MAKS KEYPAD MINI
WIRELESS MINI KEYPAD

MAKS

- ergonomic miniature keypad
- elegant design, slim profile
- available in two colors
- security modes management
- numeric keys
- 868,0 ... 868.6MHz, several channels for redundancy, range up to 2000 m
- two AAA batteries (LR03)
- up to two years' service life
- easy and fast installation

The wireless keypad is designed for arming and disarming, displaying alarms and device status, as well as interaction with the user of the alarm system.

Radio communication

Keypad 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 grades of power, maximum - up to 20 mW.

Keypad usage

Enter the user code and select an action by clicking the appropriate button: ⚫ (Arming), ⊘ (Disarming) or ◌ (Partially arming).
After the first digit of the code is pressed, LED indicators will be activated.
Erroneous digits can be reset with the ⇐ ("Cancel") button.

To view the indication press OK key to activate the keypad.

User code changing

To change your code, press and hold the OK button until beep.
Press key 4 and enter your current code and then enter the new code twice.

Duress code

System automatically creates duress code for each user code. Duress code works as normal but generates silent alarm being entered.
The last digit of duress code is greater than last digit of normal code by one.
For example: normal code – 258238 and duress code – 258239,
normal code – 182479 and duress code – 182470.

Keypad locking

The keyboard will be locked for 10 minutes after the fifth attempt to enter an wrong code.

Characteristics

ISM wireless interface, up to 2000 m	868.0... 868.6 MHz
secure two-way communication	key - 256 bits
Power (alkaline batteries included)	3V, two AAA batteries, type LR03
consumption in standby mode	< 30 µA
consumption in active mode	< 60 mA
service life of battery	up to 2 years
Operating temperature range	from -10°C to +55°C
Case color	white, black
Dimensions	84.5 x 84.5 x 14.6 mm
Weight	75 grams

Setting

The keypad operates only with the MAKS PRO wireless security center, connection to other systems is not provided.
The keypad connects to the security center and is configured using the MAKS SETUP mobile application.
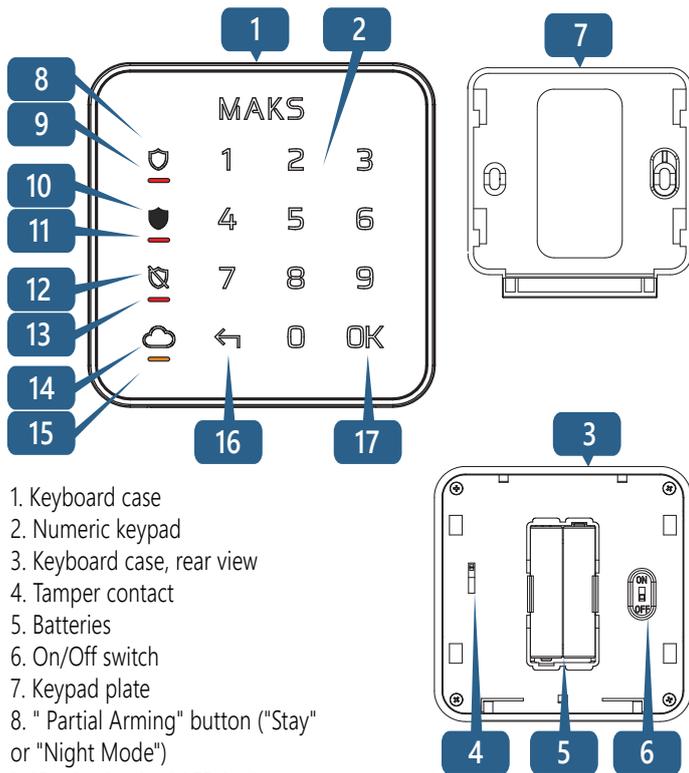
Batteries

The device uses AAA batteries

Lithium batteries (FR03)	Usage allowed
Alkaline batteries (LR03, alkaline)	Included
Salt batteries (R03)	**Do not use!**

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

Functional parts of the device

1. Keyboard case
2. Numeric keypad
3. Keyboard case, rear view
4. Tamper contact
5. Batteries
6. On/Off switch
7. Keypad plate
8. " Partial Arming" button ("Stay" or "Night Mode")
9. "Partial Arming" LED indicator
10. "Arming" button
11. "Arming" indicator
12. "Disarming" button
13. "Ready" LED indicator
14. "Info" button with reprogramming capability
15 "Info" LED indicator
16. "Cancel" button
17. "OK" button - additional actions

Indication

Disarmed - "Arming" ⛉ and "Partial Arming" ⛊ indicators are switched off
"Stay" armed - "Partial Arming" ⛉ indicator is red
Arming - "Arming" ⛊ indicator is on
Entry delay - "Ready" ⛒ indicator flashes green, keypad emits short beeps
Not ready for arming - "Ready" ⛒ indicator is orange
Ready for arming - "Ready" ⛒ indicator is green
Exit delay - "Ready" ⛒ indicator flashes green, keypad emits short beeps
Alarm - "Arming" ⛊ and "Partial Arming" ⛉ indicators flash red
User is authorized, there are troubles - "Info" ☁ indicator is yellow
User not authorized yet - "Info" ☁ indicator flashes yellow
The keypad is locked - a long beep on pressing any button

Switching on and off

Set switch **6** to "ON" to turn on the device. If the device is registered in MAKS PRO, it switches to standby mode. If the device has not been registered, it will go into sleep mode after 30 seconds.
To turn off the device, set switch **6** to "OFF"

Battery replacement

1. Use a plastic card to remove the device from the mount
2. Pull out and replace the batteries
3. Place the keypad on the back plate and slide it down until it locks

Installation and connection

Before installing the MAKS Keypad mini, register it with MAKS PRO and test the keyboard signal level using the MAKS SETUP app.

We recommend to install the keypad in the following order:
1. Selecting the installation location with the best signal
2. Installation of the back plate
3. Keypad installation
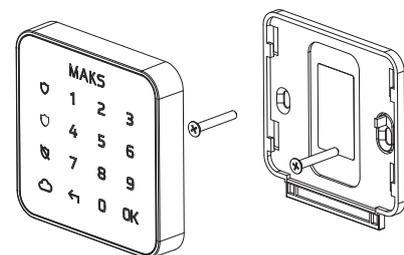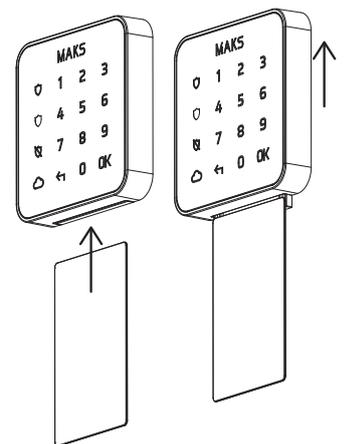
Selecting the installation location

Carefully select the installation location for the MAKS Keypad mini.

The device cannot be placed:
1. Outdoors or in areas with unacceptable humidity and temperature
2. In places with a high level of radio interference
3. Near objects that can cause radio signal attenuation or shielding (metal, mirrors, etc.)
4. At a distance of less than 1 m from the security center

Keypad installation

1. Use a plastic card to remove the device from the plate
2. Insert the card into the slot
3. Press down on the fixation elements with the card
4. Move the keypad up
5. Remove the MAKS Keypad mini from the back plate
6. Fit the rear plate **7** using the supplied screws and wall plugs.
7. Place the device on the rear plate **7** and slide it down to fix it and lock the tamper contact **4**. Flashes on indicator **15** will confirm that the tamper is locked

Registration and setup

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