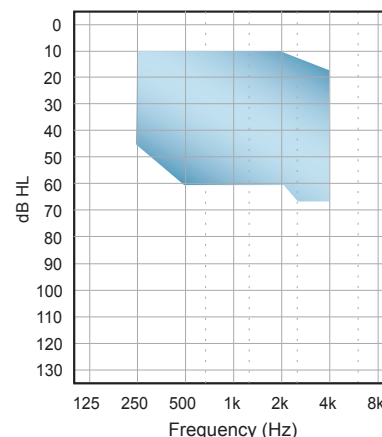


- ① Microphone
- ② Wax filter
- ③ Trimmers
- ④ Battery door (Type 10)
- ⑤ Removal Cord
- ⑥ Venting

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



## DESCRIPTION

According to the M-34 Digital family, M-34 Digital CIC fully digital hearing aid with two channels and WDRC processing strategy. Its two digital controls allows the hearing care professional an easier fitting process with high reliability.

**Intended use:** Indicated to compensate from mild to moderate hearing loss (mixed or transmissive). Its use is not intended for children or people with mental disabilities.

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

	Acoustic Data	IEC 60118-7:2005	IEC 60118-0:1983 A1:1994
OUTPUT	OSPL <sup>1</sup> 90 Peak (dB <sub>SPL</sub> )	113	122
	OSPL90 Peak Frequency (Hz)	300	3000
	HFA <sup>2</sup> -OSPL90 / RTF <sup>3</sup> -OSPL90 (dB <sub>SPL</sub> )	110	116
GANANCIA	HFA-FOG <sup>4</sup> (dB)	37	42
	FOG (dB)	42	51
	FOG Frequency (Hz)	3000	3100
	RTG <sup>5</sup> (dB)	34	41
NOISE	Equivalent Input Noise (dB <sub>SPL</sub> )	28	30
AGC <sup>6</sup>	Attack Time (ms)	1	1
	Release Time (ms)	4	28
DISTORTION	500 Hz @ 70 dB <sub>SPL</sub> (% THD)	1.1	1.9
	800 Hz @ 70 dB <sub>SPL</sub> (% THD)	0.7	1.0
	1600 Hz @ 65 / 70 dB <sub>SPL</sub> (% THD)	0.5	0.9
CONSUMPTION	Current Drain (mA)	0.73	0.70
FREQUENCY LIMITS	f <sub>1</sub> (Hz)	<200	< 200*
	f <sub>2</sub> (Hz)	5500	6200*

Power Source: 1.3 V Battery Simulator

IEC 60318-5:2006 IEC 60318-4:2010

<sup>1</sup>OSPL= Output Sound Pressure Level

<sup>2</sup>HFA= High Frequency Average

<sup>3</sup>RTF= Reference Test Frequency (1600 Hz)

<sup>4</sup>FOG= Full On Gain

<sup>5</sup>RTG= Reference Test Gain

<sup>6</sup>AGC= Automatic Gain Control

\*According to DIN 45605 standard

## Features

- ✓ Matrix 113/42 @ 2cc
- ✓ 100% Digital Technology
- ✓ 2 Channels
- ✓ 2 Controls (NH, VC)
- ✓ Nanoproof Coating<sup>(2)</sup>
- ✓ Battery compartment with ON / OFF function
- ✓ Suitable for Mobile Phones<sup>(3)</sup>
- ✓ Battery 10 Type PR70 (IEC 60086)

## Requirements

- ✓ No programming unit required.

## Accesories & Spare Parts

- 76594 Clarium Filter Kit
- 81903 Battery Door m34 Digital CIC L/R (5 pcs)

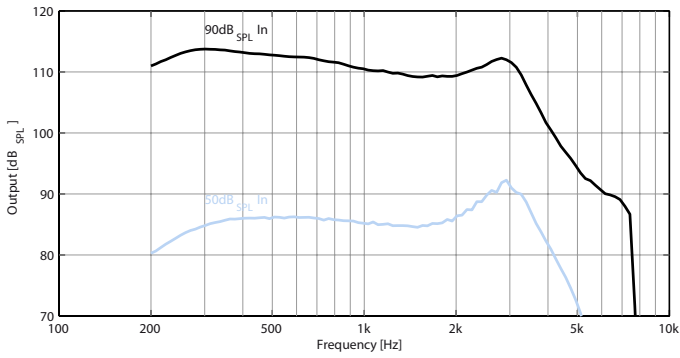
## User Manual

- 81465 User manual M-34 Digital ITC/CIC (ES/EN/DE/IT/PT/FR/TR)

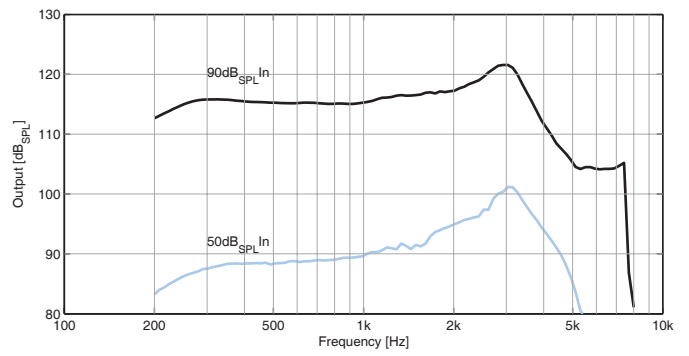
(2) Nanometric Coating protection against intrusion of particles

(3) In compliance with IEC 60118-13

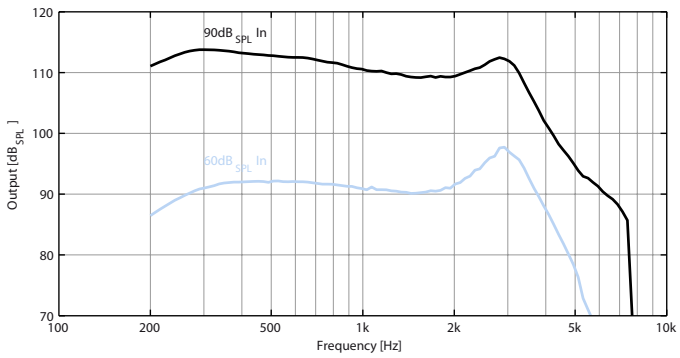
OSPL90 / FOG @ IEC 60118-7:2005



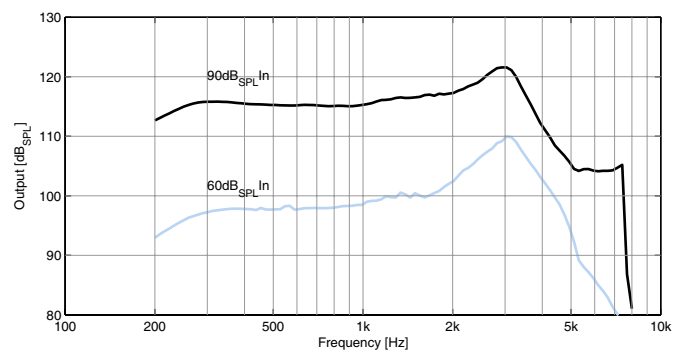
GM / NPAS90 @ IEC 60118-0:1983/A1:1994



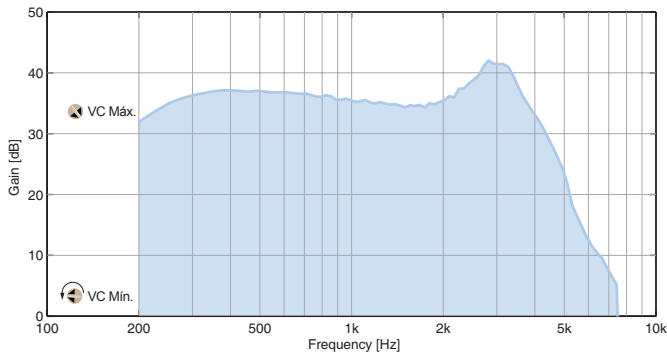
FREQUENCY RESPONSE @ RTG @ IEC 60118-7:2005



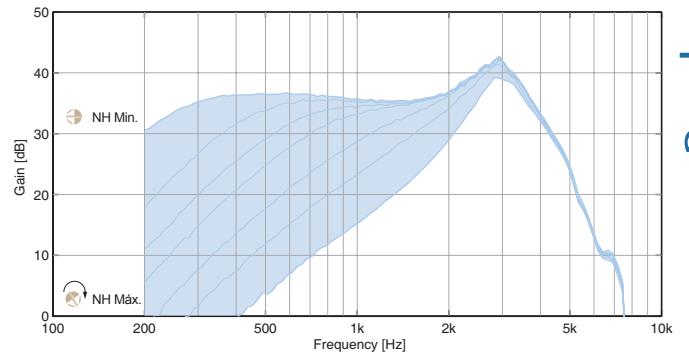
FREQUENCY RESPONSE @ RTS @ IEC 60118-0:1983/A1:1994



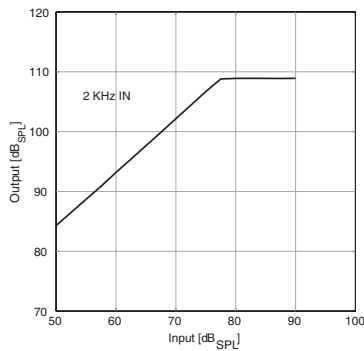
FREQUENCY RESPONSE @ PC CTRL @ IEC 60118-7:2005



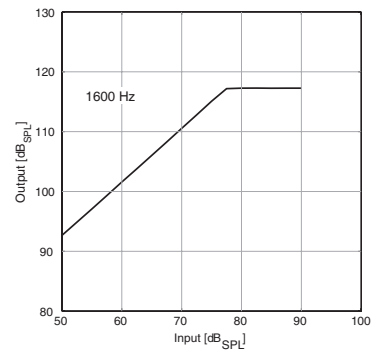
FREQUENCY RESPONSE @ NH CTRL @ IEC 60118-7:2005



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




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



Measurements performed using a UPL 66 (Rohde & Schwarz) Id 23564 test unit on June 2010 and are subject to changes without prior notice.

## HEARING INSTRUMENT CLASSIFICATION IN COMPLIANCE WITH EN 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	CONTINUOUS WORKING

### Power Supply Electrical Features

Nominal Operating Voltage	1.4 V
Current Type	Direct current DC
Nominal Current Leakage	0.70 mA
Battery Nomenclature (EN 60086)	PR70

### Environmental conditions

		Operation		Storage / Transport	
		Min.	Max.	Min.	Max.
	Temperature [T (°C)]	0	40	-20	60
	Relative humidity [RH (%)]	10	95	10	95
	Atmospheric pressure [P (hPA)]	500*	1100*	500*	1100*

\*Avoid rapid pressure changes

PRODUCT	REFERENCE	MODEL	GTIN-13
M34 DIGITAL CIC	80007	FP M34 DIGITAL CIC R BEIGE	8435281307319
	80008	FP M34 DIGITAL CIC L BEIGE	8435281307302

GMDN Code 41209