



**Product Overview:**

Compatible with a wide range of transmitters, the LR-42 stethoscope receiver from Listen Technologies gives venues a reliable and user-friendly receiver option. Each unit can use either AAA alkaline or NiMH rechargeable batteries, providing users with up to 30 hours of clear, reliable audio performance. The built-in auto shutoff feature helps to extend that battery life by turning the unit off after 30 minutes of not receiving an audio signal.

The LR-42 stethoscope receiver is capable of receiving up to four (4) channels of audio in either mono or stereo, making it a compact and reliable solution for assistive listening needs including language interpretation, live theater, houses of worship, courtrooms, and a wide range of other venues.

**Highlights:**

- Secure and reliable infrared audio for applications where isolated signals or security is a matter of importance
- Stylish, all-in-one stethoscope design makes each unit easy to wear and easy to use
- Receives up to four (4) channels of crystal-clear audio in either stereo or mono
- Compatible with standard AAA alkaline or NiMH rechargeable batteries for up to 30 hours of listening
- Auto shutoff feature extends battery life by powering the receiver off after 30 minutes
- Comfortable, replaceable ear pieces for easy cleaning and maintenance

**Includes:**

- One (1) LR-42 IR Stethoscope 4-Channel Receiver
- One (1) LA-152 IR Receiver Battery Compartment (Non-Charging)
- One (1) Quick Reference Card

Product Specification: IR Stethoscope 4-Channel Receiver	
<b>Audio</b>	
Frequency Response	63 Hz - 15 kHz (+/- 3 dB)
Signal-to-Noise Ratio	Mono: > 60 dB Stereo: > 52 dB
System Distortion	< 2% total harmonic distortion (THD)
Audio Output Jacks	Built in Stethoscope speakers
Audio Output Power	20 mW maximum at 32 ohms
<b>Controls</b>	
User Controls	Volume, Power, Channel Select
Programming	Channel Lock, Auto Seek, Channel Lock-Out, Squelch
<b>Indicators</b>	
Unit Power	Indicated by current channel selection LED
Channel Selection	Red LED illuminates on the current channel selection
<b>RF</b>	

Product Specification: IR Stethoscope 4-Channel Receiver	
Carrier Frequencies	2.3 MHz, 2.8 MHz, 3.3 MHz, 3.8 MHz
Number of Channels	Four (4) selectable channels
IR Detectors	Two (2) detectors under front IR lens
Sensitivity	One (1) nW/cm <sup>2</sup> at 40 db SNR
Frequency Accuracy	+/- .005% stability 0 to 50C
Squelch	Automatic on loss of RF signal (40 dB SNR)
<b>Power</b>	
Battery Type	Two (2) AAA alkaline batteries or NiMH battery pack
Battery Life	30 hours alkaline, 15 hours NiMH rechargeable pack (LA-364)
Battery Charging Time	Fully Automatic with NiMH battery pack and LA-350 charger
<b>Physical</b>	
Width	4.00 in. (102 mm)
Height	1.80 in. (46 mm)
Depth	.75 in. (19 mm)
Length	Stethoscope Arm length 8 in. (203 mm)
Color	Dark Grey with White Silk Screening
Unit Weight with Batteries	2.95 oz. (85 g)
Shipping Weight	1.0 lb. (0.5 kg)
Weight	2.15 oz. (60 g)
<b>Environmental</b>	
Temperature - Operation	14 ?F (-10 ?C) to 104 ?F (+40 ?C)
Temperature - Storage	-4 ?F (-20 ?C) to (122 ?F)
Relative Humidity	0 to 95% relative humidity, non-condensing
<b>Compliance</b>	
Standards	FCC Part 15, Industry Canada, CE, RoHS