



MicroComm DXI

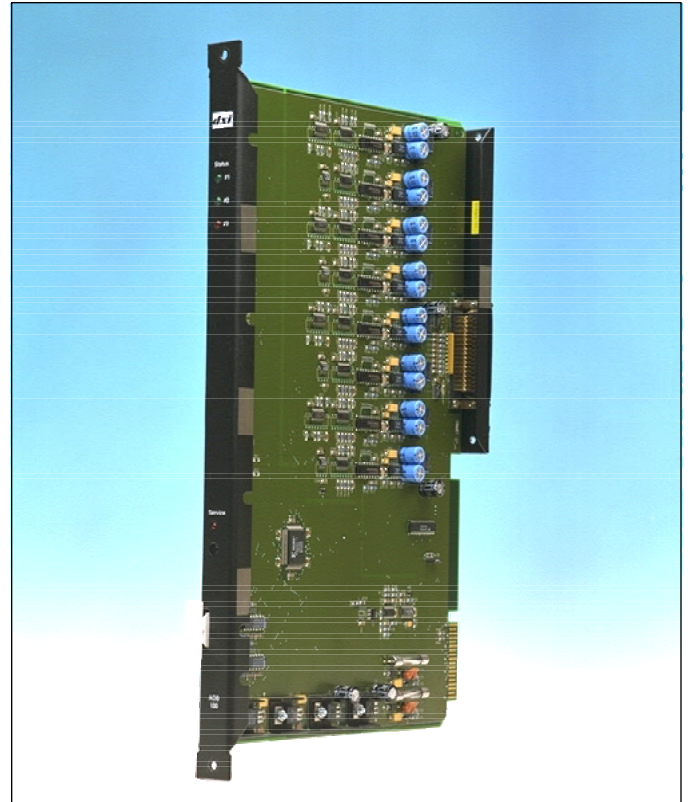
AOB-100 Audio Output Board

Description

The AOB-100 Audio Output Board installs in the card cage and provides up to eight external audio outputs. It is used to connect to auxiliary audio equipment such as: tape recorders, amplifiers, monitoring devices, two-way radios, etc. Each output responds to software controlled level adjustment and impedance matching. Signals are converted from the system's internal digital format to analog audio format.

Features

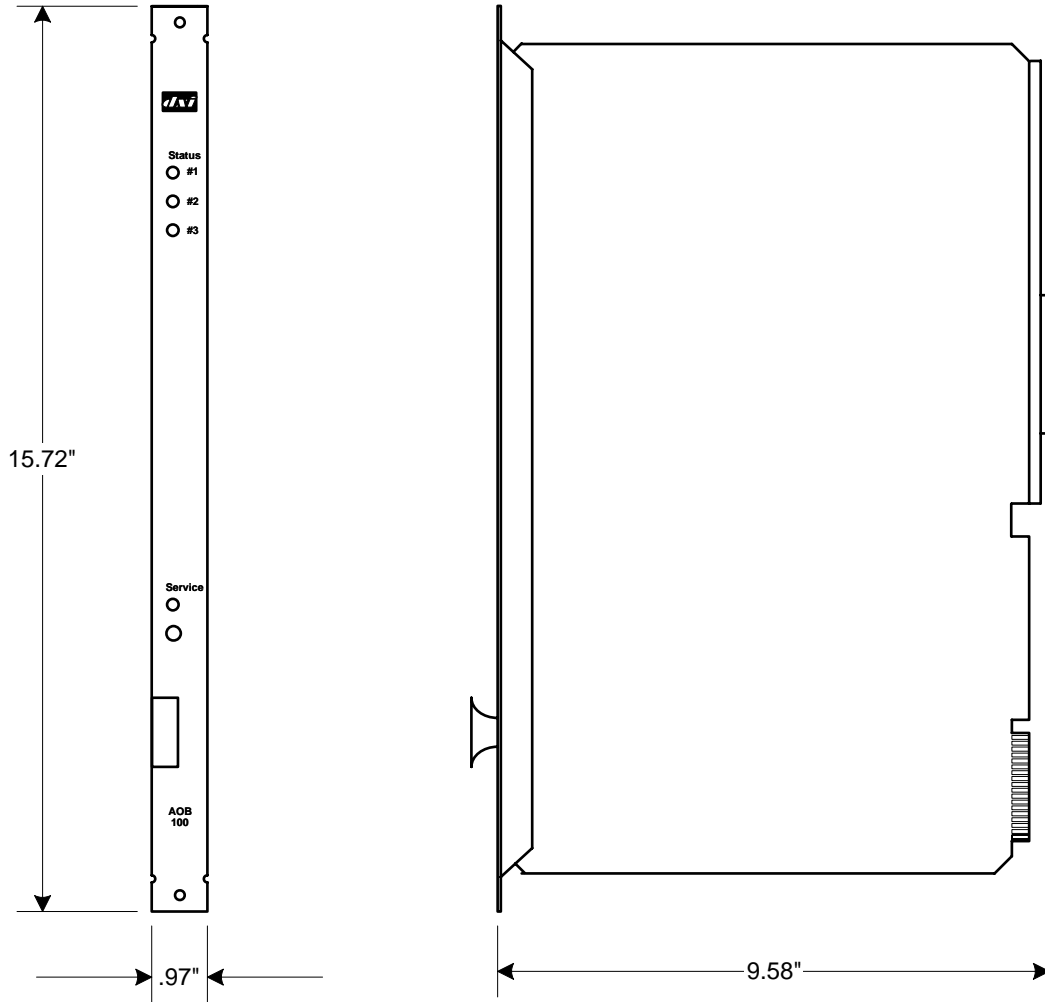
- 8 audio output channels
- each channel is software configurable for mic or line output levels
- independent software audio level controls for each channel
- 3 LEDs indicate operating status
- converts digital signals to analog
- balanced outputs
- contact inputs for external control signals
- status output on each channel
- floating status contact outputs to maintain isolation from other equipment
- output can be disabled by external equipment
- all field connections on rear of the card to expedite system set up and maintenance
- digital audio bus connections supply a redundant signal to an optional redundant control card
- fault protection on all output wiring
- live card insertion and removal to expedite installation and maintenance
- internal fuses protects 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% @ 2 A max provided by I/O Card Cage
Output Level	50 mVp or 1Vp
Output Impedance	200 Ω
Field Connections	DB-50 with quick release lock
Output Capacity	8 channels
Cabling	
Audio Outputs	22 ga shielded twisted pair, maximum 2500 ft (750 m)
Standards	FCC Part 15, UL, CSA

Mechanical



Ordering Information

Part number AOB-100

Accessories

Field Interface Cable

CBL-120-A

