



## Features

- Lightning protection
- Glass fibre construction
- High reliability, minimal down time
- Rapid service/maintenance
- Simple quick installation

## PAGA Expansion port

### Description

The ATE1 is a clip on/off DIN rail mount port which is designed to extend a BARTEC VODEC VX/AT switch to allow connection of up to four VAP01 public address microphone access units.

The ATE1 comprises of a rugged DIN rail mount PCB carrier, field cable terminal assembly and on board switching matrix.

An array of LED indicators provide the engineer with ATE1 operation status and DIL switches allow the engineer to enable or disable ATE1 features to meet specific applications.

Further ATE1 ports can be cascaded up to a maximum of four models, inter port connectivity is by plug in/out flat IDC ribbon cable enabling simple expansion with minimal hardware impact.

The ATE1 is managed by an on board processing sub-system that determines access priority, emergency/routine speech preference and system alarm tone control.

Connection to the ATE1 from the host VX/AT switch is by single 34 way IDC plug in/out ribbon cable assembly.

Connection to other ATE1 ports (where more than four VAP01 microphones are required) is by identical 34 way IDC ribbon cable enabling simple expansion with minimal hardware impact.

Power supply is derived from the VX/AT management switch which is stepped down to provide DC 6 V to supply the VAP01 access unit(s).

### Loudspeaker Muting

The ATE1 also provides drive output to allow direct control of loudspeaker muting relays on the BARTEC VODEC Loudspeaker mute port. This enables loudspeaker(s) in the vicinity of a live VAP01 access unit to be disabled for the duration of the broadcast from the active VAP01 thereby obviating risk of acoustic feedback.

### Technical Data

- Supply**  
DC 48 V
- Consumption**  
100 mA
- DTMF resolution**  
50 mV RMS
- Phantom supply**  
DC 6 V
- Dimensions**  
483 mm wide (19" rack mount)  
88 mm high (2 units)  
200 mm deep
- Weight**  
0.46 kg
- Location**  
Safe area within
- Terminals**  
40 x field cable termination up to 2.5mm<sup>2</sup> conductors

### Electrical Specific VSP01 indicator control

The ATE1 also allows connection of up to four BARTEC VODEC VSP01 intrinsically safe LED system status indicator units.

