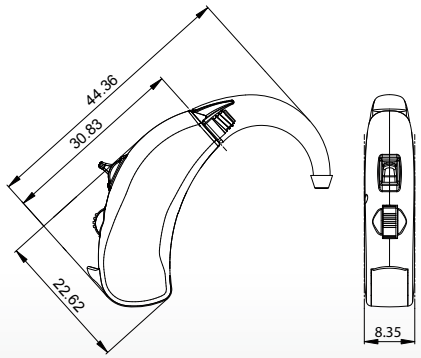
R-64 Digital HighPower

1. Ear Hook
2. Microphone
3. Switch (M/T)
4. Volume Control
5. Battery compartment (Type 13)
6. Trimmers cover



Weight without battery: 3.6 gr.
Weight with battery: 4.44 gr.
Size in mm.

DESCRIPCIÓN

According to the R-64 Digital, R-64 Digital HighPower is an one channel fully digital power hearing aid with WDRC strategy.

Its 2 Digital Trimmers and its powerful matrix, offer to the hearing care professional an easier fitting process with high reliability.

R-64 Digital HighPower is designed for severe to profound (transmisive and mixed) hearing loss.

	Acoustic Data	IEC 118-7:2005	IEC 118-0
OUTPUT	OSPL 90 @ Peak	138	142
	OSPL 90 @ Peak Frequency	1000	2400
	OSPL 90 @ RTF	126	134
GAIN	Full On Gain @ RTF* (dB)	61	70
	Full On Gain @ Peak (dB)	76	78
	FOG Peak Frequency (Hz)	939	957
	Reference Test Gain	53	61
NOISE	Equivalent Input Noise (dB_{SPL})	31	28
TELECOIL	Induction Coil Sensitivity (31,6 mA/m)	106	113
	500 Hz @ 100 mA/m (%)	3,0	2,3
	800 Hz @ 100 mA/m (%)	0,5	0,8
	1600 Hz @ 100 mA/m (%)	0,6	0,7
WDRC	Attack Time (ms)	3	3
	Release Time (ms)	259	280
DISTORTION	500 Hz @ 70 dB_{SPL}IN (%)	2,0	2,6
	800 Hz @ 70 dB_{SPL}IN (%)	1,0	1,9
	1600 Hz @ 70 dB_{SPL}IN (%)	0,8	0,9
CONSUMPTION	Current Drain (mA)	1,17	1,15
		2CC	ES

*RTF = 1600 Hz

Features

- √ Matrix 138/76
- √ 100% Digital Technology
- √ 1 Channel
- √ 2 Trimmer Controls (NH, PC)
- √ Switch (M / T)
- √ Battery compartment with ON / OFF function
- √ Alerting Tone for Program Change
- √ Low Battery Indicator
- √ Small Size
- √ Fully compatible with mobile phones*
- √ Battery 13 Type

Requirements

- √ No programming unit required.

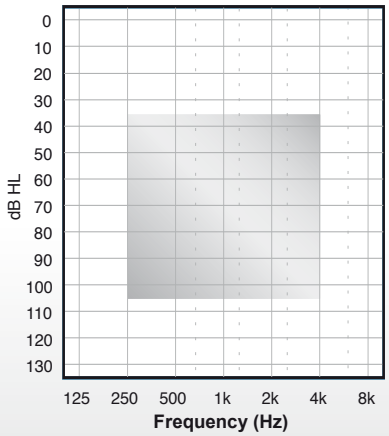
Options

Ref. 75140 Volume control cover (10 u.)

Order Number

Ref: 75791 R-64 Digital HighPower

Fitting Range



* In compliance with IEC 60118-13

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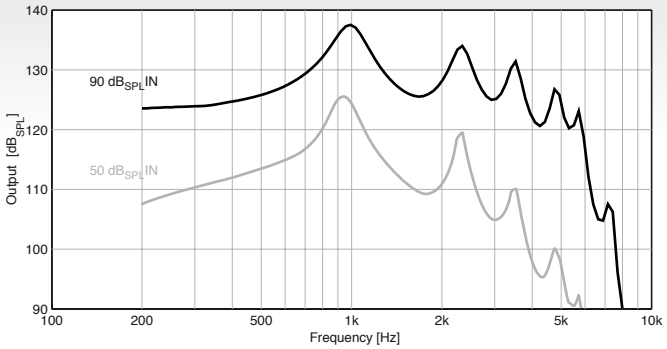
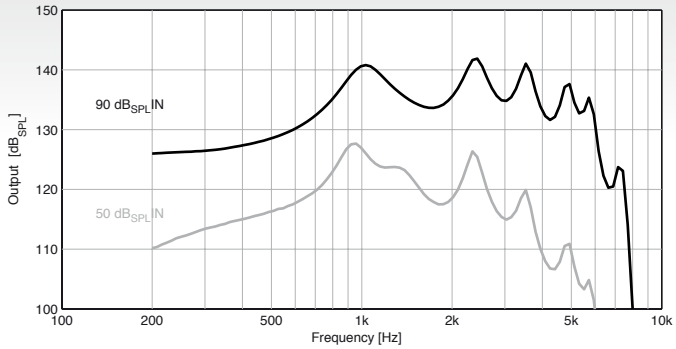
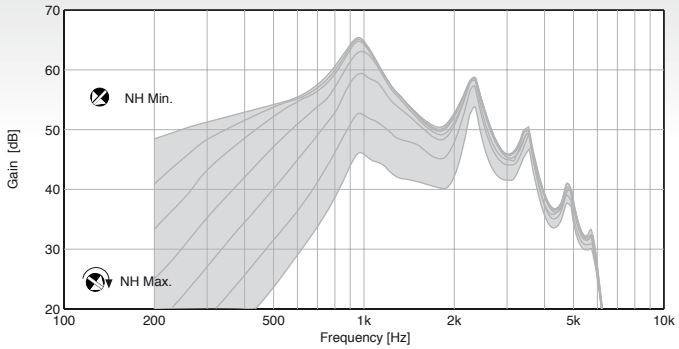
OSPL @ FULL ON GAIN @ IEC 118-7



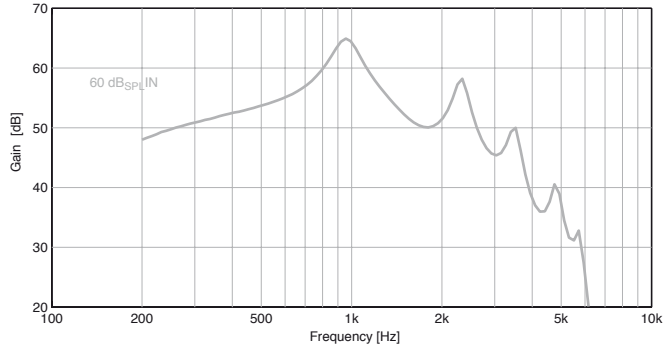
OSPL @ FULL ON GAIN @ IEC 118-0



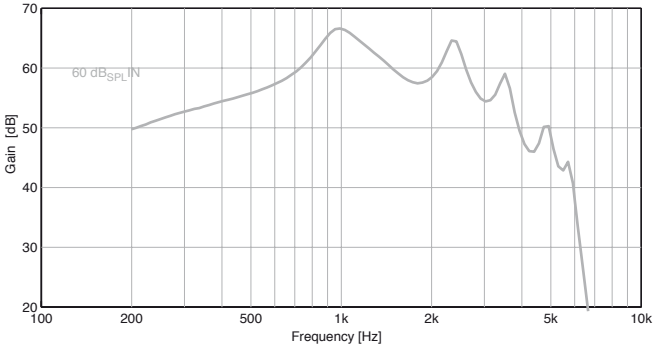
FREQUENCY RESPONSE VS NH CONTROL



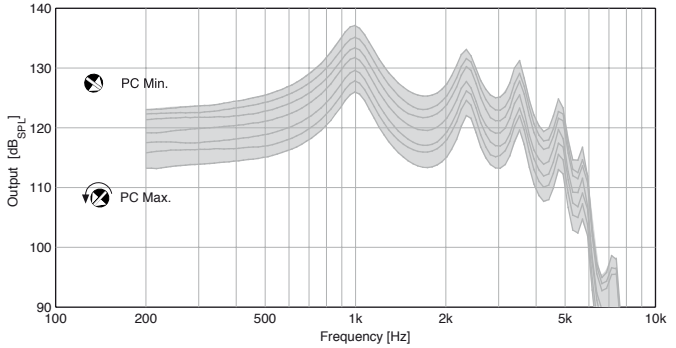
FREQUENCY RESPONSE @ IEC 118-7



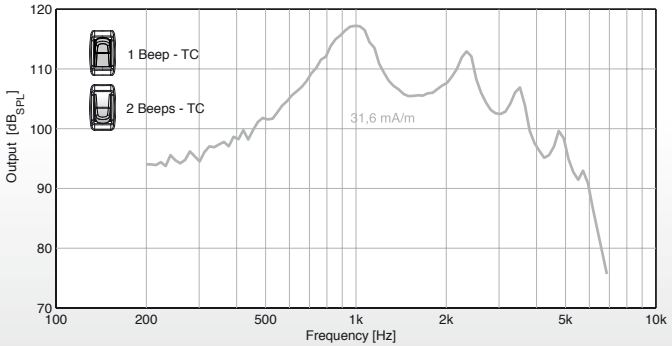
FREQUENCY RESPONSE @ IEC 118-0



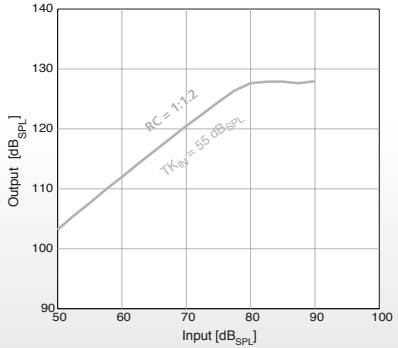
OSPL VS CONTROL PC



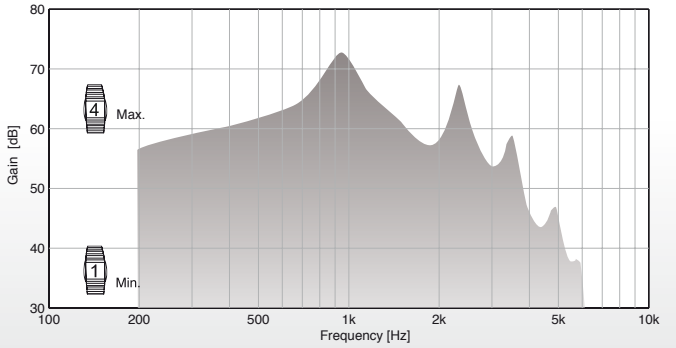
INDUCTION COIL SENSITIVITY @ IEC 118-7



INPUT / OUTPUT @ REF. TEST GAIN @ IEC 118-7



FREQUENCY RESPONSE VS VOLUME CONTROL



DS12120E
Rev.A 10/08

CE 0197