

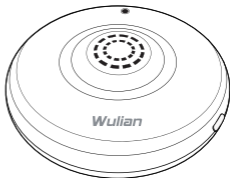
Wulian[®]

ISO9001:2008 Certified

Smart Sound Warner

WL-ZSPCNPW-AL-02

User Manual



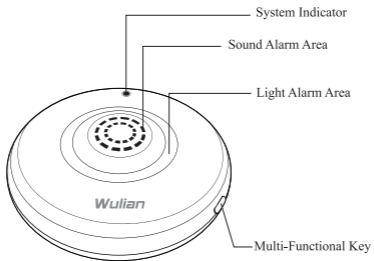
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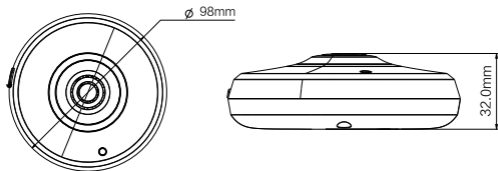
Welcome to Use Smart Sound Warner

- **Wulian** is the registered trademark of Nanjing IOT Sensor Technology Co., Ltd. All the other product names or trademarks mentioned in the manual belong to the trademarks or registered trademarks of the respective possessors.
- Please read this manual carefully to ensure proper and safe use.
- Wulian Smart Sound Warner (hereinafter referred as “this product”) is manufactured by Nanjing IOT Sensor Technology Co., Ltd. (hereinafter referred as “Wulian”) as a product in the category of security. This product shall be used with supplied accessories. Wulian is not responsible for any loss due to improper installation or usage of this product.
- Wulian will update product information in this manual anytime without prior notice. Please pay attention to our information timely.
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- Welcome to visit Wulian official website www.wuliangroup.com for more information.

Product Illustration



Product Size



Features

- Support new IEEE 802.15.4 (HA1.2) wireless communication protocol.
- Linked with other security devices, it could make sound and light alarm when emergency is detected.
- Realize remote monitoring and management via App Client.
- Alarm in a wireless way, quick response, strong anti-interference, low false alarm rate.
- The delicate and stylish exterior design fits into all decoration styles.
- Shell adopts high impact resistance and high temperature resistant material, strong and durable.

Installation Guide

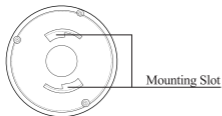
Option One

Installation conditions: It suits the top surface or wall with ceiling mounting holes (about 68mm-80mm in diameter) or can be punched to draw out the power line.

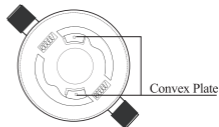
Installation List: Body, Ceiling-Mounted Base

Installation Steps:

1. Aim the Convex Plate on the Ceiling-Mounted Base to the Mounting Slot at the bottom of the Body, turn clockwise after clipping it in.

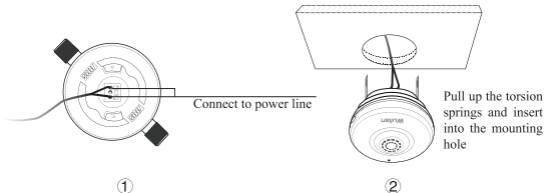


Body



Ceiling-Mounted Base

2.



Note: Cut off electricity before installation. Caution electric shock, operation of non-professionals is strictly prohibited.

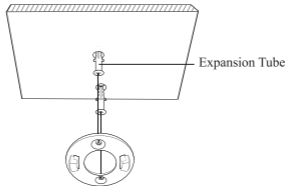
Option Two

Installation conditions: It suits the top surface or wall without ceiling mounting holes (about 68mm-80mm in diameter) or can be punched small holes to draw out the power line.

Installation List: Body, Wall-Mounted Base, Screw, Expansion Tube

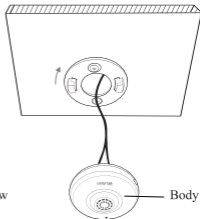
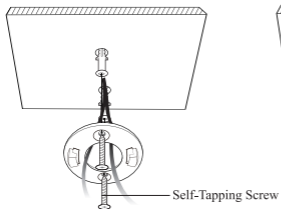
Installation Steps:

1. Make signs in the ceilings or the wall and punch two holes with a drill ($\Phi 4\text{mm}$). Then install two Expansion Tubes.



Note: Use the electric drill ($\Phi 4\text{mm}$) to punch the pre-alignment whose center distance is 40mm and the aperture is 5mm.

2. Fix Ceiling-Mounted Base with two screws and connect the Power Cord to the body. Then clip the Mounting Slot of the Body in the wall type Convex Plate of the Base accurately.



Option Three

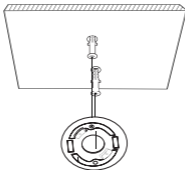
Installation conditions:

It suits the top surface or wall without ceiling mounting holes (about 68mm-80mm in diameter) and can be punched, power line cannot be drawn from the wall but from the side.

Installation List: Body, Ceiling-Mounted Base (without torsion spring), Screw, Expansion Tube

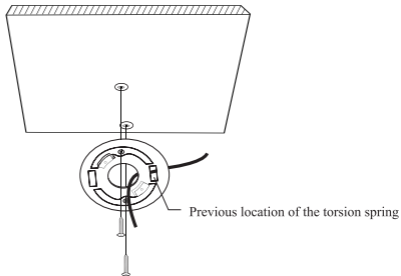
Installation Steps:

1. Make signs in the ceilings or the wall and punch two holes with a drill ($\Phi 4\text{mm}$). Then install the two Expansion Tubes.

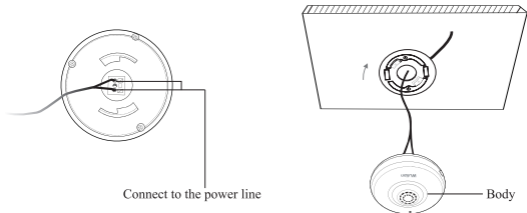


Note: Use the electric drill ($\Phi 4\text{mm}$) to punch the pre-alignment whose center distance is 54mm and the aperture is 5mm.

2. Pass the power line through the previous location of the torsion spring. Fix the Ceiling-Mounted Base on the wall with two screws.



3. Connect the power line to the Body. Then clip the Mounting Slot of the Body in the wall type Convex Plate of the Base accurately, rotate clockwise and engage.



Network Setting

1. Before setting, please make sure the gateway (needs to be purchased) works normally and the ZigBee network indicator flashes, also the product is in a power-on state and within valid communication scope of the wireless gateway.

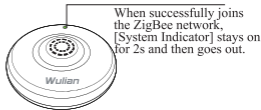
2. Before operating, please make sure the product is not connected to any other gateway; or exit the connecting ZigBee network before networking again (new product can be connected to the network directly).

3. Networking

① First time to join the network

- Allow the gateway for networking (refer to the gateway manual for details);
- When use the product for the first time, power it on and it will apply to join the ZigBee network automatically;
- Then the [System Indicator] flashes while searching for the network;
- When successfully joins the ZigBee network, the [System Indicator] stays on for 2 seconds and then goes out.

[System Indicator]
flashes while searching
for the network

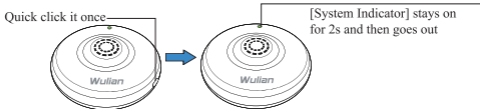


When successfully joins
the ZigBee network,
[System Indicator] stays on
for 2s and then goes out.

②Join the network manually

- Quick click [Multi-Functional Key] once, then the [System Indicator] flashes while searching for the network;
- When successfully joins the ZigBee network, the [System Indicator] stays on for 2 seconds and then goes out.

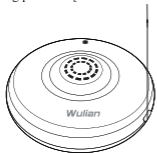
Note: Quick click the [Multi-Functional Key] one time and [System Indicator] flashes once to indicate successful networking.



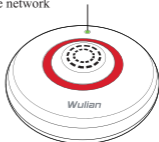
4. Exit Setting

- Long press the [Multi-Functional Key] 6s and loose it;
- Then the [System Indicator] flashes 4 times regularly and goes out to exit the current ZigBee network.

Long press the [Multi-Functional Key] for 6s



[System Indicator] flashes 4 times to exit the network

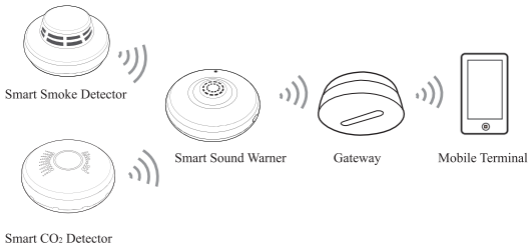


Note:

If the device cannot join the ZigBee network after the operations above, please follow the following steps (please make sure the gateway is allowed for networking): ①exit the network (refer to Exit Setting for details); ②wait for 2s and quick click [Multi-Functional Key] once to join the network.

User Guide

1. This product can interwork with Smart PIR Motion Detector, Smart Flammable Gas Detector, Smart Smoke Detector and other security devices. When abnormality is detected, Light Alarm Area flashes red quickly and Sound Alarm Area sounds alarm. Meanwhile, App client would receive notifications immediately.
2. This product could be controlled by multiple mobile smart terminals.



Cautions

- Make sure the external power supply for this product is firmly connected and well-ventilated.
- This product is designed for indoor use. Do not use it outdoors.
- Do not drop this product high in the air or smash it in case of affecting the service life.
- Please do not disassemble or refit this product or its accessories.
- If the product breaks down, please send it to local service center for repair or contact our customer service staff. Non-professionals cannot handle it personally.

Electrical Parameter

Communication Mode	IEEE 802.15.4 (ZigBee/HA1.2)
Antenna Configure	Internal Antenna
Power Parameter	100-240V AC, 50/60Hz
Standby Power Consumption/Max	$\leq 0.3\text{W}/2\text{W}$
Alarm Decibel	$\geq 85\text{dB}$ at 1m

Structure Parameter

Overall Size (Diameter * Thickness)	Φ98x32 (mm)
Material & Color	PC, White
Flame Retardant Rating	UL94 V-0
Working Temperature	-10 ℃~+45 ℃
Working Humidity	≤95%RH (Noncondensing)
Installation Method	Ceiling Type
Net Weight (g)	90 (g)
Storage Temperature	-20 ℃~+60 ℃

Purchasing Information

Name	Smart Sound Warner
Model	WL-ZSPCNPW-AL-02
Material & Color	PC, White

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