

Sounder Board

Item Number: 4310-0060

Installation guide

Description

Provides 8 monitored switched current limited 24VDC outputs programmed via the front panel

The Sounder Board Fast Fit Kit consists of:

- Sounder Board
- 1 x 220mm RJ45M Comms Cable;
- 1 x 350mm RJ45M Comms Cable,
- 1 x 250mm & 1 X 410mm 2 way IDT Power Cable,
- 8 x mounting screws,
- 4 x standoffs.
- 1 x 3Amp fuse for FireFinder installation only

Installation

Power down and disconnect the batteries.

ABS Cabinet (new battery cabinet will be required if a lower backpan mounting position is used).

1. Mount the board on suitably spaced backpan standoffs using the 4 x M3 x 8mm screws. See Figure 2 for available mounting locations

Metal Cabinet (standoffs fitted to lower left hand side of the backpan)

2. If necessary fit the stand offs to the suitably spaced captive nuts in the lower right hand side backpan position
3. Mount the board onto the standoffs using the 4 x M3 by 6mm screws

Connecting to the FACP

4. Select suitable cable lengths from those supplied to connect CN1 on the Input Board to CN5 of the

Main Control Card or, CN1 on the Input Board to CN2 of the previous internal backpan board

5. Connect 27VDC from CN10 of the Main Control Card to CN3 of the Sounder Board
6. Bring the field cabling into the FACP through a suitable knockout and terminate to TB1 to 8
7. Power up, reconnect the batteries, program and test

Observe anti-static precautions at all times.

Connection and Settings

CN1: Is the RS485 Comms input from CN2 of the previous board or CN5 of the Main Control Board

CN2: Is the RS485 Comms output to CN1 of the next board

CN3: 27VDC into the board from CN10 of the Main Board or CN4 of previous board

CN4: 27VDC out from the board to CN3 of the next if applicable

TB3: Optional 27VDC input

TB1/2: Sounder Outputs

SW1: Set address to 1

LK1: Termination Link LK1 is fitted to the last board in the chain

Note: Terminate each sounder circuit with a 10KΩ EOL

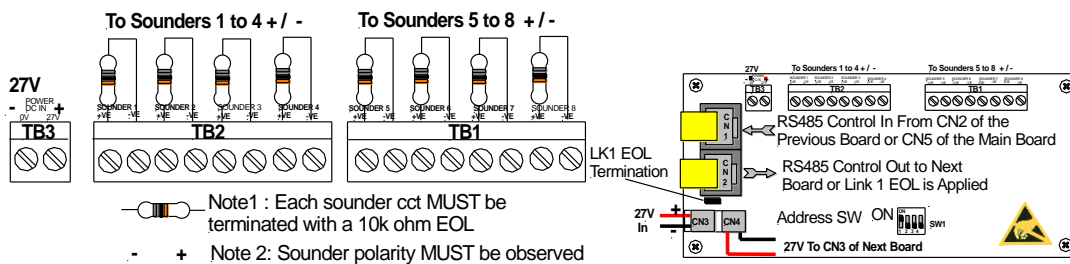


Figure 1: Sounder Board Outputs

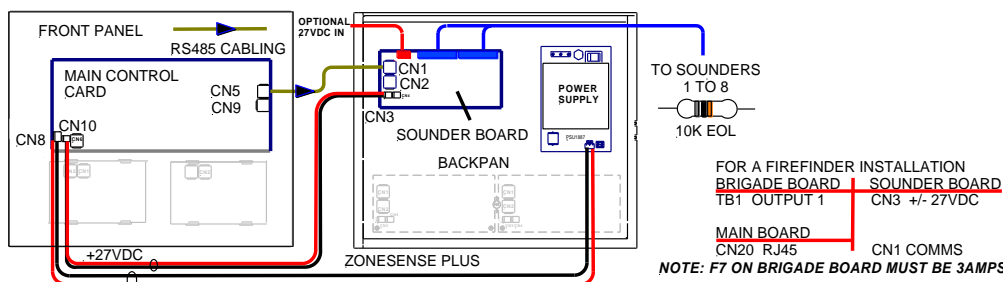


Figure 2: Internal Cabling of the FACP