

Ancillary Base Sounder ESI-10

Instruction Sheet
R10045GB1



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Contents

1	Ancillary Base Sounder ESI-10.....	4
1.1	Electrical considerations	4
1.2	Tone frequency and volume control.....	4
1.3	Addressing	4
2	Schematic Diagram & Wiring Connections	5
2.1	Product codes	5

1 Ancillary Base Sounder ESI-10

The Sounder Base and Sounder Visual Indicator Base are a local-area alarm devices designed for indoor use. They can be connected only to detection systems using Intellia detectors and FDP control panels with appropriate software. The Intellia series of products are all compatible with the ALC-board of an FDP-panel.

The Ancillary Base Sounder ESI-10 (FFS06728010, FFS06728010SA) is a local-area sounder designed for indoor use. It can be connected only to detection systems using Intellia detectors and FDP control panels with appropriate software.

The sounder incorporates a base into which a loop powered visual indicator or an Intellia detector is fitted. It is powered by the control panel via the loop wiring to which it is connected. Since the sounder is switched by the remote indicator output of the associated detector or visual indicator no remote indicator facility is available.

A guaranteed sound output of 85 dB(A) at 1 meter is achieved at a current consumption of only 3 mA. The sounder generates very low current noise so that up to 126 sounders may be connected to a loop.

In order to determine the exact number in a loop please use the Loop Calculator program.

1.1 Electrical considerations

The Ancillary Base Sounder ESI-10 is loop-powered and requires no external power supply. It operates at 17 – 28 VDC.

1.2 Tone frequency and volume control

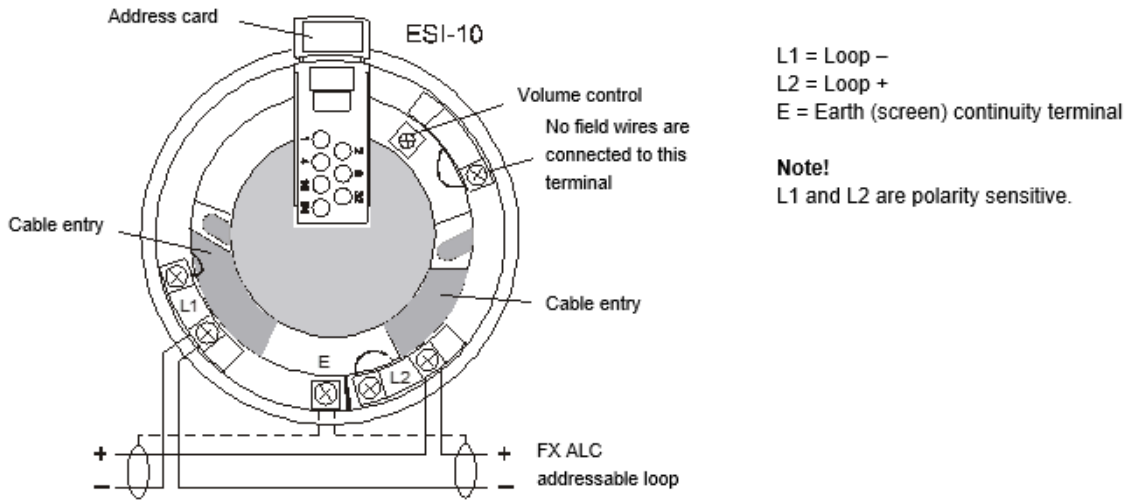
The sounder produces an uninterrupted alternating tone of 990 Hz for 0,5 seconds and 630 Hz for 0,5 seconds. The volume control can be used to adjust the sound steplessly from 70 dB(A) to 85 dB(A). It should be noted that these sounders do not have a synchronisation feature or pulsed tone.

1.3 Addressing

The Ancillary Base Sounder responds to signals from the associated detector or visual indicator. It does not have an address of its own.

2 Schematic Diagram & Wiring Connections

Ancillary Base ESI-10



2.1 Product codes

Product name	Product code
Ancillary Base Sounder ESI-10	FFS0672 8010 FFS0672 8010SA
Integrated Base Sounder ESI-20	FFS0672 8020
Integrated Base Sounder ESI-30	FFS0672 8030
Integrated Sounder Visual Indicator Bases ESI-60	FFS0672 8060
Integrated Sounder Visual Indicator Bases ESI-70	FFS0672 8070
Installation Accessories	Product code
Spacer for surface installation	FFS0672 8093
Red cap	FFS0672 8091
White cap	FFS0672 8092