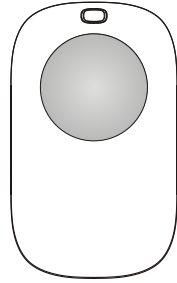


Adding and Deleting Accessories

Plug-in Wireless Signal Repeater

RT-101

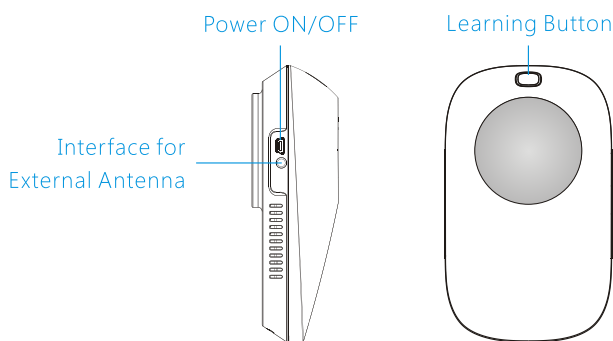
User Manual



Descriptions

The repeater is a wireless signal relay transmission device. With MCU technology, it can decode the signal in the air and strengthen the transmitting power to extend the transmission distance range. Failure to receive signal to panel from wireless accessories is frequently happened due to the long distance range when the remote controlling or wireless alarm systems are applied to large scale of commercial tall buildings, villa, and industrial areas. This wireless signal repeater could solve this problem and further distance range signal transmitting could be achieved.

Appearance



LED Light Indication

Green: Power indicator
Blue: Signal transmission indicator

Green and Blue flash in turn: under learning or deleting accessories status

When adding or deleting accessories, you should make this repeater in learning or deleting accessories status. Firstly, turn the switch from OFF to ON (If the repeater is in ON status, switch it to OFF first and then switch it to ON), the repeater will enter learning or deleting accessories status for one minute while the green and blue light flash in turn.

Adding Accessories

When the repeater is in learning or deleting accessories status, press the learning button once on the repeater, then trigger the wireless sensors once (For example, press any button on the remote control or separate the transmitter and magnet of the door contact), the blue indicator lights up for 2 seconds then goes off. The repeater has connected with the accessory successfully. If you need to add another accessory, please repeat above operation.

Note: If the repeater does not receive the signal from the wireless accessories within one minute, it will exit learning or deleting accessories status automatically.

Deleting Accessories

When the repeater is in learning or deleting accessories status, hold the learning button for 5 seconds, the blue indicator lights up for 2 seconds and then goes off. The repeater has deleted all learned wireless accessories successfully.

Specifications

Power Supply: AC 110V-240V, 50/60Hz
Wireless Transmitting Range: $\leq 300\text{m}$
Wireless Receiving Range: $\leq 90\text{m}$
Radio Frequency: 315MHz or 433MHz ($\pm 75\text{KHz}$)
Static Current: 15.5mA
Transmitting Current: 1.1A
Maximum Accessories Supportable: 40 PCS
Back-up Battery: 3.7V 600mAh Lithium Battery, 2.22Wh
Housing Material: ABS plastic
Operation Condition:
Temperature: $-10^{\circ}\text{C} \sim 55^{\circ}\text{C}$
Humidity: $\leq 80\%$ (non-condensing)
Dimension(L x W x H): 140x86x87mm