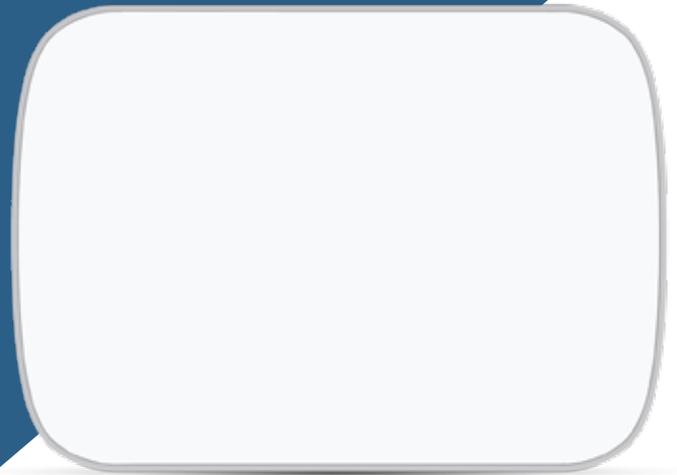


- siren for outdoor use
- elegant design
- sound pressure level 110 dB at a distance of 1 m
- arming confirmation indicator
- 868,0 ... 868.6MHz, several channels for redundancy, range up to 2000 m
- external power supply 12V connector
- power supply - two CR123A batteries
- up to 5 years of service
- easy and fast installation



This wireless siren designed to sound the alert on alarm in MAKS PRO system. It is installed outdoors to warn about the danger or to scare off intruders.

Radio communication

The siren transceiver operates in several channels of 868.0 ... 868.6 MHz band for redundancy

Secure two-way radio communication.

Distance - up to 2000 m in the open space.

Three levels of power, the maximum - up to 20 mW.

Setting up

The siren operates only with the MAKS PRO wireless alarm system center, connection to other systems is not provided.

The siren is connected to the security center and configured using the MAKS Setup mobile application. The volume and running time of the audible alarm are adjustable.



Features

Device has power jack connector to connect external power supply.

The time for switching on the built-in indicator or external arming information LED is 15 seconds.

For "Armed" status indication, you can set the built-in LED to flash once every 10 seconds.

If MAKS PRO is in the "Armed (Stay)" mode, the alarm sound will always be activated at the minimum volume.

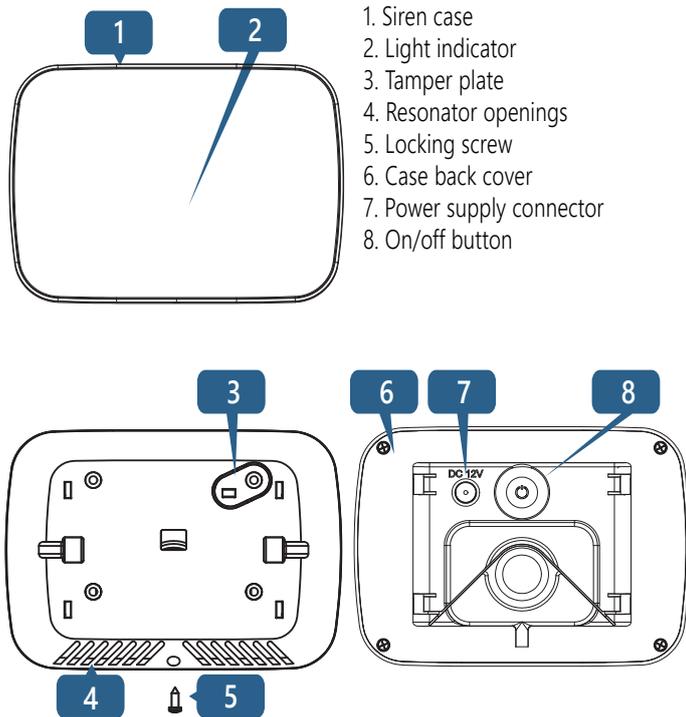
MAKS Siren Outdoor activates no later than in 10 seconds (communication period with the security center) after alarm.

Characteristics

ISM wireless interface, up to 2000 m	868.0... 868.6 MHz
secure two-way communication	key - 256 bits
Power (lithium batteries included)	External power supply 10.8 ... 13.8V and four CR123A, 3V batteries
standby current	no more than 6 μ A @ 3V no more than 2 mA @ 12V
radio communication current	no more than 45 μ A
alarm current	no more than 0.66A @ 3V no more than 120 mA @ 12V
battery life	up to 5 years
maximal running time of the audible alarm on batteries	300 operations for 2 minutes each
Sound pressure level at 1 m	113 dB
Operating temperature range	from -30°C to +50°C
IP Code	IP65
Case color	white
Dimensions	167 x 120 x 38 mm
Weight	0,64 kg
Volume levels, adjustable	3
Light indication, adjustable	built-in indicator

For more information on setting up and operating the device, please visit www.maks.systems

Functional parts of the device



1. Siren case
2. Light indicator
3. Tamper plate
4. Resonator openings
5. Locking screw
6. Case back cover
7. Power supply connector
8. On/off button

Indication

Standby mode - indicator off

Alarm mode - light indicator flashes red, the alarm sounds

Arming confirmation - short beep. Turn on the built-in indicator for 15 seconds (if configured)

Armed state - flashing of the built-in indicator every 10 seconds (if configured)

Disarm confirmation - two short beeps

Disarming the partition in which was alarm - four short beeps

Display in communication test mode

Excellent connection - LED indicator flashes green

Normal connection - LED indicator flashes yellow

Poor connection - LED indicator flashes red

No connection - LED indicator flashes red quickly

In test mode, the unit's radio transmitter operates at medium power.

Registration and setup

1. Place the siren at a distance of no more than 1 m from the MAKS PRO security center. Registration is run at a minimal possible power to avoid the influence of neighboring systems that can be being configured nearby.
2. Start the MAKS SETUP application
3. Follow the application instructions to connect to the MAKS Siren Outdoor and start the registration of MAKS wireless devices
4. Turn on the MAKS PIR, after 10-20 seconds it will be registered
5. Set up a new device in your mobile application

Installation and connection

Before installing the MAKS Siren Outdoor, register it in the MAKS PRO and test the siren signal level using the MAKS Setup app.

We recommend to install the device in the following order:

1. Selecting the installation location with the best signal
2. Mounting the backplate
3. Siren installation

Selecting the installation location

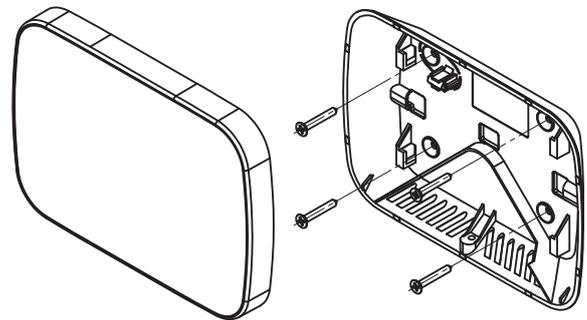
Carefully select the installation location of the MAKS Siren Outdoor.

The device should not be placed:

1. In places with a high level of radio interference
2. Near objects that can cause radio signal attenuation or shielding (metal, mirrors, etc.)
3. At a distance of less than 1 m from the security center

Device installation

1. Unscrew the locking screw **5**
2. Move the siren upwards
3. Remove the MAKS Siren from the backplate
4. Fit the backplate on the selected place with the screws and wall plugs provided.
5. Place the siren on the bracket and slide it down to lock the tamper contact. Flashes of indicator **2** will confirm that the tamper is locked in place.
6. Use the locking screw **5** to fix the bottom and top parts.



Battery replacement

Warning!!! Observe polarity!

1. Unscrew the locking screw **5** and remove the device from the backplate
2. Unscrew screws and remove case back cover
3. Pull out and replace the batteries
4. Reassemble the device
5. Place the siren on the bracket and slide it down until it locks
6. Use the locking screw **5** to fix the bottom and top parts.

Switching on and off

Press button **8** to switch on the device - the indicator will be on and you will hear a sound signal.

To turn off the device, press and hold button **8** for 3 seconds, until the light indication goes out.