

Voice Enhanced Sounders

Gas Extinguishing Interface Control unit (GIU 002)



Features

- Acts as a communication medium between the Gas control panel and voice sounders
- Alert, gas release imminent, gas released and gas hold 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 Sounder Beacon (see part number below)

Overview

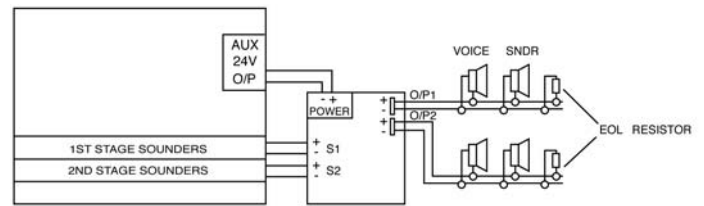
Existing Gas extinguishing systems rely on a combination of audible alarm tones and visual signals to signify the four stages of alarm, which can often cause confusion amongst untrained personnel. When combined with a GIU 002 unit voice enhanced sounders are able to avoid this problem and transmit 4 clear messages for each stage of alarm.

The GIU 002 controller unit monitors the change in status of the first and second stage alarm outputs of the gas extinguishing panel and relays the appropriate signal to the sounder. The GIU 002 unit is wired directly to the gas extinguishing panel by three two core cables. Two cores are required for each of the first and second stage alarms and a further two cores for the auxiliary power supply.

The GIU 002 unit has two 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.

Applications

- Gas Extinguishing System



Gas Extinguishing panel

GIU 002

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

Part No.	Colours	Messages	Voltage	Quiescent Current	Alarm Current
18-980758	Grey	4+*	17-28V DC	16mA	45mA
18-980727	Nexus Red LED Voice Sounder Beacon (24V DC, 100dB(A))				

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

P 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