



Product Overview:

The LR-300-072 Portable Digital RF Receiver provides the same unbeatable audio performance as our full-featured receiver line in a simple, affordable package. Capable of receiving the 17 most common wide-band channels, the LR-300-072 features convenient recharging options, strong signal reception and audio clarity, and a multi-function LED in place of the LCD screen available on our other digital receivers.

Note: The LR-300 is available only for use on the 72 MHz frequency, and is approved for assistive listening use in the U.S. by the FCC. Check with your local government for specific regulations regarding broadcast frequencies in your country.

Highlights:

- Superior audio quality from the 80 dB signal-to-noise ratio (SNR)
- Compatible with 17 common wide-band frequencies
- 100% digital for improved signal strength and clarity
- Works with alkaline and NiMH rechargeable batteries
- Built-in Smart Charge (TM) technology prevents battery overcharging and extends battery life
- Drop-in charging contacts for use with Listen Technologies charging cases
- Backed by Listen Technologies’ limited lifetime warranty and hassle-free support

Includes:

One (1) LR-300 Portable Digital RF Receiver
One (1) Quick Reference Card

Product Specification: Portable Digital RF Receiver (72 MHz)	
Audio	
Frequency Response	50 Hz - 15 kHz (±3 dB)
Signal-to-Noise Ratio	SQ enabled 80 dB, SQ disabled 60 dB
Audio Output Jacks	3.5 mm (0.14 in.) connectors, unbalanced, 0 dBu nominal output level, 16 mW maximum, impedance 32 ohms
Distortion	< 2% total harmonic distortion (THD) at 80% deviation
Controls	
User Controls	SEEK, volume, Alkaline/NiMH batteries, SQ enable/disable
Programming	Channel lock
Indicators	
LCD	None
LEDs	Red, illuminated when unit is on, flashes when batteries are low or to indicate charging, flashes when locked and SEEK is pushed
RF	
Frequency Range	72.025 - 75.975 MHz
Number of Channels	17 wide band
Sensitivity	.6uV typical, 1 uV maximum for 12 dB sinad

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Frequency Accuracy	± .005% stability 32 to 122 °F (0 to 50 °C)
Squelch	Yes, non-adjustable
Antenna Type	Uses earphone cable
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 (2) AA batteries, alkaline or NiMH
Battery Life	30 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	2.75 in. (7.0 cm)
Height	4.25 in. (10.8 cm)
Length	1.50 in. (3.8 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, SEEK behind door
Environmental	
Temperature - Operation	-10 °C (14 °F) to +40 °C (104 °F)
Temperature - Storage	-20 °C (-4 °F) to +50 °C (122 °F)
Relative Humidity	0 to 95% relative humidity, non-condensing
Compliance	
Safety	RoHS
RF	FCC Part 15, Industry Canada