

MAKS KEYPAD

WIRELESS TOUCH KEYPAD

MAKS

- premium touch keyboard
- controls four partitions (security groups)
- buttons for direct partitions control
- available in two colors
- numeric keys
- 868,0 ... 868.6MHz, several channels for redundancy, range up to 2000 m
- four AAA batteries (LR03)
- up to 2 years of operation
- 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 partition (security group): 1 - , 2 - , 3 -  or 4 - . Then press an action 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)	four AAA batteries (LR03) 1.5V
consumption in standby mode	not more than 30 µA
consumption in active mode	not more than 80 mA
service life of battery	up to 2 years
Operating temperature range	from -10°C to +55°C
Case color	white, black
Dimensions	167 x 120 x 15 mm
Weight	250 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.



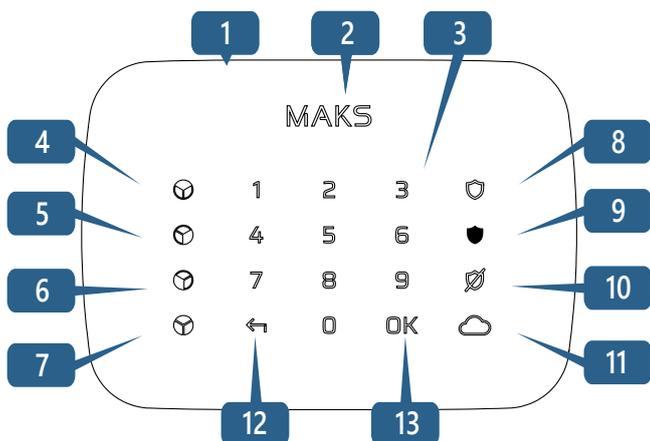
Batteries

The device uses AAA batteries

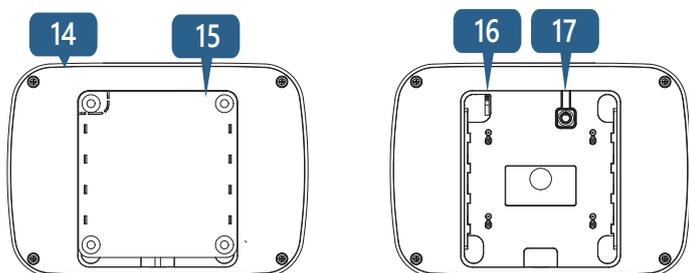
Lithium batteries (FR03)	Usage allowed
Alkaline batteries (LR03, alkaline)	Included
Salt batteries (R03)	Do not use!

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

Functional parts of the device



- | | |
|---|---|
| 1. Keyboard case | 10. "Disarming" button |
| 2. Indicator "MAKS" | 11. "Info" button with reprogramming capability |
| 3. Touch surface | 12. "Cancel" button |
| 4. Indicator button "Partition 1" | 13. "OK" button - additional actions |
| 5. Indicator button "Partition 2" | 14. Keyboard case, rear view |
| 6. Indicator button "Partition 3" | 15. Mounting plate |
| 7. Indicator button "Partition 4" | 16. Tamper contact |
| 8. "Partial Arming" button ("Stay" or "Night Mode") | 17. On/Off switch |
| 9. "Arming" button | |



Indication

- User not authorized yet** - "MAKS" indicator flashes
- User is authorized** - "MAKS" indicator is on
- Partition is armed** - indicator of partition (4, 5, 6 or 7) is red
- Partition is partially armed** - indicator of partition (4, 5, 6 or 7) is red
- Partition is ready for arming** - indicator of partition (4, 5, 6 or 7) is green
- All partitions are ready for arming** - indicators of partitions (4, 5, 6 and 7) are green
- All partitions are armed** - indicators of partitions ((4, 5, 6 and 7) are red
- All partitions are partially armed** - indicators of partitions (4, 5, 6 and 7) are red
- Partition is not ready for arming** - indicator of partition (4, 5, 6 or 7) is yellow
- Partition is not ready for arming, there are troubles** - indicator of partition (4, 5, 6 or 7) flashes yellow
- Entry or exit delay** - indicator of partition (4, 5, 6 or 7) flashes green, keypad emits short beeps
- Alarm** - indicator of partition (4, 5, 6 or 7) flashes red
- System alarm** - indicators of partitions (4, 5, 6 and 7) flash red
- The keypad is locked** - a long beep on pressing any button

Installation and connection

Before installing the MAKS Keypad, 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

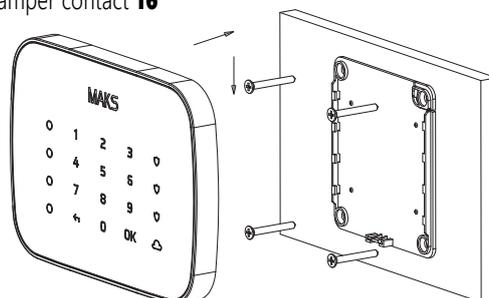
Carefully select the installation location for the MAKS Keypad.

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. Slide the mounting plate **15** down and disconnect it
2. Fit plate **15** on the surface (e.g. on the wall), using the screws and plugs included in the kit.
3. Place the device on mounting plate **15** and slide it down to fix it and lock the tamper contact **16**



Switching on and off

Press button **17** 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 press and hold button **17** for 5 seconds, until you hear the sound signal.

Registration and setup

1. Place the keypad at a distance of no more than 2 m from the MAKS PRO security center. Registration is run at 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, after 10-20 seconds it will be registered
5. Set up a new device in your mobile application

Battery replacement

1. Remove the device from the mounting plate
2. Unscrew and remove the case back cover **14**
3. Replace the battery and reassemble the device