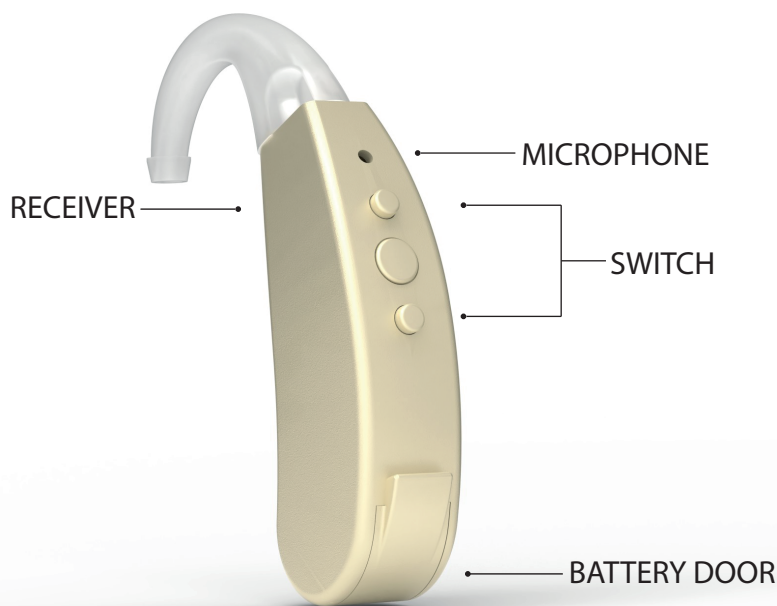




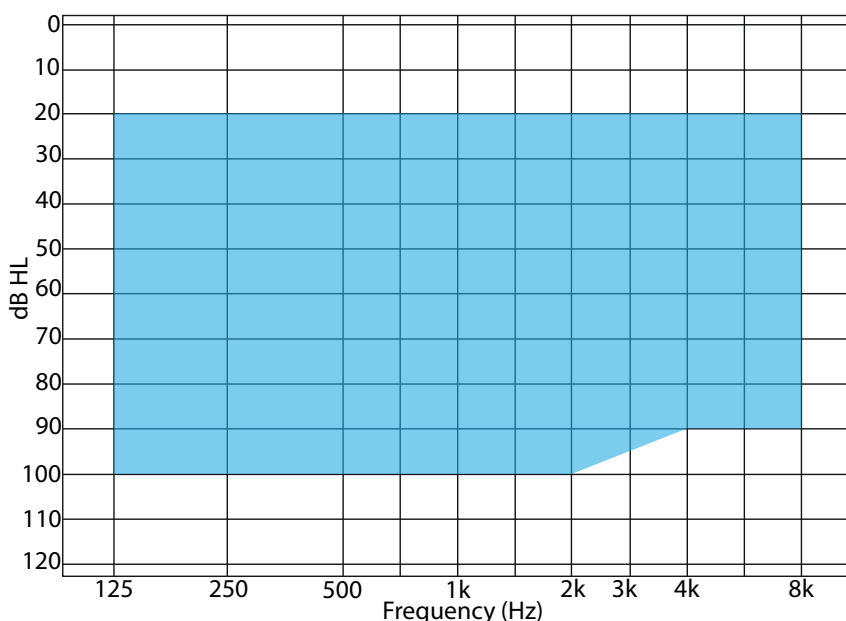
DESCRIPTION AND INTENDED USE

MITO VCP ULTIMATE: Mito VCP is a heavy-duty design BTE hearing aid with volume control potentiometer. Eight (8) channels WDRC hearing aid, 12 adjusting bands (equalizers), 4 memories, automatic telecoil and MTO switching, feedback notch filter, low and high cut filters, output limiting. Moreover, Third-Generation Adaptive feedback cancelling and Layered Noise reduction (12 bands and cut settings available to 17dB for extreme situation). Event datalogging and Adaptive directional microphone processing available. In-situ tone generator.

FEATURES

- Voice Indicators
- Reliant™ Adaptive Feedback Cancelling
- Improved Layered Noise Reduction™
- 8-Channel Wide Dynamic Range Compression (WDRC) with Dynamic Contrast Detection™
- Adaptive Directional Microphone Processing
- Battery Type: 13

FITTING RANGE



WARNING!

This hearing aid can generate sound output levels in excess of 132 dB_{HL} (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		VCP ULTIMATE	VCP ULTIMATE
Frequency range Hz		200/5000 Hz	200/5000 Hz
OSPL90	Peak measurement	-	-
	Peak 1100 Hz	136 dB	131 dB
	HFA AVERAGE	128 dB	123 dB
Full-on gain 50*	Peak Measurement	-	-
	Peak 2100 Hz	78 dB	73 dB
	HFA AVERAGE	66 dB	61 dB
Reference test gain		51 dB	46 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		30 dB SPL	25 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%

