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## Rxti2 Loop Tester

### Description

The Rxti2 has been designed to allow installer and the non hard-of-hearing to test and assess the quality and audibility of the loop system. In order to improve the quality of the receiver a dual inductor system has been implemented. This reduces the background noise from computer monitors and fluorescent tubes. The audio response from the receiver is flat from 100Hz to 13KHz to allow the installer to assess the background noise in a room with no loop amplifier running. If the room is to be used by the hard-of-hearing and there is a low level "mains hum" this will not affect the user as their 50Hz filter removes this hum. If the level of background hum is excessive it may be necessary to boost the output power of the loop amplifier. The Rxti 2 may also be used in multilingual translation systems or museum talk through systems and stage managers' talk back systems for the non hard-of-hearing.

### Headphones

Suitable headphones are supplied with the unit

The Rxti can be used with a wide range of walkman style headphones. Please ensure that impedance is less than 32 Ohms. Rxti 2 will not function properly with 600 Ohm hi-fi headphones

**Soft Start** In order to prevent loud clicks or pops when switching on, soft start has been installed, so the volume will be very quiet for the first few seconds. Do not turn the volume up initially as the receiver volume may be too high once the soft start function ceases.

Suitable batteries are supplied with the unit

2 AAA batteries are to be inserted in the rear compartment. Alkaline or long life are recommended and the unit may function with ordinary zinc carbon. Please remove batteries when unit not in use to prevent leakage damage

### Caution

The audio output may exceed 100mW into 8 Ohms, this may cause **hearing damage** with long term exposure. Care should be taken not to use excessive volume when testing loop systems



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