



PRODUCT INFORMATION

ICM-20 & ICM-21
ICM-30 & ICM-31
ICM-40 & ICM-41
ICM-60 Sub Miniature
ICM-100 Auto-off (squelch)
WIRELESS EARPHONES

Sensorcom manufacture a wide range of miniature in-ear-canal inductive receivers for use with security and public safety applications as well as for broadcast presenters. All are fitted with a removable wax guard and supplied with 15 spare filters and a removal/insertion tool.



Features

Accurate Anatomic Profile
 Miniature Physical Size
 Excellent Intelligibility
 Disposable Wax Guard System

Applications

Security Forces Covert Operations
 Broadcast Presenters
 Public Safety
 Store Guards

General Specifications

A range of inductively coupled wireless earphone for covert security applications as well as broadcast presenters. These devices have a well defined generic anatomical profile to combine discretion and comfort and are designed to provide a good audio intelligibility. Two profiles are available – standard and sub-miniature; both types offer identical technical performance. The ICM-100 incorporates an auto-off (squelch) system that silences the earphone when be signal is present. This can be helpful when working in areas where there may be electromagnetic interference. The earphones have a replaceable wax guard system to eliminate problems caused by ear wax. A range of inductive neck loops and inductor packs are also available for these products.

Frequency Range	300 - 5000Hz IEC118-1 (Testing method for Devices with Inductive Inputs)
Distortion	Less than 3%
Receiver	Magnetic
Maximum Output Sound Pressure Level	120 dB ±2dB
Battery	1.4VDC A10 Zinc Air or Equivalent
Minimum Operating Voltage	1.1VDC
Typical Battery Life (A10 Zinc Air)	>80 Hours depending on use
Sensitivity	78dB@2kHz - 10mA/M
Amplifier	Customised hybrid
Weight (including battery)	1.5 grams
Wax Filter Type	Replaceable Mesh Filter
Operating Temperature Range	-10°C to 40C
CE Conformity	89/336/EWG-Electromagnetic Compatibility

Measurement Conditions: Ambient Temperature: 25°C Supply Voltage: 1.4VDC Response measured using a 10mm x 2mm tube into a 2cm³ coupler (IEC118-1) In situations that require the highest level of discretion and for long-term users we can offer custom fitted versions.

Accessories:

Neck Loop wired to 3.5mm jack plug
 Neck Loop with polarised two pin connector
 Inductor Pack wired to 3.5mm jack plug
 Inductor Pack with polarised two pin connector
 Dial Pack including 15 filters and an insertion/removal tool
 Pack of 6 A10 Zinc Air Batteries
 Storage Pouch (Spare)
 Hygiene Sheaths

Part# SC1041 (BE/BK)
 Part# SC1224 (BE/BK)
 Part# SC1042 (BE/BK)
 Part# SC1043 (BE/BK)
 Part# SC1213
 Part# SC1039
 Part# SC1202
 Part# SC1163

Suffix BE is Beige, BK is Black

Model Options and Variations



ICM-20 Order Codes Standard Receiver Right Ear	SC1025BE Beige SC1025BK Black Left Ear to special order
Battery Tray	Swing Tray
Size approx.	20mm long End-plate oval shape 11 x 16mm
Supplied Accessories	Wax guard filters + tool Spring top pouch
Pull cord	Nylon filament with moulded bead



ICM-30 Order Codes Volume Control fitted Right Ear	SC1029BE Beige SC1029BK Black Left Ear to special order
Battery Tray	Swing Tray
Size approx.	20mm long End-plate oval shape 11 x 16mm
Supplied Accessories	Wax guard filters + tool Spring top pouch
Pull cord	Nylon filament with moulded bead



ICM-40 Order Codes Standard Receiver Right Ear	SC1031BE Beige SC1031BK Black Left Ear to special order
Battery Tray	Rocking Top
Size approx.	20mm long End-plate oval shape 11 x 16mm
Supplied Accessories	Wax guard filters + tool Spring top pouch
Pull cord	Nylon filament with moulded bead



ICM-60 Order Codes Miniature Receiver Fits Left or Right Ear	SC1035BE Beige SC1035BK Black
Battery Tray	Swing Tray
Size approx.	20mm long End-plate oval shape 10 x 12mm
Supplied Accessories	Wax guard filters + tool Spring top pouch
Pull cord	Nylon filament with moulded bead



ICM-100 Order Codes Auto-off Squelch System Right Ear	SC2015BE Beige SC2015BK Black Left Ear to special order
Battery Tray	Rocking Top
Size approx.	20mm long End-plate oval shape 11 x 16mm
Supplied Accessories	Wax guard filters + tool Spring top pouch
Pull cord	Nylon filament with moulded bead