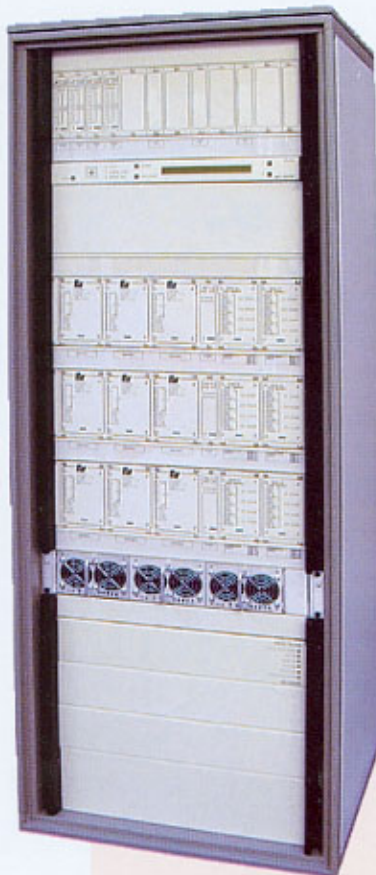


Multi-Zone Voice Evacuation and Alarm System



Features

- Proven software package
- Designed to form the heart of a fully compliant BS5839: Pt.8 or BS EN 60849 Voice Alarm system
- Modular design
- 84% efficient Class-D amplification
- Up to 1500W total load per standard rack
- Up to 12 zones coverage per standard rack
- Broadcast up to 3 messages simultaneously
- Continuous and silent DC monitoring of loudspeakers circuits
- CE compliant

Compact, cost effective and providing a host of state-of-the art benefits, VeriFire is the very latest in multi-zone broadcast voice alarm systems.

Thanks to the association of parallel banking and Class-D amplification, heat and space per watt are reduced.

Reductions in cable lengths are achieved by using DC loudspeaker circuit monitoring which requires no loudspeaker return loops.

A modular approach to hardware design allows easy on-site upgrades to be carried out, and minimises delivery lead times and on-site maintenance. Using fully tried and tested standard modules also ensures that reliability is guaranteed.

These, together with the fact that VeriFire requires very little installation space, combine to deliver major cost benefits and advantages for end-users.

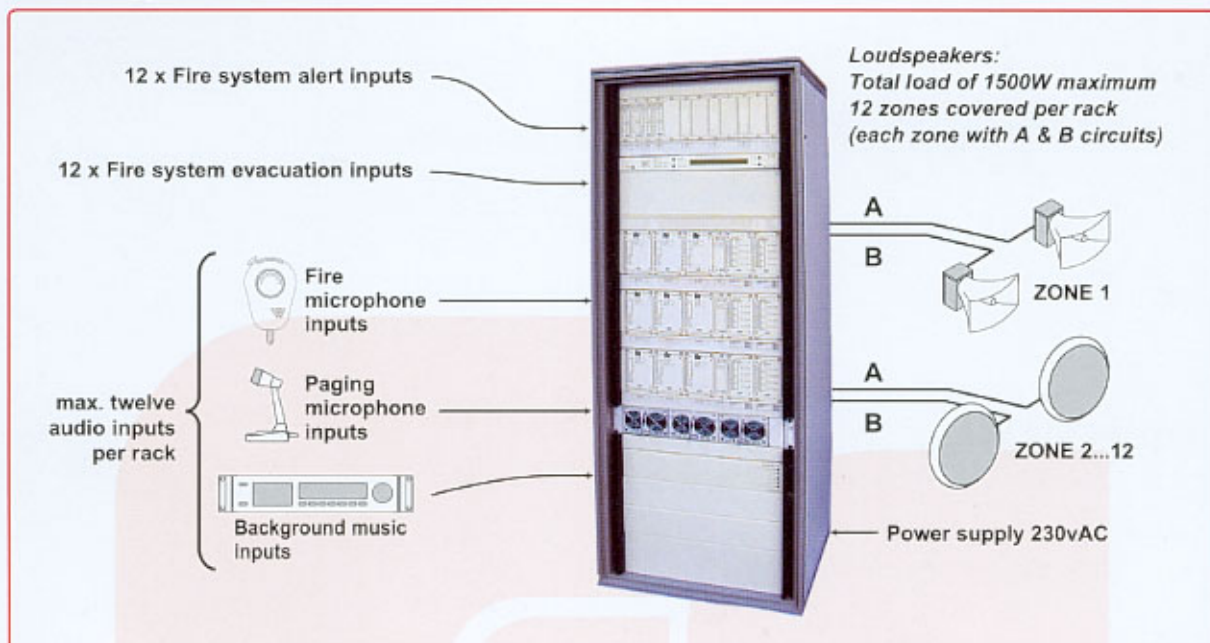
Applications

- Large office complexes • Multiple area businesses • Shopping malls •
- Sports arenas •

Architects' and Engineers' Specification

Integrated Voice Evacuation and Alarm System for BS5839: Pt.8 compliance. Mounted in a 42U 19" rack. Includes: 1500W maximum load, 12 different zones coverage, up to 8 internal message stores (40s per message), silent loudspeaker circuit DC monitoring, 12 audio inputs (0dBm line), 12 fire system alert inputs (+ common de-latch), 12 fire system evacuation inputs (+ common de-latch).

VeriFire typical installation



Brief specifications

- For BS5839 pt. 8 or BS EN 60849 compliance
- Class D amplifiers (84% to 89% efficiency)
- Digital Signal Processor for signals, filters, levels and signal generators
- Programmable cascade priority for all paging and alarm inputs
- Dry contact output for remote fault status reporting
- Front panel LED/LCD display of faults, system status and event log
- DC monitoring of loudspeaker circuits
- Power supply: 230vAC 50/60Hz
- 42U 19" rack as standard
- Integral batteries with capacity for 24 hours on stand-by followed by 30 minutes at full power.

Audio output main features

- Maximum load: 1500W + one 250W hot standby amplifier
- Covers up to 12 zones (as standard)
- Can simultaneously broadcast up to 3 different messages

Alarm input main features

- 12 x Fire system alert inputs plus common de-latch
- 12 x Fire system evacuation inputs plus common de-latch
- Selectable as dry contact inputs or voltage reversal with optional End Of Line Resistor for fire panel use
- Each input triggers a digital stored voice message, up to 40 seconds long
- Up to 8 x message stores with programmable priority and chime
- Voice messages can be one-shot, continuous, or intermittently repeating

Audio input main features

- 12 x galvanically isolated inputs
- Each press-to-talk (PTT) access can be programmed to be normally open or normally closed
- Individually configured input surveillance modes: 30Hz, 18kHz-22kHz, Wide Band

In the interests of product improvement we reserve the right to change specification or design without prior notice

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