



Genasys™

LRAD® WIRELESS KIT

Communicate Clearly from Safe Distances



ORDERING INFORMATION

WIRELESS-KIT-US

Wireless operation of LRAD systems at ranges out to 200 meters, 3.5mm phone jack connects to a standard MP3 audio device (UHF, US only). Lightweight hypercardioid headset microphone, belt pouch, wireless transmitter & receiver, MP3 player, battery.

OPTIONAL ACCESSORIES

Shoulder Microphone

Features redundant PTT switch and microphone with clothing clip.

FEATURES

- › Transmit to up to 16 systems simultaneously
- › Wireless operation out to 200 meters
- › Push to talk (PTT) button to engage the microphone. A latching lever locks the PTT in the ON position for hands-free use
- › Built-in alert tone button
- › UHF synthesized frequencies for both the transmitter & receiver provide 188 user selectable frequencies. Dual antenna finds the strongest signal for low noise performance
- › Selectable RF output allows selection between 5mW output power and 30mW output. 5mW is suitable for indoor, simultaneous, multi-channel operation; 30mW is intended for outdoor, long-range use
- › Transmitter & receiver feature a comprehensive LED display providing channel and frequency information, battery life, total usage time and more
- › 3.5mm microphone and line level inputs enable wireless transmission of microphone or line level signals from hand-held MP3 player
- › Operates up to 8 hours on 2 AA alkaline batteries

MARKETS SERVED

- › Law Enforcement
- › Defense
- › Commercial Security
- › Homeland Security
- › Incident Management
- › Emergency Warning
- › Mass Communication



LRAD® WIRELESS KIT

Communicate Clearly from Safe Distances

COMMUNICATE FROM SAFE STANDOFF DISTANCES

The lightweight and compact LRAD wireless kit enables wireless operation of LRAD systems from close range out to 200 meters. The integrated push to talk button and large volume control knob allow simple one-handed operation. A 3.5 mm phone jack connects to a standard MP3 player or other audio device used in conjunction with the headset microphone.

Featuring advanced technology, the receiver stabilizes reception and minimizes RF interference by selecting the strongest incoming signal. Additionally, the antennas swivel to achieve even stronger reception. An LCD display provides channel & frequency information, battery life, RF input level, audio output status and accumulated operating time. The receiver operates on power from the LRAD interface connector.

SYSTEM PERFORMANCE

| | |
|--------------------------------|-------------------------------|
| Type of System | UHF Wireless System |
| RF Carrier Frequency Range | 466 to 590 MHz (U.S. Version) |
| Approx. Working Range | Out to 200m |
| Frequency Response | 40Hz to 18kHz |
| Signal-to-Noise Ratio | 60dB |
| Number of Channels | 188 |
| Number of Simultaneous Systems | 16 |

RECEIVER PERFORMANCE

| | |
|--------------------|---|
| Type of Receiver | Space Diversity, Crystal-Controlled PLL Synthesizer |
| Type of Outputs | MIL-DTL-38999 LRAD compatible hookup |
| Power Requirements | DC 3.0V (receives power from LRAD) |
| Display | LCD Display |
| Mounting Options | Attaches to MP3 player clip on LRAD |
| Antenna Type | Two (2) 1/4 Wave Wire |
| Dimensions (WxHxD) | 5.5in x 4.5in x 1.5in (14cm x 11.4cm x 3.8cm) |
| Weight Approx. | 18.2 oz (516 g) |

TRANSMITTER PERFORMANCE

| | |
|---------------------------|---|
| Type of Transmitter | Crystal-Controlled UHF PLL Synthesized |
| Type of Input Connector | Mic and Line – Two Mini Microphone Connectors (3.5mm) |
| Type of Microphone | Head-worn dynamic cardioid |
| Battery Type/Approx. Life | 2 AA alkaline batteries; Up to 8 hours |
| Level Control | Microphone level control |
| Antenna Type | Miniature 1/4 Wave Length Helical Antenna |
| Display | LCD Display |
| Dimensions (HxWxD) | 4in x 4 in x 1in (10.2cm x 10.2cm x 2.5cm) |
| Weight | 8.1 oz. (145g); with battery |



Genasys – The Critical Communications Company

Genasys is a global provider of critical communications systems and solutions to help keep people safe. Genasys systems are in service in 72 countries and in more than 450 U.S. cities in diverse applications, including public safety, emergency warning, mass notification, critical event management, defense, law enforcement, homeland security and many more.

For more information, visit genasys.com.



LRAD products are available for purchase through multiple channels including: GSA Advantage, Federal and State grants, FEMA RKB Standardized Equipment List (SEL), and others. More information: sales@genasys.com

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