



Product Overview:

The LR-200-072 Standard 3-Channel RF Receiver (72 MHz) offers is a solution for assistive listening where simplicity and cost are important. The unit gives the user a choice between three different preset frequencies that will be transmitted in the area. The receiver can be used with any of Listen's current headphones. The LR-200-072 is also included in Listen's LP-3CV-072 for a more affordable ALS package.

Highlights:

- Economical price - backed by Listen's exceptional service and support
- Three (3) channels - makes it simple to install, manage and use with a simple set switch
- Long battery life at 120 hours on alkaline, 75 hours NiMH rechargeable
- One step digital tuning - receiver won't drift off channel
- Limited Lifetime Warranty
- Reliable clear sound quality - 62 dB Signal-to-noise ratio (SNR)
- Universal headphone jack offers mono or stereo output -accommodates any version or brand of earpiece
- Ensures public venues meet ADA requirements
- 30-day no obligation demonstrations available

Includes:

- One (1) LR-200-072 Standard 3-Channel RF Receiver (72 MHz)
- One (1) Quick Reference Card

Architectural Specification:

The RFreceiver shall be capable of receiving on three wide band channels.The receiver shall have an SNR of 62 dB or greater. The device shall have an audio frequency response of 50 Hz to 15 KHz, ± 3 dB at 72 MHz. The device shall incorporate a stereo headset jack that allows the user to plug in either a mono or stereo earphone(s). The unit shall operate with (2) AA batteries. The receiver shall incorporate automatic battery charging circuitry for recharging of NiMH batteries. The device shall have a switchable option for the use of (2) alkaline or (2) NiMH batteries. The Listen LR-200-072 is specified.

Product Specification:Standard 3-Channel RF Receiver (72 MHz)	
Audio	
Frequency Response	50 Hz - 15 kHz (± 3 dB)

Signal-to-Noise Ratio	62 dB (A Weighted)
Distortion	<2% total harmonic distortion (THD) at 80% deviation
Output/s	One (1) 3.5 mm (0.14 in.) connectors, unbalanced, 0 dBu nominal output level, 16 mW maximum, impedance 32 ohm
Controls	
User Controls	ON/OFF, volume Set Up: Alkaline/NiMH batteries, channel switch Manually lockable door
Indicators	
LEDs	Red, illuminated when unit is on or to indicate charging, flashes when batteries are low
LCD	None
RF	
Number of Channels	Three (3) Wide Band - (A) 72.100, (E) 72.900, (H) 75.900
Sensitivity	.6uV typical, 1 uV maximum for 12 dB sinad
Frequency Accuracy	± .005% stability 32 to 122 °F (0 to 50 °C)
Antenna Type	Uses earphone cable
Squelch	None
Power	
Battery Type	Two (2) AA batteries, alkaline or NiMH
Battery Life	120 hours alkaline (LA-361), 75 hours NiMH rechargeable (LA-362)
Battery Charging Time	Fully automatic, 10-12 hours under normal use
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-202)
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
Physical	
Dimensions (H x W x D)	4.25 x 2.75 x 1.50 in. (10.8 x 7.0 x 3.8 cm)
Color	Dark grey with white silk screening and dark lens
Weight	3.1 oz (88 g)
Unit Weight with Batteries	5.2 oz (147 g)
Shipping Weight	1.0 lbs. (0.5 kg)
Environmental	
Temperature - Operation	-10 °C (14 °F) to +40 °C (104 °F)

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Temperature - Storage	-20 °C (-4 °F) to +50 °C (122 °F)
Relative Humidity	0 to 95% relative humidity, non-condensing
Compliance	
RF	FCC Part 15, Industry Canada, RoHS
Power Supply Compliance	RoHS, WEEE, UL, PSE, CE, CUL, TUV, CB compliant