

DESCRIPTION AND INTENDED USE

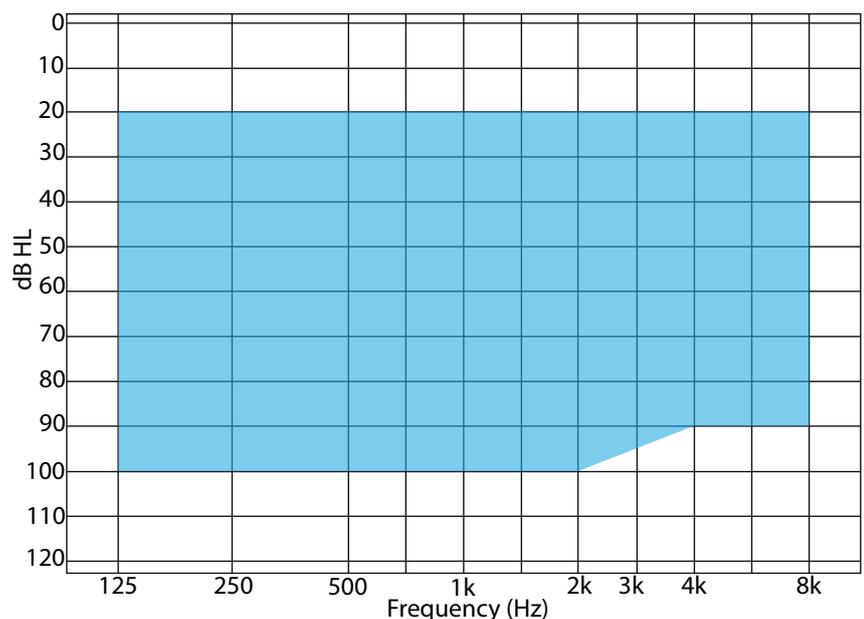
Like ULTIMATE: Innovative BTE-style hearing aid with a modern Italian design, two microphones and a great receiver covering profound hearing losses.

Eight (8) channels WDRC hearing aid, 12 adjusting bands (equalizers), 4 memories, 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
- Double Microphones

FITTING RANGE



WARNING!
This hearing aid can generate sound output levels in excess of 132 dB_{un} (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



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 Like		ULTIMATE	ULTIMATE
Frequency range Hz		200/4800 Hz	200/4800 Hz
OSPL90	Peak Measurement	-	-
	Peak 1100 Hz	131 dB	125 dB
	HFA AVERAGE	120 dB	115 dB
Full-on gain 50*	Peak Measurement	-	-
	Peak 1000 Hz	50 dB	45 dB
	HFA AVERAGE	35 dB	30 dB
Reference test gain		50 dB	45 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	< 3 %	< 3 %
Equivalent input noise level		15 dB SPL	15 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%

