

## m6 BTE



- ① Ergonomic ear-hook
- ② Microphones
- ③ Programs push button
- ④ Programming connector
- ⑤ Volume control
- ⑥ Battery compartment (Type 13)

### DESCRIPTION

According to the m6 family, m6 BTE is a fully digital programmable hearing aid with WDRC processing strategy.

Its 16 totally independent channels and its 32 bands, offers to the hearing care professional an easier fitting process with high reliability.

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

### Features

- ✓ Matrix 136/65 @ 2cc
- ✓ 100% Digital Technology
- ✓ Digitally Programmable
- ✓ Real Time Analysis
- ✓ 16 Independents Channels WDRC
- ✓ 4 Memories
- ✓ 128 Frequency Bands Analysis
- ✓ 32 Bands equalizer
- ✓ Automatic Directional Microphones
- ✓ Data Logging
- ✓ Automatic Feedback Canceller
- ✓ Automatic Noise Reduction
- ✓ Audio in-situ
- ✓ Alerts Configurator (audio,beeps)
- ✓ Autophone
- ✓ Suitable for mobile phones\*
- ✓ Battery 13 Type - PR48 (EN 60086)

### Requirements

- ✓ 4 Pin Programmable Cable Ref. 53781
- ✓ HIPRO Programmer Ref. 73194 or NOAHLINK Programmer Ref. 66183
- ✓ MICROSON CODA e-STUDIO 4.0 M 00 or higher

### Order numbers

73326 m6 BTE BEIGE GTIN-13: 8435281306176  
 79594 m6 BTE GREY GTIN-13: 8435281306909  
 GMDN Code: 34671

M6 BTE

		Acoustic Data	
		EN 60118-7:2005	EN 60118-0:1993/A1:1994
OUTPUT	OSPL <sup>2</sup> 90 Peak	136	140
	OSPL 90 Peak Frequency	1200	1300
	HFA <sup>3</sup> OSPL 90	130	136
GAIN	HFA / RTF <sup>4</sup> Full-On-Gain (dB)	59	63
	Full-On-Gain Peak (dB)	65	73
	FOG Peak Frequency (Hz)	1200	3300
	Reference Test Gain (dB)	53	61
NOISE	Equivalent Input Noise (dB <sub>SPL</sub> )	24	24
AGC <sup>5</sup>	Attack Time (ms)	1	1
	Release Time(ms)	9	12
TELECOIL	ETLS <sup>6</sup> @ 31,6 mA/m	109	110
	HFA-MASL <sup>7</sup> @ 1 mA/m	87	N/A
	500 Hz @ 100 mA / m (%)	N/A	N/A
DISTORTION	800 Hz @ 100 mA / m (%)	2,4	2,4
	1600 Hz @ 100 mA / m (%)	3,3	3,3
	500 Hz @ 70 dB <sub>SPL</sub> (%)	4,0	5,4
CONSUMPTION	800 Hz @ 70 dB <sub>SPL</sub> (%)	1,5	3,9
	1600 Hz @ 65 / 70 dB <sub>SPL</sub> (%)	0,3	0,7
FREQUENCY LIMITS	Current Drain (mA)	1,51	1,42
	$f_1$ (Hz)	<200	N/A
	$f_2$ (Hz)	6000	N/A

Power Source: 1.3V Battery Simulator

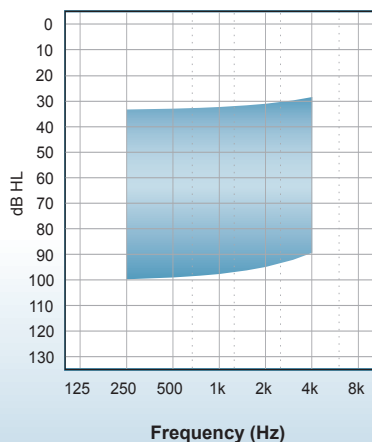
EN 60318-5:2006 EN 60318-4:2010

<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>ETLS: Equivalent Test Loop Sensitivity <sup>6</sup>AGC: Automatic Gain Control <sup>7</sup>HFA-MASL: Magneto Acoustical Sensitivity Level

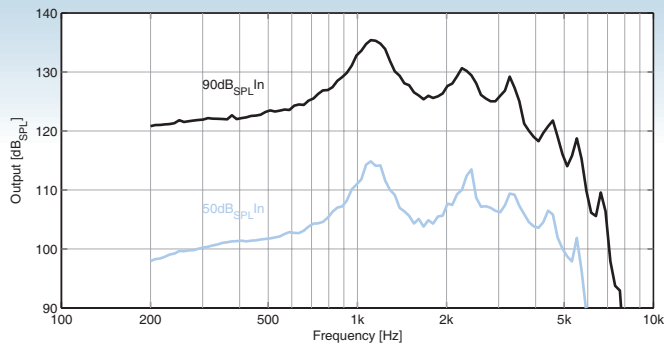
\* In Compliance with EN 60118-13:2011

### (1) Fitting Range

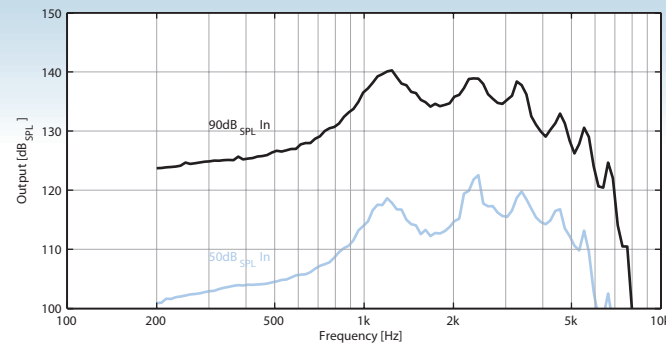


# Product Data

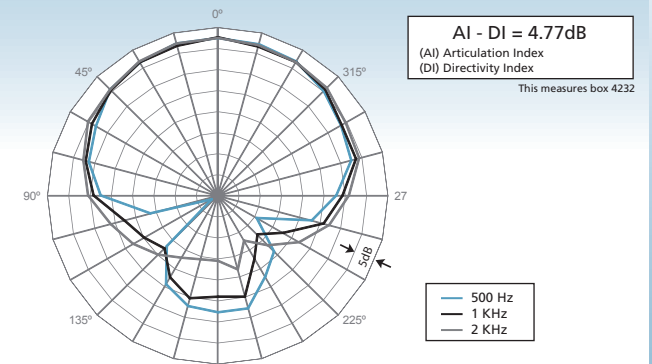
FOG / OSPL90 @ EN 60118-7:2005



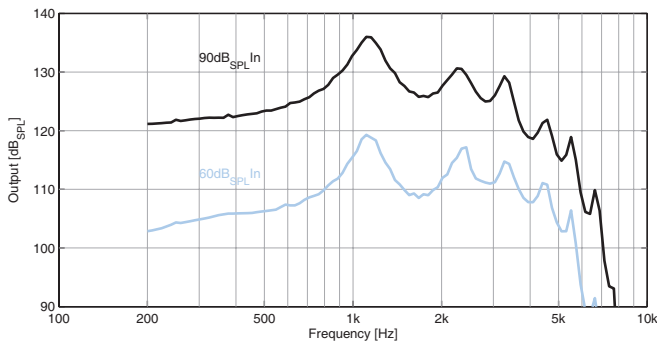
FOG / OSPL90 @ EN 60118-0:1993/A1:1994



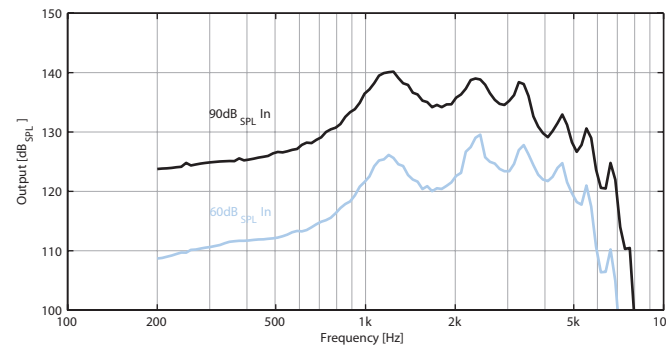
DIRECTIONAL CHARACTERISTIC @ IEC 60118-8:2005



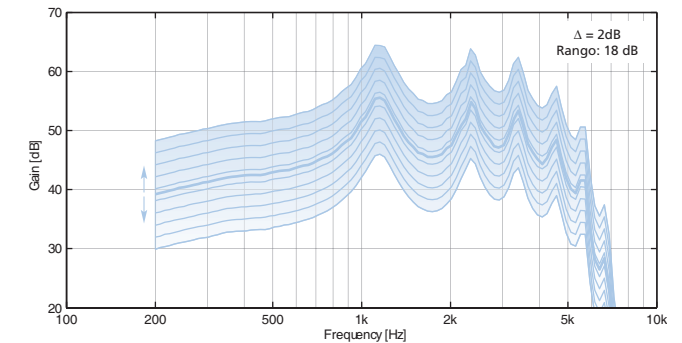
FREQUENCY RESPONSE @ RTG @ EN 60118-7:2005



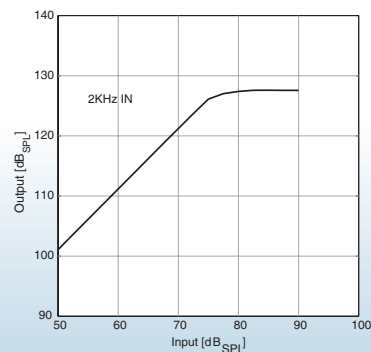
FREQUENCY RESPONSE @ RTG @ EN 60118-0:1993/A1:1994



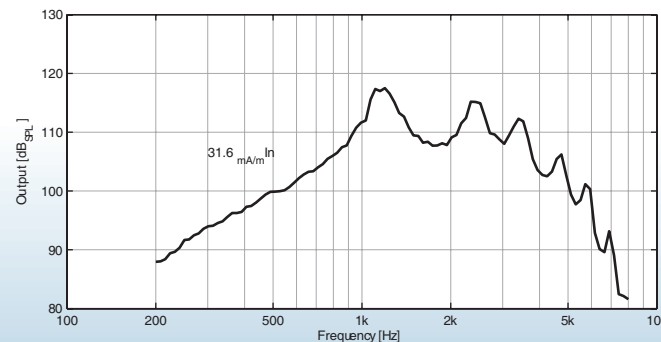
FREQUENCY RESPONSE @ VOL. CTRL. @ EN 60118-7:2005



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



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



## Accessories

- 78022 Label Lid Kit m6 Blue/Red
- 76934 Autophone magnet Kit

## Spare Parts

- 82009 P13 Earhook (10pcs)
- 78013 m6 BTE Label Lid Beige (10pcs)
- 78007 m6 BTE Label Lid Grey (10pcs)
- 79430 Windscreen BTE Grey (10 pcs)
- 79431 Windscreen BTE Beige (10 pcs)