 10 sec after turning on the power
Standby mode (without radio supervision)	<b>2-time</b> flash at least 10 sec after turning on the power
Norm (with radio supervision)	Off
Norm (without radio supervision)	Off
Alarm (Panic)	<b>1-time</b> flash by pushing the panic button
Power failure (with radio supervision)	<b>3-time</b> flashes by pushing the panic button (when the voltage is lower than <b>2.3 V</b> )

**Note** - When the message "**Power failure**" appears, the battery must be replaced within **one week**.

## 5 OPERATION MODES

**Attention!** Setting operation mode of the detector, as well as LED indication of notifications are possible within no more than 10 minutes after battery insertion!

### 5.1 RF supervision/ No RF supervision

Panic button supports two operation modes:

- **With RF supervision** (when using the panic button as a stationary device),
- **Without RF supervision** (when using the panic button as a mobile (wearable) device).

#### Sequencing:

- 1) Remove the base of the detector (see p.6)
- 2) Activate battery by pulling out the insulator
- 3) By the LED indication check the mode:

- **1-time flash** – with RF supervision,
- **2-time flash** – without RF supervision.

4) To change the mode, wait for 10 sec., press the **panic button** and hold it for at least 10 sec. until the LED flashes, 1-time or 2-time, depending on the set mode.

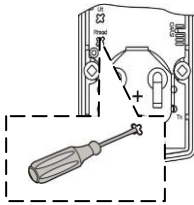
### 5.2 Radio mode selection

The radio mode of the detector is configured by closing the metallized contacts on the PCB.

#### Sequencing:

1) If after activating the battery more than 10 minutes have passed: reset the battery, wait at least **10 sec.**

2) Close the metallized **Rmod** contact until the indication appears (at least 10 sec).



3) After turning on the LED, determine the set radio mode:

- **1-time flash** – mode 1,
- **2-time flash** – mode 2 (compatible with Security Hub).

4) Close the metallized **Lit** contact until the LED indication appears (not less than 10 sec).

5) After turning on the LED, determine the set mode:

- **1-time flash** – frequency mode 1 (compatible with Security Hub),
- **3-time flash** – frequency mode 3.

**When changing modes on a registered detector it is necessary to re-register the detector!**

## 6 ADDING PROCEDURE

- 1) De-assemble the panic button.
- 2) Select mode with or without RF supervision (p. 5.1) if it is necessary (no need for Security Hub).
- 3) Set radio mode and frequency mode (p. 5.2) if it is necessary (no need for Security hub).
- 4) Start registration on the Security Hub mobile app. Registration starts for **45-60 sec.**
- 5) Activate or re-activate the battery.
- 6) Check the adding in the Security Hub mobile App.
- 7) In case of successful adding activate the second battery and assemble the panic button.

## 7 INSTALLATION PROCEDURE

➤ **As a stationary device with RF supervision:**

- remove the base;
- remove the PCB;
- fix the base of the detector in the chosen place;

- install the cover with the PCB fixed on it into the base.

➤ **As a mobile device without RF supervision:** attach to clothes with a clip or use a cord (cord is supplied separately).

## 8 WARRANTY

The operation warranty period is 1 year from the date of operation start, but no longer than 1 year 6 months from the date of manufacturing subject to the requirements of User guide.