



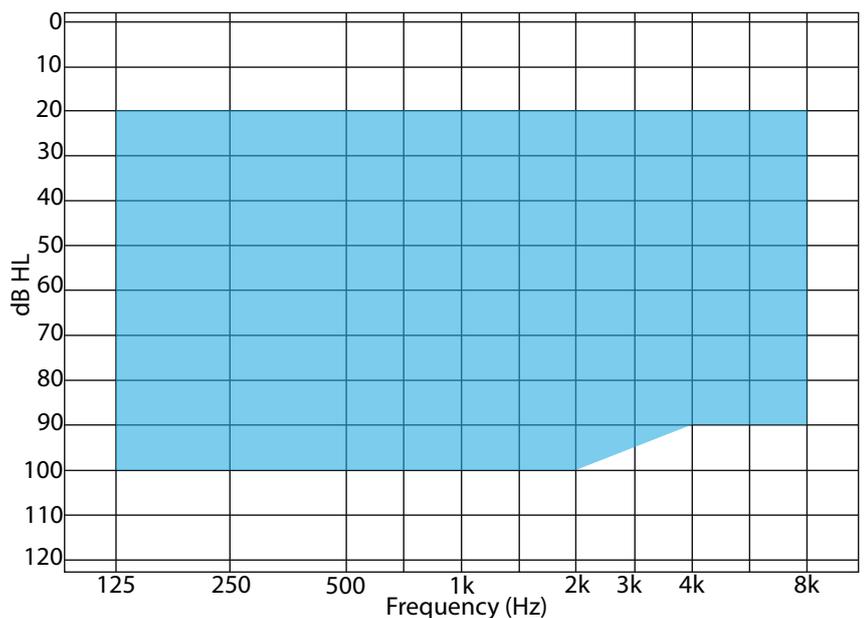
DESCRIPTION AND INTENDED USE

MITO ULTIMATE: Behind The Ear (BTE) air conduction digital hearing aid, battery 13, programmable through fitting software. It is intended to compensate for mild to severe hearing losses (transmissive, mixed or sensorineural). 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_{eq} (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.

CE FDA Approved
1370

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		ULTIMATE	ULTIMATE
Frequency range Hz		200/5000 Hz	200/5000 Hz
OSPL90	Peak measurement	-	-
	Peak 1100 Hz	134 dB	129 dB
	HFA AVERAGE	128 dB	123 dB
Full-on gain 50*	Peak Measurement	-	-
	Peak 2100 Hz	70 dB	65 dB
	HFA AVERAGE	56 dB	53 dB
Reference test gain		52 dB	47 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	< 3 %	< 3 %
	800 Hz	< 2 %	< 2 %
	1600 Hz	< 2 %	< 2 %
Equivalent input noise level		30 dB SPL	25 dB SPL
Battery consumption**(Battery 13)	Typical	0.92 mA	0.92 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%

