

# Voice Enhanced Sounders

## Fire Alarm Interface Control unit (FIU 002)



### Features

- Acts as a communication medium between the Fire alarm panel and voice sounders
- Alert, evacuate, test and all clear messages for each stage of alarm
- No additional wiring
- Fully synchronised voice messages
- System health indicators
- Simple operation
- Compatible with any of the Sonos Voice Sounders and the Nexus red LED voice sander beacon (see part number below)

### Overview

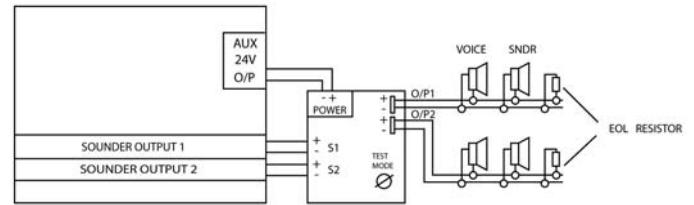
When combined with a Fire Alarm Interface Control unit (FIU 002) voice sounders can transmit upto 4 messages over the same sander circuit with no additional wiring.

The fire alarm voice sounders are actuated by the FIU 002 which acts as a communication medium between the panel and sounders. The FIU 002 controller unit monitors the change in status of the sander circuits of the fire alarm control panel and relays the appropriate signal to the sounders. The FIU 002 unit is wired directly to the fire alarm control panel by three two core cables. Two cores are required for each of the fire alarm sander circuits and a further two cores for the auxiliary power supply.

The FIU 002 unit has three status indication LED's mounted on its front face. The first being the 'System Health' indicator which is green in colour and a 'fault indicator' which is amber in colour. The third is to indicate that the interface unit is in test mode.

### Applications

- Fire alarm systems



Fire Alarm panel

FIU 002

- Fire
- Security
- Industrial
- Railway/Marine
- Hazardous Area
- Public Warning

Part No.	Description	Messages	Voltage	Quiescent Current	Alarm Current
18-980790	Control Unit	4+*	17-28V DC	16mA	45mA
18-980727	Nexus red LED Voice Sander Beacon (24V DC, 110dB(A))				

\* An additional default message can be played in the event of a power loss or interface fault.

IP Rating: IP67    Operating Temp: -10°C to +55°C    Construction: Polycarb Flame Retardant    Weight: 0.48Kg  
 Dimensions: 131mm W x 178mm H x 60.5mm D