SENS

Secure and Safe

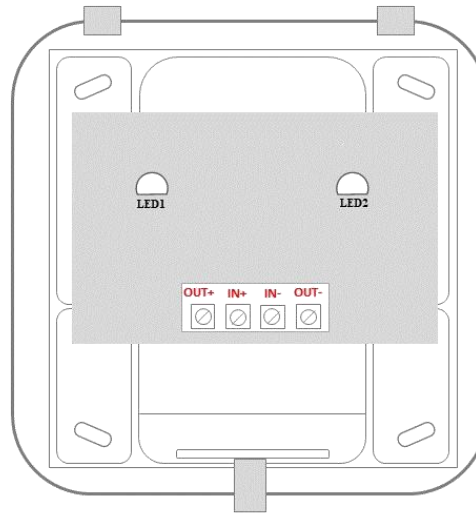### Fire Alarm and Security Systems

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Addressable Remote Indicator
R1-ARI-300

Introduction

The Addressable Remote Indicator R1-ARI-300 is a visual alarm device to indicate the location of a fire incident, powered by the loop. With its high-intensity light, this device can effectively indicate the location of the fire to the user even in a smoky environment.

Installation and Wiring

The wiring of the remote indicator is shown in the figure below.

- Choose a suitable place for installing the remote indicator.

- Separate the back part of the frame from the body.

- Pass the panel loop wires through the base and install them on the wall using the provided screws.

- Connect the loop wires to the terminals on the remote indicator according to the specified polarity, as shown in the figure.

- Place the upper part of the indicator on the base and lock it by aligning it with the corresponding slots.

- If the negative loop input and output are connected to separate terminals on the remote, an internal isolator will be activated. Otherwise, the isolator will remain inactive.

Testing

- Address the remote indicator R1-ARI-300 using a handheld programmer.

- Connect the device to the loop of the SENS addressable control panel.

- Power on the control panel.

- Configure and add the remote indicator in the addressable control panel manually or automatically, following the user manual of the WISE panel.

- Set the panel to the fire mode, if the remote indicator is not disabled from the addressable panel settings, after the fire, it will be activated, and its LED will light up.

- After the panel is reset and the fire incident is resolved, the remote indicator will be disabled, and its LED will turn off.

Technical Specifications

Operating Voltage	27V
Stand-By Consumption	65μA @ 27V
Alarm State Current	5mA @ 27V
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Dimensions	85×85 mm
Weight	50gr

Warranty

Make sure this device is only used with a compatible control panel, and no destructive operations are performed on it, otherwise, it will not be covered by the warranty. Products must be regularly inspected, serviced, and maintained to ensure proper functionality.

Troubleshooting

In case of any issues with the addressable remote indicator, troubleshooting and repair must be done by the after-sales service department of SENS company, or an authorized representative recommended by the company.

Addressable system zone diagram

Detector	Detector	Sounder	Sounder	Call Point	Call Point
Isolator Passive	Isolator Active	Isolator Passive	Isolator Active	Isolator Passive	Isolator Active

Loop

FWD+
FWD-
RET+
RET-

Remote Indicator

Isolator Passive

Remote Indicator

Isolator Active

Output Module	Output Module	Input Module	Input Module
Isolator Active	Isolator Passive	Isolator Active	Isolator Passive

L1   L2
1 2 3 4 5 6 7 8 9 10 11 12