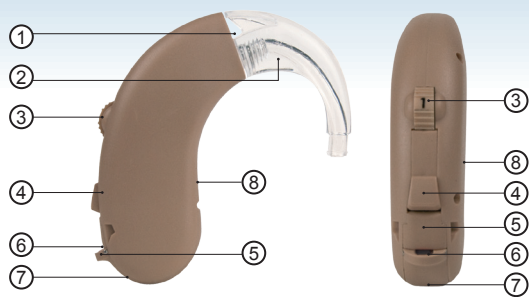
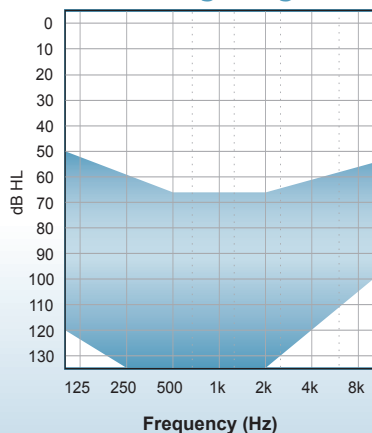


## m34 Digital Front



- ① Microphone
- ② Ergonomic ear-hook
- ③ Volume control
- ④ Programs push button
- ⑤ Direct Audio Input
- ⑥ Safety Lock Battery Door
- ⑦ Battery compartment (Type 675)
- ⑧ Trimmers (Use exclusively by specialist)

<sup>(1)</sup> Fitting Range



### DESCRIPTION

According to the m34 family, m34 Digital Front is a fully digital hearing aid with WDRC processing strategy.

Its 2 totally independent channels and its 2 controls, offers to the hearing care professional an easier fitting process with high reliability.

**Intended use:** Designed to cover transmissive and mixed from severe to profound hearing losses.<sup>(1)</sup>

	Acoustic Data	EN 60118-7:2005	EN 60118-0:1993/ A1:1994
OUTPUT	OSPL <sup>2</sup> 90 Peak	138	143
	OSPL 90 Peak Frequency	1000	1100
	HFA <sup>3</sup> OSPL 90	132	139
GAIN	HFA / RTF <sup>4</sup> Full-On-Gain (dB)	67	75
	Full-On-Gain Peak (dB)	77	81
	FOG Peak Frequency (Hz)	1000	1100
	Reference Test Gain (dB)	54	63
NOISE	Equivalent Input Noise (dB <sub>SPL</sub> ) <sup>5</sup>	26	22
AGC <sup>6</sup>	Attack Time (ms)	1	1
	Release Time(ms)	103	4
TELECOIL	ETLS <sup>7</sup> @ 31,6 mA/m	96	105
	HFA-MASL <sup>8</sup> @ 1 mA/m	79	N/A
	500 Hz @ 100 mA / m (%)	2,7	1,2
DISTORTION	800 Hz @ 100 mA / m (%)	1,5	0,4
	1600 Hz @ 100 mA / m (%)	1,2	0,6
	500 Hz @ 70 dB <sub>SPL</sub> (%)	1,4	3,5
CONSUMPTION	800 Hz @ 70 dB <sub>SPL</sub> (%)	0,6	1,2
	1600 Hz @ 65 / 70 dB <sub>SPL</sub> (%)	0,3	0,7
	Current Drain (mA)	1,67	1,26
FREQUENCY LIMITS	f <sub>1</sub> (Hz)	< 200	N/A
	f <sub>2</sub> (Hz)	4600	N/A

Power Source: 1.3V Battery Simulator

EN 60318-5:2006 EN 60318-4:2010

<sup>2</sup>OSPL: Output Sound Pressure Level <sup>3</sup>HFA: High Frequency Average <sup>4</sup>RTF: Reference Test Frequency

<sup>5</sup>Expansion Threshold Kneepoint = 30 dB<sub>SPL</sub> <sup>6</sup>AGC: Automatic Gain Control

<sup>7</sup>ETLS: Equivalent Test Loop Sensitivity <sup>8</sup>MASL: Magneto Acoustical Sensitivity Level

### Features

- ✓ Matrix 138/77 @ 2cc
- ✓ 100% Digital Technology
- ✓ Supported by CODA e-STUDIO
- ✓ 2 Independent Channels WDRC
- ✓ Pediatric Earhook
- ✓ Telecoil
- ✓ 2 Trimmers (NH, PC)
- ✓ Suitable for mobile phones<sup>8</sup>
- ✓ Direct Audio Input
- ✓ Safety Lock Battery Door
- ✓ Battery 675 Type - PR44 (EN60086)

### Order Numbers

80345 m34 Digital Front BTE BEIGE  
 GTIN-13: 8435281307241  
 80808 m34 Digital Front BTE GREY  
 GTIN-13: 8435281307258  
 GMDN Code: 34671

### Accessories

81910 Label Lid Kit m34 Digital Front Blue/Red  
 68694 Audio Shoe 675  
 83248 Volume control cover (10pcs)

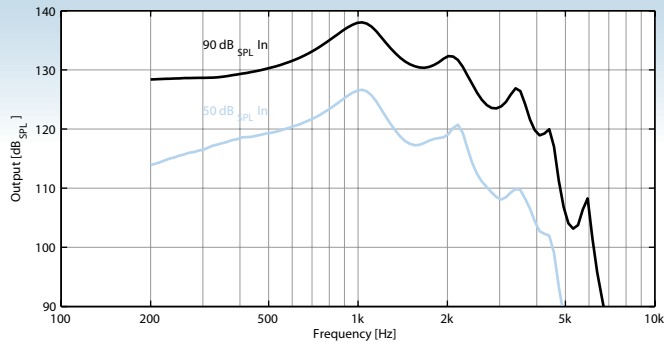
### Spare Parts

80813 Earhook (10pcs)  
 82136 Pediatric Earhook (5 pcs)  
 81899 m34 Digital Front BTE Label Beige (10pcs)  
 81946 m34 Digital Front BTE Grey (10 pcs)  
 79430 Windscreen BTE Grey (10 pcs)  
 79431 Windscreen BTE Beige (10 pcs)

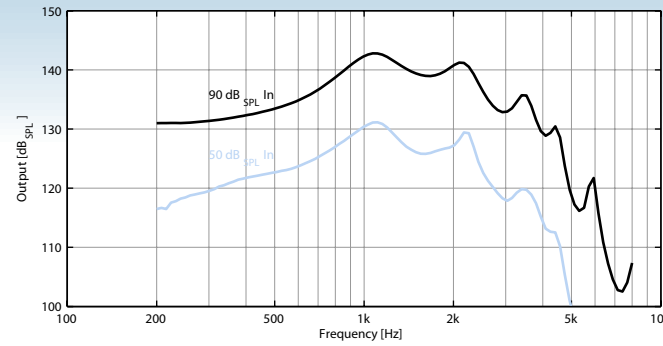
<sup>8</sup>In Compliance with EN 60118-13:2004

# Product Data

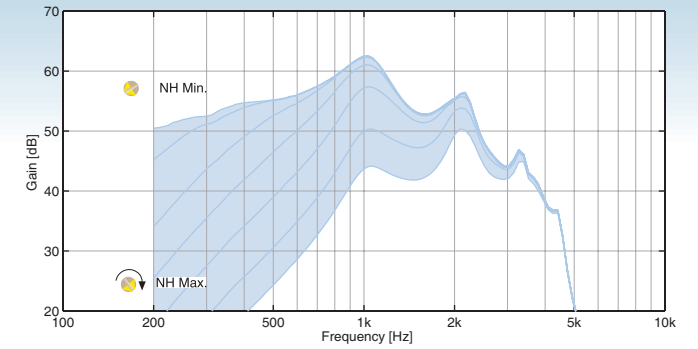
FOG / OSPL90 @ EN 60118-7:2005



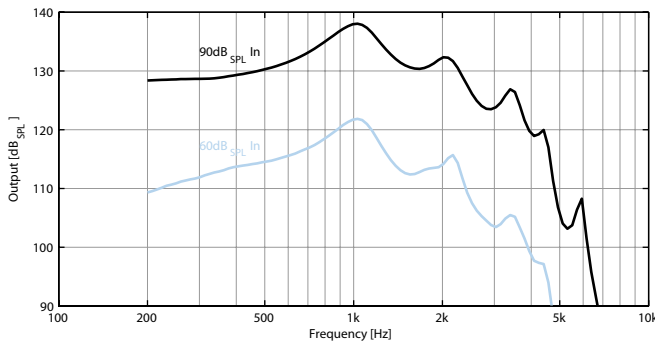
FOG / OSPL90 @ EN 60118-0:1993/A1:1994



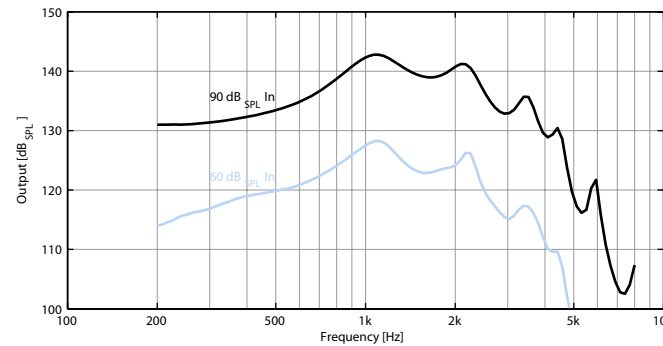
FREQUENCY RESPONSE @ CTRL. NH @ EN 60118-7:2005



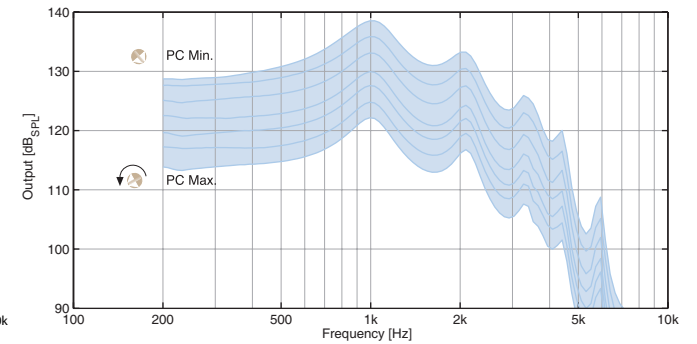
FREQUENCY RESPONSE @ RTG @ EN 60118-7:2005



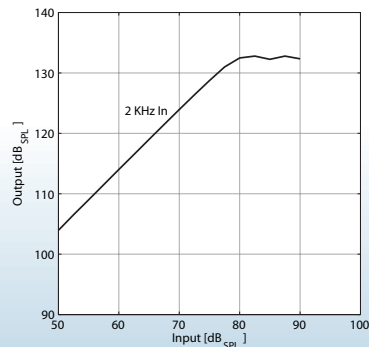
FREQUENCY RESPONSE @ RTG @ EN 60118-0:1993/A1:1994



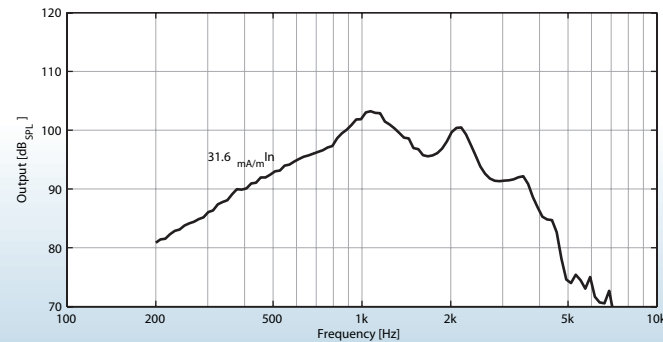
FREQUENCY RESPONSE @ CTRL. PC @ EN 60118-7:2005



INPUT-OUTPUT @ RTG @ EN 60118-7:2005



INDUCTION COIL SENSITIVITY @ AER @ EN 60118-7:2005



FREQUENCY RESPONSE @ CTRL. VOL. @ EN 60118-7:2005

