

TIF-2000A

Single-Line Digital Telephone Interface

The TIF-2000A is a single line digital hybrid telephone line interface designed to be compatible with ADAM, ADAM-CS, Cronus, Zeus, and CS 9000 series intercom systems. It provides bidirectional communication between the intercom matrix and a standard DTMF capable telephone line. It allows the phone to access all crosspoints of the matrix, as well as dynamic party lines, IFB circuits, and other forms of communications. The 1U high by ½ wide rackmountable (via an optional MCP-1 or MCP-2 kit) TIF-2000A provides a transparent link to the telephone system enabling full dial-out capability from any designated keypanel with keypad. The TIF-2000A has full dial-in capability giving the caller a keypad on the system via commands from the DTMF pad on their telephone. Since the TIF-2000A appears to the matrix as any other keypad would, the only limitation on the number of units in the system is the same as for other keypanels.

Features

Auto or Manual Answer

Select security code or none.

Select number of rings before answer.

Caller can be locked to one matrix point.

Up to 16 panels may be selected to ring.

Call in directly to party-line or IFB

Caller may select up to seven T/L assignments

Caller may change presets

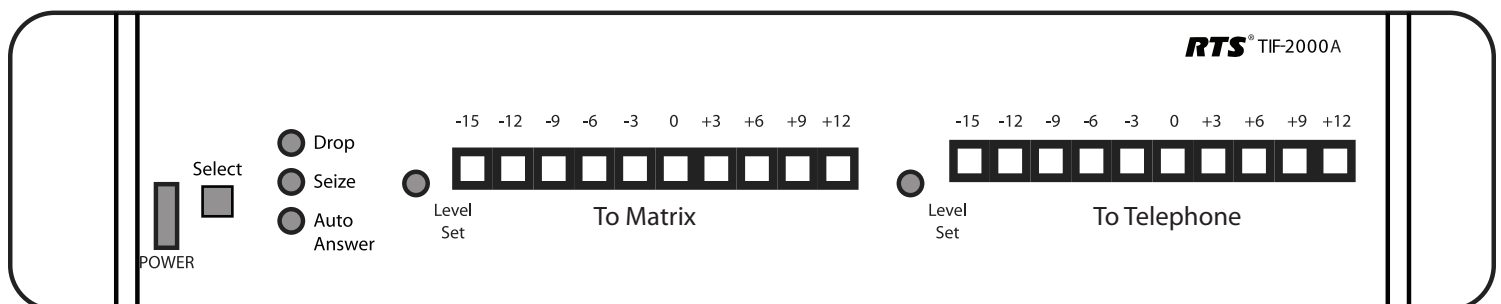
Auto disconnect

Direct audio input mixes with matrix audio

Levels can be adjusted for intercom & telephone

Downloadable telephone system configuration

Line Drawing



TIF-2000A Specifications

Matrix Input/Output

0 dBu to +20 dBu

Telephone Input/Output

-30 dBu to +6 dBu

Noise (200 Hz to 3.8 kHz)

-40 dBu or less

Harmonic Distortion (300 Hz to 3.8 kHz)

Intercom Side: -30 dBu or less

Telephone Side: -25 dBu or less

Frequency Response

300 Hz to 3.8 kHz +0 dB, -6 dB

Matrix Connectors

DB-9 Female

RJ-12 Female

Telephone Line Connector

RJ-11 Female

Telephone Loop-Thru Connector

RJ-11 Female

Power Requirements

100-240VAC, 50/60 Hz, 1A

Environmental

Operating Temperature:

0°C to 50°C

Storage Temperature:

-20°C to 75°C

Humidity (Operating & Storage):

0 to 95%, non-condensing

Dimensions

1.72" (44mm) high, 8.19" (208 mm) wide, 8" (203 mm) deep

Weight

4.4 lbs. (2.0 kg)

Finish

Thermoplastic front panel, aluminum case and rear panel, light gray finish

Contact Information

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Date: April, 2006

Ordering Information**TIF-2000A**

Single-Line digital telephone interface
Catalog Number: 90007823000

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