

## TIF-2000A

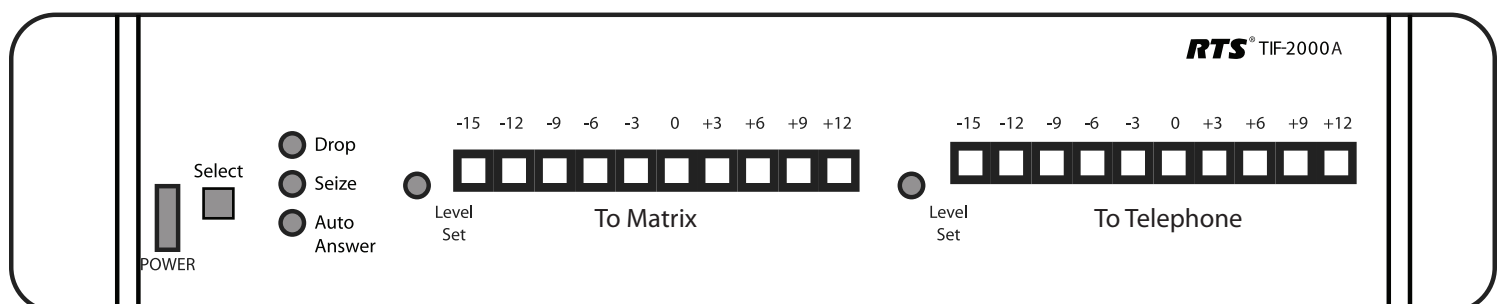
### Single-Line Digital Telephone Interface

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

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Auto or Manual Answer</li> <li>Select security code or none.</li> <li>Select number of rings before answer.</li> <li>Caller can be locked to one matrix point.</li> <li>Up to 16 panels may be selected to ring.</li> <li>Call in directly to party-line or IFB</li> </ul> | <ul style="list-style-type: none"> <li>Caller may select up to seven T/L assignments</li> <li>Caller may change presets</li> <li>Auto disconnect</li> <li>Direct audio input mixes with matrix audio</li> <li>Levels can be adjusted for intercom &amp; telephone</li> <li>Downloadable telephone system configuration</li> </ul> |
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### 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

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**Contact Information**

Telex Communications, Inc.  
12000 Portland Avenue South  
Burnsville, Minnesota 55337  
Telephone: 877-863-4169  
Fax: 800-955-6831

Form Number: 38110421

Date: April, 2006

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**Ordering Information****TIF-2000A**

Single-Line digital telephone interface  
Catalog Number: 90007823000

This specifications information is preliminary and is subject to change without notification.

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