GRANAT GT RPT

Wireless repeater

Part of the security system

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EN

User Manual

GT RPT is a radio channel repeater designed to increase the radius of reliable reception of wireless detector signals.

The repeater is connected to the receiving and control device and configured software.

For configuration with Lun and GT Panel devices, use the **Configurator 11** application

Technical specifications

Radio communication	Multi-channel ISM, frequency range 868.0 … 872.0 MHz, bandwidth 250 kHz, up to 20 mW
Test signal period	60 sec
Mains voltage with a frequency of 50 Hz	184…253 V
Power consumption from the mains electricity network	1.5 VA
Backup power	Battery LIR403048A
Backup power supply voltage	3.5…4.2 V
Estimated operating time from backup power source	24 hours
Degree of protection provided by the enclosure	IP30
Overall dimensions, L*W*H / Weight	120*56*66 mm / 125 g
Ступінь безпеки	Grade 2
Climatic class (Operating temperature)	Class I (from +5 °C to +40 °C)

Equipment

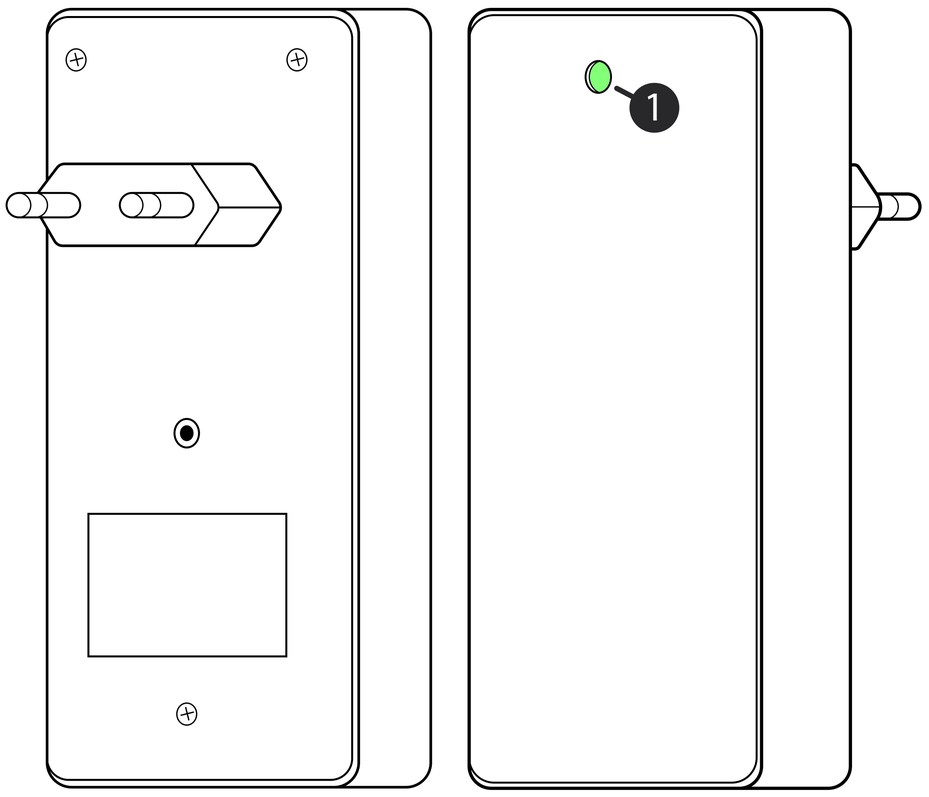
1. GT RPT Keyboard
2. Mounting Kit
3. User Guide
4. Battery LIR403048A (already installed)

Be careful. Replacing a battery with an incorrect type or with the wrong polarity may result in fire or explosion. Dispose of used batteries according to national regulations.

Warranty

The warranty period for the device manufactured by the company (except for batteries) is two years from the date of sale. If the device does not work properly, first contact **support@p-sec.ua**, perhaps this issue can be resolved remotely.

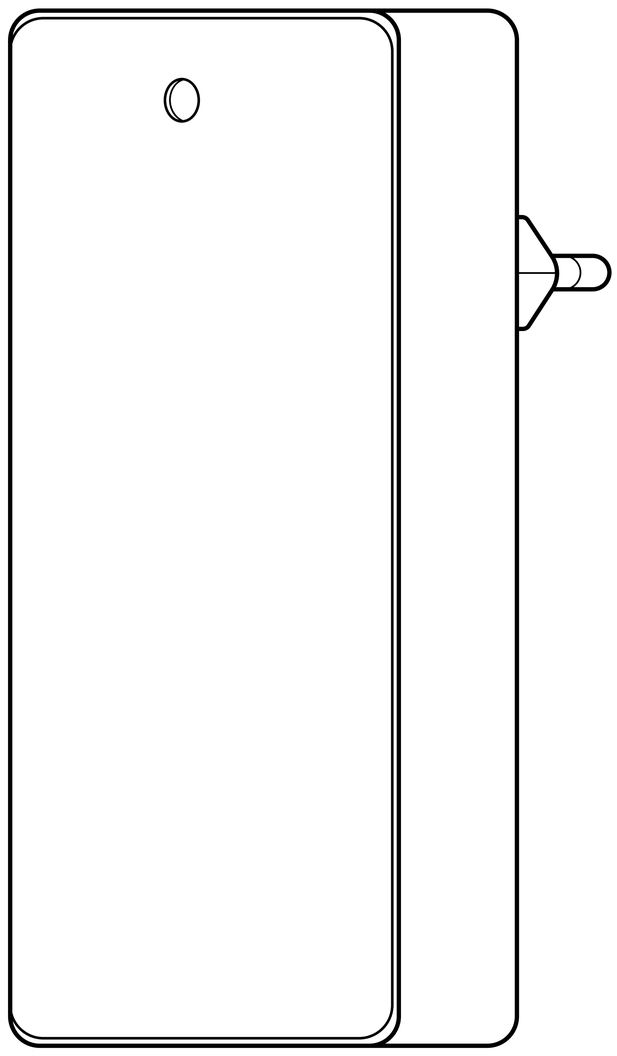
LED indication



1. The built-in indicator (on the front of the case) displays the following repeater operating modes:

- “Working mode” – glows green
- Event transmission to upper-level wireless device (to repeater or receiver “Lun-AIR”)” – glows red
- "No connection to upstream wireless device" - glows blue
- Preparing to turn off the repeater” – glows white for a few seconds

Repeater registration



The new repeater must be registered in the control panel.
To register a repeater, do the following.

1. In the control panel configuration, set the required number of radio zones, their type, group affiliation and other parameters in advance.
2. Turn on the control panel in operating mode and select the required group.
3. Switch the control panel to the radio device registration mode (see the instructions for the corresponding control panel).
4. Turn on the repeater by briefly pressing the button on its case
5. Registration occurs automatically after switching on, if the control panel is already waiting for a registration signal.
6. The repeater waits for registration for 10 seconds. To re-initialize the registration process, turn off the repeater by holding the button on its case (behind the case) for 4...5 seconds (until the white indication appears) and after ~5 seconds, turn on the repeater again.
7. Connect the repeater to the mains power supply.

Additional information on registration in other devices on the **oib.systems**

Radio communication quality assessment

Turn on the repeater, all upper-level repeaters and the control panel, place them in the planned locations.
Then press and release the repeater button. The indicator will show the communication quality.

Indicator color	Number of flashes	Radio quality
Green	3	Excellent (level 3)
	2	Good (level 2)
	1	Bad (level 1)
Red	4	No connection (level 0)

Installing a repeater

1. Choose the installation location, taking into account the assessment of the quality of the radio signal in this area.
Do not install the repeater on metal surfaces
or close to them (closer than 1m), as well as inside metal structures.
2. Briefly press the button on the repeater.
3. Connect the repeater to the mains power supply.