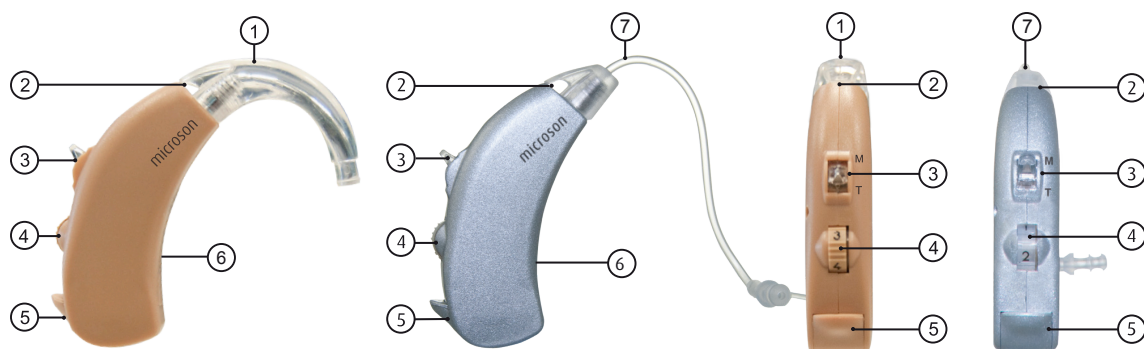




1. Earhook
2. Microphone
3. Switch (M/T)
4. Volume Control
5. Battery Door (13 Type)
6. Trimmers Compartment (NH, PC)
7. Thin Tube

DESCRIPTION

According to the family M-34 Digital, M-34 Digital FC Open is a fully digital two channels hearing aid with WDRC processing strategy.

Its 2 channels allows to the hearing care professional an easier fitting process with high reliability.

Intended use: Cover transmissive & sensorineural from mild to moderate hearing losses.⁽¹⁾

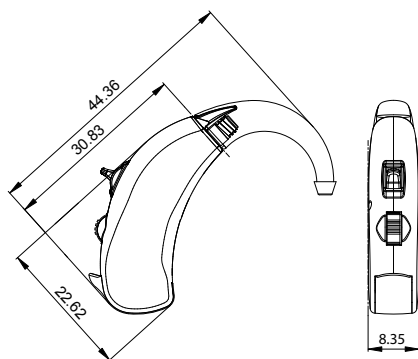
Features

- ✓ Matrix 130/56 @ 2cc (Standard Fitting)
- ✓ Matrix 126/48 @ 2cc (Thin Tube Fitting)
- ✓ 100% Digital Technology
- ✓ 2 Channels
- ✓ Standard and Open Fitting
- ✓ 2 Trimmers (NH, PC)
- ✓ Switch (M / T)
- ✓ Telecoil
- ✓ Feedback canceller
- ✓ Switch Off battery door
- ✓ Memory Change Indicator
- ✓ Suitable for mobile phones*
- ✓ Battery 13 Type - PR48 (IEC 60086)

Requirements

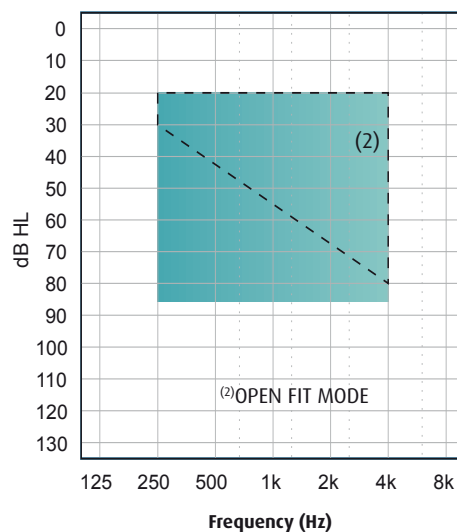
- ✓ No required programming unit.

Weight & Dimensions

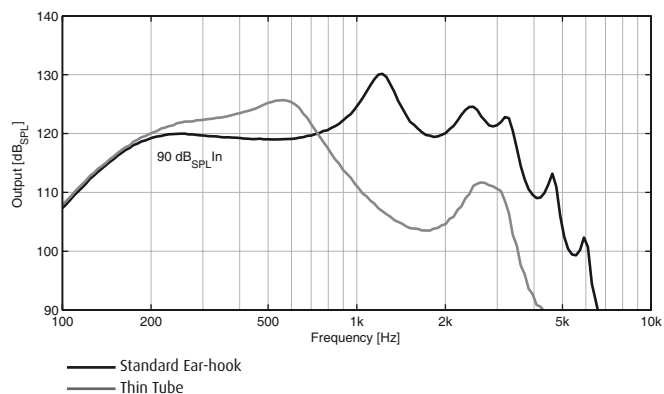


Weight excluding battery: 3.6 gr.
Weight including battery: 4.44 gr
Dimensions in millimeters (mm)

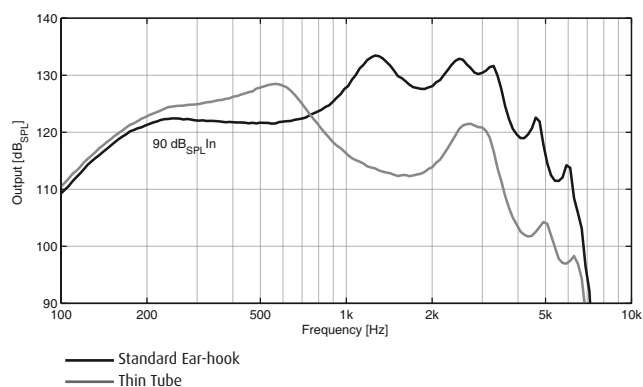
⁽¹⁾ Fitting Range



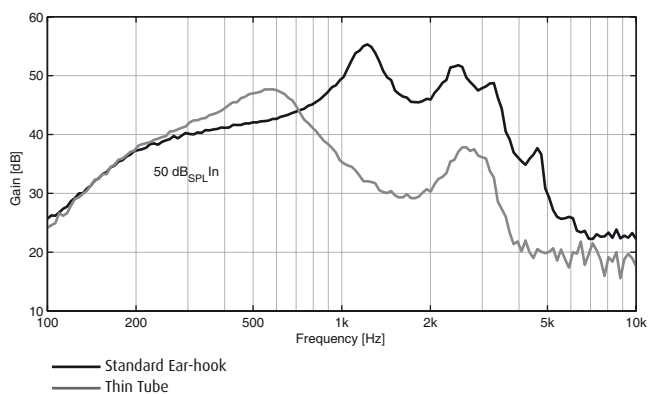
OSPL90 @ IEC 60118-7:2005



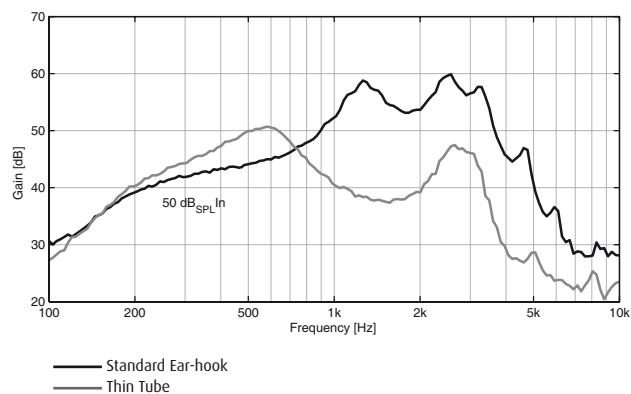
OSPL90 @ IEC 60118-0:1983/A1:1994



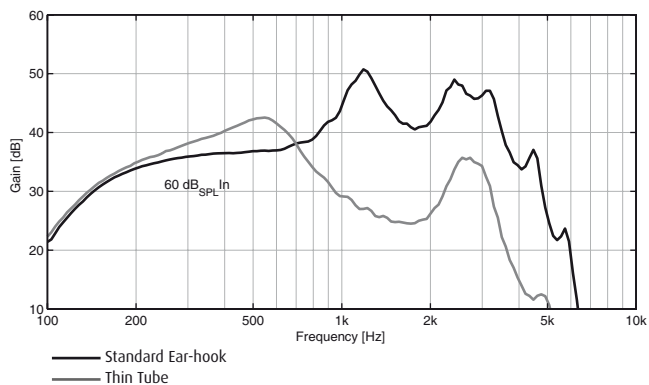
FOG @ IEC 60118-7:2005



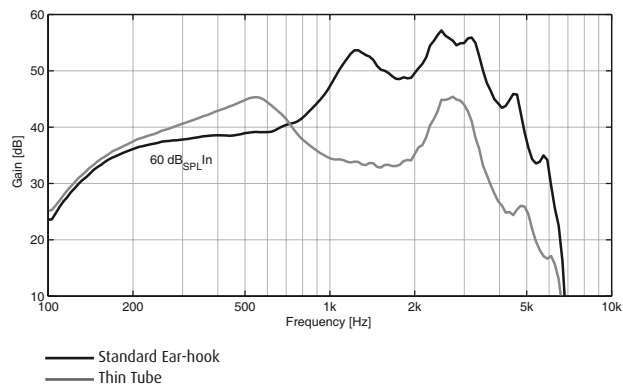
FOG @ IEC 60118-0:1983/A1:1994



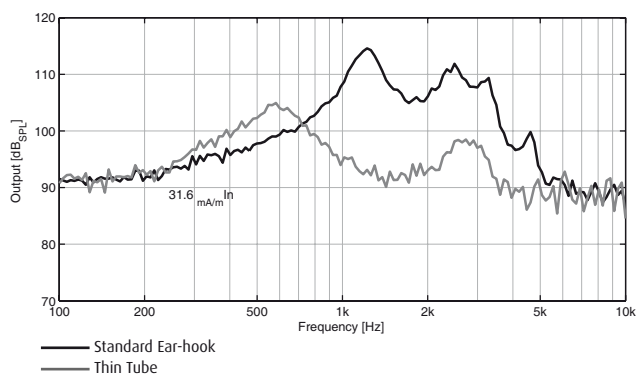
FREQUENCY RESPONSE @ RTG @ IEC 60118-7:2005



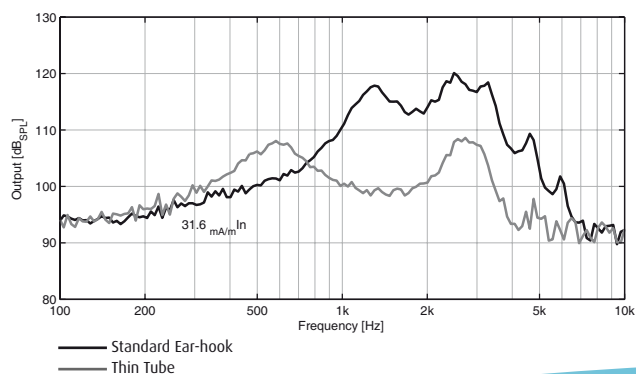
FREQUENCY RESPONSE @ RTG @ IEC 60118-0:1983/A1:1994



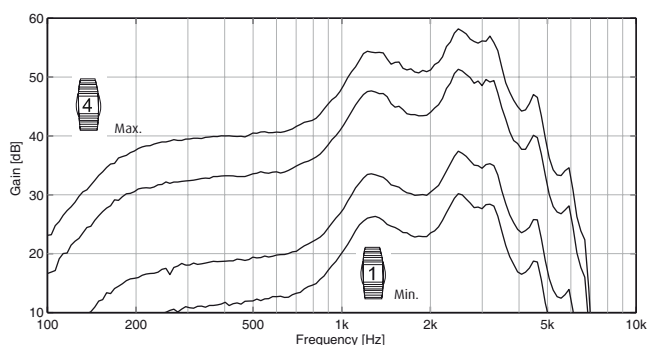
INDUCTION COIL SENSITIVITY @ RTG @ IEC 60118-7:2005



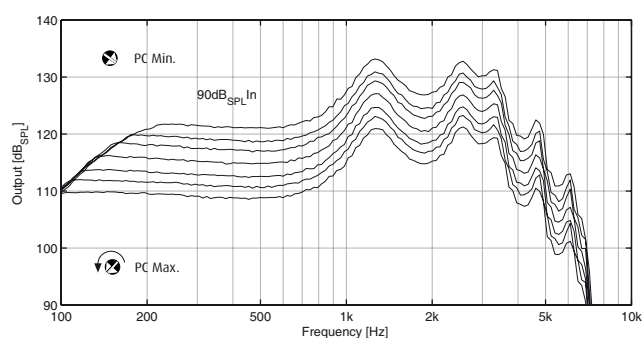
INDUCTION COIL SENSITIVITY @ RTG @ IEC 60118-0:1983/A1:1994



FREQUENCY RESPONSE @ VOL. CTRL. @ IEC 60118-0:1983/A1:1994

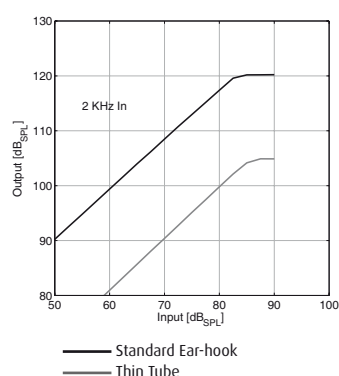


FREQUENCY RESPONSE @ PC CTRL. @ IEC 60118-0:1983/A1:1994

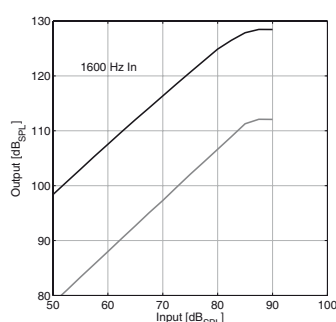


INPUT-OUTPUT @ AER

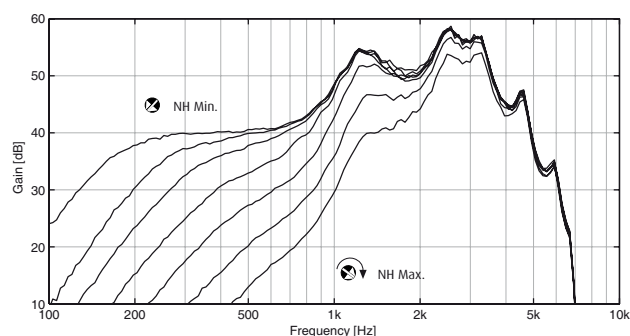
@ IEC 60118-7:2005



@ IEC 60118-0:1983/A1:1994



FREQUENCY RESPONSE @ CTRL. NH @ IEC 60118-0:1983/A1:1994



Accessories for professional

- 90557 Thin Tube Selector Tube
- 68834 Open Fit Tube cleaning tool
- 91178 Microson M-34 Digital FC Open Fit Tube n°1 R (5pcs)
- 91179 Microson M-34 Digital FC Open Fit Tube n°1 L (5pcs)
- 91180 Microson M-34 Digital FC Open Fit Tube n°2 R (5pcs)
- 91181 Microson M-34 Digital FC Open Fit Tube n°2 L (5pcs)
- 91182 Microson M-34 Digital FC Open Fit Tube n°3 R (5pcs)
- 91183 Microson M-34 Digital FC Open Fit Tube n°3 L (5pcs)
- 91184 Microson M-34 Digital FC Open Fit Tube n°4 R (5pcs)
- 91185 Microson M-34 Digital FC Open Fit Tube n°4 L (5pcs)

Microson Open Fit Adapter

83414	Open 4 mm	
83407	Open 6 mm	
83419	Open 8 mm	
83420	Open 10 mm	
83408	Double Closed 8-10 mm	
83413	Double Closed 10-12 mm	
83412	Closed 8 mm	
91189	Semi Open	

Accessories for user

- 91122 M-34 FC Label Lid Set (blue+red)
- 75140 Volume Control Cover BTE (10pcs)
- 91360 User Manual M-34 Digital BTE (LP2)*
- 91588 User Manual M-34 Digital BTE (LP3)**

Spare Parts

- 91521 Earhook P13 M-34 Digital BTE (5 pcs)
- 91121 M-34 Digital FC Label Lid Beige (10 pcs)
- 88852 Windscreen BTE Beige (10 pcs)
- 88855 Windscreen BTE Silver (10 pcs)

* LP2 (ES/EN/IT/PT/FR)

** LP3 (EN/TR/RO/BG/EL/PL)

		STANDARD EAR-HOOK		THIN TUBE	
Acoustic Data		IEC 60118-7:2005	IEC 60118-0:1983/ A1:1994	IEC 60118-7:2005	IEC 60118-0:1983/ A1:1994
OUTPUT	OSPL ¹ 90 Peak	130	132	126	129
	OSPL 90 Peak Frequency	1200	1300	600	600
	HFA ² / RTF ³ OSPL 90	123	127	109	113
GAIN	HFA-FOG (dB)	49	54	34	42
	RTF-FOG (dB)	46	53	29	38
	FOG (dB)	56	59	48	51
	FOG Frequency (Hz)	1200	2500	600	600
	RTG (Reference Test Gain) (dB)	45	50	31	37
NOISE	Equivalent Input Noise (dB SPL)	27	28	39	38
AGC ⁴	Attack Time (ms)	1	1	1	1
	Release Time(ms)	8	37	121	158
TELECOIL	ETLS ⁵ @ 31,6 mA/m	108	112	95	99
	HFA-MASL ⁶ @ 10 mA/m	88	N/A	75	N/A
	500 Hz @ 100 mA / m (%)	6,3	5,3	0,5	0,8
	800 Hz @ 100 mA / m (%)	1,9	2,3	0,7	1,3
	1600 Hz @ 100 mA / m (%)	2,1	1,7	1,8	2,6
DISTORTION	500 Hz @ 70 dB SPL (%)	0,9	1,1	7,5	0,1
	800 Hz @ 70 dB SPL (%)	0,6	0,9	0,2	0,4
	1600 Hz @ 65 / 70 dB SPL (%)	0,3	0,6	0,4	0,6
CONSUMPTION	Current Drain (mA)	0,82	0,82	0,77	0,77
FREQUENCY LIMITS	f ₁ (Hz)	100	100*	<100	<100*
	f ₂ (Hz)	5100	5900*	3700	5600*
Power Source: 1.3V Battery Simulator		IEC 60318-5:2006	IEC 60318-4:2010	IEC 60318-5:2006	IEC 60318-4:2010

¹OSPL: Output Sound Preassure Level

²HFA: High Frequency Average

³RTF: Reference Test Frequency (1600 Hz)

⁵ETLS: Equivalent Test Loop Sensitivity

⁴AGC: Automatic Gain Control

⁶MASL: Magneto Acoustical Sensitivity Level

*According to DIN 45605 Standard

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 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.
Working Method	CONTINUED WORKING

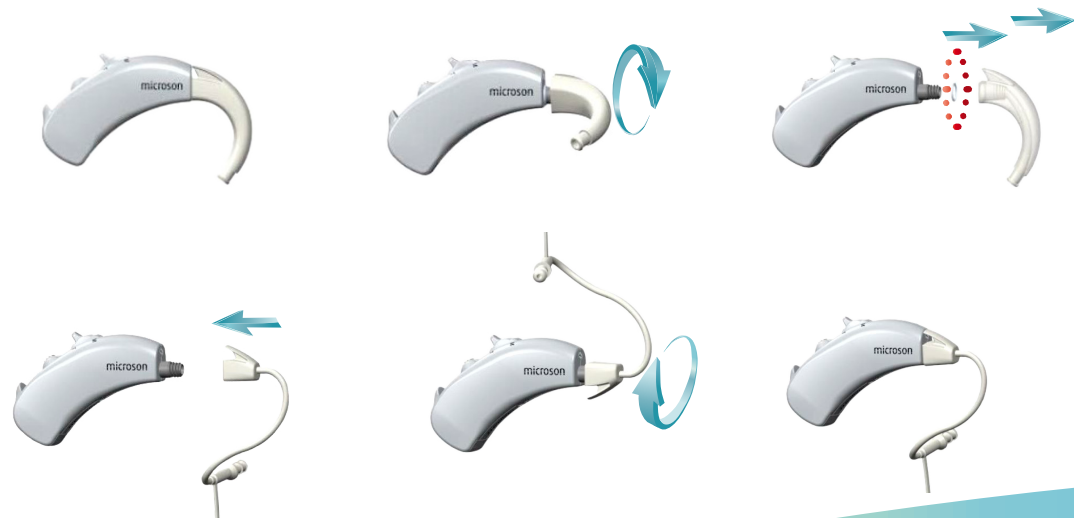
Power Supply Electrical Features

Nominal Operating Voltage	1.4 V
Current Type	Direct current DC
Nominal Current Leakage	0.77 mA
Battery Nomenclature (IEC 60086)	PR48

PRODUCT	REFERENCE	MODEL		GTIN-13
M-34 DIGITAL FC OPEN	90750	M-34 DIGITAL FC OPEN SILVER BTE		8435281310814
	91070	M-34 DIGITAL FC OPEN BEIGE BTE		8435281310807

GMDN Code: 34671

Change Earhook to Thin tube (Open Fit)



Product Data

DS-0012-006-EN Rev.C 2015/01/22