

TIF-2000A

Single-Line Digital Telephone Interface

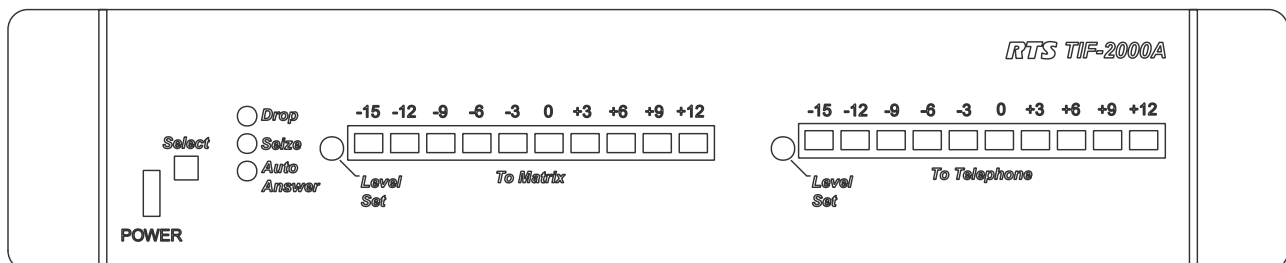


The TIF-2000A is a single line digital hybrid telephone line interface designed to be compatible with ADAM-M, ADAM, ADAM-CS, Cronus, Zeus, and CS 9000 series intercom systems. It provides bidirectional communication between the intercom matrix and a standard DTMF capable telephone line. It allows the 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 1/2 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 keypanel on the system via commands from the DTMF pad on their telephone. Since the TIF-2000A appears to the matrix as any other keypanel 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 (7) 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



Specifications

Matrix Input/Output

0 dBu to +20dBu

Telephone Input/Output

-30dBu to +6dBu

Noise (200Hz to 3.8kHz)

-40dBu or less

Harmonic Distortion (300Hz to 3.8kHz)

Intercom Side: -30dBu or less

Telephone Side: -25dBu or less

Frequency Response

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

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, 50/60Hz, 1A

Environmental

Operating Temperature:

32°F to 122°F (0°C to 50°C)

Storage Temperature:

-4°F to 167°F (-20°C to 75°C)

Humidity (Operating & Storage):

0 to 95%, non-condensing

Dimensions

1.72" (44mm) H, 8.19" (208mm) W, 8" (203mm) D

Weight

4.4lbs. (2.0kg)

Finish

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

Agency Compliance

Emissions (Class A)

KN 32 NRRA Notice 2017-19 (2017.12.28)

EN 55032: 2012/AC:2013

AS/NZS CISPR 32: 2015

VCCI 32-1

ICES-003: 2016

FCC Part 15 subpart B

CNS 13438: 2006

Immunity

EN 55024: 2010+A1:2015

EN 55035 2017

KN 35

Safety

UL 60950-1, 2nd Edition, 2014-10-14

CAN/CSA C22.2 No. 60950-1-07, 2nd Edition, 2014-10

EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013

IEC 60950-1:2005 2nd Ed, Am1:2009/Am2:2013

UL 62368-1, 2nd Ed, 2014-12-01

CAN/CSA C22.2 No. 62368-1-14, 2nd Ed

EN 62368-1:2014+A11:2017

IEC 62368-1:2014 2nd Ed.

Telephone Network

TIA/EIA/IS-968 (2002)

FCC CFR 47, Part 68

TBR-21 (14 April 2009)

Order Information

TIF2000A • TIF-2000A • Single-line digital telephone interface

The specification information is preliminary and is subject to change without notification.

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