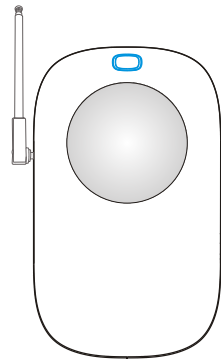


## Plug-in Wireless Signal Repeater

# RT101

User Manual



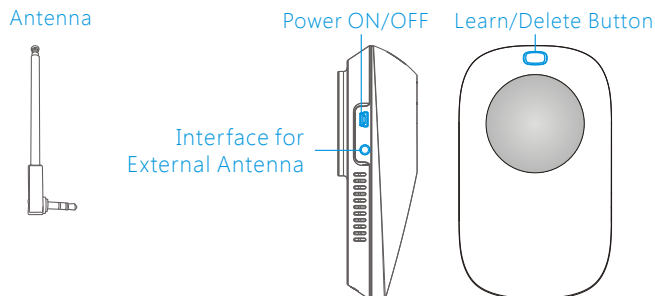
### Description

The RT101 Plug-in Repeater Unit is designed to increase the transmission range of your alarm system. The Repeater receives the signal from a distant Transmitter (e.g. a PIR or Door/Window Sensor or Remote Control, etc) and re-transmits the signal to your Receiver (e.g. a Control Panel, Solar Siren, etc).

The Repeater Unit is suitable for use with any miGuard 433MHz Alarm System.

Ideally, the Repeater Unit should be installed mid-way between the Transmitting Device and the Receiver (Control Panel).

### Appearance



**Note:** For optimum performance extend the antenna

### LED Indication

Green LED on: working status

Blue LED flashes once: signal transmitting

Green and blue LEDs flash alternately: in learn/delete mode

### Adding and Deleting Accessories

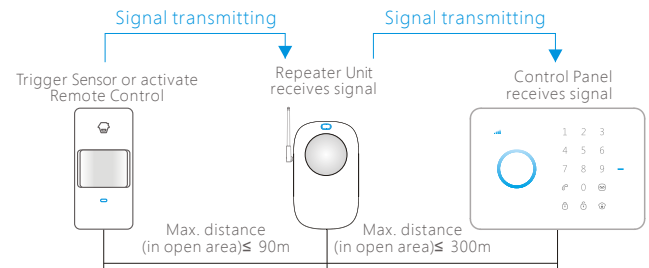
When adding or deleting accessories, the Repeater Unit must be in learn/delete mode. Firstly, turn the switch from OFF to ON (if the Repeater is in ON mode, switch it to OFF first and then switch it to ON), the Repeater will enter learn/delete mode for one minute, as indicated when the green and blue LEDs flash in turn.

### Extend Transmission Distance Between Accessories and Control Panel

When the Repeater Unit is in learn/delete mode, press the learn/delete button, then trigger a Wireless Sensor (e.g. press any button on the Remote Control or trip the Sensor). The blue LED lights up for 2 seconds and goes off, then the Repeater Unit goes back into learn/delete mode and the blue LEDs flash alternately. You can repeat the above operation to add more accessories.

**Note:** If the Repeater Unit exits learn/delete mode, switch off and then switch on the Repeater to re-enter the learn/delete mode. Then repeat the above operation to add more accessories.

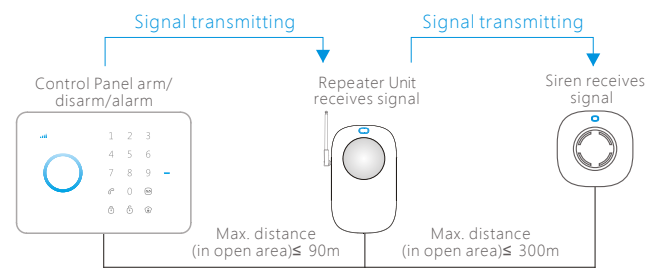
#### Workflow:



### Extend Transmission Distance Between Control Panel and Siren

When the Repeater Unit is in learn/delete mode, press the learn/delete button. Press the ARM button on the G5 Control Panel, for all other System Control Panels press the SOS Button, successful connection of the Repeater Unit to the Control Panel is made after the blue LED lights up for 2 seconds and goes off, and then the green and blue LEDs flash alternately.

#### Workflow:



### Deleting Accessories

When the Repeater Unit is in learn/delete mode, press and hold the learn/delete button for 5 seconds, the Repeater Unit disconnects from all accessories after the blue LED lights up for 2 seconds and goes off. Then the green LED stays on.

### Specifications

**Power Supply:** AC 110V-240V, 50/60Hz

**Wireless Transmitting Range:** ≤300m

**Wireless Receiving Range:** ≤90m

**Radio Frequency:** 315MHz or 433MHz (±75KHz)

**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°C ~ +55°C

Relative Humidity: ≤80% (non-condensing)

**Dimension(L x W x H):** 140x86x87mm

## GUARANTEE

The product is guaranteed for one year from the date of purchase against faulty materials and workmanship. No liability can be accepted for any problems caused by fair wear and tear, buyer's negligence, improper fitting or use, wilful or accidental damage, or any consequential loss or damage howsoever caused. This guarantee does not affect your statutory rights and is valid for UK and EIRE only.

If you believe the product to be faulty or in the unlikely event of the product developing a fault during the warranty period, then please contact our Technical Support Team (contact details shown below) for product assistance. Product repair or replacement will be offered for faulty products only with our prior agreement. Should you need to return a product then:

1. Contact the Helpline on the number below to obtain a Return Authorisation Number
2. Return your product adequately packaged, ideally in its original packaging to prevent damage in transit, and include the following:
  - a. A copy of your original invoice/receipt
  - b. A covering letter giving your full contact details, including email address (if applicable)
  - c. A description of the fault or problem

## Disposal and Recycling

Disposal of this product is covered by the Waste Electrical or Electronic Equipment (WEEE) Directive. It should not be disposed of with other household or commercial waste.

At the end of its useful life the packaging and product should be disposed of via a suitable recycling centre. Please contact your local authority or the retailer from where the product was purchased for information on available facilities.



## Customer Helpline

# 0345 257 1000

*" whatever your question, we're just a phone call away "*

lines open 0900 to 1700 Monday to Friday

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