



Configuration:

- LT-700-072 Portable Display RF Transmitter (72 MHz)
- LT-700-216 Portable Display RF Transmitter (216 MHz)
- LT-700-863 Portable Display RF Transmitter (863 MHz)

Product Overview:

The Listen LT-700 Portable Transmitter (discontinued) is used to wirelessly broadcast audio for a variety of portable applications. Whether its voice or music, you can broadcast your audio to everyone in the audience without having to carry a microphone or be plugged into a wall. The LT-700 is excellent for factory tours, outdoor events, wireless microphone applications, classrooms, training, or personal use - anywhere you need to amplify sound, but don't have (or want) an installed system. With the many features of the LT-700, portable transmission has never been easier for users!

Highlights:

- Superior Audio Quality - 80 dB signal-to-noise ratio, setting the industry's sound quality standard
- A choice between 57 channels, complete antenna and accessory options make Listen products ideal for a wide range of applications
- Look & Listen™ LCD shows channel, battery status, and programming information
- 100 % Digital - Listen receivers are digitally-tuned so transmission won't drift; assurance that when you select a channel, it stays on the channel
- Transmit up to three (3) channels simultaneously.
- Uses standard alkaline or NiMH batteries
- Transformer charging plug or drop in charging contacts
- Built in SmartCharge™ won't allow batteries to overcharge. Charging circuitry is conveniently built into Listen's LT-700 Transmitter; never worry about unplugging a transformer at a certain time
- Mute switch
- Mic and/or line level inputs

Includes:

- One (1) LT-700 Portable Display RF Receiver
- One (1) Owner's manual (72 MHz & 216 MHz)

Product Specification: Portable Display RF Transmitter (216 MHz) (Discontinued)	
Audio	
Frequency Response	50 - 10 kHz (±3 dB)
Signal-to-Noise Ratio	SQ enabled: 80 dB; SQ disabled 60 dB
Distortion	< 2% total harmonic distortion (THD) at 80% deviation
Microphone Input	Unbalanced, tip of 3.5 mm connector, -45 dBu nominal input level, -30 dBu maximum, impedance 20k Ohms
Microphone Sensitivity	Three position switch: high, middle, and low; 6db increments
Microphone Power	5VDC Bias
Line Input	Unbalanced, ring of 3.5mm connector, -10dbu nominal input level, -3dbu maximum, impedance 10K ohms

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Controls	
User Controls	Power, mute, channel UP/DOWN, Mic sensitivity, NiMH/alkaline battery, SQ enable/disable
Programming	Channel Lock out, Channel lock
Indicators	
LCD	Channel Designation, lock status, signal strength indication, battery life, RF Power
LEDs	Red, illuminated when unit is on. Flashes when batteries are low, or to indicate charging. Flashes when muted
RF	
Frequency Range	216.0125 - 216.9875 MHz
Number of Channels	19 wide band, 38 narrow band
Frequency Accuracy	± .005% stability 32 to 122° (0 to 50°C)
Antenna Type	Microphone cable
Transmitter Stability	50 PPM
Transmission Range	From 0 to 150 ft. (45.7 m)
Antenna Connector	3.5 mm connector
Output Power	Less than 100mW
Number of Simultaneous Transmitters	3
Power	
Power Supply	I/P 120VAC; O/P 7.5VDC 250 mA; Drop in contact points for use with charging cases. Power supply not included (LA-208)
Power Supply Connector	2.3mm OD by 0.7mm ID, barrel type connector 7.5 VDC, center positive < 250mA. Drop in contact points for use with Listen charging cases
Battery Type	Two AA batteries, alkaline or NiMH
Battery Life	15 hours alkaline (LA-361), 15 hours NiMH rechargeable (LA-362)
Battery Charging Time	Fully automatic, 13 hours
Compliance	RoHS, WEEE, UL, PSE, CE, CUL, TUV, CB compliant
Physical	
Width	3.00 in. (7.6 cm)
Height	5.00 in. (13.0 cm)
Depth	1.00 in. (2.5 cm)
Color	Dark Grey with white silk screening
Unit Weight with Batteries	5.8 oz. (164 g)
Shipping Weight	1.0 lbs. (0.5 kg)
Weight	3.9 oz. (111 g)
Door	Manually lockable, controls accessible through doors
Environmental	
Temperature - Operation	14 to 104° F (-10 to 40° C)
Temperature - Storage	-4 to 122° F (-20 to 50° C)

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Relative Humidity	0 to 95% relative humidity, non-condensing
Compliance	
Safety	RoHS
RF	FCC Part 15, Industry Canada