# **FM Portable Transmitter**







Lavalier Mic (LA-261)



Over-The-Ear Mic (LA-268)

channels; can

be locked on

LT-700 Side View

Exclusive

belt clip

prevents

unit from

slipping off

These headsets combine cabling for both a transmitter and a

receiver in one unit.

"loop"

channel



Noise Canceling Mic (LA-270)



Line/Microphone "Y Cable (LA-263)





Headset Mic with Earphone (LA-272)



Over-The-Far Mic with Farphone (LA-273)

### LT-700 Portable Transmitter

A Protective Pouch

option is also

Mechanical

users from

accessing

hatteries

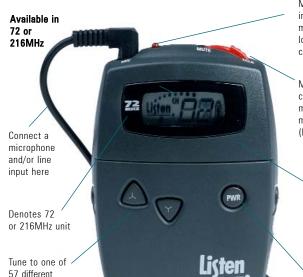
lock prevents

available for the

LT-700 (LA-319)

Transformer Charging

Power Option plugs in here (LA-202)



Multifunction LED indicates when the microphone is muted, low battery and charging status

Mute switch for private conversations - when muted, LED will indicate mute with fast flash (line input not muted)

## Awesome!

Display at-a-glance verification of battery level

effectiveness.

Look & Listen" channel selection, channel lock, and

Power ON/OFF

Antenna is built into microphone cord for maximum transmission eliminating additional

dangling wires

### LT-700 Specifications

#### RF Frequency Range:

72MHz: 72.025 - 75.950 MHz 216MHz: 216.0250 MHz - 216.975 MHz

Sensitivity: .6 uV typical, 1 uV maximum for

12dB SINAD

#### Signal to Noise Ratio\*:

80dB with SQ enabled (72 and 216MHz). 60dB (72MHz), 50dB (216MHz) with SQ disabled

Frequency Response: 50 to 15 KHz +/-3dB (10KHz at 216 MHz)

Distortion\*: <2% THD Transmitter Stability: 50 PPM Output Power:

72MHz: 8000uV at 3m (≈20mW) 216MHz: 100mW (Max allowed by FCC)

Antenna: Uses microphone cable

#### Available Channels:

72MHz: 17 wide band, 40 narrow band 216MHz: 19 wide band. 38 narrow band

Programming: Front panel can be locked by holding down the SEEK button for five seconds

Physical: 3.0 in (7.6cm) W x 1.0 in (2.5cm) D x 5.0 in (13.0cm) H

Weight: 0.4 lb (0.18 kg) with batteries Door: Channel and ON/OFF buttons are accessible through the door, lockable

Power: Two AA batteries, alkaline or NiMH rechargeable: external power connector 7.5 VDC, center positive, <300mA

Battery Charging: Fully automatic, < 14 hours Phantom Power: Included for microphone,

#### Battery Life:

16 hours with high capacity alkaline 8 hours with rechargeable NiMH

Microphone Input: -55dBm, 50 ohms, unbalanced, tip of 3.5mm connector

Line Input: -10dBm, 10k ohms, unbalanced,

\* System Specifications: End-to-end

# Receiver & Portable Transmitter Charging Options

Listen's exclusive SmartCharge™ technology makes recharging assistive listening products easier than ever! Listen offers four charging options to conveniently recharge advanced Nickel Metal Hydride (NiMH) batteries within its products.



- 4, 8 and 16 unit options available
- Automatic drop-in charging (on 8 and 16 Unit models)
- A secure place for earphones to prevent cable tangling
- Simple and easy storage, handling and charging of your Listen system
- Removable lid options also available



LA-311 16-Unit Drop In Charging/Carrying





Switch to select alkaline or rechargeable NiMH batteries

Fast, no-fuss removal and replacement of batteries, if required





LA-321 8-Unit Drop In Charging/ Carrying Case



LA-317 4-Unit Charging/Carrying Case



#### Power/Charging Transformer (LA-202)

- An ideal, economical solution for charging a small number of units
- One transformer charges one unit



### 12VDC Automobile Power/Charging Transformer (LA-305)

- Plugs into the product and into a motor vehicle's 12V connector
- One transformer charges one unit

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