

Wireless 2-Way Indoor Sounder



Model: RWS332

EN

Installation and User Guide

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Introduction

RISCO's new Wireless 2-Way Indoor Sounder combines the most advanced technologies within a contemporary, compact and streamlined design, the ideal choice for homeowners seeking the highest safety standards. The indoor sounder has been designed for use in family homes, apartments or small offices. The indoor sounder is easy to install, and is compatible with all RISCO's wireless systems.

How it works

The principal function of the indoor sounder is to receive local alarms from the system's receiver. The indoor sounder can then alert the occupants of the building about the alarm.

Main Features

- Bi-directional wireless communication
- Simple battery replacement performed by the customer
- 85 dBA piezo sound output with adjustable volume
- Built-in test mode activates self test and alarm-sounding
- Ceiling / wall tamper
- Modern look and feel
- Simple to install with incorporated mounting bracket

Installation and Configuration

The indoor sounder can be assembled on the ceiling or on the wall.

Installing the sounder

1. Select the installation location.
2. Twist and remove the plastic mounting bracket from the sounder (see *Figure 1*).



Figure 1

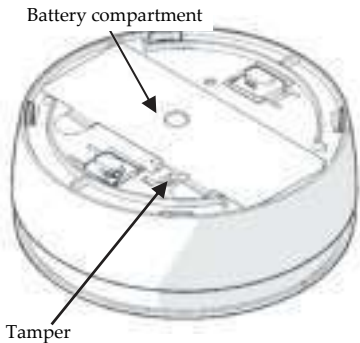


Figure 2

3. Using the mounting holes as a template secure the mounting bracket to the mounting surface (*see Figure 3*).
4. Open the battery compartment cover and connect the battery cable to the battery connector (*see Figure 4*).



Figure 3



Figure 4

5. After a squawk is heard, send an allocation message by pressing the tamper contact for at least 3 seconds (or connect the sounder to the mounting bracket) until the system receiver indicates that it has detected the allocation message. The sounder initiates a second squawk confirming the allocation.

Note: You can also register the sounder by entering the 11-digit serial number.

6. To Install the sounder on the mounting bracket, align the base with the bracket, insert the base hooks fully into the bracket cavities and then turn the detector in the direction of the arrow to secure (see Figure 5).

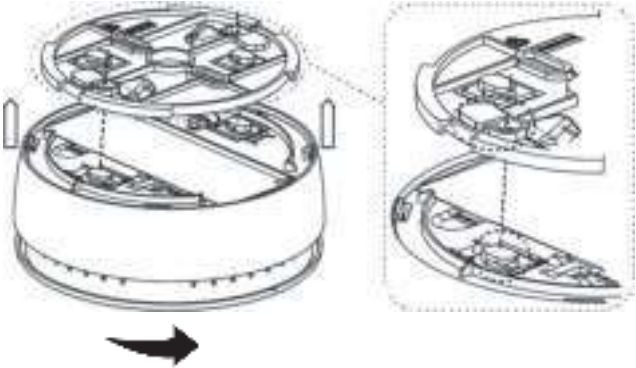


Figure 5

Sounder parameters

The following sounder parameters can be defined from the system receiver:

Parameter	Description
Alarm Volume	Defines the sound produced during an alarm 0-9
Squawk Volume	Defines the sound produced during confirm squawk 0-9
Exit/Entry Volume	Defines the sound produced during exit/entry time 0-9
Supervision Time	Defines the supervision monitoring time 0-255 min.
Pre-alarm	Defines the pre-alarm trigger On/Off

See your system receiver's installation / configuration manual for more information about defining sounder parameters.

Reset button

Pressing the reset button will reset the indoor sounder (*see Figure 6*).

Battery Replacement

To replace the sounder batteries:

Note: To avoid a tamper alarm, enter the system receiver to Service Mode.

1. Remove the sounder from the plastic mounting bracket (*see Figure 1*).
2. Open the battery compartment cover.
3. Remove the battery holder and replace the old batteries with new ones while observing battery polarity (*see Figure 6*).
4. Put back the battery holder.

5. Close the battery compartment cover.

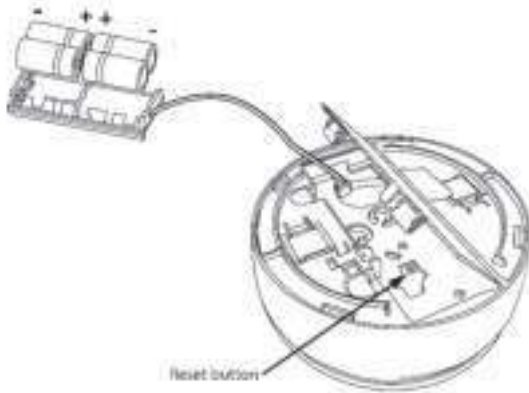


Figure 6

6. Install the sounder on the mounting bracket (see point 6 in *Installing the Sounder*).

CAUTION!

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to local regulations.

Technical Specification

Parameter	Description
Speaker sound level	85 dB at 1 meter
Indicators	Audible (Piezo)
Average power consumption (alarm sounding)	53mA
Quiescent power consumption (non-alarm sounding)	65 μ A
Battery life	3 years (typical)
Battery type	4 x CR123 3V Lithium battery
Low battery threshold	2.5 V
Siren type	Type W indoor sounder
Maximum sounder duration	Up to 5 min.
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)
Humidity during operation	10% to 85% RH, no condensation or icing
Color	White
Dimensions (D x H)	130 x 50 mm (5.11 x 1.96')
Weight	295 g (net)
Supervision monitoring	Approx. every 60 min. (adjustable)
Modulation type	ASK
Wireless trans. power	10mW
Wireless range	Up to 150 m (unobstructed)

Standard Compliance	EN50131-1, EN 50131-4 Grade 2 Environmental Class II
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Ordering Information

Model	Description
RWS332	WL Indoor Sounder, 433.92MHz

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RISCO Ltd., its subsidiaries and affiliates ("**Risco**") guarantee Risco's hardware products to be free from defects in materials and workmanship when used and stored under normal conditions and in accordance with the instructions for use supplied by Risco, for a period of (i) 24 months from the date of connection to the Risco Cloud (for cloud connected products) or (ii) 24 months from production (for other products which are non-cloud connected), as the case may be (each, the "**Product Warranty Period**" respectively).

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Risco does not guarantee that the product will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide adequate warning or protection.

Customer understands that a correctly installed and maintained alarm may only reduce the risk of burglary, robbery or fire without warning, but is not an assurance or a guarantee that such an event will not occur or that there will be no personal injury or property loss as a result thereof. Consequently Risco shall have no liability for any personal injury, property damage or loss based on a claim that the product fails to give warning.

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RED Compliance Statement

Hereby, RISCO Group declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. For the CE Declaration of Conformity please refer to our website: **www.riscogroup.com**

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