



**HARRINGTON**  
SIGNAL INC.  
**FIRE ALARM**



**IS814**  
Sounder Control Module

Harrington Signal Inc.  
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### Description

The IS814 Sounder Control Module is designed to fit into a 4" junction box. The red indicating LED is visible through the cover plate. The unit monitors and controls one circuit of notification appliances or switches audio to a voice evacuation speaker circuit.

An eight position dip switch allows for setting the device address and whether the notification appliance circuit (NAC) is wired to the module as a Class A (Style Z) or Class B (Style Y) circuit.

This unit requires power from a separate, regulated, power limited 24 VDC supply that is UL Listed for Fire Protective Signaling per NFPA 72.

### Features

- Monitors and controls one circuit of notification appliances
- Eight position dip switch
- Separate, regulated, 24 VDC power
- White polycarbonate housing
- Mounts in 4" box
- Visible red LED

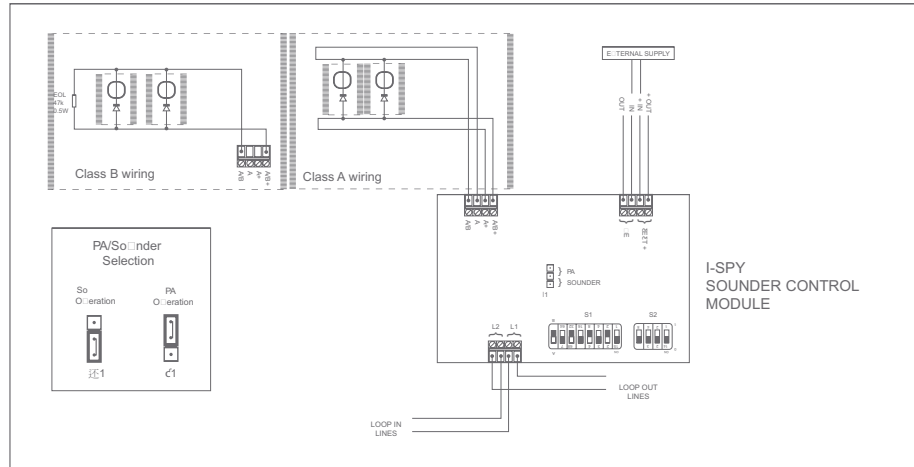


### Ordering Information

Model Number	Part Number	Description
IS814	IS814	Sounder Control Module

## Notes

1. Polarity shown when sounders are DEACTIVATED, supply is reversed when sounders are ACTIVATED,
2. Power supply connected to the SCM should be from the S3000, IPB-3, or independent, regulated, 24VDC, listed for fire protection, with battery backup and power limited per NFPA 72,
3. To replace sounders with 'P.A.' speakers, move Jumper (J1) to disable the module external supply monitoring,



4. When operated in 'P.A.' mode, an Audio Amplifier of 70.7 Vrms MAX should replace external supply, with 1 wire supervision capability as per NFPA,
5. All wiring must conform to applicable local codes, ordinances and regulations. e.g. NFPA 72,
6. Use 47-K, 0.5-W EOL resistor,
7. Select Class A or B mode using Bit 8 of DIL switch,
8. Relay Rating, 2A @ 30VDC; 0.6A @ 125 VAC,
9. Refer to the device's installation instructions for addressing information.

## Technical Specifications

SLC Wiring.....	Two wire supply, polarity insensitive
Supply Voltage.....	16-28 VDC
Current Consumption.....	Normal operation and sounder active 1 mA
Terminations.....	Screw terminals
Alarm Indicator.....	Red LED visible through cover plate
External Power Supply.....	24 VDC regulated, power limited, UL Listed for Fire Protective Signaling per NFPA
Sounder Circuit:	
Relay rated.....	2A @ 30 VDC, 0.6A @ 125 VAC
Style.....	Class A (Style Z) or Class B (Style Y) dip switch selectable
End-of-Line Resistor.....	47K
Speaker Mode.....	Jumper selectable (moving jumper disables power supply supervision) Note: Audio amplifier must have wire supervision capability as per NFPA
Terminations.....	Screw terminals
Operating Temperature.....	0°F to +155°F
Humidity.....	0% to 95% relative humidity
Dimensions.....	4in. x 4in. x 1.3in.
Weight.....	3 oz.
Mounting.....	Centers to fit 4 in. box, NEMA OS-1-1989
Materials.....	Housing/cover plate is White polycarbonate V-O rated to UL 94.

NOTICE: The information contained in this document is intended only as a summary and is subject to change without notice. The devices described in this document have specific instruction sheets which cover various technical, limitation and liability information. Copies of these instruction sheets and the General Product Warning and Limitations Document, which also contains important information are provided with the product and are available from Harrington Signal Inc. Fire Alarm. Information contained in these documents should be consulted before specifying or using the product. For further information or assistance concerning particular problems contact Harrington Signal Inc. Harrington Signal Inc. Fire Alarm reserves the right to change specifications without notice. Quality manufactured for Harrington Signal by Apollo