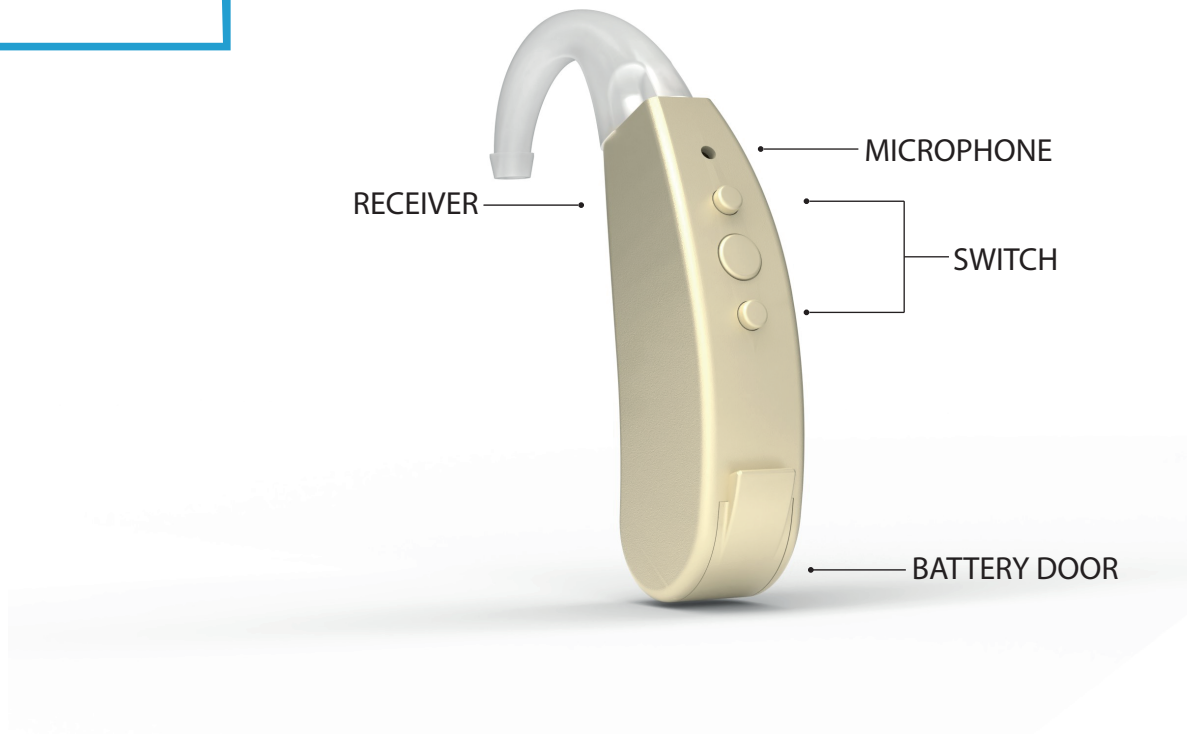
MITO
Behind The Ear

HORENTEK
REVOLUTION MADE IN ITALY



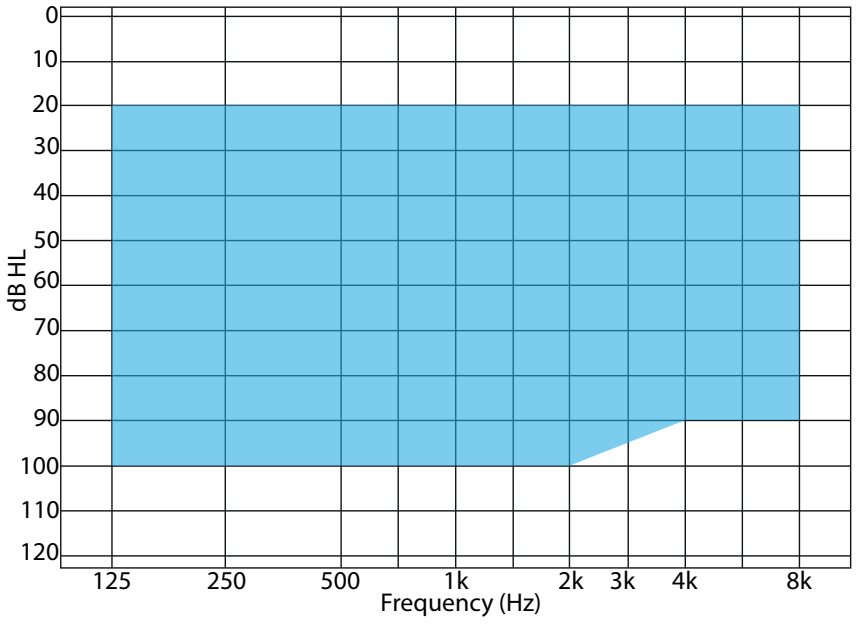
DESCRIPTION AND INTENDED USE

MITO PRO: 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).
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 Adapative 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.

CE 1370 FDA Approved

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Technical data *Measured according to*		**EAR SIMULATOR** *IEC 60118-0:2015 and IEC 60318-5:2006*	**2CC Coupler** *ANSI S3.22-2014, IEC60118-7:2005 and IEC 60318-5:2006*
Horentek Mito		***PRO***	***PRO***
Frequency range Hz		200/5000 Hz	200/5000 Hz
OSPL90	Peak measurement Peak 1100 Hz HFA AVERAGE	- 134 dB 128 dB	- 129 dB 123 dB
Full-on gain 50*	Peak Measurement Peak 2100 Hz HFA AVERAGE	- 70 dB 56 dB	- 65 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 800 Hz 1600 Hz	< 3 % < 2 % < 2 %	< 3 % < 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 measuraments, hours ***		332	332

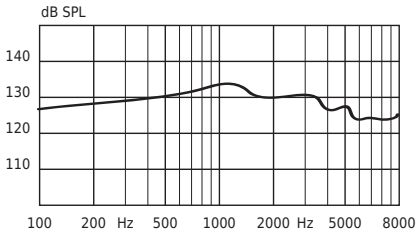
* Measured with the gain control of the hearing aid set to its full-on position minus 20dB and with an input SPL of 70 dB.
** Battery current is measured according to IEC 60118-0:2015 §7.7 after a settling time of a minimum of 3 minutes
*** Based on the standardized battery consumption measurement. The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

Data may vary by more or less 5%

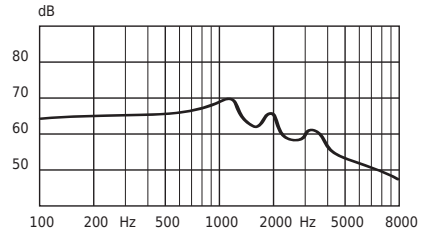
Ear simulator

PRO

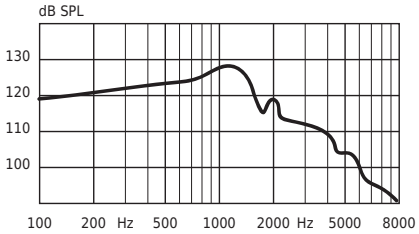
OSPL90



Full-on Gain



Frequency Response



2CC Coupler

PRO