



EKSELANS BY ITS

KB TG-2

Wireless RFID Keypad

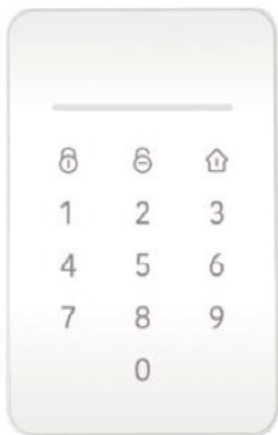
User manual



Features

Thank you for purchasing this wireless keypad. It is recommended to install closed to the entry door inside, so users can achieve operations such as arm, disarm, home arm after inputting passcode or by scanning the RFID tags. This keypad is recommended to use with the Entry Delay feature of the smart alarm system, to avoid triggering alarm before disarming from keypad after entering the house. The operations are quite easy, just input the passcode then press [Arm]/[Disarm]/[Home Arm] key, or put RFID tag close to the surface of the keypad to disarm the system.

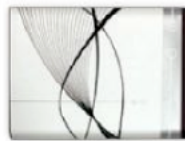
Parts List



Keypad X 1



Wall Mount Bracket
X 1

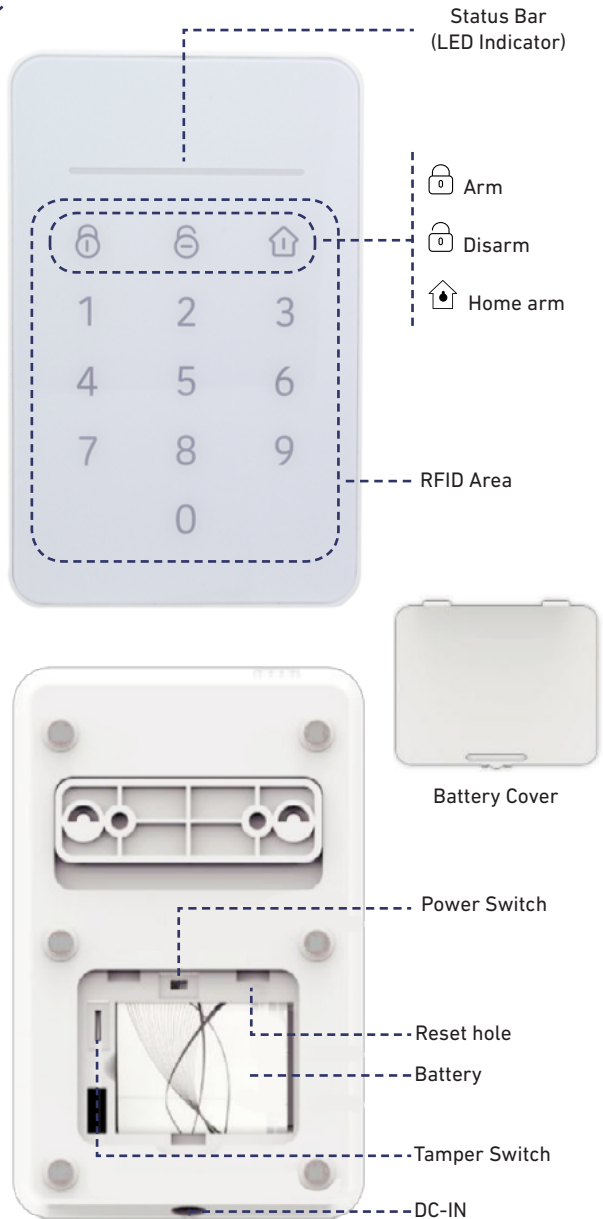


Rechargeable
Lithium-ion Battery
X 1



AC/DC Power
Adapter X 1

Appearance



Preparation before Use

1. Make sure the battery has been installed correctly.



2. If you are using it for the first time, please connect the keypad to the power adapter.



3. Turn on the power switch under the battery cover.



Pairing the Keypad with the Main Box

Scan QR Code

Learn Mode

1. Reset the keypad until the status bar is flashing in 3 colors.
Please keep the keypad powered on and lighted up during the whole pairing process.

2. Launch the App, In the accessory management section, tap [Add Accessory]

2. Launch the App (For networking alarm system) or PC client (For GSM alarm system only) to enter the Learn Mode

3. Scan the QR Code on the back of the keypad.

3. Press 1234 + Arm to send signal to the system.

4. Follow the guideline in App and save the settings.

4. Follow the guideline in App and save the settings.

The keypad will beep once when the pairing process is finished.

Pairing the RFID Tag with the Main Box

Scan QR Code

Learn Mode

1. Make sure the keypad has been paired with the system.

2. Launch the App, In the accessory management section, tap [Add Accessory]

2. Launch the App (For networking alarm system) or PC client (For GSM alarm system only) to enter the Learn Mode

3. Scan the QR Code on the back of the tag.

3. Read the RFID tag by waving it closing to the button area until hearing a beep sound.

4. Follow the guideline in App and save the settings.

4. Follow the guideline in App and save the settings.

You can try disarming the system by reading the RFID tag via keypad after pairing, to check if the tag has been correctly paired.

Usage

Activate Panel

1. When the keypad is in sleep mode, touching any button of the keypad could activate the keypad.
2. After being activated, the keypad would synchronize the real-time status with the alarm system immediately, the result would be represented by the status bar.
3. When there is no operation on the keypad, it will sleep within 10 seconds.
4. When the keypad is sleeping, it will not react to any signal sent from the system until the next activation.

Why sleep?

Since this keypad is designed to be able to work with battery only, sleeping is the solution for long-time use.

When the power adapter is connected, it starts providing power and charging the battery. With the help with over-charging protective circuit, we recommend users to keep the adapter connected while using.

Arm/Disarm/Home Arm

Input the operation code, and press **[Arm]** **[Disarm]** or **[Home Arm]** key. The status bar would flash once and then change the color as following pattern after command is executed correctly.

[Arm] : Red

[Disarm] : Green

[Home Arm] : Blue

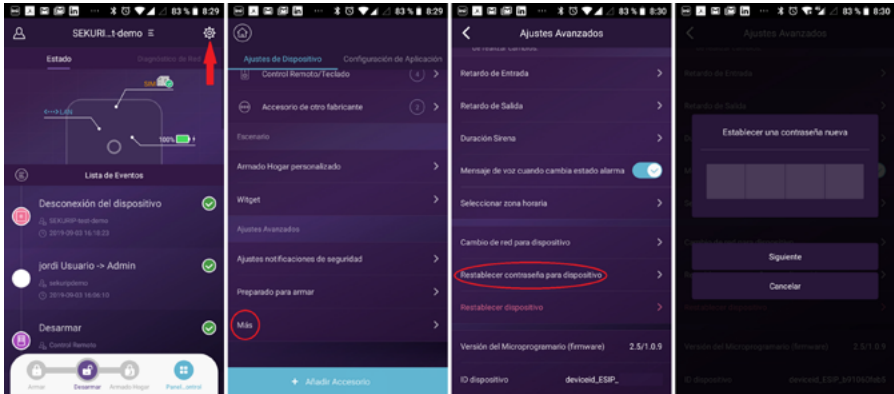
Note: The operation code is saved in the main panel, which can be modified by App/PC client. For GSM model, the keypad operation code is the same as Administrator Password (1234 by default). For networking model, the keypad operation code is the same as Device Password (1234 by default).

Read the RFID tag on the keypad panel, the system would Disarm immediately if the tag is paired before.

Once the system is in SOS status and the keypad is activated, the status bar would be red-flashing and the keypad would generate beep alarm sounds for 1 minute.

Change of password

To change device password proceed as follows:



Care & Maintenance

Usage Notices

- The keypad should be connected to control panel before use.
- The power supply of keypad will probably impact on the transmitting distance of wireless signal.
- The keypad is compatible for most of our alarm system, contact the distributor for more detail.
- Please make sure the battery has been inserted into the keypad before use.
- The keypad is neither waterproof nor moisture-proof, please install it in a shady, cool and dry place.
- Install the keypad away from objects such as heater, air conditioner, microwave oven etc. that produces heat or electric-magnetic.
- Take the keypad for disposal of recycling according to the local regulation.
- Do not take apart the product if you are not a professional technician.

Maintenance

- You can get most dust or fingerprint off with a dry, soft cloth or tissue.
- If there is dirt on the keypad, please wipe the surface by a soft cloth with a little dilute alkaline detergent and then wipe again with a dry cloth.

FAQ

Problem	Cause	Solution
No response from keypad	Low Battery	Please connect the power adapter Low Battery to charge the battery.If the problem is no solved, please contact the distributor for more help.
	Wearing Gloves	Take off the glove and try pressing the keypad again.
Keypad can't be paired with the system	No response from the alarm system.	Make sure the alarm system is power ON and the App or PC client has already connected to the system. If you were using the scanning QR code to pair with, try using Learn No response from the alarm system. Mode to see if there's any error in the QR code. Always make sure the location the keypad installed can be covered by the RF signal sent from the alarm system. You can use a paired remote controller to do some tests.
Can't disarm by the RFID tag.	The RFID tag hasn't been paired with the alarm system.	Using the App/PC client to pair the RFID tag with the system.
	Keypad is in power saving mode.	Touch any button of the keypad to wake it up.
[Arm] [Disarm] [HomeArm] error	Wrong operation password	Please input the right code. Users can modify the operation code in App or PC client.

Technical Specifications

System Preference	
Working Humidity	<=96 %
Working Temperature	(0- 60) °C
Power IN	DC Jack. 5V2A
Battery	Lithium-ion Battery, 890mAH
Wireless Frequency	433,92 MHz
Wireless Range	Without obstacle 200m
Standby Time	6 months for daily use(8 times a day, Every times 30 seconds)
Weight	162.3g with backup battery
Dimension	Alt: 145 mm, Anch: 92,1 mm
Status Bar	1 bar, 3 color(RED/GREEN/BLUE), upon the button area.
Power Switch	X1, in battery cover.
Reset Button	X1, pin hole, in battery cover.
Buttons	13
RFID Area	All area around the buttons in front.
Materials	FRONT : PC BACK : Non glassy surface to avoid scratches WALL BRACKET : Non glassy surface to avoid scratches
Wall Mounting	Using Mounting Bracket
Features	
Power Saving	Supported, in battery only mode, the realtime status would be updated only when keypad is activated.
Pairing	Supports scanning QRCode or Learn Mode for pairing new one.
Low Battery Warning	Supported. Color indicated, send signal to main box.
Tamper Alarm	Supported
RFID Disarm	Supported, up to 99 RFID tags.
Reset	Supported



EKSELANS BY ITS

EKSELANS by ITS

ITS Partner O.B.S. S.L

Av. Cerdanyola 79-81 Local C

08172 Sant Cugat del Vallès

Barcelona (Spain)

Tel: +34 935839543

info@ek.plus

www.ek.plus