



## IC-2B Beltpack

The Model IC-2B is a two-channel belt-pack headset station without light signaling. It is designed for use in balanced Telex Audiocom Intercom Systems.

The IC-2B accepts a stereo, dynamic-microphone headset, and is compatible with all Telex Audiocom Intercom headsets that have an XLR-5F type connector. It may also be used with a monaural, carbon-microphone headset. When used with a stereo headset, the IC-2B may be set to monitor one channel in each headphone (stereo mode) or to mix both channels in both headphones (monaural mode).

### Features

#### Heavy-Gauge Aluminum

The case material is heavy-Gauge ( $\frac{1}{8}$  inch thick) aluminum, and is painted non-glaring black.

#### Recessed Controls

Controls are recessed for protection and to prevent inadvertent switching.

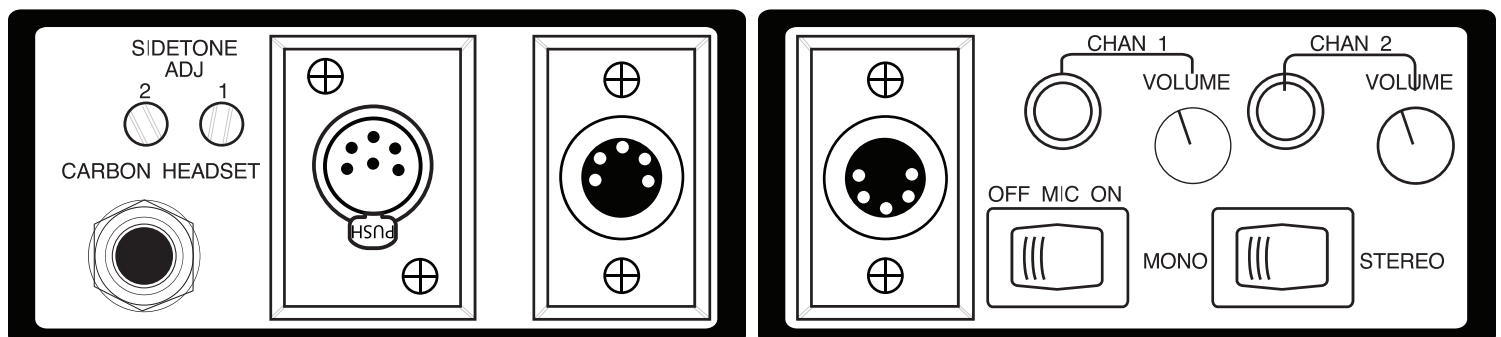
#### Silk-Screened Labels

All control nomenclature is clearly silk-screened on the unit.

#### Detachable Belt Clip

The steel belt clip is detachable, and tapped screw holes are provided on the case back for mounting to a video or film camera.

### Line Drawing



# IC-2B Specifications

## Frequency Response

Transmit: 100-12,000 Hz  $\pm\frac{1}{2}$ , -3 dB

Receive: 200-7,000 Hz  $\pm\frac{1}{2}$ , -3 dB

## S/N Ratio

Mic Input: 60 dB

## Input Level

Microphone: 5 mV nominal, 20 mV max

Channel: 1V (0 dBm) nominal, 4V (12 dBm) max

## Input Impedance

Microphone: Greater than 5,000  $\Omega$  (works with 50-600 ohm carbon or unbalanced dynamic mics)

Channel: Greater than 10,000  $\Omega$

## Headphone Output Impedance

60 ohms (designed for use with 150-600  $\Omega$  phones)

## Output Power

Phones: 75 mW into 150 ohms

Channel: 10 mW (+10 dBm)

## Total Harmonic Distortion

Transmit: 1% at 10 dBm

Receive: 1% at 75 mW into 150 ohms

## Channel Common Mode Rejection

40 dB at 60 Hz

## Power Requirements

Voltage: 12-30 Vdc, 24 Vdc nominal

Current: No signal, 12 milliamps, Average talk, 24 milliamps

## Weight

1.83 lbs (809 grams)

## Connector Types and Pin-outs

Stereo Headset: XLR-5M: pin1, mic shielded; pin 2 mic

Hot; pin 3, headphone shielded; pin 4 right headphone

Hot; pin 5, left headphone hot

## Contact Information

Telex Communications, Inc.  
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Burnsville, Minnesota 55337  
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Form Number: 38109-342

Date: February, 2006

## Ordering Information

### IC-2B

Two-Channel Belt Pack

Catalog Number: 96099-000

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

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