Description

The AOB-400 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, and two-way radios. Each output responds to software controlled level adjustment and impedance matching.
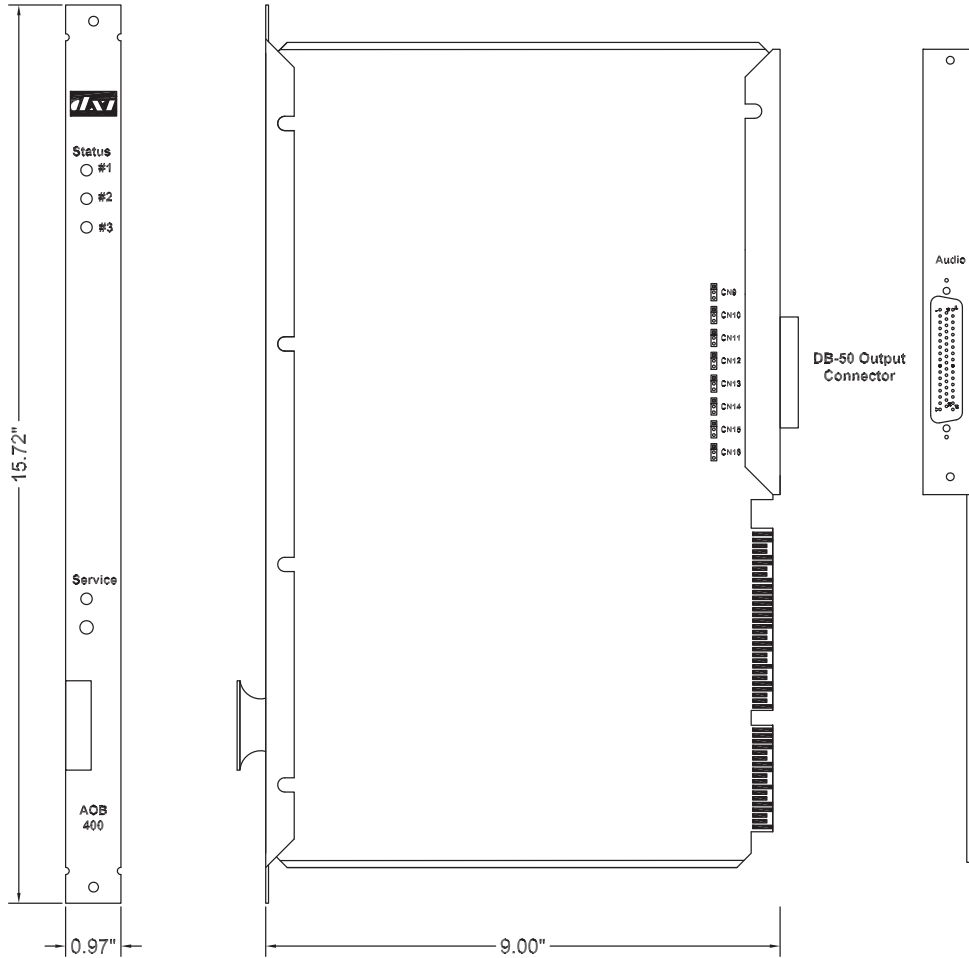
Features

- eight (8) line level audio output channels

- independent software audio level controls for each channel

- 3 LED's 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
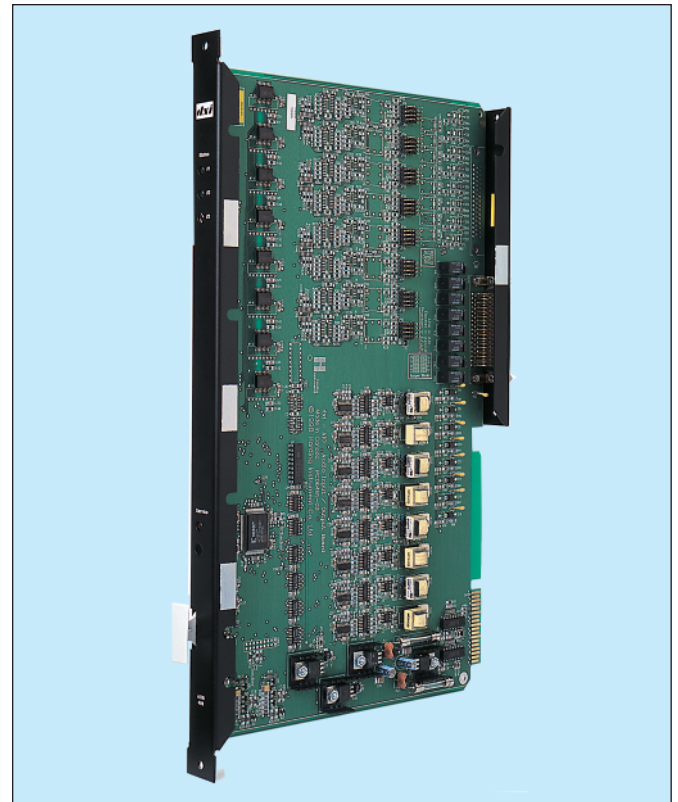
Specifications

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	1 Vp (line level, adjustable in eight 3 dB steps)
Output Impedance	200 ohms
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

Mechanical

15.72"

0.97"

9.00"

Status
○ #1
○ #2
○ #3

Service
○
○

AOB
400

CN9
CN10
CN11
CN12
CN13
CN14
CN15
CN16

DB-50 Output
Connector

Audio

Ordering Information

Part number AOB-400

Accessories

Field Interface Cable   CBL-120-A

Represented by:

HARDING

Registered To
ISO 9001
Quality Systems