



DESCRIPTION AND INTENDED USE

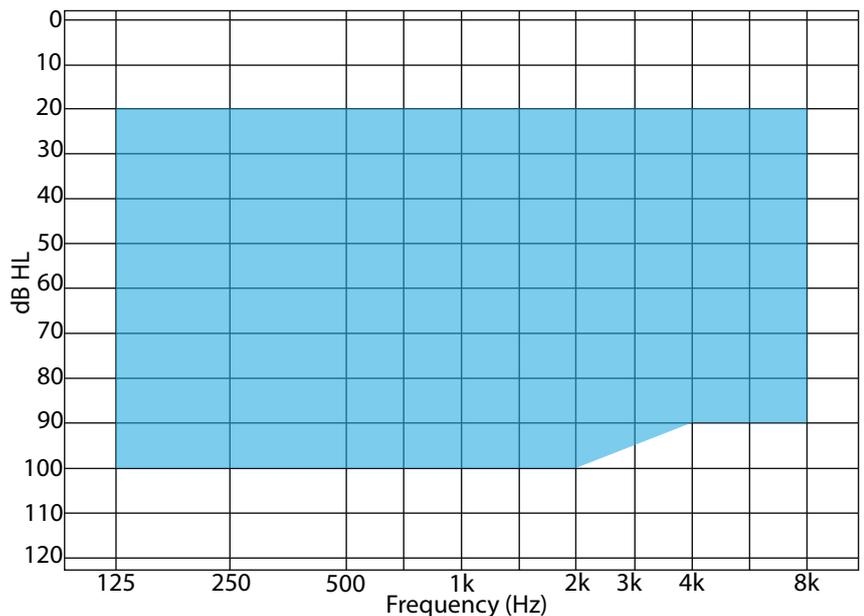
MITO CLASSIC POWER: Behind The Ear (BTE) air conduction digital hearing aid, heavy-duty design, battery 13, programmable through fitting software. It is intended to compensate for mild to severe hearing losses (transmissive, mixed or sensorineural) with its powerful (P) receiver.

Four (4) 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, Adaptive feedback cancelling and Noise reduction (10 bands and 3 levels of noise).

FEATURES

- 4-Channel Wide Dynamic Range Compression with Dynamic Contrast Detection™
- Patented Adaptive Feedback Cancelling
- Layered Noise Reduction™
- Expansion – Gain Reduction for Low-Level Sound
- Output Limiting – Wide Band Output Limiting (MPO) with Adjustable Thresholds
- 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		CLASSIC POWER	CLASSIC POWER
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	80 dB	75 dB
	HFA AVERAGE	66 dB	61 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	27 dB SPL
Battery consumption**(Battery 13)	Typical	1.00 mA	1.00 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%

