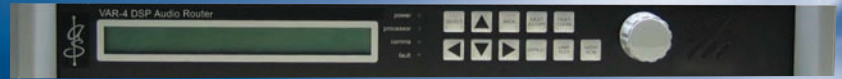


VAR Audio Routers

- Full DSP Functionality
- On Board Message Units
- Employs Canbus Technology
- Password Protection
- Complies with BS5839 Part 8



VAR-4



VAR-12 & VAR-20

The VAR-4, VAR-12 and VAR-20 are advanced DSP-based Audio Router and Voice Alarm System controllers. They allow connection of 4,12 or 20 audio inputs which can be routed to 4,12 or 20 outputs. Additionally they can monitor and control up to 63 Amplifier mainframes (V400) and associated amplifier interface card/surveillance units. Each mainframe connects to the VAR via an Audio-CANTM serial data network and audio monitor bus.

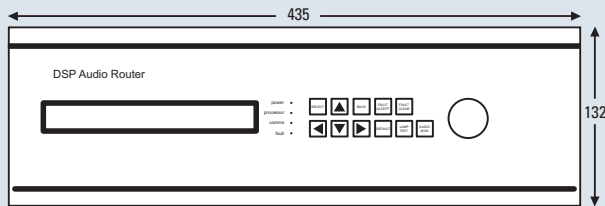
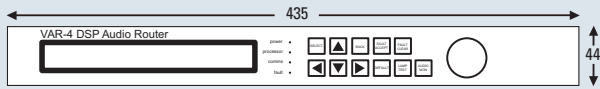
The VAR-4 router includes digital storage for 2 x 32-second messages and 2 x 16-second messages, and provides four Universal Mic/Line inputs, each of which supports a serial interface to enable an ASL multi-zone paging mic to be connected. All-call or zoneable Fire Microphones may be connected to Inputs 1 and 2. These act as all-call failsafe override microphones in the event of processor failure as required by BS5839 Part 8 with Input-1 having higher priority. Two connections are provided for background music sources, either of which can be selected for routing.

The VAR-12 similarly provides 12 Universal inputs and 4 x 32-second messages and 4 x 16-second messages

The VAR-20 provides 20 Universal inputs and 6 x 32-second messages and 6 x 16-second messages

Technical Specification

Dimensions (mm)



Stock Codes

VAR-4 N 47-652-78
 VAR-12 N 47-657-83
 VAR-20 N SP9983

Technical Specification:

Fully Compliant to BS 5839:8 1998

Engineers Access to amplifier and surveillance settings

2 x 40 backlit alphanumeric LCD display

Digital store for 8 messages

Built in monitor speaker

Dial up facility available for remote diagnostics and control

19" Rack mountable

24V operation

VAR-4

6 Audio Inputs to 4 Audio Outputs

VAR-12

14 Audio Inputs to 12 Audio Outputs

VAR-20

• 22 Audio Inputs to 20 Audio Outputs

VAR-4

Two connections are provided for background music sources, either of which can be selected for routing.

VAR-12

Typically for two fire microphones and ten general purpose paging microphones could be supported. Two connections are provided for background music sources, either of which can be selected for routing.

VAR-20

Typically for two fire microphones and eighteen general purpose paging microphones could be supported. Two connections are provided for background music sources, either of which can be selected for routing.

An external fire panel selects the type of message and output zone(s) while zoneable fire microphone panels allow live announcements to selected areas. Fail-safe routing of fire microphone audio to all outputs is provided in the event of processor failure.



Company Policy is one of continuous improvement, we reserve the right to change specification without prior notice

Protec Fire Detection Plc, Protec House, Churchill Way, Nelson, Lancashire, BB9 6RT

Tel: 01282 717171 Fax: 01282 717273 Web: www.protec.co.uk Email: sales@protec.co.uk