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 beltpacks, 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 beltpack. The XO-1 beltpacks 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 beltpacks. 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)
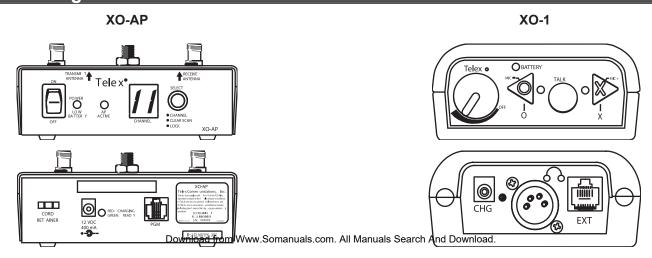
Easy Set-Up and Operation

Operates on IEEE 802.11b "WiFi" Standard

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

Low Battery Indicators on Beltpack and Base Station

Battery Charge Indicators on Beltpack and Base Station

Line Drawing

XO-AP

XO-1

Telex Legacy Specifications

Overall

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
>75 dB

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

Product Dimensions/Weight

XO-1 Beltpack
5.25"D x 3.75"W x 1.68"H (13.33cm x 9.53cm x
4.26cm),12 oz

XO-AP Base Station
6.00"D x 6.40"W x 2.00"H (15.24cm x 16.26cm x
5.08cm), 2 lb 3 oz

Carry Case
23.50"D x 8.50"W x 20.50"H (59.69cm x 21.59cm x
52.07cm), 12 lb 8 oz (Case Only)

Contact Information

Telex Communications, Inc.
12000 Portland Avenue South
Burnsville, Minnesota 55337
Telephone: 877-863-4169
Fax: (800) 323-0498

Form Number: LIT000062-000 Rev C
Date: August 2008

Shipping Dimensions/Weight

Telex Legacy
26"D x 9"W x 21"H (66.04cm x 22.86cm x 53.34cm),
24 lbs 4 oz (11 kg)

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.

Brand names mentioned are the property of their respective companies.

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