

- | | |
|----------------------|----------------------------------|
| ① Microphone | ⑤ Programs push button |
| ② Ergonomic ear-hook | ⑥ Direct Audio Input |
| ③ Volume control | ⑦ Safety Lock Battery Door |
| ④ Programming socket | ⑧ Battery compartment (Type 675) |

DESCRIPTION

Behind the Ear air-conduction hearing aid (BTE), Battery BTE, programmable through fitting software with direct audio input.

INTENDED USE

The MICROSON CIMA FRONT hearing instrument is indicated to compensate from severe to profound hearing loss (transmissive, mixed or neurosensory). Not intended for children. See Fitting Range⁽¹⁾

Features

- ✓ Matrix 138/78 @ 2cc
- ✓ 100% Digital Technology
- ✓ Digitally Programmable
- ✓ Real Time Analysis
- ✓ 4 Independent WDRC Channels
- ✓ 14 Bands
- ✓ 4 Memories
- ✓ Automatic Feedback Canceller
- ✓ Auto telephone
- ✓ Telecoil
- ✓ Direct Audio Input
- ✓ Battery Door Lock
- ✓ Low Battery Indicator
- ✓ Memory change indicator
- ✓ Suitable for mobile phones⁽²⁾
- ✓ Battery Type 675 - PR44 (IEC 60086)

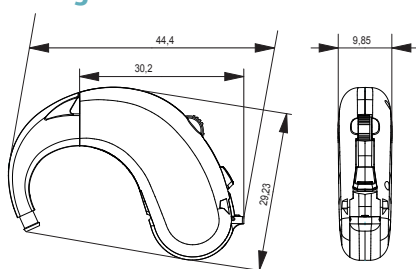
Requirements

- 89600, Fitting Software Microson CODA e-STUDIO 6 (6.0.0 or higher)
- 53781, 4 Pin Hi-Pro Cable Right
- 53832, 4 Pin Hi-Pro Cable Left
- 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)

NOTE:

Insert battery type 675 (PR44) for programming

Weight & Dimensions

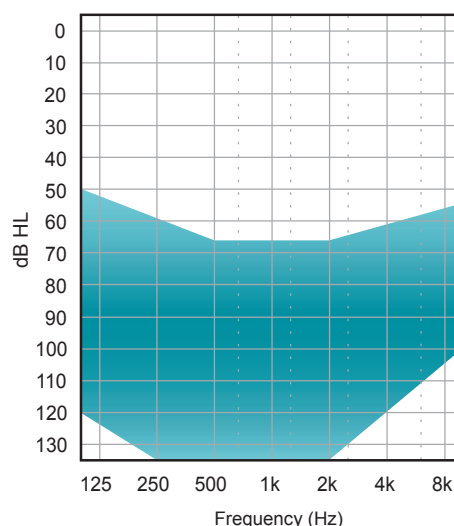


Weight excluding battery: 5.05 gr.

Weight including battery: 6.85 gr

Dimensions in millimeters (mm)

⁽¹⁾ Fitting Range



⁽²⁾In compliance with IEC 60118-13

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^(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 ¹ 90 Peak (dB _{SPL})	138	143
	OSPL90 Peak Frequency (Hz)	1100	1200
	HFA ² -OSPL90 / RTF ³ -OSPL90 (dB _{SPL})	132	138
GAIN	HFA-FOG ⁴ (dB) / RTF-FOG (dB)	69	74
	FOG (dB)	78	82
	FOG Frequency (Hz)	1100	1100
	RTG ⁵ (dB)	50	60
NOISE	Equivalent Input Noise (dB _{SPL})	12	8
AGC ⁶	Attack Time (ms)	1	1
	Release Time (ms)	7	4
TELECOIL	HFA-SPLI ⁷ / RTF-SPLI (dB _{SPL})	103	112
	HFA-FOG-MASL ⁸ / RTF-FOG-MASL @ 1 mA/m (dB _{SPL})	93	98
	500 Hz @ 100 mA/m (THD %)	N/A	N/A
	800 Hz @ 100 mA/m (THD %)	0,6	2,1
	1600 Hz @ 100 mA/m (THD %)	0,3	0,5
DISTORTION	500 Hz @ 70 dB _{SPL} (THD %)	1,0	1,9
	800 Hz @ 70 dB _{SPL} (THD %)	0,5	0,9
	1600 Hz @ 65 / 70 dB _{SPL} (THD %)	1,3	0,5
CONSUMPTION	Current Drain (mA)	0,91	0,77
FREQUENCY LIMITS	f ₁ (Hz)	< 100	< 100*
	f ₂ (Hz)	4900	5000*

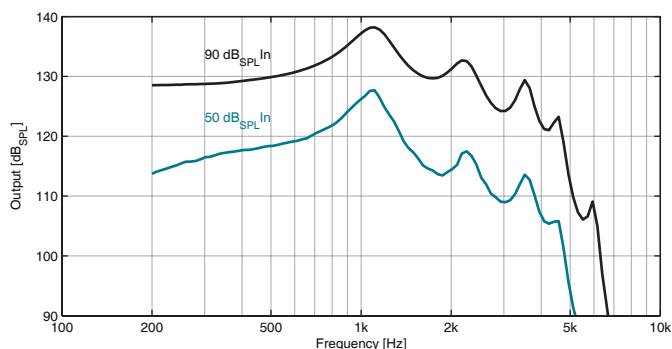
Power Source: 1.3V Battery Simulator

		FREQUENCY BANDS	
		800-960 MHz	1400-2000 MHz
IRIL ⁹ IEC 60118-13:2011	Bystander Situation Max IRIL (dB _{SPL})	<18	26

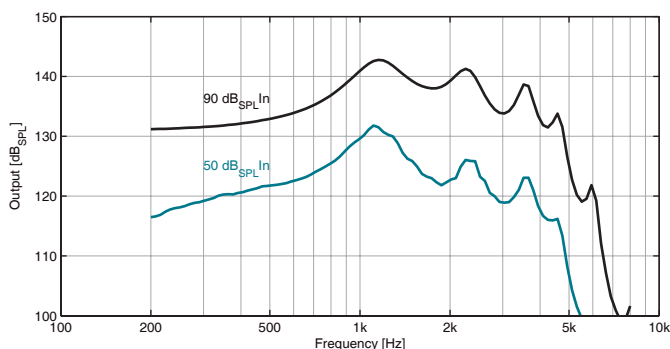
¹OSPL: Output Sound Pressure Level²HFA: High Frequency Average³RTF: Reference Test Frequency (1600 Hz)⁴FOG: Full On Gain⁵RTG: Reference Test Gain⁶AGC: Automatic Gain Control⁷SPLI: Sound Pressure Level Inductive⁸MASL: Magneto Acoustical Sensitivity Level⁹IRIL: Input Related Interference Level

* According to DIN 45605 standard

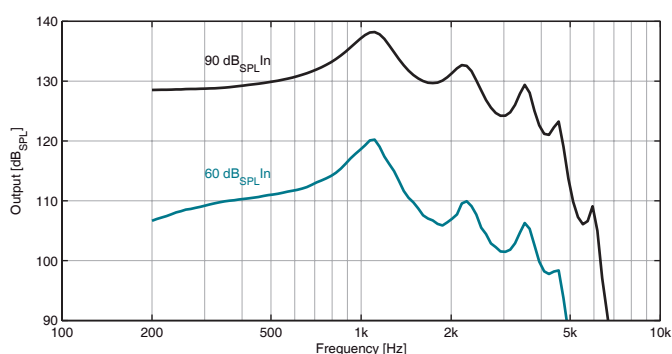
OSPL90 / OSPL50 @ FOG @ IEC 60118-7:2005



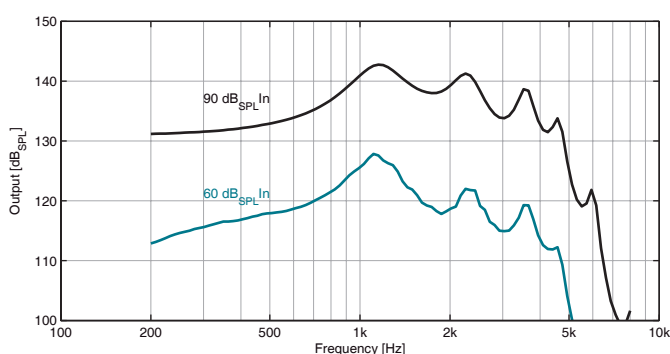
OSPL90 / OSPL50 @ FOG @ IEC 60118-0:1993/A1:1994



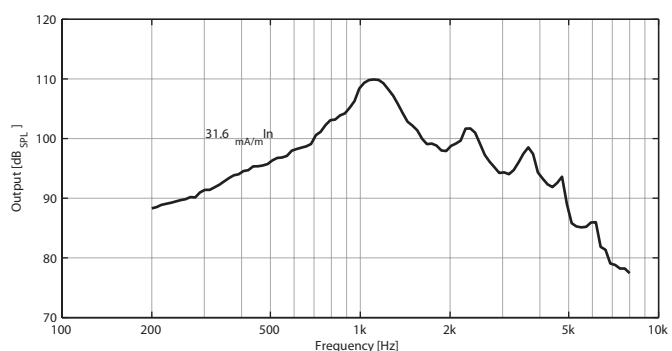
FREQUENCY RESPONSE @ RTS @ IEC 60118-7:2005



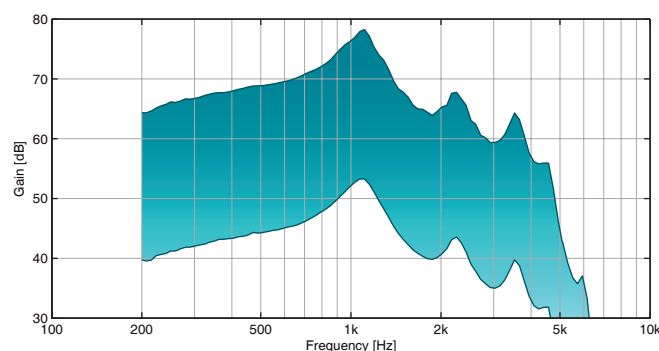
FREQUENCY RESPONSE @ RTS @ IEC 60118-0:1993/A1:1994



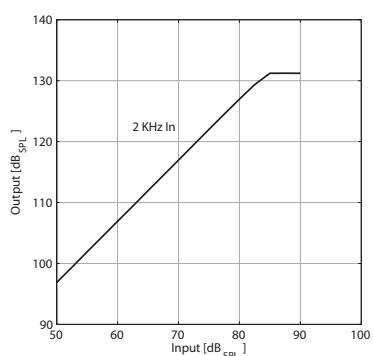
INDUCTION COIL SENSITIVITY @ RTS @ IEC 60118-7:2005



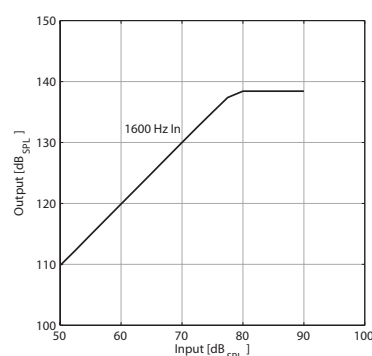
FREQUENCY RESPONSE @ VOLUME CONTROL @ IEC 60118-7:2005



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



INPUT-OUTPUT @ RTS @ IEC 60118-0:1993/A1:1994



Accessories & Spare Parts for Professionals

89600, Software Microson CODA e-STUDIO 6 Sales Pack
53781, 4 Pin Hi-Pro Cable Right
53832, 4 Pin Hi-Pro Cable Left
66183, NOAHLINK Programming Interface (Kernel v. 1.55.03)
73194, HI-PRO USB Hearing Instrument Programmer (Firmware 3.00 or higher)
88616, HI-PRO2 Hearing Instrument Programmer (Firmware 4.00 or higher)
76934, Auto-telephone Magnet Kit
79430, Microson Windscreen BTE Artic Grey (10Pcs)
79431, Microson Windscreen BTE Beige (10Pcs)
79432, Microson Windscreen BTE Artic Grey (10Pcs)
87304, Microson Windscreen BTE Black (10 pcs)
83824, Microson Windscreen BTE Green (10 pcs)
83825, Microson Windscreen BTE Orange (10 pcs)
83826, Microson Windscreen BTE Azul Celeste (10 pcs)
83827, Microson Windscreen BTE Violet (10 pcs)
83828, Microson Windscreen BTE Nautic Blue (10 pcs)
83829, Microson Windscreen BTE Red (10 pcs)
91118, Brush Cleaner
87135, Audio shoe P675
82877, Hearing instrument Battery 675 6 pack
80813, Earhook P675 (5pcs)
81907, Cima Front Label Lid set (red+blue)

Accessories & Spare Parts for end user CIMA FRONT BTE

91118, Brush Cleaner
87135, Audio shoe P675
82877, 6 Pack of Microson 675 Hearing Aid Batteries (PR44)
76934, Autophone Magnet Kit
88192, Microson Microbox case
87398, Marketing Manual Instrucciones Microson Cima Front BTE LP2
87496, Marketing Manual Instrucciones Microson Cima Front BTE LP3

HEARING INSTRUMENT CLASSIFICATION IN COMPLIANCE WITH IEC 60601-1 STANDARD

Medical Device Classification

Protection against electric shock	MEDICAL DEVICE WITH INTERNAL ELECTRICAL POWER SOURCE
	Type B Applied Part
	 This symbol indicates that the products described in these user instructions adhere to the requirements for an application part of Type B of IEC 60601-2-66. The surface of the hearing aid is specified as an applied part of Type B.
Mode of operation	CONTINUOUS OPERATION

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

	CIMA FRONT BTE
Nominal Operating Voltage	1.4 V
Current Type	Direct current DC
Nominal Current Leakage	0.77 mA
Battery Nomenclature (IEC 60086)	PR44

PRODUCT	REFERENCE	MODEL	GTIN-13
CIMA FRONT BTE	80346	MICROSON CIMA FRONT BEIGE 	8435281307296
	83379	MICROSON CIMA FRONT ARTIC 	8435281308293
	82862	MICROSON CIMA FRONT GREY 	8435281308149
	83378	MICROSON CIMA FRONT VIOLE 	8435281308286
	83376	MICROSON CIMA FRONT RED 	8435281308262
	83374	MICROSON CIMA FRONT GREEN 	8435281308248
	83375	MICROSON CIMA FRONT CBLUE 	8435281308255
	83377	MICROSON CIMA FRONT NBLUE 	8435281308279
	83380	MICROSON CIMA FRONT ORANG 	8435281308309

GMDN Code: 34671

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