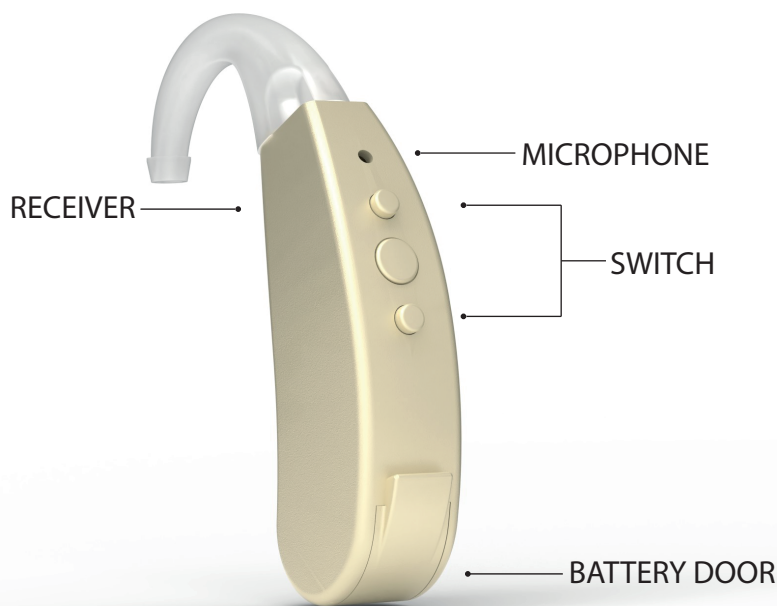




DESCRIPTION AND INTENDED USE

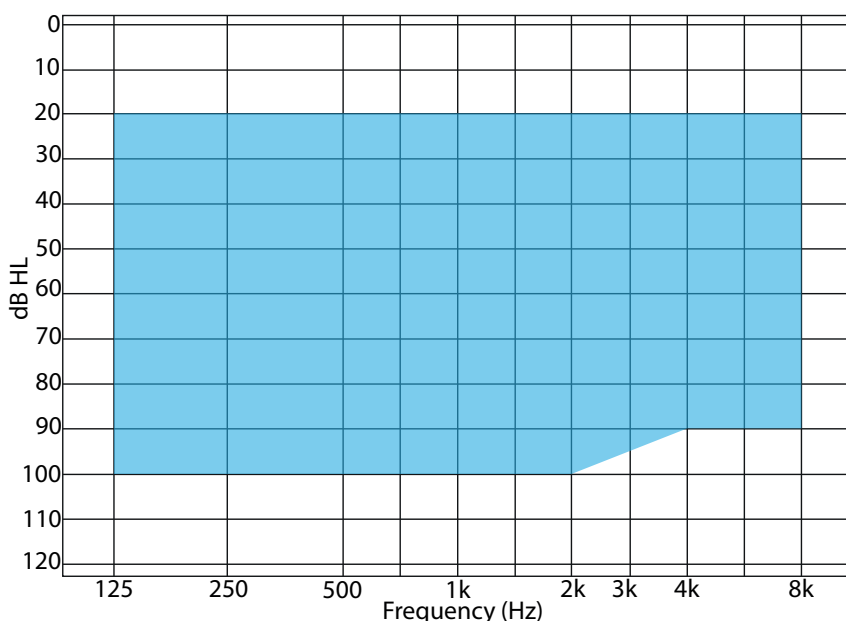
MITO SUPER POWER: Behind The Ear (BTE) air conduction digital hearing aid, heavy-duty design, battery 13, programmable through fitting software. It is intended to compensate for mild to severe hearing losses (transmissive, mixed or sensorineural) with its super powerful (SP) receiver.

Six (6) channels WDRC hearing aid, 12 adjusting bands (equalizers), 4 memories, feedback notch filter, low and high cut filters, output limiting. Moreover, Adaptive feedback cancelling and Noise reduction and Adaptive directional microphone processing available.

FEATURES

- 6-Channel Wide Dynamic Range Compression (WDRC) with Dynamic Contrast Detection™
- Patented Adaptive Feedback Cancelling
- Layered Noise Reduction™
- Two Compression Adjustment Paradigms
- Adaptive Directional Microphone Processing
- Battery Type: 13

FITTING RANGE



WARNING!

This hearing aid can generate sound output levels in excess of 132 dB _{SPL} (IEC 60318-4 Coupler). The hearing care specialist should be specially careful fitting the instrument as there may be risk of impairing the remaining hearing of the hearing instrument user.

Technical data <i>Measured according to</i>		EAR SIMULATOR <i>IEC 60118-0:2015 and IEC 60318-5:2006</i>	2CC Coupler <i>ANSI S3.22-2014, IEC60118-7:2005 and IEC 60318-5:2006</i>
Horentek Mito		SUPER POWER	SUPER POWER
Frequency range Hz		200/5000 Hz	200/5000 Hz
OSPL90	Peak measurement	-	-
	Peak 1100 Hz	138 dB	133 dB
	HFA AVERAGE	132 dB	127 dB
Full-on gain 50*	Peak Measurement	-	-
	Peak 2100 Hz	78 dB	73 dB
	HFA AVERAGE	71 dB	65 dB
Reference test gain		55 dB	50 dB
Telecoil output (1600 Hz)	1 mA/m field	-	-
	10 mA/m field		
	SPLITS L/R		
Total harmonic distortion (input 70 dB SPL)	500 Hz	< 2 %	< 2 %
	800 Hz	< 2 %	< 2 %
	1600 Hz	< 2 %	< 2 %
Equivalent input noise level		32 dB SPL	30 dB SPL
Battery consumption**(Battery 13) Typical		1.25 mA	1.25 mA
Battery life, artificial measurements, hours ***		332	332

* Measured with the gain control of the hearing aid set to its full-on position minus 20dB and with an input SPL of 70 dB.
 ** Battery current is measured according to IEC 60118-0:2015 §7.7 after a settling time of a minimum of 3 minutes
 *** Based on the standardized battery consumption measurement. The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.

Data may vary by more or less 5%

