



PRODUCT INFORMATION

INDUCTIVE IN-EAR-CANAL RECEIVERS

Sensorcom manufacture a wide range of miniature in-ear-canal inductive receivers for use with security and public safety applications. All are fitted with a removable wax guard and supplied with 5 spares and a removal/insertion tool.



ICM-20



Wax Filters & Removal Tool



ICM-30

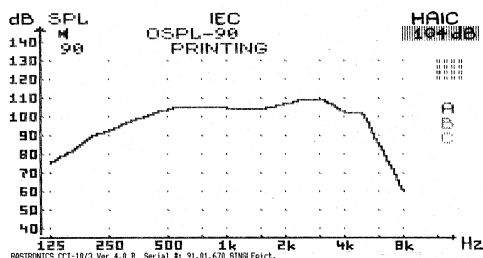


ICM-40

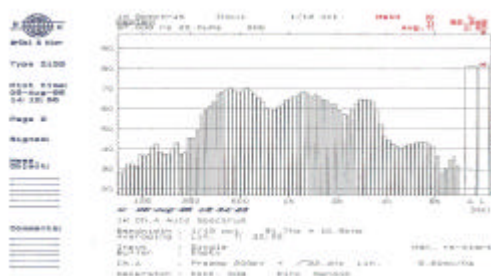


Firing Coils and Inductive Loops

All of the ICM products can be fitted with our DRC option (*Dynamic Range Control*) that provides an output limit of 85dB reducing the possibility of hearing damage to long-term users. This complies with the requirement first action requirement for exposure to noise.



Output Graph, Standard ICM



Compression Curve of DRC

General Specifications (non-DRC)

- Maximum Gain: 35dB for 60dB input
- Maximum SPL: 110dB for 90dB input
- Average SPL: 104dB for 90dB input
- Battery type: A10 Zinc Air 1.4V or equivalent
- Battery Life: 60 hours, dependant on use
- Distortion: Less than 3%

General Specifications DRC Versions

- Maximum Gain: 35dB for 60dB input
- Maximum SPL: 85dB for all input conditions
- Battery type: A10 Zinc Air 1.4V or equivalent
- Battery Life: 40 hours, dependant on use
- Distortion: Less than 3%

Use the DRC prefix for ordering: i.e. DRC-20

In situations that require the highest level of discretion and for long-term users we can offer custom fitted versions. These can be made to fit the ear perfectly and be located deep into the ear canal making the receiver almost invisible. The process for custom fitting is quite simple - the user has to have an ear impression taken which is a quick and painless.

For more information on impressions, please visit the web site and look under the Audiology section. This carries all of the information and a set of FAQ's and where impressions can be taken.