



• IRRX: IR Assistive Listening Receiver

Using high frequency modulation at 2.3MHz the **Infra-Hear** products are immune to interference from energy saving lighting and plasma displays.

The receiver is battery powered from standard AAA batteries with a life of over 30 hours between charges, saving the expense of custom battery packs and chargers.

The volume control has a positive snap and enables users with limited mobility to use the system.

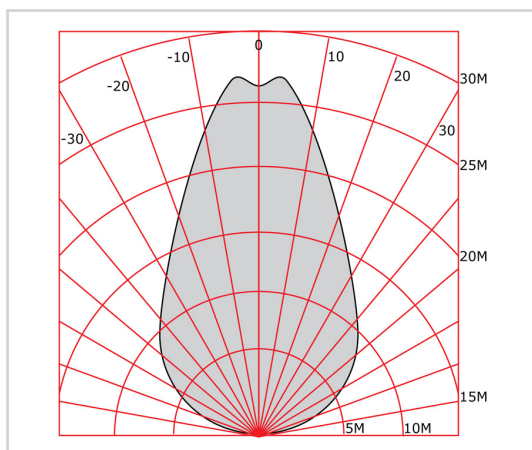
Due to its compact design the unit can be discreetly worn, suspended by the integral neck loop, even when using the external headphone socket.

The ability to add external headphones allows the receivers to be used by non hearing aid wearers in museum tour guide systems or for secondary language translation systems, or simply to test operation of the receiver without stocking two receiver types.

Infra red light will not pass through walls ensuring security in sensitive locations such as courts and council chambers.

Features:

- 30 Hours life from two AAA batteries
- High frequency modulation, free from lighting interference
- Inbuilt neck loop complies with EN60118-4
- External headphone connector for non hearing aid wearers
- Ergonomic case design
- Works with standard NiMH rechargeable
- Ideal for museum and tour systems



Specifications:

Model:	IRRX
Modulation	Wideband FM
Nominal deviation	±50 kHz
Carrier frequency	2.3 MHz
Audio output power	40mW
Loop Field	400mAM ⁻¹
Frequency response	30-18,000 Hz
THD (1 kHz, nom. dev.)	<1%
Audio signal-to-noise ratio	>60 dB(A) rms
Headphone output	3.5mm mono jack
Headphone impedance	Minimum 16 Ω
IR diodes	2 at 875nm
Reception angle	120°
Receiving power	Minimum 1mW
Operating voltage	2.3-3.3 V DC
Batteries	2 x AAA
Current consumption	Approx. 30 mA
Dimensions	110(W) x 39(H) x 28(D) mm
Loop	400 mm diameter
Weight (Net)	0.07 kg
Weight (Gross)	0.09 kg