



DESCRIPTION

The TIF 4000 is a frame capable of up to 12 digital telephone interface cards with a redundant power supply designed to be compatible with ADAM, ADAM CS, and ZEUS intercom systems. It provides bi-directional 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 4RU high TIF 4000 provides a transparent link to the telephone system enabling full dial-out capability from any designated keypanel with keypad. Since the TIF 4000 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

- Redundant Power supply
- 12 TIF frame in a 4RU space
- 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
- Remote diagnostics
- Aerospace multi-system link
- Sports venue multiple PL tie-in
- Olympic or concurrent sports IFB

APPLICATIONS

- Simplex or full duplex IFB
- Remote IFB.
- Remote PL from ENG/SNG
- Remote studio tie-in
- Caller may select up to seven T/L assignments
- Caller may change presets
- Auto disconnect
- Direct audio input mixes w/ matrix audio
- Levels can be adjusted for intercom and phone
- Downloadable telephone system configuration

ARCHITECTURAL & ENGINEERING SPECIFICATIONS

The unit shall provide full functionality of an RTS matrix keypanel via a DTMF telephone line interface. The unit shall be compatible with telephone systems world wide. The unit shall be capable of manual and auto answer with user selectable security and password. It shall provide a dial out capability from other keypanels. The unit shall be 4RU tall. It shall be capable of being mounted in a standard equipment rack via optional mounting kits. It shall provide a means via the front panel for setting audio levels for both the telephone line and the matrix connections. It shall provide a means for upgrading its internal firmware via a download from the system.

ORDERING INFORMATION

Item	Part Number	Description
TIF 4000 (frame)	9000-7812-000	TIF 4000 Frame
TIF 4000 (card)	9020-7818-000	TIF 4000 Front Card

PLEASE CONTACT US

Telex Communications, Inc.
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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-11 Female

Telephone Line Connector:
RJ-11

Telephone Loop-Thru Connector:
RJ-11

Power Requirements:
Universal Power Supply
100-240VAC,
50/60Hz
Card Power Every card uses
1Amp of power

Power Dissipation
TIF-4000 Full Frame (12 TIF
Cards)
750mA @ -15V
1A @ +15V
9A @ +5V

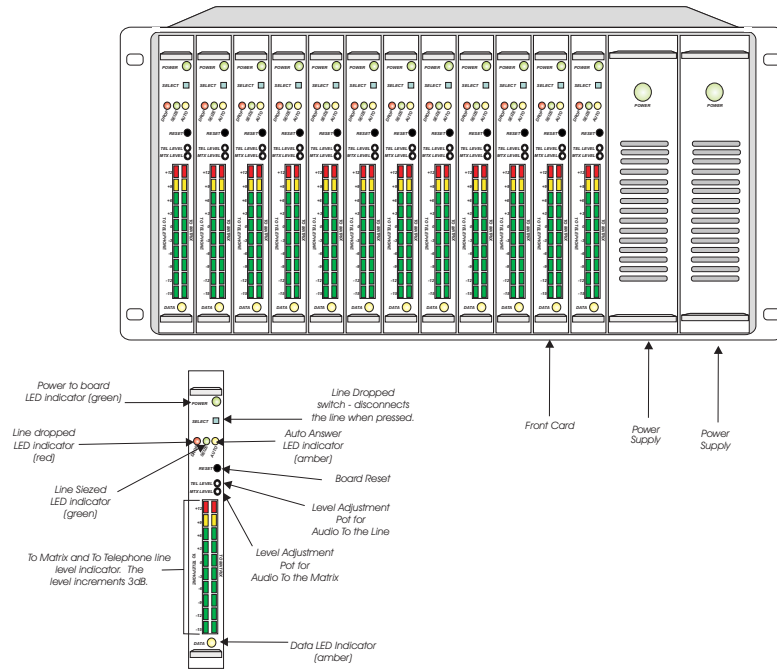
TIF-4000 Individual Card
60mA @ -15V
70mA @ +15V
750mA @ +5V

Environmental:
Operating Temperature:
-4°F to 122°F (-20°C to 50°C)
Storage Temperature:
-22°F to 158°F (-30°C to 70°C)

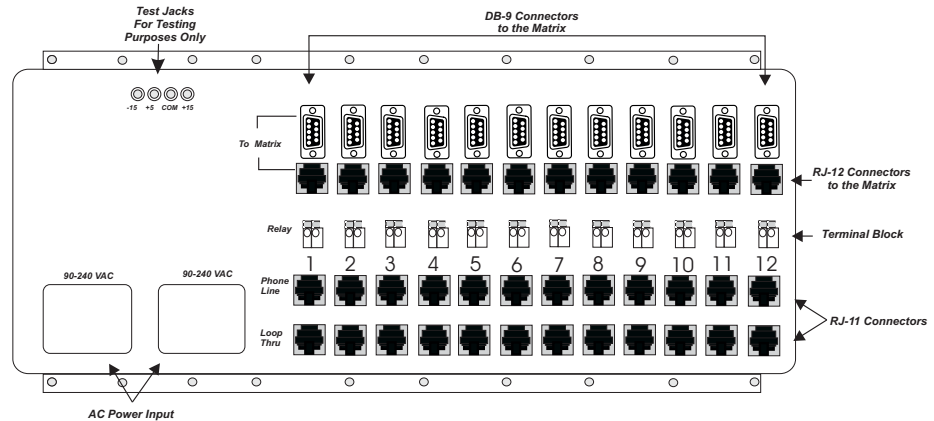
Dimensions:
19" W x 6.97" H x 12.8" D
(25.4mm W x 177.038mm H x
325.12mm D)

Weight:
28.45 lbs. (12.9047 kg)

FRONT PANEL FEATURES



REAR PANEL FEATURES



WARRANTY

RTS™ products are warranted by Telex Communications, Inc. to be free from defects in materials and workmanship for a period of three years from the date of sale.

The sole obligation of Telex during the warranty period is to provide, without charge, parts and labor necessary to remedy covered defects appearing in products returned prepaid to Telex. This warranty does not cover any defect, malfunction or failure caused beyond the control of Telex, including unreasonable or negligent operation, abuse, accident, failure to follow instructions in the manual, defective or improper associated equipment, attempts at modification and repair not authorized by Telex, and shipping damage. Products with their serial numbers removed or effaced are not covered by this warranty.

This warranty is the sole and exclusive express warranty given with respect to RTS products. It is the responsibility of the user to determine before purchase that this product is suitable for the user's intended purpose.

ANY AND ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY ARE LIMITED TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY.

NEITHER TELEX NOR THE DEALER WHO SELLS TELEX PRODUCTS IS LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND.