



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

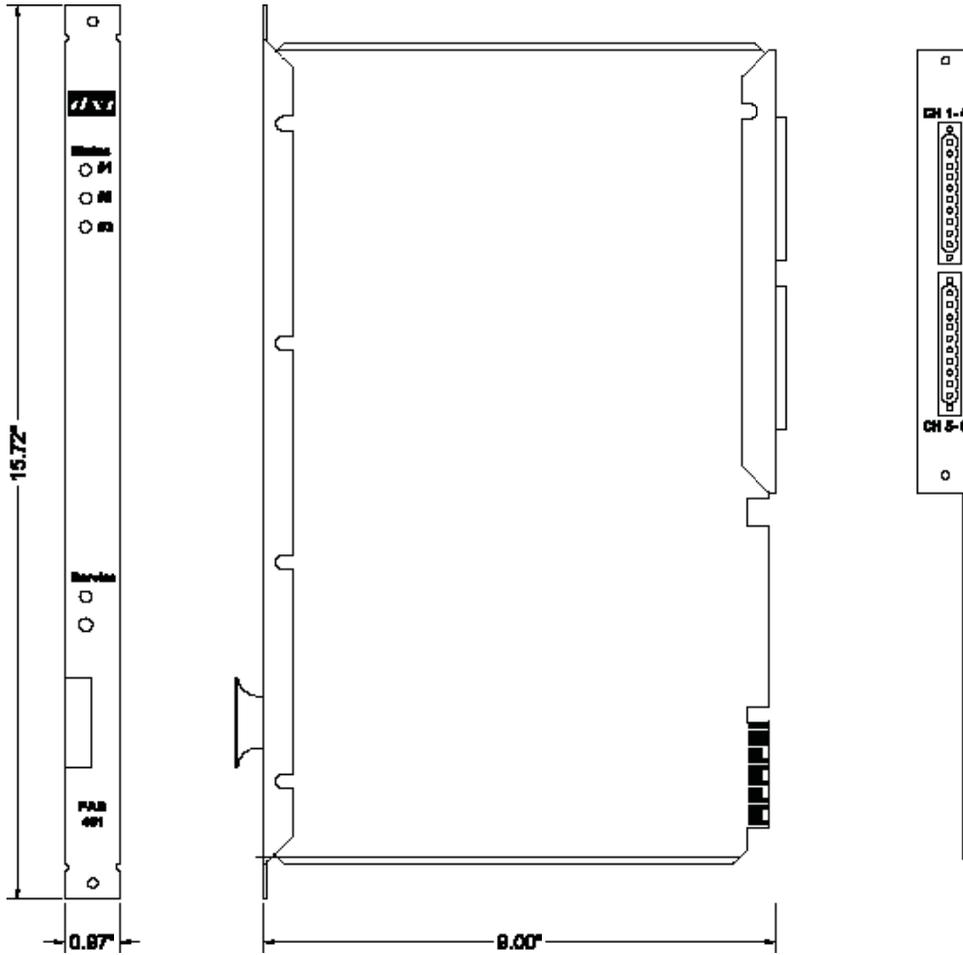
- eight (8) bridgeable output channels
- 5 watt output per channel
- channels can be bridged to provide higher output levels
- 25 Volt or 70 Volt loudspeaker line option
- independent software audio level control for each channel
- output protection against short circuits
- floating outputs to maintain 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

