



**Configuration:**

CMR3 Hearing Loop Calibrated Measuring Receiver

**Product Overview:**

The CMR3 calibrated receiver is designed for measuring the performance of audio hearing loop systems. The audio output is within  $\pm 0.25$  dB over the frequency range and where used with a suitable audio analyzer such as the Milyser from Neutrik Ltd, the frequency response and field distribution of the magnetic field from any audio hearing loop system can be plotted.

Calibrated to provide 0 dBu output for a field strength of 400 mA/m RMS, in accordance with the international hearing loop standard IEC60118:4. It is an essential tool for anyone wishing to assess loop system performance for analyses or certification.

**Highlights:**

- Calibrated receiver designed for measuring the performance of audio hearing loop systems to the international hearing loop standard IEC60118:4.
- Accuracy with  $\pm 0.25$  dBu and compatible with most analyzers.
- Five year warranty back by Listen’s service and support.

**Includes:**

One (1) CMR3 Hearing Loop Calibrated Receiver

Product Specification: Hearing Loop Calibrated Measuring Receiver	
<b>Audio</b>	
Frequency Response	50 Hz to 8 kHz: $\pm 0.25$ dB, 30 Hz and 14 kHz: -3 dB, A-Weighted Filter: EN61672-1:2003 Sound Level Meter (Switched)
Gain Stability	Output variation over battery life: < 0.1 dB, Output variation due to loading: < 0.1 dB, Output variation over temperature range: < 0.25 dB, Over gain variation: < 0.5 dB
<b>Indicators</b>	
Battery Status	OK when LED Illuminated
<b>Interconnections</b>	
Headphone Connector	3.5 mm Stereo Balanced, > 600 Ohm
<b>Loop</b>	
Coil Orientation	Coil orientation vertical as indicated on unit
Reference Level	400 mA/m RMS - 0 dBu Audio Output (0.775 V)
<b>Power</b>	
Battery Type	Two (2) AA Alkaline
Battery Life	Approximately 200 hrs.
<b>Physical</b>	

Product Specification: Hearing Loop Calibrated Measuring Receiver	
Width	2.4 in. (62 mm)
Height	4.4 in. (112 mm)
Depth	1.0 in. (26 mm)
Shipping Weight	1.0 lbs. (454 g)
Weight	2.88 oz. (82 g)
Environment	IP20 Protection, 20 to 90% Relative Humidity, 14 F (-10 C) to 113 F (45 C)