Configuration:

LR-3200-072 Basic DSP RF Receiver (72 MHz)

Product Overview:

The LR-3200-072 receiver from Listen Technologies offers outstanding audio clarity and quality with the best range and reception in its class.

Part of our Intelligent Digital Signal Processing (iDSP) line, the LR-3200-072 is the smallest device of its kind, resulting in a compact unit that won't burden the end user. An integrated neck loop/lanyard makes each receiver easy to wear, and the DSP loop driver offers an improved listening experience for anyone with a T-coil-equipped hearing aid. Dual 3.5mm output jacks also allow receivers to be shared between users.

Each receiver is equipped with a micro USB connection which can be used with free iDSP software for charging, set up, programming, inventory management and firmware updates.

Extended speaking sessions, presentations and more can be challenging for other devices, but the LR-3200-072 incorporates advanced Lithium-ion rechargeable batteries that offer long life and reliable power.

Highlights:

- RF receiver offering best-in-class sensitivity and sound
- Integrated neck loop/lanyard with DSP loop driver for an enhanced T-coil listening experience
- Smallest device of its kind makes it easier to wear and use and for venues to dispense, store and maintain
- Limited lifetime warranty with hassle-free support
- Lanyard and belt clip options offer convenient and discreet choices for the end-user
- Advanced rechargeable battery technology eliminates the costs and hassles associated with frequent battery replacement
- Designed for single-channel applications

Includes:

One (1) LR-3200-072 Intelligent DSP RF Receiver (72 MHz)* *The LR-3200-072 comes with a quick start guide and a non-proprietary field replaceable Lithium-ion battery.

Product Specification: Basic DSP RF Receiver (72 MHz)	
Audio	
System Distortion	< 1% total harmonic distortion (THD) at 80% deviation
Output/s	Two (2) 3.5 mm (0.14 in.) connectors, unbalanced, 0 dBu nominal output level, 50 mW maximum, impedance 32 ohm

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Product Specification: Basic DSP RF Receiver (72 MHz)	
System Frequency Response	50 Hz - 15 kHz (±3 dB)
System Signal to Noise Ratio	SQ disabled 70 dB, SQ enabled 80 dB
Controls	
User Controls	Power, up/down volume
Programming	Via software and USB port
Set-up Controls	Press and hold up/down volume buttons for 5 seconds to enter channel adjust, use up/down to select channel
Indicators	
LEDs	Flashes when batteries are low or to indicate charging, solid when fully charged
RF	
Frequency Range	72.0250 - 75.9500 MHz
Number of Channels	Basic Mode: 3 wide Band, Expand Mode: 17 wide band
Sensitivity	.6uV typical, 1 uV maximum for 12 dB sinad
Frequency Accuracy	± .005% stability 32 to 122 ºF (0 to 50 ºC)
Squelch	Fixed level, automatic on loss of RF signal
Antenna Type	Uses ear phone/neck loop lanyard and short ear phone cable or standard earphone cable
Power	
Battery Type	Lithium Ion 3.7 Vdc, 1200 mAh
Battery Life	24 Hours of continuous use
Battery Charging Time	Fully charged in 2.5 Hours
Power Supply	Micro USB connector, 5 V, 500 mA
Physical	
Color	Black
Unit Weight	1.60 oz. (45 g)
Unit Weight with Batteries	2.40 oz. (68 g)
Shipping Weight	3.20 oz. (91 g) with 1.0 lbs. (454 g) minimum
Dimensions (H x W x D)	3.75 x 2.00 x 0.64 in. (9.6 x 5 x 1.7 cm)
Dimensions with Belt Clip	3.75 x 2.00 x 0.80 in. (9.6 x 5.0 x 2.1 cm)
Environmental	
Temperature - Operation	14 to 104 ºF (-10 to 40 ºC)
Temperature - Storage	(-)4 to 122 °F (-20 to 50 °C)
Relative Humidity	0 to 95% relative humidity, non-condensing
Compliance	
Standards	FCC Part 15 Class B, Industry Canada ICES-3 (B), RoHS

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