



# MicroComm DXI

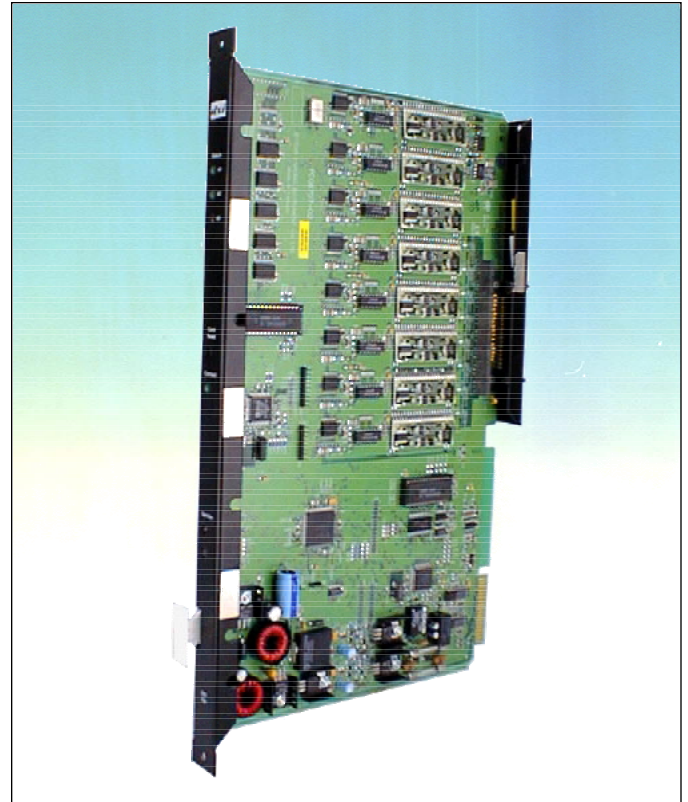
## TSB-100 Telephone Set Board

### Description

The TSB-100 Telephone Set Board mounts in a DXI card cage and provides eight interfaces to standard 2500 set compatible DTMF telephones. These telephone sets can be configured to perform sub-master intercom station or administrative intercom functions. The TSB-100 ports can also be used to connect a MicroComm DXI intercom system to a PBX, through its CO telephone line ports, or other equipment, such as an autodialer, that operates with standard telephone lines.

### Features

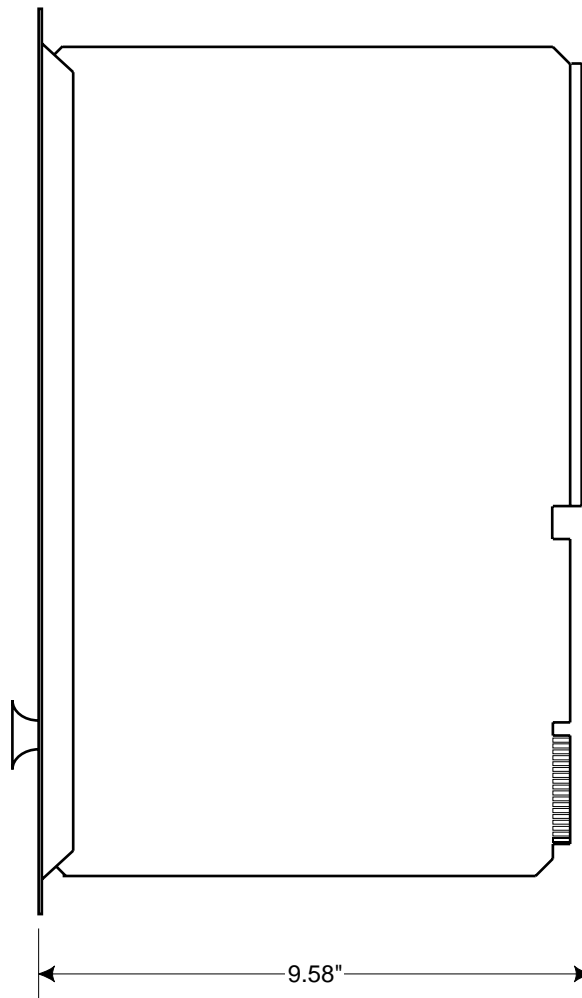
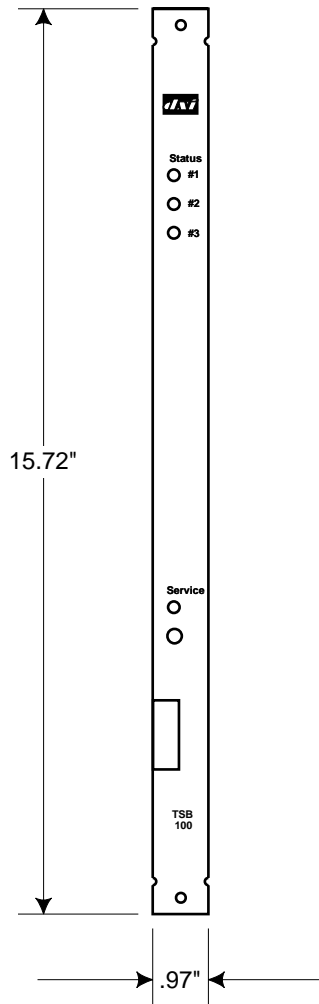
- eight telephone set interfaces
- drives standard 2500 set compatible DTMF telephone sets
- provides battery feed power to telephone set
- provides 90 Vac ringing signals to telephone set
- detects telephone hookswitch status
- provides standard call progress tones such as dial tone, busy signals, and call waiting tones
- full duplex audio via standard 600Ω interface
- compatible with standard speakerphone sets
- detects and transmits standard DTMF tones
- optional caller ID signaling allows data to be sent to telephone sets with caller ID displays
- transient and short circuit protection on all ports
- all field connections on rear of the card to expedite system set up and maintenance
- quick release terminal output connectors
- 3 LEDs indicate operating status
- internal fuse 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% provided by I/O Card Cage
Battery Feed Voltage	24 Vdc
Maximum Loop Current	40 mA
Ringing Voltage	90 Vac
Off-Hook Detection	Loop Start
AC Loop Impedence	600 Ω
Field Connections	DB-50 with quick release connector
Cabling	24–22 ga unshielded twisted pair
Standards	FCC Part 15 and Part 68, UL, CSA

# Mechanical



## Ordering Information

Part number TSB-100-A

- A Caller ID option
  - 0 none
  - 1 caller ID signaling

## Accessories

Field Interface Cable

CBL-170-A

