



XO-AP
Base Station



XO-1
Beltpack



Telex Legacy™ 2.4 GHz Wireless Intercom

The Telex Legacy™ series wireless intercom is a full duplex (simultaneous talk and listen), multi-channel wireless intercom system. The Telex Legacy™ system offers a complete solution for 2 to 14 users, fast and easy set-up, durable beltacks, 64 bit audio encryption and selectable professional Telex headsets. Offering a standard 3 year warranty, Telex Legacy™ operates utilizing the license free IEEE 802.11b “WiFi” standard.

The Telex Legacy™ wireless intercom system incorporates the option of three audio channels that are selectable at each XO-1 beltack. The XO-1 beltacks also provide the user independent volume control and headset microphone level control. The XO-1 built in Lithium Ion rechargeable battery packs that will provide up to 8 hours of uninterrupted operation.

The XO-AP base station automatically selects the RF (radio frequency) channel for communication with a feature called ClearScan™. ClearScan™ is initiated at power up and automatically scans and sets the Telex Legacy™ base station to the best and clearest RF channel (1 – 11) for operation. The XO-AP provides a central relay location which routes the audio traffic between the XO-1 beltacks. The base station also uses an internal rechargeable Lithium Ion battery that will provide up to 10 hours of uninterrupted operation or can be operated with the included wall mount AC power supply.

Features

License Free Operation

64 Bit Encrypted Audio

Full Duplex Operation

3 Audio Channels

Automatic RF Channel Selection via ClearScan™

Independent Volume Control and Headset Mic Level Control

System Supports Up To 14 Headsets (Full-Duplex)

Easy Set-Up and Operation

Operates on IEEE 802.11b “WiFi” Standard

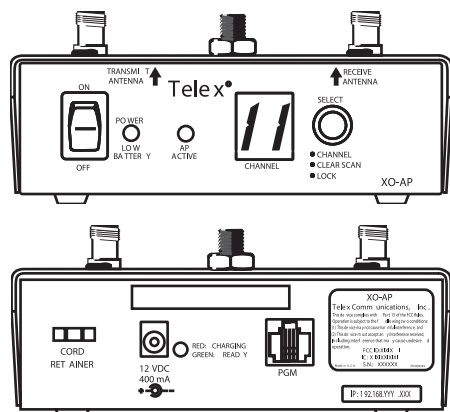
Operating Range Up To 800 ft, Line of Sight (Beltack to Base Station)

Low Battery Indicators on Beltack and Base Station

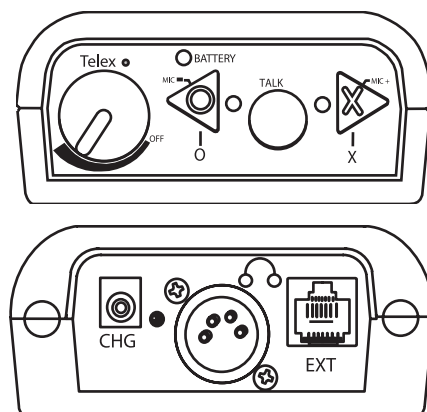
Battery Charge Indicators on Beltack and Base Station

Line Drawing

XO-AP



XO-1



Telex Legacy™ Specifications

Technology

2.4 GHz, IEEE 802.11b Wireless LAN Standard (WiFi)

FCC License

None Required (License Free Use)

Number of Users

2 to 14 Users per XO-AP Base Station (Full-Duplex)

Encryption

64 Bit (DES) Encryption Key

Battery Type

Lithium Ion Rechargeable (Base Station and Beltpack)

Battery Life – XO-AP

8-10 Hrs (Charge time 8 Hrs)

Battery Life – XO-1

6-8 Hrs (Charge time 6 Hrs)

Frequency Response

400 Hz to 5500 Hz

Dynamic Range

>75dB

Antenna

XO-1 Beltpack = Internal

XO-AP Base Station = External TNC-RP

Headsets

ONLY Dynamic Microphone can be used with XO-1 Beltpack

Battery Status Indicators

Included on XO-1 and XO-AP

Charge Status Indicators

Included on XO-1 and XO-AP

Mic Level Adjustment

Programmable on XO-1, with Voice Prompts

Channel Indicators

XO-1 Beltpack – YES, Green LED

XO-AP Base Station – YES, 7 Segment LED

Warranty

3 Year Warranty

XO-1 Beltpack

Weight: 12.0 oz

Dimensions: 5.25"L x 3.75"W x 1.68"H

XO-AP Base Station

Weight: 2 lb 3 oz

Dimensions: 6.00"L x 6.40"W x 2.00"H

Carry Case

Weight: 12 lb 8 oz (Case Only)

Dimensions: 23.50"L x 8.50"W x 20.50"H

Ordering Information

Legacy 3 3 User System, Includes Beltpacks, Base Station, Antenna and Carry Case
Catalog Number: 301950005

Legacy 4 4 User System, Includes Beltpacks, Base Station, Antenna and Carry Case
Catalog Number: 301950006

Legacy 5 5 User System, Includes Beltpacks, Base Station, Antenna and Carry Case
Catalog Number: 301950001

Legacy 6 6 User System, Includes Beltpacks, Base Station, Antenna and Carry Case
Catalog Number: 301950007

Legacy 7 7 User System, Includes Beltpacks, Base Station, Antenna and Carry Case
Catalog Number: 301950008

Legacy 8 8 User System, Includes Beltpacks, Base Station, Antenna and Carry Case
Catalog Number: 301950009

Legacy 9 9 User System, Includes Beltpacks, Base Station, Antenna and Carry Case
Catalog Number: 301950010

Legacy 10 10 User System, Includes Beltpacks, Base Station, Antenna and Carry Case
Catalog Number: 301950011

PH-100 Single Sided Headset with A4F connector
Catalog Number: 301581007LG

PH-200 Dual Sided Headset with A4F connector
Catalog Number: 301581002LG

HR-1 Single Sided Headset with A4F connector
Catalog Number: 300534007LG

HR-2 Dual Sided Headset with A4F connector
Catalog Number: 300534000LG

PH-1 Single Sided Headset with A4F connector
Catalog Number: 64438100LG

PH-2 Dual Sided Headset with A4F connector
Catalog Number: 64437100LG

LP-XO1 XO-1 Beltpack, Includes Battery Charger
Catalog Number: 301950002

LP-CC Legacy Carry Case, Includes Antenna and Flex Mount
Catalog Number: 301950004

LG-Y Headset Y Cable for Telex Legacy™
Catalog Number: 302054012

ANT-FP Dual Diversity, Flat Patch Antenna with Coax
Catalog Number: 302054001

ANT-FPM Tilt and Swivel Antenna Mount Bracket
Catalog Number: 302054000

XOB Adjustable Nylon Belt
Catalog Number: 302054002

Telex Legacy™ Systems do not include headsets. Headsets must be ordered separately. Only Telex® Headsets with dynamic microphones are compatible for use with Telex Legacy™ systems.

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

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