

CUSTOMER SUPPORT

Technical questions should be directed to:

Customer Service Department
Telex Communications, Inc.
12000 Portland Avenue South
Burnsville, MN 55337 U.S.A.

Telephone: 1-800-392-3497
Fax: 1-800-323-0498

FACTORY SERVICE

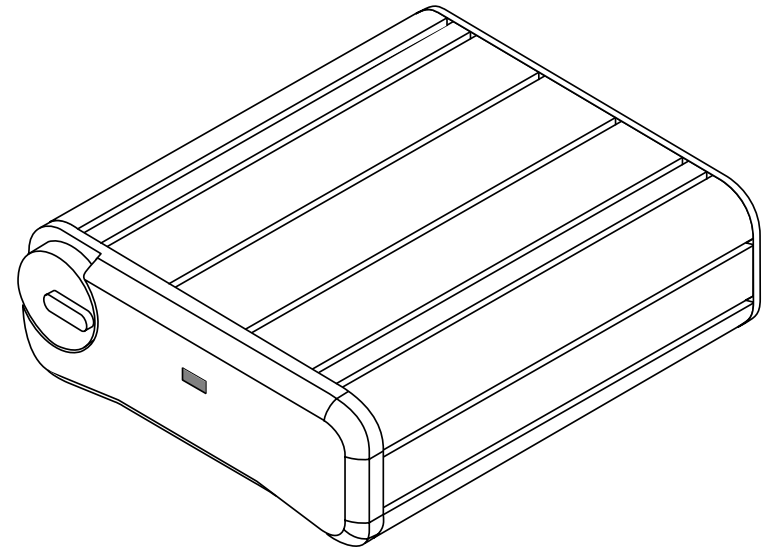
All equipment returned for repair must be accompanied by documentation stating your return address, telephone number and proof of date of purchase, along with a description of the problem. In lieu of this, you may obtain a Return Authorization form from our Customer Service Department.

Return equipment to :

Service Department
Telex Communications, Inc.
8601 East Cornhusker Hwy.
Lincoln, NE 68507
Tel: 1-800-553-5992
Direct: 1-402-467-5321

Telex[®]

Operating Instructions



IFB-1000 Belt Pack *Audiocom*[®] Intercom System

GENERAL

The Audiocom® IFB-1000 is a one-channel listen only IFB belt pack.

OPERATION

SYSTEM POWER

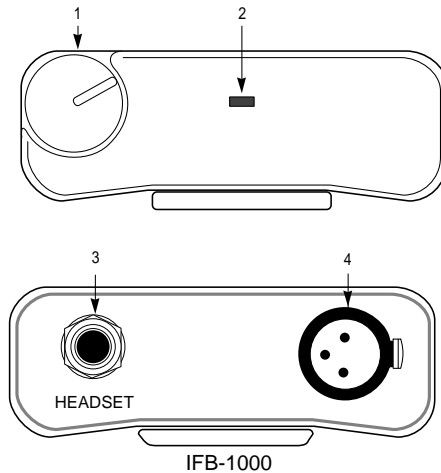
The IFB-1000 belt pack receives power externally, via the intercom channel.

IFB-1000 SETUP

The channel termination is set for balanced operation, which is compatible with other Audiocom equipment.

The headset/earset jack is set for 150 ohm operation.

EXTERNAL CONNECTIONS & CONTROLS



- 1. Volume Control.**
Use this control to adjust the headset/earset listen level.
- 2. On Indicator**
This LED glows green when the belt pack is connected to an intercom channel that is functioning.
- 3. Headset Connector**
This connector accepts a wide-response earset, such as the Telex EMV-2 (catalog number 60194-001), with a 1/4" monaural phone plug.
- 4. Intercom Channel Connectors**
The IFB-1000 intercom channel is connected via a 3-pin female connector. The IFB-1000 is powered from the intercom system power supply and will turn on with the intercom system.

CONNECTOR PIN CONFIGURATIONS

HEADSET CONNECTOR

Type: 1/4" Monaural Plug
Sleeve Headset audio low
Tip Headset audio high

INTERCOM CHANNEL CONNECTORS

Type: XLR-3F
Pin 1 Common
Pin 2 Intercom audio and +24 VDC input
Pin 3 Intercom audio and +24 VDC input

SPECIFICATIONS

GENERAL:

Channel Supplied Power Requirements:

+24 VDC nominal (standard Audiocom line), 50 to 80 mA

Environmental Requirements:

Storage: -20°C to 80°C; 0% to 95% humidity, non-condensing
Operating: 0°C to 50°C; 0% to 95% humidity, non-condensing

Dimensions:

3.25" (82.6 mm) H x 3.5" (88.9 mm) W x 1.8" (45.7 mm) D

Weight:

1.0 pounds (0.45 kg)

INTERFACE REQUIREMENTS:

Earset:

150 to 600 ohm headphones

Balanced Intercom Channel Level & Impedance:

1 Vrms nominal; 300 ohms $\pm 5\%$

Noise Contribution:

Less than -60 dB on the line.

HEADPHONE AMPLIFIER:

Voltage Gain:
27 ± 3 dB from the line

Maximum Output:
60 mW into 150 ohms

Frequency Response:
200 Hz to 8 kHz $\pm 1/-3$ dB

INTERNAL JUMPER CONNECTOR J3

The IFB-1000 can be operated in Audiocom (balanced) or RTS/Clear-Com (unbalanced) mode.

CONNECTOR	DESCRIPTION	DEFAULT
J3	Audiocom Mode - jumper populated across pins 1 & 2 (balanced) RTS/Clear-Com Mode - jumper populated across pins 2 & 3 (unbalanced)	Jumper populated across pins 1 & 2