

SZ-KFB01 ZigBee Key Fob Manual / Installation Guide

SZ-KFB01 is a professional security token with built-in authentication mechanisms. Just use the Key Fobs and users can have security control wherever inside or outside of their homes.

Specification

Frequency	2.4GHz 802.15.4 Zigbee system
Battery Type	DC3V CR2032 * 1
Communication Range	Open Air : 100M (Max)
LED Indicator	Red / Green x 1
Operating Temperature	0° C to 50° C (32° - 122°F)
Storage Temperature	-20° C to 70° C (-4° - 158°F)
Battery Life	2 Years
Keys	<ul style="list-style-type: none"> •  : Arm All •  : Disarm All •  : Reserved •  : Arm Perimeter
Dimension	56 mm x 38 mm x 16 mm (2.2" x 1.5" x 0.6")

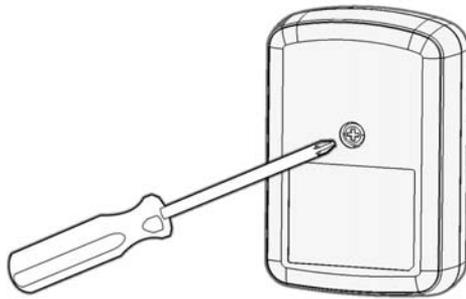
Package Contents



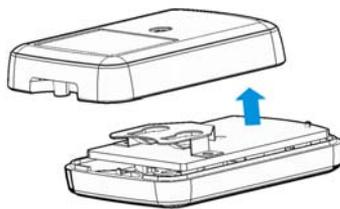
LEDs

Power (Red/Green)	On (Red) - When any key is pressed. Blinking (Red) - The command is being processed (2 times per second). Blinking (Green): <ul style="list-style-type: none">• The LED will blink for 10 seconds when join/leave function is being processed.• The LED will be on for 2 seconds when join/leave function is succeeded and then off.
--------------------------	--

Pre-Installation



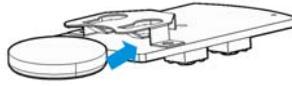
1. Use a Phillips head screwdriver to remove the screw in the back of the device.
2. Remove the back and find the supplied battery.



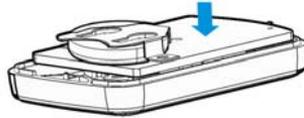
3. Disassemble the circuit board from the device



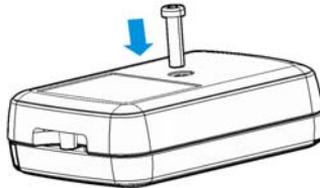
4. Install the supplied battery.



5. Put the circuit board back into the device.

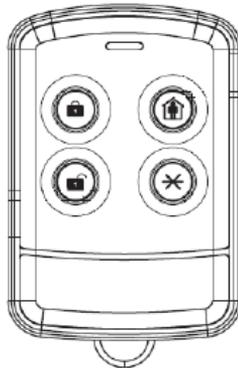


6. Tighten the back and the device with the screw.



7. The device is ready to be added to the ZigBee Coordinator.

Operation



- **Join Function**

For “Join” a network, please do the following instruction:

- Put the ZigBee Coordinator into “Permit-Joining” mode.
 - Pressed and hold *Reserved* ✖ + *Arm All* 🗄 button for 1 second. The LED is flashing while processing. If the SZ-KFB01 has been joined with the ZigBee Coordinator successfully, the Green LED will be on for 2 seconds and then off. The Green LED will be off instantly if failed.
- **Leave Function**

For “Leave” a network, please do the following instruction:

- Pressed and hold *Reserved* ✖ + *Disarm All* 🗄 button for 3 seconds to let the SZ-KFB01 be deleted from the ZigBee Coordinator. If the key fob has been deleted successfully, the LED will be on for 1 second and then off.
- **Functions of Keys**

- **🗄 Arm All**

Press this button 🗄 to arm your system in Away mode. Both the interior and exterior zones will be armed, which allows you to exit the premises.

- **🏠 Arm Perimeter**

Press this button 🏠 to arm your system in Stay mode. All perimeter zones will be armed, such as all windows and doors. But the interior zones will remain inactive, which allows you to stay in the premises without setting off an alarm.

- **🗄 Disarm All**

Press this button 🗄 to disarm your system. Do not have to enter the access code when using this key to disarm the system.

Troubleshooting

If the key fob is not working properly during the process, please make sure the battery is installed correctly.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

CE Approval

CE Standards

This product complies with the 99/5/EEC directives, including the following safety and EMC standards:

- EN300328
- EN301489
- EN55022/24

CE Marking Warning

This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.