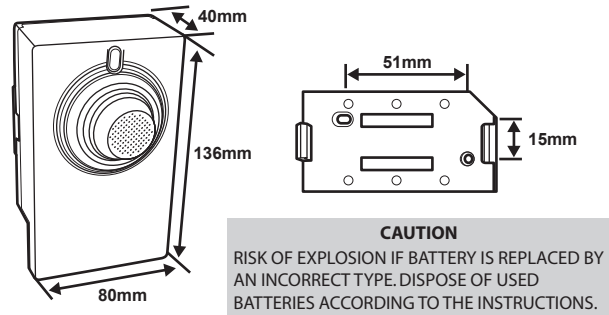




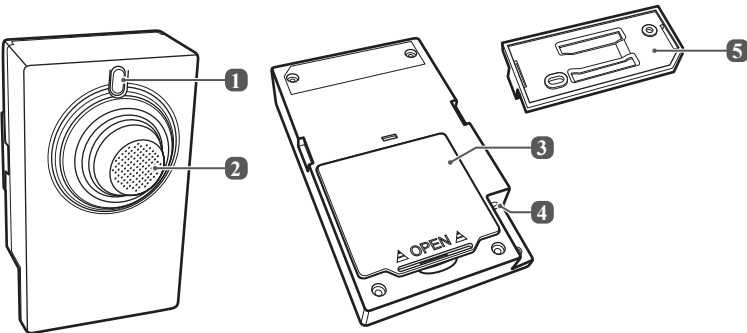
Overview

Name: Wireless Alarm Switch
Power: 5 VDC adapter
Battery Type: 1.5V (AA Alkaline batteries x 4)
Dimension: 80 x 136 x 36 mm (w/o bracket)
80 x 136 x 40 mm (w/ bracket)



Names of Parts

1. Status LED / LED Button
2. Alarm Speaker
3. Battery Cover
4. SET Button
5. Bracket



Features

- ❖ Once the alarm is triggered, the alarm volume is approximately 90dB. To turn off the alarm sound, press the upper LED button.
- ❖ Power Saving – four alkaline batteries can be used for more than 1 year. It is also equipped with the low battery alert function.
- ❖ Easy Setup – simply press the **SET** button on the device to join the system.
- ❖ RSSI Functionality – the signal strength is indicated by its LED indicator and behavior.
- ❖ Tamper-Proof Functionality – the function will be enabled when the device joins to the system. If the device is moved, it will automatically send a signal to the Gateway.

Installation

Device Installation and Binding

1. Mount the bracket at an appropriate location.
2. Turn the device on. To power on the device, do one of the following:
 - i. Plug in the power adapter to the device and the other side to the wall outlet.
 - ii. Install the batteries with the correct polarity (+/-) as shown inside the battery compartment. Then replace the battery cover.**Note:** Do not use rechargeable battery.
3. Short press the **SET** button at the back of the Gateway or Router (Power Switching). Then short press the **SET** button on the device.
The Gateway/Router and the device are joining as both LED indicators blink (around 15 seconds). Wait for few seconds until both LED indicators are turned off, indicating the device binding process is successful.
Note: If the device binding process is failed, both LED indicators on those joined devices will light red once after blinking.
4. Install the device onto its bracket.

Device Deletion

To remove the device binding, press the **SET** button for 5 seconds. The LED indicator blinks green and then turns off. After few seconds, the LED indicator blinks red and then turns off again, indicating the deletion process is complete.

Checking Device Received Signal Strength Indication (RSSI)

Short press the **SET** button on the device twice.
The signal strength is indicated by its LED indicator.

Status	LED Color and Behavior
Good	Blinks green (very quickly) for 15 seconds.
Normal	Blinks green (quickly) for 15 seconds.
Poor	Blinks green (slowly) for 15 seconds. (not recommended)
No Signal	Blinks red for 3 seconds and then turns off. (not recommended)

Notice

- ❖ If any device in the system has low battery alert, the Alarm Switch will trigger the alarm for three seconds and the status LED blinks red. To manually stop the buzzer alarm, push the LED button.
- ❖ Once the alarm is triggered, the alarm volume is approximately 90dB.
- ❖ It is recommended to install the Alarm Switch high on the wall or hide it in/behind an object (i.e. wall paintings), to prevent the intruder from finding the device and destroying it.

Troubleshooting

Problem	Solution
The LED indicator lights red when linking to the system.	a. Make sure the batteries have been properly installed and their power is adequate. b. Reset to factory default, and re-join to the system. c. If the problem persists, please contact your local distributor.
Cannot link to the system.	Check the wireless signal via RSSI and the distance between device and Gateway/Router (line of sight) is 50 meters (max.). If there is any obstructions (i.e. walls or metal objects) between the devices, the distance will be shorter. Users can move the device closer or add a Router, then try again.

Specifications

Wireless Alarm Switch	
Electrical Specifications	
Transmit Frequency	2.4GHz ISM band, IEEE802.15.4: 2405 ~ 2480MHz
Operation Range	Up to 50 meters (LOS)
Operation Voltage	Input : AC 100 ~ 240V , 47 ~ 63Hz at 0.19A MAX Output : DC 5V/0.5A up, 5W MAX
Battery Type	AA Alkaline batteries x 4
Battery Life	Up to 1 year
LED Indicator	Red/Green
Volume	Min. 80dB @ 30cm
Environmental Requirement	
Operating Temperature	0°C to 50°C
Storage Temperature	-10°C to 55°C
Humidity	90% RH Max., Non-Condensing
Mechanical Specifications	
Dimension (W x H x D)	80 x 136 x 36 mm (without bracket) 80 x 136 x 40 mm (with bracket)
Weight (without battery)	111g
Weight (with battery)	205g



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* Recommended adapter manufacturer/model:

Manufacturer	Model
Adapter Technology Co., Ltd.	STD-05010E
Good Year Technologies Co., Ltd.	GA050010