



## Technical Data Sheet

### CANFORD WIRELESS EARPHONE

**54-251** ICM40 Beige

**54-252** ICM41 Brown

**54-253** ICM20 Beige

**54-254** ICM21 Brown

**54-255** ICM30 Beige

**54-256** ICM31 Brown

#### DESCRIPTION

These miniature ear-canal earphones, specially made to Canford's specifications, receive audio signals from inductive sources such as body or neck worn inductive transmitters or from inductive coils or loops installed within a building's infrastructure. The earphone profile is a generic shape (one size fits most) optimised to fit into the right ear, with left ear and custom-fits available as an option to special order. All the earphones accept an A10/DA230 size battery (e.g. Rayovac A10, Duracell DA230) that will provide more than 12 hours use at average programme levels. Two different styles are available, which differ by the orientation of the battery. The battery door on the rocker-style version functions as a switch. The vertical swing-tray models can also be supplied with a miniature volume control. All ear-canal earphones are fitted with a fish line to facilitate removal from the ear and are supplied in a small padded pouch complete with a battery and a wax trap kit.

#### MODELS

ICM40 rocker style battery cover, beige.

ICM41 rocker style battery cover, brown.

ICM20 swing-tray vertical battery door, beige.

ICM21 swing-tray vertical battery door, brown.

ICM30 swing-tray vertical battery door, with volume control, beige.

ICM31 swing-tray vertical battery door, with volume control, brown.

#### WAX TRAP

The blue ring fitted to the end of the earphone is designed to trap earwax. Regular changing of the wax trap will ensure peak performance of the earphone. Wax build-up can significantly attenuate the audio signal and this can be more prevalent when working in hot conditions.

#### WAX-TRAP REPLACEMENT

The removal tool is fitted to the end of the white trap carrier included with earpiece. Using the metal, threaded end of the removal tool, screw it into the wax trap about two turns clockwise. Hold the earphone and gently pull the removal tool until the old wax trap releases. Unscrew it from the tool and throw away.

To insert a fresh wax trap place the blue end of the removal tool into one of the new traps within the blue wheel. (Rotate the wheel until the large hole is over the next new filter trap.) Push gently and it will "click" when engaged. Remove the tool with the trap attached and push the new filter into the earphone until flush. Tilt and pull on the tool to remove. Replace tool on the end of the carrier for future use.

#### BATTERIES

59-136 RAYOVAC A10 (pack of 6)

59-139 DURACELL DA230

#### TECHNICAL SPECIFICATION

**Maximum Gain:** 35dB for 60dB input  
**Maximum SPL:** 110dB for 90dB input  
**Average SPL:** 104dB for 90dB input

**Battery Type:** A10 Zinc Air or equivalent.  
**Distortion:** Less than 3%  
**Typical weight:** 1g