

ETRX

Loop Test Receiver



The ETRX is designed to provide a low cost solution for AFILS testing during installation.

Features:

- **Battery Powered**
- **Low consumption**
- **Highpass filter**
- **Sensitivity Conforms to IEC118-1**

The ETRX is designed to allow people without hearing aids to listen to the programme material being broadcast by the induction (AFILS) loop amplifier.

The receiver has many uses, from testing the audio quality of a loop installation, to providing museum talk through system for non hearing aid users.

A built in high pass filter is used to remove mains hum from the received signal, making this unit ideal for installations in theatres where the mains noise from dimmers and lighting affect the sound quality.

Power is provided by a PP3 type battery, providing over 20 hours of continuous use from an alkaline battery. In standby the unit consumes only 40uA. If the unit is to be left unused for long periods of time then the batteries should be removed to prevent them discharging fully or leaking.

Any standard "walkman" style headphones can be used with the ETRX, as long as the impedance of the headphones is between 16 Ω and 32 Ω .

It is good practice to provide an ETRX with all induction loop installations, to allow the responsible person to periodically test the effectiveness of the installation and record it in a log booklet.

Please Note: The ETRX is not a hearing aid and is not sold as such, the device can however be used by people with mild hearing loss to enhance sound reception at theatres and concert venues.

Technical Specification

Output Power	200mW
Battery	9V PP3
Field sensitivity	1mAM-1
Dynamic Range	80dB
THD+Noise	<80dB
High Pass	
Frequency	120Hz
Filter Order	3rd
50Hz Rejection	>30dB

Product Overview



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