



Configuration:

MH-4200-072 Meeting House Receiver

Product Overview:

The MH-4200-072 receiver is an LR-4200-072 with customized programming that incorporates Listen Technologies’ new generation of personal listening products, iDSP or Intelligent Digital Signal Processing.

With Listen’s unique DSP audio processing technology, users experience crystal clear audio that is pleasing to any user, with or without hearing loss. 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 MH-4200-072 has an OLED display to program channel names, monitor battery status, channel status, and charge activation. Connect the iDSP neck loop/lanyard or ear phones via two 3.5 mm output jacks (receivers can be shared). The Micro USB connection is used for charging and with the iDSP software suite for programming changes, inventory management and firmware updates.

The result is an exceptional listening experience in your meeting house chapel.

Highlights:

- 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
- 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 single channel applications

Includes:

One (1) MH-4200-072 Meeting House Receiver (LR-4200-072 with customized settings)*
One (1) Quick Start Guide *The MH-4200-072 comes with a non-proprietary, field replaceable Lithium-ion battery.

Product Specification: Meeting House Receiver	
Audio	
System Distortion	< 2% total harmonic distortion (THD) at 80% deviation
Output/s	Two (2) 3.5 mm (0.14 in.) connectors, unbalanced, 0 dBu nominal output level, 16 mW maximum, impedance 32 ohm
System Frequency Response	50 Hz - 15 kHz (±3 dB)
System Signal to Noise Ratio	SQ enabled 80 dB, SQ disabled 60 dB

Product Specification: Meeting House Receiver	
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
Display	Channel designation, battery level, unit number, charging status
RF	
Frequency Range	72.0250 - 75.9500 MHz
Number of Channels	17 wide band, 40 narrow band
Sensitivity	.6uV typical, 1 uV maximum for 12 dB sinad
Frequency Accuracy	± .005% stability 32 to 122 °F (0 to 50 °C)
Squelch	Programmable in 20 steps, automatic on loss of RF signal
Antenna Type	Uses ear phone/neck loop lanyard and short ear phone cable or standard earphone cable
Power	
Power Supply	Micro USB connector, 5 V, 500 mA
Battery Type	Lithium Ion 3.7 Vdc, 1200 mAh
Battery Life	8 Hours of continuous use
Battery Charging Time	Fully charged in 2.5 Hours
Physical	
Color	Black
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)
Unit Weight	1.60 oz. (45 g)
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 °F (-10 to 40 °C)
Temperature - Storage	(-)4 to 122 °F (-20 to 50 °C)
Relative Humidity	0 to 95% relative humidity, non-condensing
Compliance	
Standards	FCC Part 15, Part 90, Industry Canada, RoHS