

Portable 2 Watt Repeater



REPEATER

Portable Repeater

The Portable Repeater is compatible with all narrow-band VHF high band FM transmitters and receivers of matching frequency.



Compact size

Rechargeable
battery pack

2 - Watt
power output

Cat. No.	Description	
96369	Portable Repeater:	\$3,195.00
96369-10	Scrambled Portable Repeater:	\$3,295.00
96369B	Rechargeable Battery Pack:	\$425.00

FEATURES:

- Designed for tactical or covert use
- Six to eight hours of continuous transmit
- Four day stand-by operation mode, using optional Model 96369B battery pack with factory fresh batteries @ 68°F (20°C)
- Crystal-controlled, narrow-band FM

EQUIPMENT INCLUDED:

- DC power cable
- Antenna
- One transmit and one receive channel crystal installed

SYSTEM:

- Frequency Range: 150 to 174 MHz (Standard) 136 to 150 MHz (Available)

- Channel Capacity: One receive, one transmit.
- Crystals for one channel pair supplied standard
- Channel Separation: 4.5 MHz minimum, 10 MHz maximum between transmit and receive frequencies
- Operating Mode: Carrier actuation

RECEIVE SECTION:

- Sensitivity: Better than -115 dBm microvolts for 12 dB SINAD.
- Selectivity: Better than 6 dB @ ± 6.5 kHz; 60 dB @ ± 17.5 kHz
- Spurious & Image Attenuation: Better than 70 dB
- Modulation Acceptance: ± 6 kHz

TRANSMIT SECTION:

- Frequency Stability: ± 10 ppm from -22°F (-30°C) to 122°F (50°C)

- RF Power Output: Two Watts
- Spurious & Harmonic Attenuation: Better than 55 dBc
- Modulation: Narrow-band FM, voice or tone

GENERAL:

- Antenna: 50 Ohm, BNC connector
- Scrambler Mode: Receive clear/transmit scrambled. Requires factory installation of optional voice scrambler.
- Power Requirements: 12 to 14 VDC @ 1 amp
- Operating Temp. Range: -22°F to 122°F
- Operating Time: 250 hours standby typical, 6 to 8 hours continuous transmit typical Size: 10-1/8" x 5-5/8" x 1-1/2" (25.7 x 14.5 x 3.8 cm) Weight: 2 lbs. 9 oz. (1.16 kg)



www.leacorp.com



Book Bag Repeater

Book Bag Repeater

The Book Bag Repeater is compatible with all narrow-band VHF high band FM transmitters of matching frequency.



Cat. No.	Description	
Cat. # 96389	Book Bag Repeater:	\$3,295.00
Cat. # 96389S	Scrambled Book Bag Repeater:	\$3,395.00
Cat. # 96369B	Rechargeable Battery Pack	\$425.00

FEATURES:

- Designed for tactical or covert use
- Six to eight hours of continuous transmit
- Four day stand-by operation mode, using optional Model 96369B battery pack with factory fresh batteries @ 68°F (20°C)
- Crystal-controlled, narrow-band FM

EQUIPMENT INCLUDED:

- DC power cable
- Antenna
- One transmit and one receive channel crystal installed

SYSTEM:

- Frequency Range: 150 to 174 MHz (Standard) 136 to 150 MHz (Available)

- Channel Capacity: One receive, one transmit.
- Crystals for one channel pair supplied standard
- Channel Separation: 4.5 MHz minimum, 10 MHz maximum between transmit and receive frequencies
- Operating Mode: Carrier actuation

RECEIVE SECTION:

- Sensitivity: Better than -115 dBm microvolts for 12 dB SINAD.
- Selectivity: Better than 6 dB @ ± 6.5 kHz; 60 dB @ ± 17.5 kHz
- Spurious & Image Attenuation: Better than 70 dB
- Modulation Acceptance: ± 6 kHz

TRANSMIT SECTION:

- Frequency Stability: ± 10 ppm from -22°F (-30°C) to 122°F (50°C)

- RF Power Output: Two Watts
- Spurious & Harmonic Attenuation: Better than 55 dBc
- Modulation: Narrow-band FM, voice or tone

GENERAL:

- Antenna: 50 Ohm, BNC connector
- Scrambler Mode: Receive clear/transmit scrambled. Requires factory installation of optional voice scrambler.
- Power Requirements: 12 to 14 VDC @ 1 amp
- Operating Temp. Range: -22°F to 122°F
- Operating Time: 250 hours standby typical, 6 to 8 hours continuous transmit typical Size: 10-1/8" x 5-5/8" x 1-1/2" (25.7 x 14.5 x 3.8 cm) Weight: 2 lbs. 9 oz. (1.16 kg)



1.800.354.9669

Programmable Gym Bag Repeater



REPEATER

Gym Bag Repeater

This fully-synthesized, multi-channel VHF-VHF Gym Bag Repeater has a frequency range of 150-174 MHz. The repeater produces two watts of RF power into a 50-ohm load with a 12 VDC input. The unit may be powered from any external source providing 12 to 15 VDC with a minimum capacity of 1 Ampere. The 96771 has 16 programmable receive channels and 2 programmable transmit channels with 3.5 MHz minimum channel spacing between receive and transmit channels and a maximum spread of 2.0 MHz between channels. The 96771 is fully compatible with both AGC and compandered transmitters. It also has both Narrow (12.5 KHz) and Wide (25 KHz) bandwidth receive capabilities. Transmit is Narrow (12.5 KHz).



Cat. No.	Description	
96771	Gym Bag Repeater:	\$3,695.00
96771S	Scrambled Gym Bag Repeater:	\$3,795.00

FEATURES:

- 5 Recording speeds
- Unique disguise
- Playback with earphones
- Hidden internal mic

APPLICATIONS:

- Use in health clubs, on the beach, college campuses and playgrounds
- Use with the baseball cap transmitter

SPECIFICATIONS:

- Frequency Range: 150-174 MHz
- Channel Capacity: One receive, one

- transmit;
- crystals for one channel pair supplied standard
 - Channel Separation: 4.5 MHz minimum, 10 MHz maximum between transmit and receive frequencies
 - Operating Mode: Carrier actuation
 - Operating Temperature: -30°C to +60°C
 - Sensitivity: Better than 0.35 microvolts for 12 dB SINAD
 - Selectivity: Adjacent channel, Rejection = -60 dB
 - Spurious and Image Attenuation: Better than 70 dB
 - Modulation Acceptance: ± 7 kHz
 - Frequency Stability: $\pm 0.005\% \pm 5$ PPM -30°C to

- +60°C
- RF Power Output: 2 Watts
- Spurious and Harmonic Attenuation: Better than -47 dBc
- Antenna: Rubber duck
- Power Requirements: Internal battery pack with external 120V AC charger