

**Advanced Intelligent DSP RF Receiver Package 1 (72 MHz)****Configuration:**

LR-5200-072-P1 Advanced Intelligent DSP RF Receiver Package 1 (72 MHz)

**Product Overview:**

The LR-5200-072-P1 makes it easy to order all the components you need for an exceptional listening experience. The package includes the LR-5200-072 iDSP receiver, integrated neck loop/lanyard, and universal ear speaker making it ideal for personal use in venues with existing 72 MHz assistive listening systems.

With Listen's unique DSP SQ™ noise reduction technology, users experience 20 dB less noise and hiss than any other listening device. Advanced green battery technology dramatically reduces costs of ownership and hassles while reducing the number of batteries in landfills. A field replaceable Lithium-ion battery is included with the unit. The integrated neck loop / lanyard with DSP loop driver, improves the listening experience for T-coil users. iDSP is the smallest device of its kind, making it easier to wear and easier for venues to dispense, store and maintain.

The LR-5200-072 has an OLED display to program channel names, monitor battery status, channel status, and charge activation. Programmable channel select button allows user to cycle through active channels, seek to or lock to a channel. Connect the iDSP neck loop/lanyard or ear phones via two 3.5 mm output jacks (ear phones could be shared). The Micro USB connection is used with included iDSP software for charging, set up, programming, inventory management and firmware updates.

**Highlights:**

- Complete Intelligent DSP receiver package makes ordering and specifying intelligent receiver solutions easy!
- Ideal for personal use in venues with existing 72 MHz assistive listening systems
- Includes LR-5200 receiver, integrated neck loop/lanyard and ear speaker
- Advanced DSP SQ™ noise reduction technology delivers 20 dB less noise and hiss than any other listening device
- Integrated neck loop / lanyard with DSP loop driver improves the listening experience for T-coil users
- Smallest device of its kind makes it easier to wear and for venues to dispense, store and maintain
- Limited Lifetime Warranty with hassle-free support
- Can be worn around the neck, with the belt clip, or concealed in a pocket, making it the most discreet listening device on the market
- Advanced green battery technology dramatically reduces costs of ownership and hassles while reducing the number of batteries in the landfill
- Use for multi-channel applications where the users need the convenience of changing the channels themselves

**Includes:**

- One (1) LR-5200-072 Advanced Intelligent DSP RF Receiver (72 MHz)
- One (1) LA-430 Intelligent Ear Phone/Neck Loop Lanyard
- One (1) LA-401 Intelligent Ear Speaker

## Advanced Intelligent DSP RF Receiver Package 1 (72 MHz)

One (1) Quick Start Guide

One (1) field replaceable Lithium-ion battery

### Architectural Specification:

LR-5200-072-P1 Advanced Intelligent DSP RF Receiver Package 1 (72 MHz) shall include (1) LR-5200-072 Advanced Intelligent DSP RF Receiver (72 MHz), (1) LA-430 Intelligent Ear Phone/Neck Loop Lanyard and (1) LA-401 Intelligent Ear Speaker. The package shall be capable of receiving on 57 wide and narrow band channels. The device shall have a programmable multi-function Listen button that can be tuned for the venues desired channels and electronically lock out any unused channels. The receiver shall have a signal-to-noise ratio of 80 dB or greater and shall have an audio frequency response of 50 Hz - 15 kHz ( $\pm 3$  dB). The device shall employ a unique DSP SQ<sup>TM</sup> noise reduction technology. The unit shall have a programmable squelch circuit. The unit shall incorporate a multi-functional display that indicates battery status, inventory number and channel. The device shall have the option of being lanyard or belt clip worn and the lanyard shall have the option of an integrated neck loop. The device shall have a USB connector used for inventory control, set up, charging and firmware upgrades. The device shall incorporate automatic battery charging circuitry and use a non-proprietary lithium ion battery. The device shall have additional charging contacts to allow multiply charging options. The device shall have an integrated ear phone and neck loop lanyard that uses an ear speaker with a cable length of no more than 13 inches (33cm).

The Listen LR-5200-072-P1 is specified.