

DESCRIPTION AND INTENDED USE

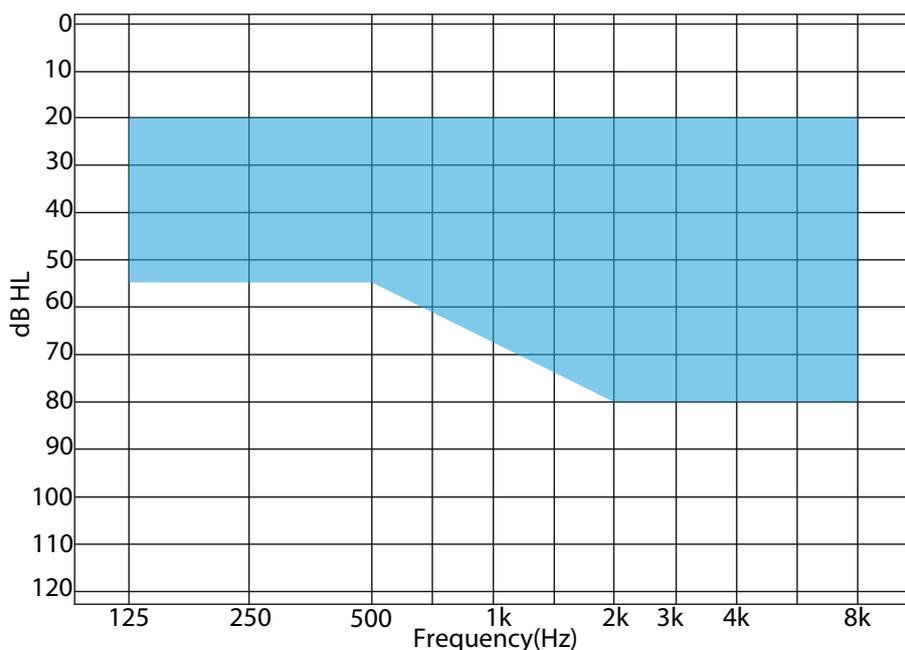
Hore Standard ULTIMATE: In-the-ear (ITE) hearing aid style with modular faceplate, easy removable. Suitable for moderate and severe hearing loss.

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: 10

FITTING RANGE



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 HORE Standard		ULTIMATE	ULTIMATE
Frequency range Hz		200/5300 Hz	200/5300 Hz
OSPL90	Peak Measurement	-	-
	Peak 500 Hz	123 dB	118 dB
	HFA AVERAGE	108 dB	103 dB
Full-on gain 50*	Peak Measurement	-	-
	Peak 500 Hz	57 dB	52 dB
	HFA AVERAGE	46 dB	41 dB
Reference test gain		42 dB	35 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		35 dB SPL	30 dB SPL
Battery consumption**	(Battery 10)Typical	0.68 mA	0.68 mA
Battery life, artificial measurements, hours ***		243	243

* 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%

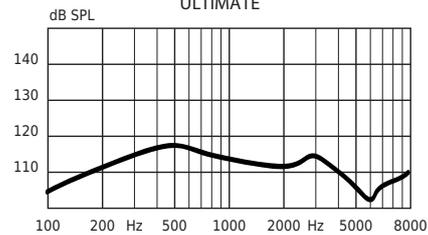
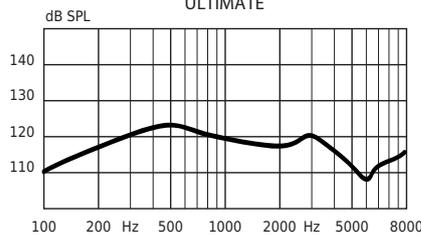
Ear simulator

2CC Coupler

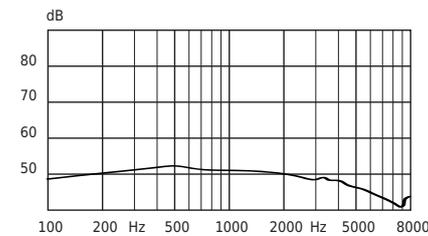
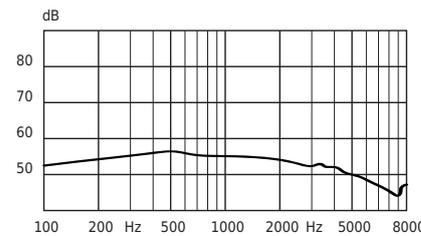
ULTIMATE

ULTIMATE

OSPL90



Full-on Gain



Frequency Response

