



MicroComm DXI

RRB-100 Remote Receiver Board

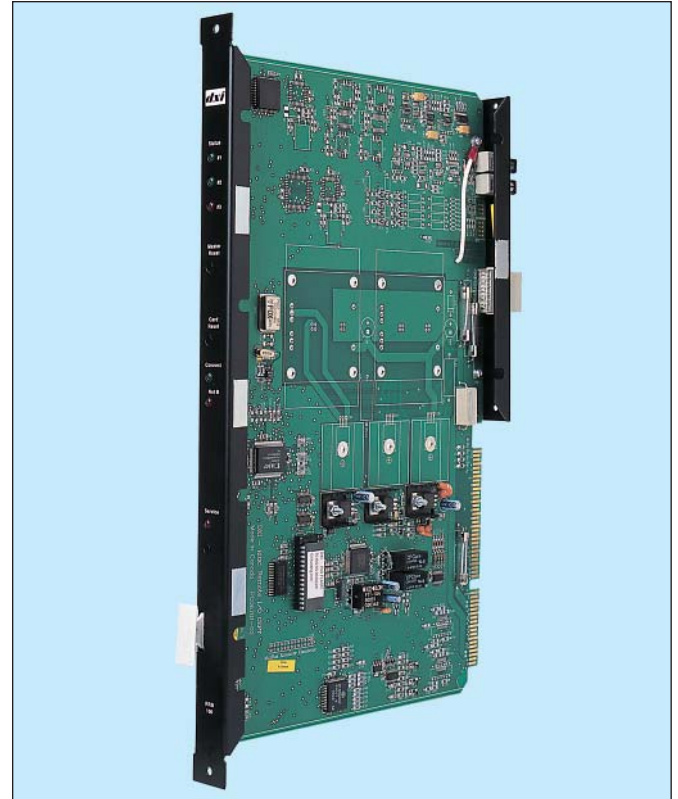
Description

The RRB-100 Remote Receiver Board mounts in either an RRR-110 or an RRR-120 Remote Receiver Rack. It interfaces an audio I/O board, mounted in the same rack, with an RDB-100 Remote Driver Board located in a DXI card cage. The remote Audio Board performs as though mounted within the card cage in the same slot as the remote driver board. This permits system interfaces to be distributed to locations where a full card cage is not warranted.

The communication between the driver and receiver unit is handled via a high speed Digital Audio Trunk.

Features

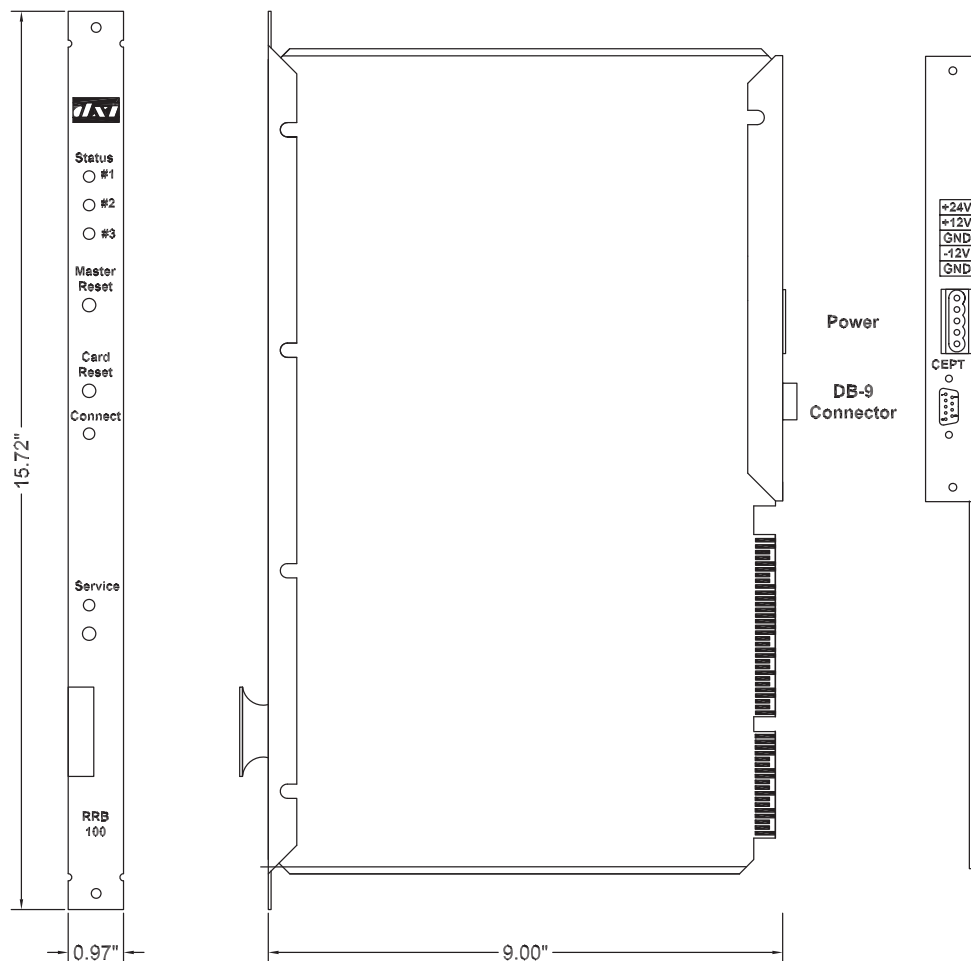
- can be connected or removed while the system is operating without disrupting the rest of the system
- internal fuse protects circuitry
- live card insertion and removal to expedite installation and maintenance
- service switch
- ± 12 Vdc or + 24 Vdc power supply option
- 3 LED's indicate operating status



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 $\pm 10\%$ @ 1 A max +24 Vdc $\pm 10\%$ @ 1 A max
Field Connections	DB-9 with quick release lock or ST connectors for fiber optics
Cabling	
Copper CEPT (E1)	2 unshielded twisted pairs, maximum 8200 ft (2500 m) per segment
Fiber CEPT (E1)	2 fibers - 62.5/125 μ m 13 dB power budget per segment
Standards	FCC Part 15

Mechanical



Ordering Information

Part number RRB-100-AB

- A CEPT digital interface options
 - 1 copper wiring
 - 2 fiber optic
- B Power Supply Option
 - 1 ± 12 volt
 - 2 24 volt

Accessories

Field Interface Cable

CBL-160-A

