



MicroComm DXI

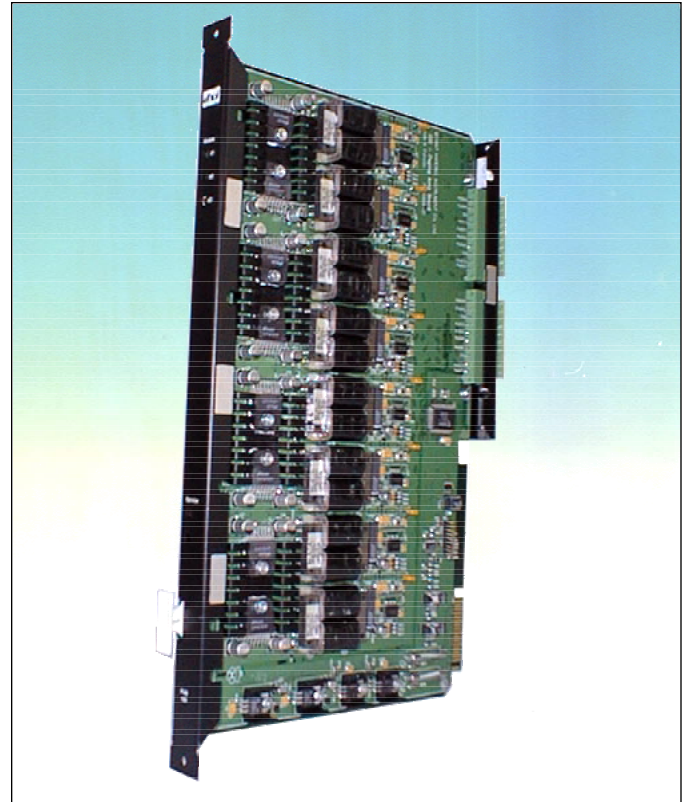
PAB-100 Paging Amplifier Board

Description

The PAB-100 Paging Amplifier Board mounts in a DXI card cage and provides eight amplified audio outputs to constant voltage type loudspeaker circuits. Each output is provided with software controlled level adjustment. Signals are converted from system digital format to analog audio format on the board before amplification.

Features

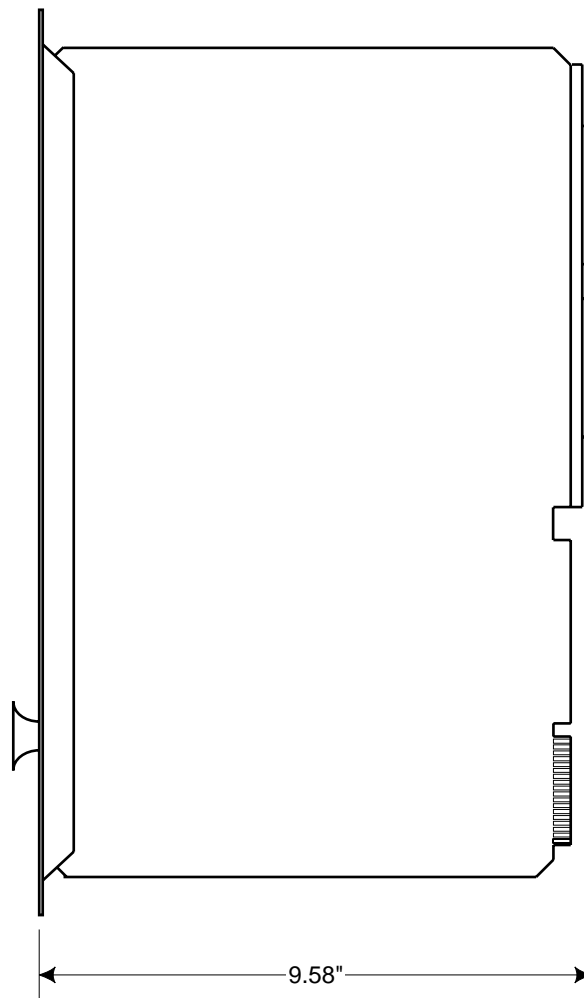
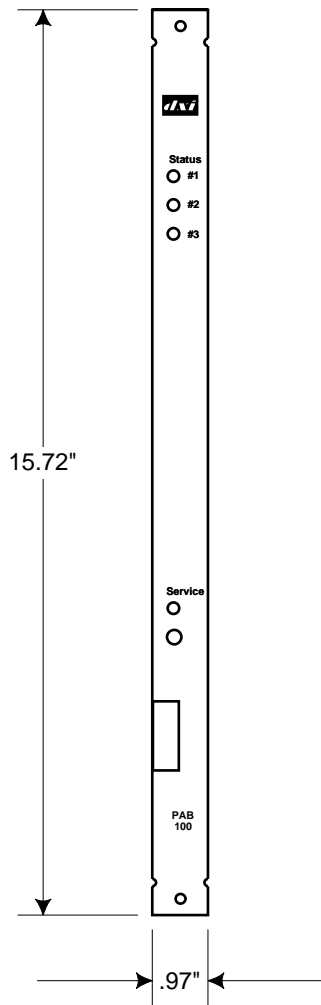
- eight output channels
- 5 watt output per channel
- 25 Volt or 70 Volt loudspeaker line option
- independent software audio level control for each channel
- output protection against short circuits
- floating outputs to maintain isolation
- digital audio bus connections receive a twin signal from an optional redundant control card
- 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 LEDs 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 Ω for 25 volt circuit 980 Ω 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, UL, CSA

Mechanical



Ordering Information

Part number PAB-100-A

A	loudspeaker circuit voltage
1	25 volt
2	70 volt

Accessories

Field Interface Cable

CBL-150-A

