



MicroComm DXI

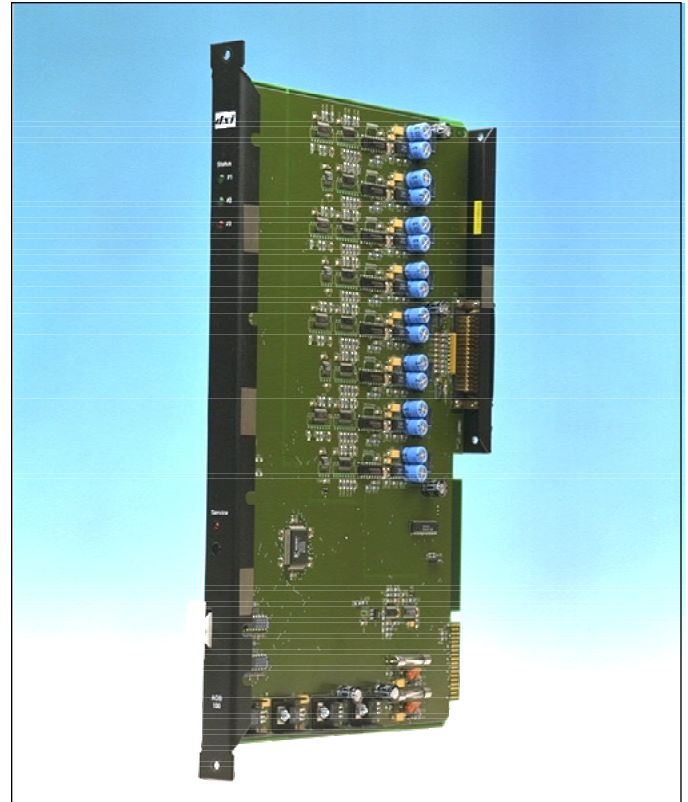
AIB-100 Audio Input Board

Description

The AIB-100 Audio Input Board installs in the card cage and provides up to eight external audio inputs. It is used to connect to auxiliary audio equipment such as: microphones, tape players, radio tuners, two-way radios, and automatic message repeaters. Each input is balanced and transformer isolated and responds to software controlled level adjustment and impedance matching. Signals are converted to the system's internal digital format within the board for processing and switching by the DXI system.

Features

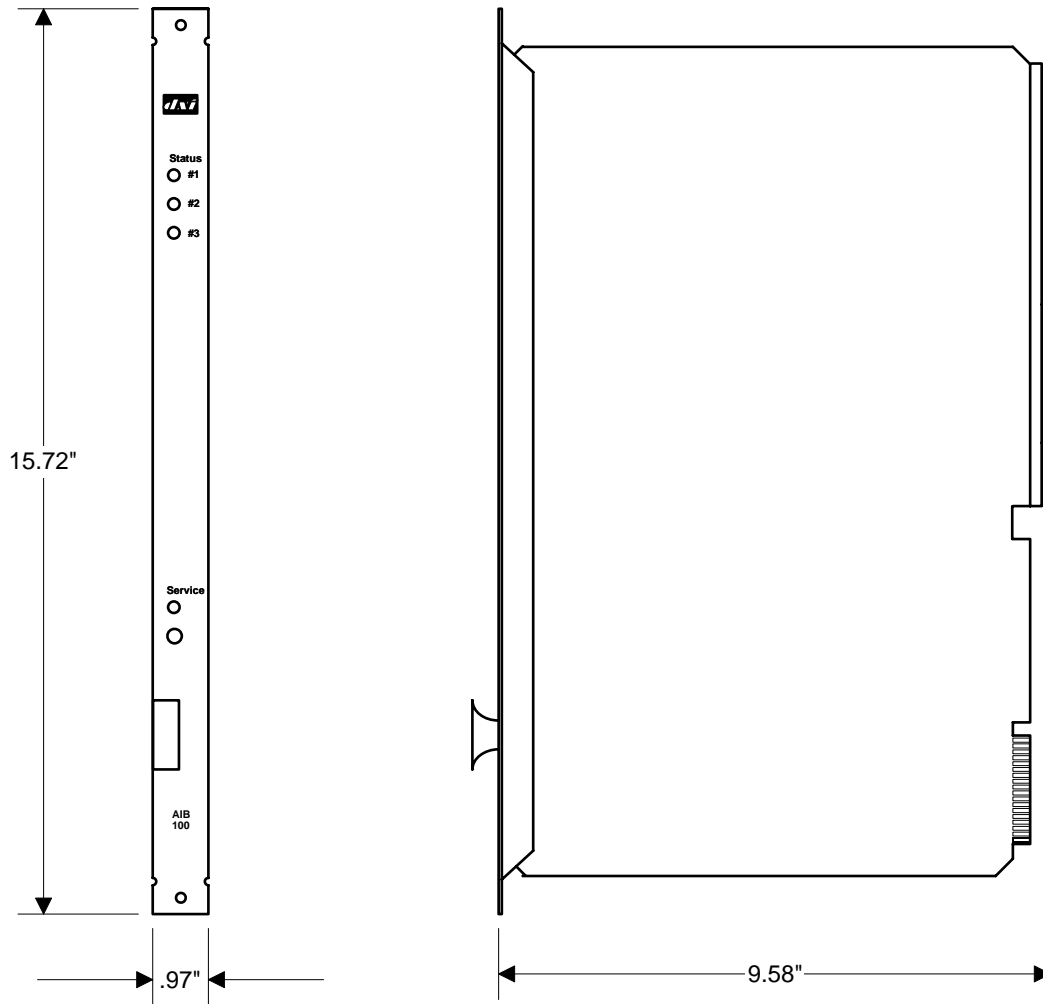
- 8 audio input channels
- each input adjustable for mic level or line level
- independent software audio level controls for each channel
- 3 LEDs indicate operating status
- converts analog audio to internal digital format
- balanced inputs
- all field connections on rear of the card to expedite system set up and maintenance
- digital audio bus connections supply a redundant signal to an optional redundant control card
- fault protection on all input wiring
- live card insertion and removal to expedite installation and maintenance
- internal fuse protect circuitry
- status output controls and control input on each channel



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??
Input Level	50 mVp-1 Vp
Input Impedance	10 K Ω
Field Connections	DB-50 with quick release lock
Input Capacity	8 channels
Cabling	
Audio Inputs	22 ga shielded twisted pair, max 2500 ft (750 m)
Standards	FCC Part 15, UL, CSA

Mechanical



Ordering Information

Part number AIB-100

Accessories

Field Interface Cable

CBL-120-A

