

DESCRIPTION

Completely-in-the-canal hearing aid (CIC), with 6 channels WDRC , Battery 10, programmable through fitting software, WDRC processing strategy.

INTENDED USE

The MICROSON m2 CIC hearing instrument is indicated to compensate mild to moderate hearing loss (mixed or sensorineural). It is not suitable for children. See Fitting Range⁽¹⁾

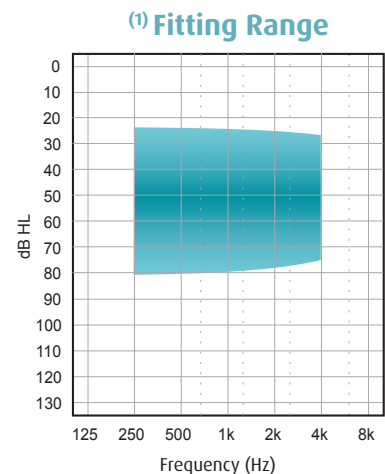
Features

- √ Matrix 116/36 @ 2cc
- √ 100% Digital Technology
- √ Digitally Programmable
- √ 6 Independent Channels WDRC **New!**
- √ 12 Frequency Bands
- √ 6 Channels MPO control
- √ Automatic Feedback Canceller
- √ Automatic Noise Reduction up to -12 dB
- √ Power on Delay
- √ Low Battery Indicator
- √ Battery Type 10 - PR70 (IEC 60086)
- √ Suitable for mobile phones*

Requirements

- 89600, Fitting Software Microson CODA e-STUDIO 6 (6.5.0 or higher)
- 53781, 4 Pin Hi-Pro Cable Right
- 53832, 4 Pin Hi-Pro Cable Left
- 83968, 3 Pin Flex Cable
- 66183, NOAHLINK^A Programming Interface (Kernel v. 1.55.03) or 73194, HI-PRO^B USB Hearing Instrument Programmer (Firmware 3.00 or higher) or 88616, HI-PRO^{B2} Hearing Instrument Programmer (Firmware 4.00 or higher)

⚠ ATTENTION:
 Requires Fitting Software Microson CODA e-STUDIO 6 (6.5.0 or higher)
 Requires Battery 10 for programming



Product Data

* In compliance with IEC 60118-13:2011

^(A)NOAH & NOAHLINK are licensed products and registered trademarks of HIMSA A/S in Denmark.

^(B)HI-PRO is a registered trademark of GN Otometrics A/S in Denmark..

Acoustic Data		IEC 60118-7:2005	IEC 60118-0:1993/A1:1994
OUTPUT	OSPL ⁹⁰ Peak (dB _{SPL})	116	126
	OSPL ⁹⁰ Peak Frequency (Hz)	2800	2800
	HFA ² -OSPL ⁹⁰ / RTF ³ -OSPL ⁹⁰ (dB _{SPL})	113	120
GAIN	HFA-FOG ⁴ (dB)	31	38
	RTF-FOG (dB)	31	38
	FOG (dB)	36	46
	FOG Frequency (Hz)	2900	2900
	RTG ⁵ (dB)	31	38
NOISE	Equivalent Input Noise (dB SPL)	25	21
AGC ⁶	Attack Time (ms)	1	2
	Release Time (ms)	5	5
DISTORTION	500 Hz @ 70 dB _{SPL} (THD %)	0.5	0.7
	800 Hz @ 70 dB _{SPL} (THD %)	0.6	1.0
	1600 Hz @ 65 / 70 dB _{SPL} (THD %)	0.4	0.8
CONSUMPTION	Current Drain (mA)	0.76	0.74
FREQUENCY LIMITS	f ₁ (Hz)	<100	100*
	f ₂ (Hz)	7600	7600*
Power Source: 1.3V Battery Simulator		EN 60318-5:2006	EN 60318-4:2010

¹OSPL: Output Sound Pressure Level

²HFA: High Frequency Average

³RTF: Reference Test Frequency (1600 Hz)

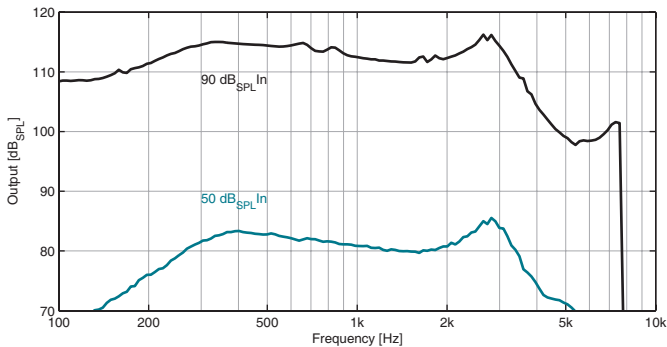
⁴FOG: Full On Gain

⁵RTG: Reference Test Gain

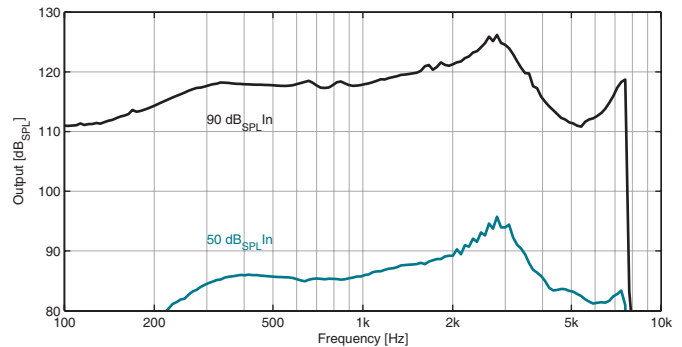
⁶AGC: Automatic Gain Control

* According to DIN 45605 standard

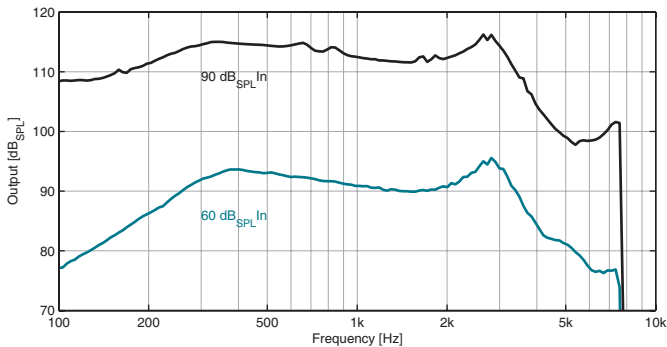
OSPL⁹⁰ / OSPL⁵⁰ @ FOG @ IEC 60118-7:2005



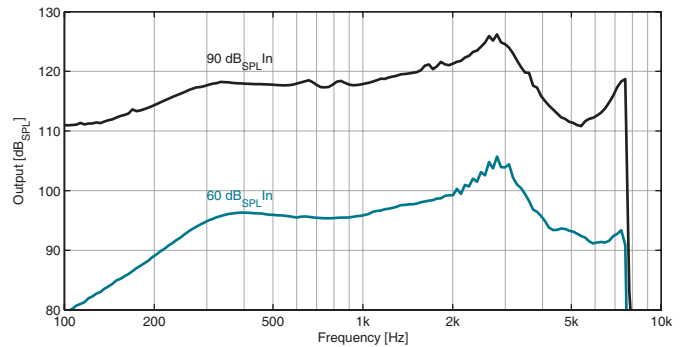
OSPL⁹⁰ / OSPL⁵⁰ @ FOG @ IEC 60118-0:1983/A1:1994



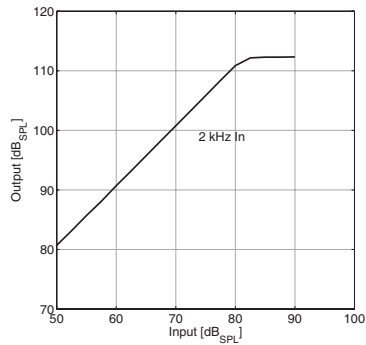
FREQUENCY RESPONSE @ RTS @ IEC 60118-7:2005



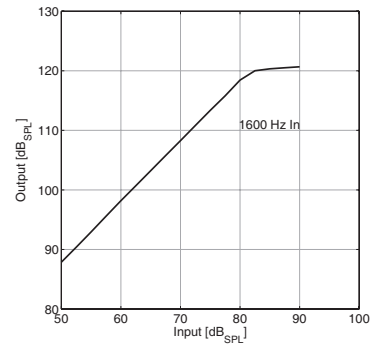
FREQUENCY RESPONSE @ RTS @ IEC 60118-0:1983/A1:1994



INPUT-OUTPUT @ RTS @ IEC 60118-7:2005



INPUT-OUTPUT @ RTS @ IEC 60118-0:1983/A1:1994



Accesories & Spare Parts PROFESSIONAL (Adapter)

- 89600, Fitting Software Microson CODA e-STUDIO 6 (6.5.0 or higher)
- 66183, NOAHLINK^A Programming Interface (Kernel v. 1.55.03)
- 73194, HI-PRO^B USB Hearing Instrument Programmer (Firmware 3.00 or higher)
- 88616, HI-PRO^{B2} Hearing Instrument Programmer (Firmware 4.00 or higher)
- 53781, 4 Pin Hi-Pro Cable Right
- 53832, 4 Pin Hi-Pro Cable Left
- 83968, 3 Pin Flex Cable
- 63849, Red HF3 pack filters + dispenser (15 pcs)
- 63850, Blue HF3 pack filters + dispenser (15 pcs)
- 94584, 6 Pack Microson battery M/Free type 10
- 79785, Microson CIC Battery Door Pink (5 pcs)

Accesories & Spare Parts for end user

- 63849, Red HF3 pack filters + dispenser (15 pcs)
- 63850, Blue HF3 pack filters + dispenser (15 pcs)
- 94584, 6 Pack Microson battery M/Free type 10
- 88192, Microson Microbox case
- 91118, Brush cleaner


Supporting Documents

- 94116, User's Manual m2 CIC LP2 (ES/EN/IT/PT/FR)*
- FG-0042-004-ES Guía de programación m2 CIC
- FG-0042-005-EN Fitting Guide m2 CIC

*ES/ Spanish, EN/ English, IT/ Italian, PT/ Portuguese, FR/ French

HEARING INSTRUMENT CLASSIFICATION IN COMPLIANCE WITH IEC 60601-1 STANDARD

Medical Device Classification

Protection against electric shock	MEDICAL DEVICE WITH INTERNAL ELECTRICAL POWER SOURCE
	B Type Applied Part
	 This symbol indicates that this product adheres to the requirements established for an application component of type B in accordance with IEC 60601-2-66. The surface of the hearing aid is classified as an application component of type B.
Working Method	CONTINUED WORKING

Environmental Conditions

	Temperature Min.(°C)	Temperature Max.(°C)	Relative Humidity Min.(%)	Relative Humidity Max.(%)
Recommended usage and storage	0	40	10	95

Power Supply Electrical Features

	m2 CIC
Nominal Operating Voltage	1.4 V
Current Type	Direct current DC
Nominal Current Leakage	0.74 mA
Battery Nomenclature (IEC 60086)	PR70

PRODUCT	REFERENCE	MODEL	GTIN-13
m2 CIC	93519	FP m2 CIC Pink	8435281311873

GMDN Code: 41209