PAX
WIRELESS SERIES

PAX SR INTR

Wireless Indoor Siren

Installation and Operation Manual

TELETEK

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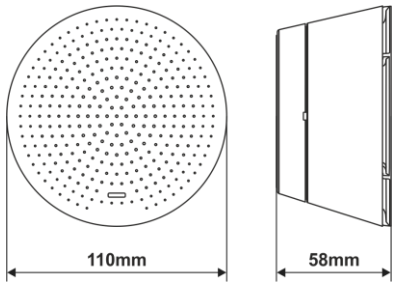
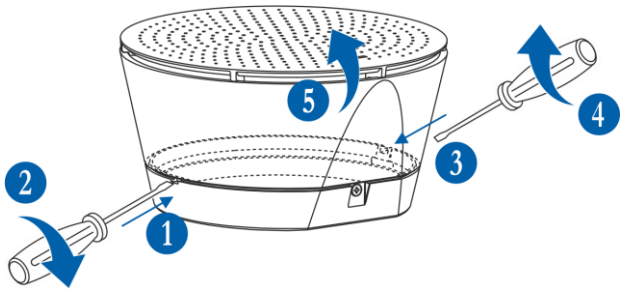
ATTENTION: Read carefully this installation Instructions before installing the device! This manual is subject to change without notice!

1. Installation

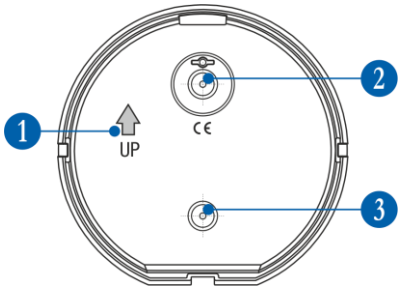
1 General view & Dimensions



2 Opening

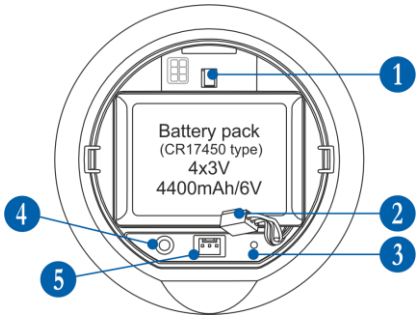


3 Mounting the bottom



1 - Right mounting position
2 - Anti-tear tamper mounting hole
3 - Mounting hole

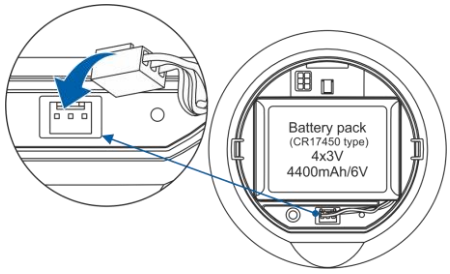
4 Sounder elements



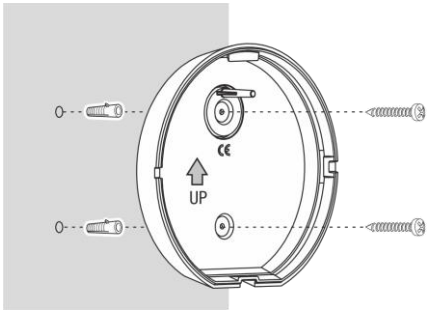
1 - Tamper plate
2 - Battery connector
3 - LED indication
4 - ENROL button
5 - Battery terminal

Attention:
Do not cut, shorten, or extend the battery connector wires!
Do not disassemble the battery pack!
The battery pack is not rechargeable!
Use only battery pack types approved by manufacturer!
Do not expose the battery pack on high temperatures!

5 Battery connection



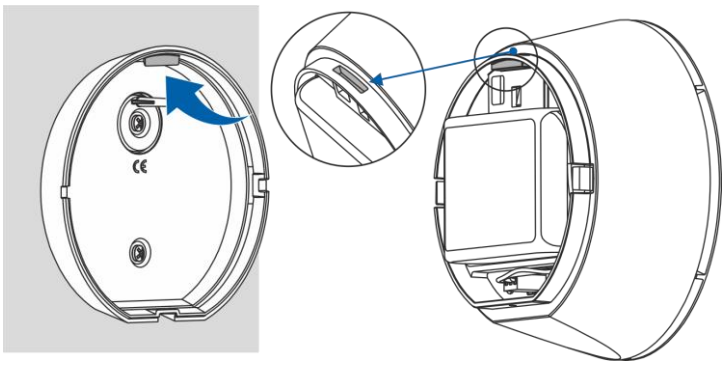
6 Bottom mounting



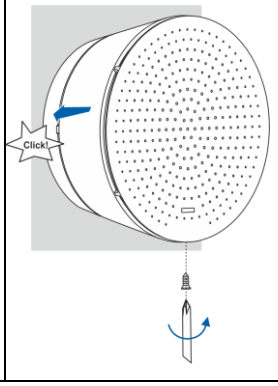
For mounting on brick wall use 2 pcs anchors (ø6x30) and 2 pcs screws (3.5x30).

Use fitting elements according the mounting surface, as it is required to use supporting elements that hold 900N downwards force.

7 Final assembly



8 Closing and securing the sounder



For securing the sounder to the bottom, use the little screw DIN7981 C.

2. General Information

PAX SR INTR is a wireless siren for indoor mounting. The siren is compatible for operation with:

- ***BRAVO Next*** wireless control panel, for building of fully wireless security systems.
- ***PAX WL Expander*** module, for building of hybrid security systems with Eclipse series control panels.

Attention: *The minimum distance between BRAVO Next or PAX WL Expander and enrolled to it wireless PAX SR INTR sounder must be at least 1 meter to guarantee the correct operation of the system.*

Technical Specifications:

Battery pack (type CR17450) 4x3V; 4400mAh/6V
Battery life ..... ~ 7 years*
Sound level 102dB/1m
Alarm tone duration (programmable) . 1-3min
Tone frequency range 2700-3300Hz
RF communication type..... Bidirectional
Operation frequency..... ~868 MHz
Protocol type ..... Beacon+
Radio distance (open space) ..... Up to 1500m
EMC Immunity..... EN50130-4:2011+A1:2014
Working temperature..... -10°C - +40°C
Dimensions ..... 110 x 58 mm
Installation..... Indoor use
Weight (including battery)..... 288 g

** Based on normal use of the siren (e.g., 1 alarm per month with strobe and 1 minute alarm cycle, and 8 squawks per day at an average of 25°C). If the use is more frequent or the alarm cycle is set for more than 1 minute the battery life may be reduced.*

3. Enrolment

(You should also refer to BRAVO Next and PAX WL Expander module full installation and operation manuals for more details)

Note: *For already used PAX SR INTR siren, first perform RESET procedure.*

- Enter in Device Programming menu of the used control panel.
- Select a free wireless device/siren number (depends on the control panel).
- Initiate enrolment procedure – the panel starts searching for wireless devices in its range.
- Enrol the siren as:
  If the PAX SR INTR is new: Connect the battery connector to the terminal (see section 5, 1. Installation) – the LED lights on in red followed by a green blink, and after that the enrolment procedure starts automatically. If the automatic enrolment is failed, press the ENROLL button to initiate the process again.
  If the PAX SR INTR has been already used - reset procedure has been done: Press the ENROLL button on the PCB - the LED will blink fast in red for a while and after that the enrolment procedure starts automatically.
- The enrolment is successful, if in a time interval up to 30 seconds, the device LED lights on in green, and after that starts blinking in orange, which means that the device is selected. Make a radio test on the place of installation of the device as press the ENROLL button once and wait for LED indication – see item 5.
- In case PAX SR INTR is enrolled to PAX WL Expander module, select a free PGM number and attach the siren to it. Then, set SIREN option for the operation of the PGM.

4. Resetting

Resetting is a procedure for restoring the default factory settings of a device. It is necessary to perform, when the device is moved to new system installation and must be enrolled to new control panel.

- Remove the bottom of the PAX SR INTR.
- With battery on, press and hold the ENROLL button for at least 7 seconds.
- The reset is completed when the green LED blinks shortly three times, followed by one long red flash and one long green flash.
- Next pressing of the ENROLL button will activate the enrolment procedure as described at item 3.

5. Performing Radio Test

Note: *Perform the radio test just after the enrolment of the device and at the place of installation, as in that way you can choose the place with the best signal coverage.*

The radio test should be performed in order to check the signal strength on the site and the quality of the communication between the control panel and the PAX wireless devices.

The radio test can be performed directly after the enrolment of the device and after that during the maintenance of the system.

To perform a radio test of a device:
• Remove the cover of the device to access the PCB.
• Press the ENROLL button - the LED(s) will blink single in green. Up to 30 seconds the device will inform for signal coverage with a new indication with the following meaning:
- 3 blinks in green - the signal coverage is good and there is a stable communication between the device and the panel;
- 3 blinks in red - no signal coverage and communication between the device and the panel;
- 3 blinks in yellow – there is a signal coverage, but the communication between the device and the panel is unstable. In this case it is recommended to change the place of installation and to perform a new radio test.

6. Settings

The following configuration options are available for settings via ProsTE specialised programming software (Bravo Next) or Eclipse panel engineering menus.

Configuration options	**Settings**			
Sounder LED on Standby (Indication for selected device)	On		Off	
Action Squawk on Arm* (1 sound signal in Arming)	On		Off	
Action Squawk on Disarm* (2 sound signals in Disarming)	On		Off	
Siren time [min] (Sounding duration for one alarm cycle)	1		2	3
Sounder Loudness (levels)	1 Low	2 Mid	3 Mid	4 High

- Default settings

Note: *In configuration with BRAVO Next wireless panel, if the Squawk options for Arm and Disarm are set but the siren is not responding, check the settings of the hardware dip-switches on the panel's PCB – the dip-switch number 4 must be set on "ON".*

7. Replacing the Battery Pack

Attention: Use only original battery packs supplied from the manufacturer, designed for the specific power supply of wireless siren PAX SR INTR!

To replace the battery pack with new:

- Dismount the siren from the base bottom.
- Switch off the connector of the battery pack and dismount it from the plastic bottom. Press several times the ENROLL button.
- Wait for 10-15 seconds, place the new battery pack and switch on the connector.
- The LED lights in sequence in red, then in green.
- Mount back the siren to the base bottom.

SAFETY PRECAUTIONS: Keep new and used batteries away from children! If the battery compartment does not close securely, stop using the product and keep it away from children's reach. If swallowed, the coin-sized batteries can cause serious injuries and burns in just 2 hours. In case of any doubt for swallowing of a battery, seek for medical help immediately!

Environmental Protection

Directive of batteries disposal – Information for the user (2013/56/EO)

The used batteries from devices, after changing with new ones, should not be disposed together with another household waste. The chemical elements, used in the batteries can seriously harm the man's health and the outdoor environment.
The recycling of the used batteries and waste of batteries contributes for protection, keeping clean and improving the outdoor environment.

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