

FM Portable Transmitter



- ### LT-700 Mic Options
- Lavalier Mic (LA-261)
 - Headset Mic (LA-262)
 - Over-The-Ear Mic (LA-268)
 - Noise Canceling Mic (LA-270)
 - Hand Held Mic (LA-274)
 - Line/Microphone "Y" Cable (LA-263)

LT-700 Portable Transmitter

Available in 72 or 216MHz



Connect a microphone and/or line input here

Denotes 72 or 216MHz unit

Tune to one of 57 different channels; can be locked on channel

A Protective Pouch option is also available for the LT-700 (LA-319)

LT-700 Side View

Transformer Charging Power Option plugs in here (LA-202)

Exclusive belt clip prevents unit from slipping off

Mechanical lock prevents users from accessing batteries

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!

Look & Listen™ Display – at-a-glance verification of channel selection, channel lock, and battery level

Power ON/OFF

Antenna is built into microphone cord for maximum transmission effectiveness, 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, 3VDC

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, ring of 3.5mm connector

* System Specifications: End-to-end

- ### Mic with Earphone Options
- Headset Mic with Earphone (LA-272)
 - Over-The-Ear Mic with Earphone (LA-273)

These headsets combine cabling for both a transmitter and a receiver in one unit.

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.

Option 1: Listen's Charging/Carrying Cases with power supply

- 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 Case



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



LA-317 4-Unit Charging/Carrying Case

Switch to select alkaline or rechargeable NiMH batteries

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



Option 2: Power/Charging Transformer (LA-202)

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



Option 3: 12VDC Automobile Power/Charging Transformer (LA-305)

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