GRANAT GT Siren

Wireless alarm

Part of the security system

oib.systems
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EN

Quick User Guide

GT Siren is designed to sound and light notify people about alarming events at facilities

The device is installed indoors and configured using software.

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

Characteristics

Radio communication	Multi-channel ISM, frequency range 868.0 ... 872.0 MHz, bandwidth 250 kHz, up to 20 mW
Test signal period (battery power) Test signal period (external power supply +12V)	60 sec/ 30 sec
Time of transmission of the notification to the receiver	up to 60 sec
Sound pressure level at a distance of 1m	up to 85 dB
Frequency of sound signals, kHz	2...4 kHz
Output current of the remote status indicator (LED)	up to 3 mA
Power source / Battery life	CR123A, 2pcs. / Up to 5 years
Voltage of the built-in power supply (battery) / Voltage of the external power supply (power supply)	2.3...3.2 V / +11...+13 V
Current consumption in idle state (external power supply +12V) / (battery power supply)	up to 2 mA/ up to 10 mA
Maximum current consumption (external power supply +12V) / (battery power)	up to 35 mA/ up to 100 mA
Overall dimensions, L*W*H / Weight	144*144*42 mm / 250 g
Degree of protection provided by the enclosure	IP41
Security level	Grade 2
Climatic class (Operating temperature)	Class I (from +5 °C to +50 °C)

Equipment

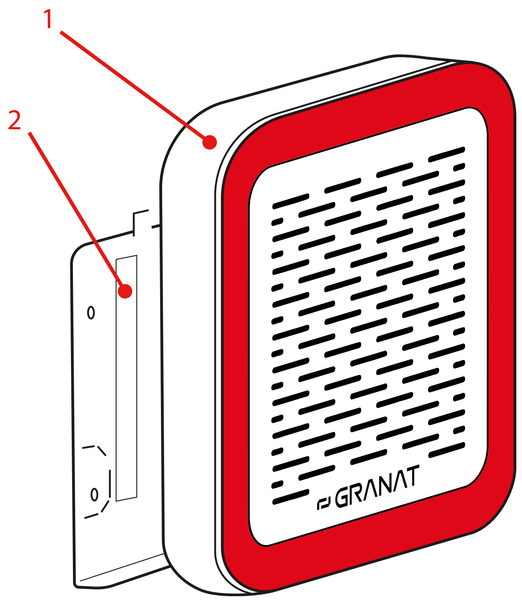
1. GT Siren with mounting platform
2. CR123A (2 pcs.)
3. Installation kit
4. This user manual

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.

Guarantee

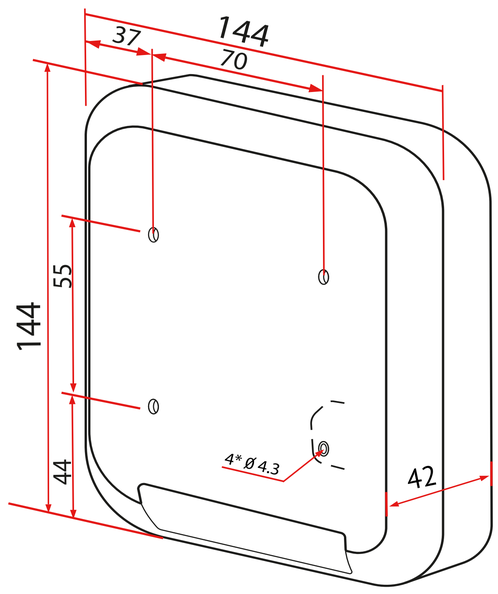
The warranty period for the company's devices (excluding batteries) is two years from the date of sale.
If the device is not working properly, first contact support@p-sec.ua, perhaps this issue can be resolved remotely.

Design and components



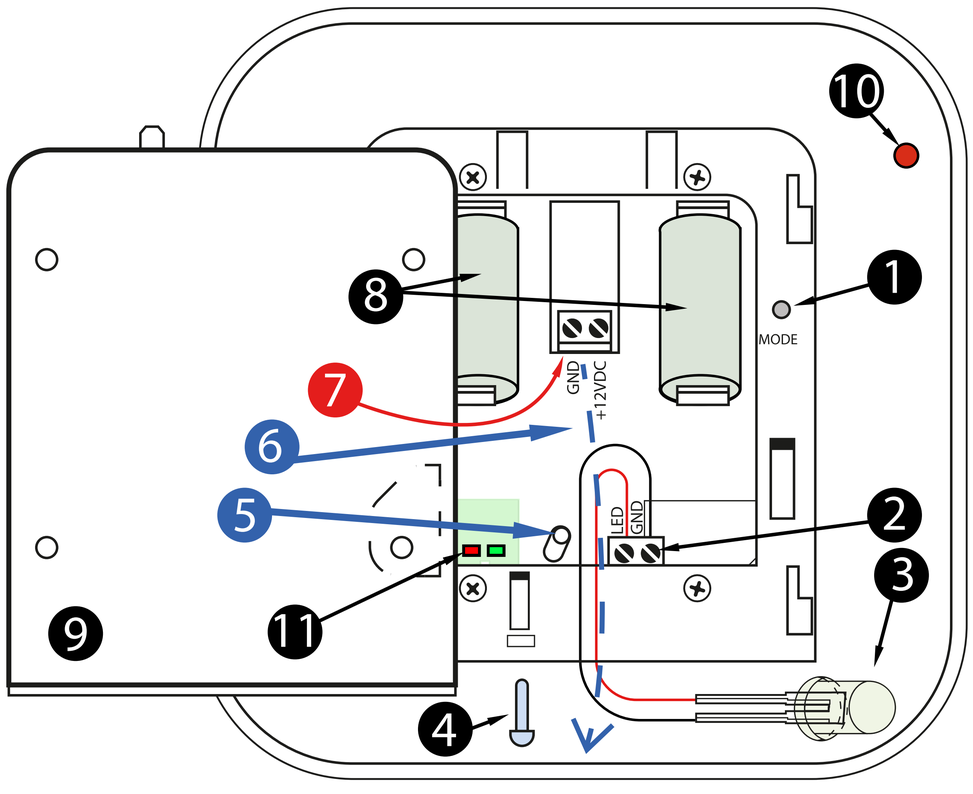
1. Device body
2. Mounting platform

Mounting dimensions



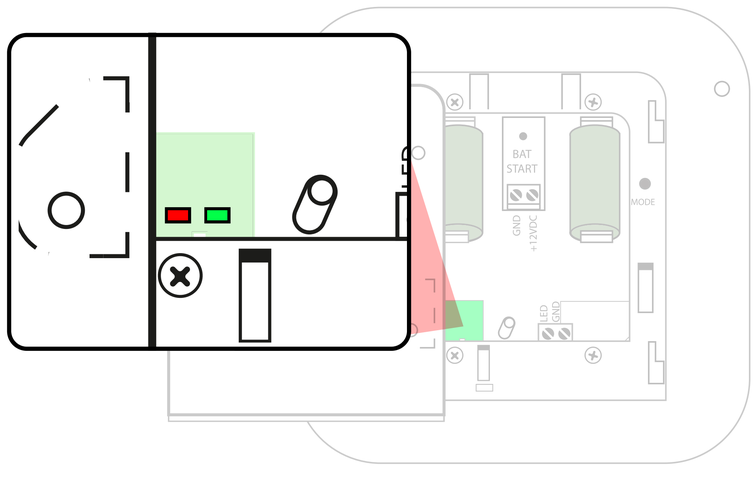
Provide approximately 20 mm of free space above the control panel housing.

Design and components



1. “Mode” button.
2. Remote indicator terminals.
3. Remote LED.
4. Locking screw.
5. Power supply wire fixing post.
6. Wiring path.
7. Power supply wire terminals +12V.
8. CR123A batteries.
9. Mounting platform.
10. Sounder.
11. Built-in indicators.

Indication / Detector registration



- "**External power supply +12V** present" – periodic flashes simultaneously in red and green.
- The "**Data transmission**" indicator is a short green flash for each message. In power saving mode, it can be turned off during control panel setup, which extends battery life. In this mode, the indicator is active for 5 minutes after a "tamper norm" event, then turns off.
- Additional red indicators around the front panel flash during an "**alarm**" signal and are accompanied by an audible alert.

1. In the control panel configuration, set the required number of radio zones, their type, grouping and other parameters.
2. Switch the control panel to operating mode and select the required group.
3. Switch the control panel to the mode of registration of radio devices (div. setting until confirmation PPK).
4. Install the battery in the alarm (or increase the insulation line to the “+” contact, since the batteries are already installed).
5. Registration is generated automatically, since the control panel has already detected the registration signal.

The registration will notify you for 10 seconds.
To re-initialize the registration process, remove the batteries from the siren for 8...10 seconds and reinsert them..

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

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)