

INTAK

PRODUCT INFORMATION C.V.A.S. Centralised Voice Alarm System

The **INTAK** C.V.A.S. (Centralised voice alarm system) is a highly developed, dependable voice evacuation system based on a centralised rack format.

The system is fully monitored and complies in every respect to BS5839 part 8.

The system utilises modular, off the shelf standard components which are assembled to suit the requirements of each specific project.

The use of standard, proven modular components greatly increases reliability as well as helping to keep the system cost as low as possible.

Each system comprises one or more bays of standard 19" rack cubicles. The racks are equipped with lockable glazed front doors, and solid rear and side doors.



All internal rack wiring is housed in trunking or flexible conduit, whilst all field terminations are to rail mounted "Klippon" style terminals.

A master card frame is located at the top of each system rack, which houses a universal back-plane board.

This card frame houses a number of standard printed circuit modules, with the type and quantity dependent on the specific project.

The system's card frame is equipped with the following modules;

- A PSFM (Power Supply Facility Module), gives indication of health status of all rack fuses, and power supplies. This module also houses the fault sounder.
- B MSFM (Message Store Facility Module), houses three monitored pre-recorded messages.
- C AMFM (Amplifier monitor facility monitor), monitors up to five power amplifiers.
- D LSFM (Line Sense Facility Module), continuously monitors ten loudspeaker lines and gives indication of open or short circuit conditions.

The only adjustments on the modules being for volume setting, these are only trimmed at the commissioning visit, and should then never need altering.

Internal amplifier monitoring