



# MicroComm DXI

## PAB-401 Paging Amplifier Board

### Description

Paging Amplifier Boards are used to drive small to medium sized public address and program distribution zones. They are more cost effective than high wattage package amplifiers where a large number of smaller paging circuits are required.

The PAB-401 Paging Amplifier Board mounts in a DXI card cage and provides eight (8) amplified audio outputs to constant voltage type loudspeaker circuits. Each output is provided with software controlled level adjustment, and is rated at 5 watts. Adjacent output channels in the PAB-401 can be bridged to provide higher power outputs.

### Features

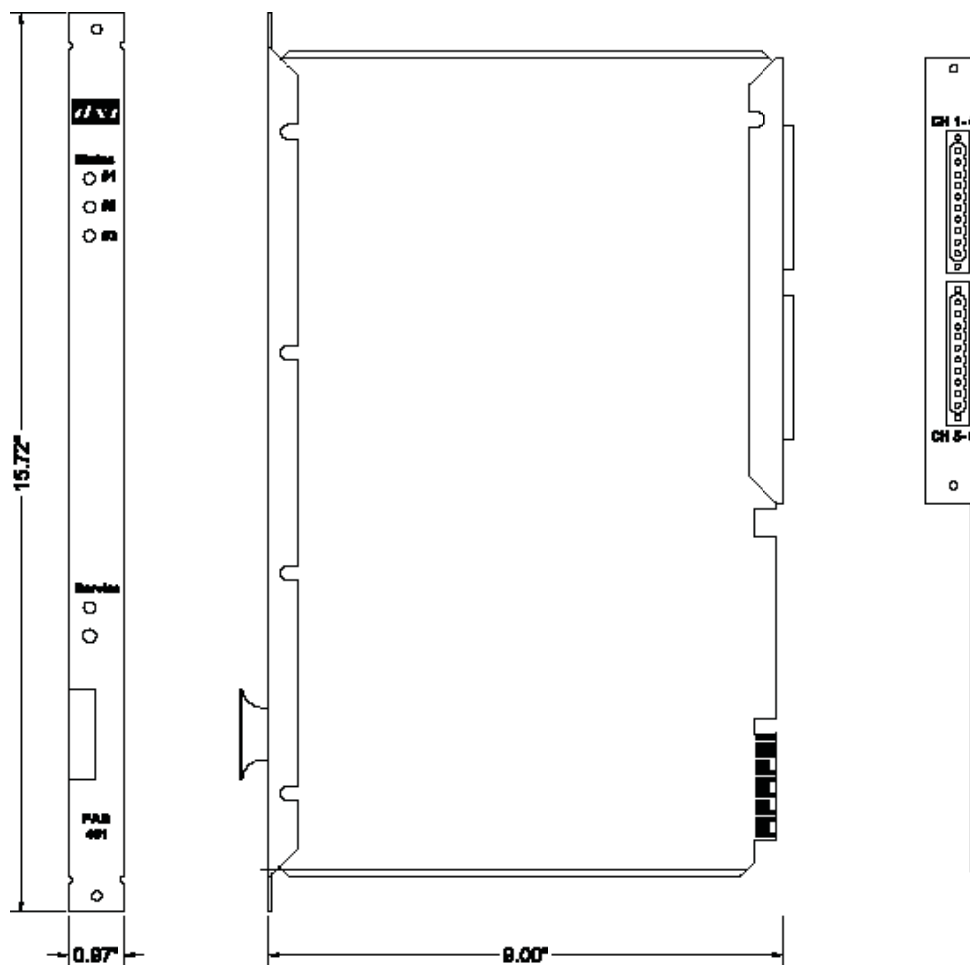
- eight (8) bridgeable output channels
- 5 watt output per channel
- channels can be bridged to provide higher output levels
- 25 Volt or 70 Volt loudspeaker line option
- independent software audio level control for each channel
- output protection against short circuits
- floating outputs to maintain isolation
- depluggable screw terminal connectors
- internal fuse protects circuitry
- live card insertion and removal to expedite system set up and maintenance
- all field connections on rear of the card to expedite system set up and maintenance
- depluggable screw terminal output connectors
- 3 LED's indicate operating status
- internal fuse protect circuitry



### Specifications

Physical Form Factor	MicroComm DXI I/O Card
Environmental	
Operating Temperature	32 to 122 °F (0 to 50 °C)
Storage Temperature	-40 to 158 °F (-40 to 70 °C)
Humidity	0 to 95 % non-condensing
Power Supply	±12 Vdc ± 10% @ 6 A max provided by I/O Card Cage
Output	
Channels	8 channels
Power	5 watts per channel max
Level	25 or 70 Volt loudspeaker line
Minimum Load Impedance	125 ohm for 25 volt circuit 980 ohm for 70 volt circuit
Field Connections	2 10-position screw terminal blocks
Cabling	22 ga shielded twisted pair, maximum 2500 ft (750 m) @ 70 V maximum 900 ft (300 m) @ 25 V
Standards	FCC Part 15

## Mechanical



## Ordering Information

Part number PAB-401-A

- A loudspeaker circuit voltage
  - 1 25 volt
  - 2 70 volt

## Accessories

Field Interface Cable

CBL-150-A

