LS-58-072

Listen iDSP Advanced Level III Stationary RF System (72 MHz)

Configuration:

LS-58-072 Listen iDSP Advanced Level III Stationary RF System (72 MHz)

Product Overview:

The LS-58 comes equipped with the LR-5200-072 receiver, Listen's new generation of personal listening products, iDSP or Intelligent Digital Signal Processing. The iDSP 72MHz receiver revolutionizes how an RF system works, offering precise clarity with 20 dB less hiss than other RF receivers.

The new integrated neck loop improves the experience for people who have hearing aids and cochlear implants with telecoils. Sleek and small, the iDSP receiver has a field replaceable, non-proprietary rechargeable lithium-ion battery, making obsolete the use of alkaline and NiMH batteries. Battery life is eight hours, with a 2.5-hour charge time.

The result is an innovative personal listening technology and solution that delivers an exceptional listening experience for end users and an optimal experience for the venues that provide listening devices.

Great for larger venues to deliver an optimum range of up to 1,500 ft. (457.2m). Includes the LA-381 drop-in charging/dispensing station for the Listen iDSP products. It is engineered for streamlined dispensing, collecting and care of the iDSP LR-5200 RF listening devices. The charging tray can be mounted several ways; wall, drawer, rack, or table top- all for easy dispensing. An optional cable management system can be ordered to keep the dispensing station looking neat and organized.

The included integrated neck loop/lanyard and signage ensures the system meets the minimum legislative requirements for veunes with a capacity up to 100.

Highlights:

- Advanced DSP SQTM 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
- Advanced green battery technology dramatically reduces costs of ownership and hassles while reducing the number of batteries in the landfill
- Includes drop-in charging/dispensing station for streamlined dispensing, collecting and care of up to (12) iDSP RF listening devices
- Ensures public venues deliver an exceptional listening experience while meeting new legislative requirements for assistive listening

Includes:

One (1) LT-800-072-01 Stationary RF Transmitter (72 MHz)
One (1) LA-122 Universal Antenna Kit (72 MHz and 216 MHz)

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One (1) LA-326 Universal Rack Mounting Kit
Four (4) LR-5200-072 Advanced Intelligent DSP RF Receiver (72 MHz)
Four (4) LA-401 Universal Ear Speaker
Two (2) LA-430 Intelligent Earphone/Neck Loop Lanyard
One (1) LPT-A107-B Dual RCA to Dual RCA Cable 6.6 ft. (2 m)
One (1) LA-381-01 Intelligent 12-Unit Charging Tray
One (1) LA-304 Assistive Listening Notification Signage Kit

Architectural Specification:

Furnish and install an RF wireless assistive listening system for use by the hearing-impaired. The assistive listening system (ALS) shall be capable of broadcasting on 57 channels and be frequency agile. The RF receiver 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 (±3 dB). The device shall employ a unique DSP SQTM 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. The lanyard shall have the option of an integrated DSP driven neck loop that automatically senses and sends optimized audio signals directly to hearing aids and cochlear implants equipped with telecoils. The neck loop shall have a field strength of 400 mA/m (+/- 3dB) and frequency response of 100Hz to 5kHz (+/- 3 dB ref 1kHz).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 ALS system shall have 80dB SNR or greater, end-to-end. Listen Technologies Corporation products are specified.

Furnish and install the following:

Listen Technologies LT-800-072-01 Stationary RF Transmitter (72 MHz) (Qty: 1 ea.)

Listen Technologies LA-122 Universal Antenna Kit (72 MHz and 216 MHz) (Qty: 1 ea.)

Listen Technologies LA-326 Universal Rack Mounting Kit (Qty: 1 ea.)

Listen Technologies LR-5200-072 Intelligent DSP RF Receiver (72 MHz) (Qty: 4 ea.)

Listen Technologies LA-401 Universal Ear Speaker (Qty: 4 ea.)

Listen Technologies LA-430 Intelligent Earphone/Neck Loop Lanyard (Qty: 2 ea.)

Listen Technologies LA-LA-381-01 Intelligent 12-Unit Charging Tray (Qty: 1 ea.)

Listen Technologies LPT-A107-B Dual RCA to Dual RCA Cable 6.6 ft. (2 m) (Qty: 1 ea.)

Listen Technologies LA-304 Assistive Listening Notification Signage Kit (Qty: 1 ea.)

Product Specification:Listen iDSP Advanced Level III Stationary RF System (72 MHz)	
Physical	
Shipping Weight	24.0 lbs. (10.87 kg)

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