



**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 belt packs, 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 belt pack. The XO-1 belt packs 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 belt packs. 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.

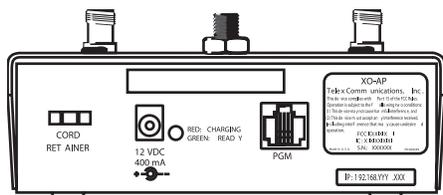
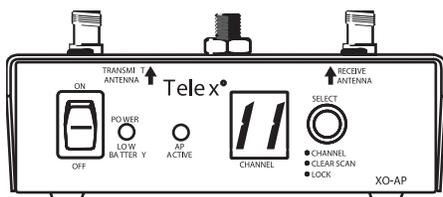
### Features

- 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)

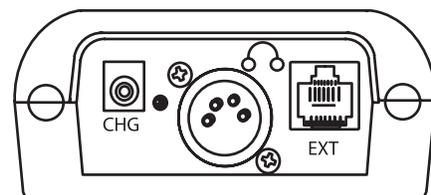
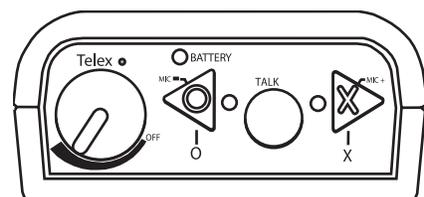
- Easy Set-Up and Operation
- Operates on IEEE 802.11b "WiFi" Standard
- Operating Range Up To 800 ft, Line of Sight (Beltpack to Base Station)
- Low Battery Indicators on Beltpack and Base Station
- Battery Charge Indicators on Beltpack and Base Station

### 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.