

DESCRIPTION AND INTENDED USE

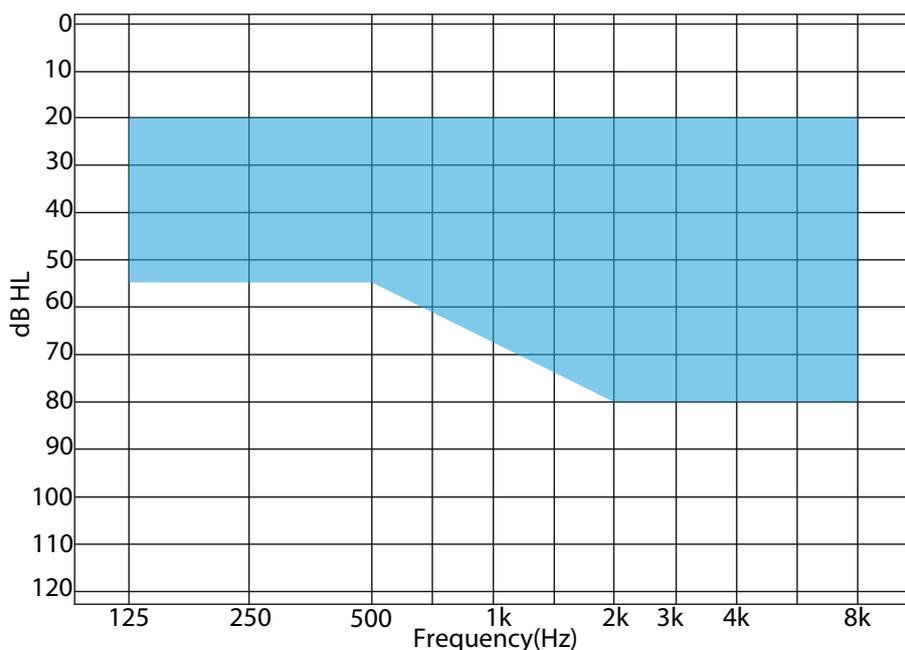
Hore Modular ULTIMATE: In-the-ear (ITE) hearing aid style with modular faceplate, easy removable. Suitable for moderate and severe hearing loss.

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 Modular | | ULTIMATE | ULTIMATE |
| Frequency range Hz | | 200/5300 Hz | 200/5300 Hz |
| OSPL90 | Peak Measurement | - | - |
| | Peak 500 Hz | 120 dB | 121 dB |
| | HFA AVERAGE | 115 dB | 110 dB |
| Full-on gain 50* | Peak Measurement | - | - |
| | Peak 500 Hz | 66 dB | 58 dB |
| | HFA AVERAGE | 57 dB | 41 dB |
| Reference test gain | | 32 dB | 27 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 | | 47 dB SPL | 31 dB SPL |
| Battery consumption** | (Battery 10)Typical | 0.66 mA | 0.66 mA |
| Battery life, artificial measurements, hours *** | | 243 | 243 |

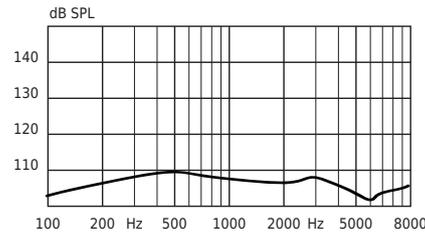
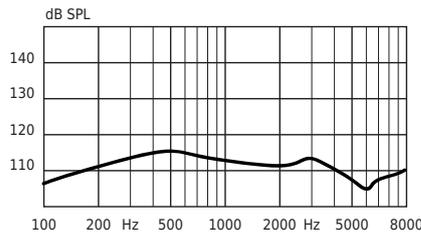
* Measured with the gain control of the hearing aid set to its full-on position minus 20dB and with an input SPL of 70 dB.
 ** Battery current is measured according to IEC 60118-0:2015 §7.7 after a settling time of a minimum of 3 minutes
 *** Based on the standardized battery consumption measurement. 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%

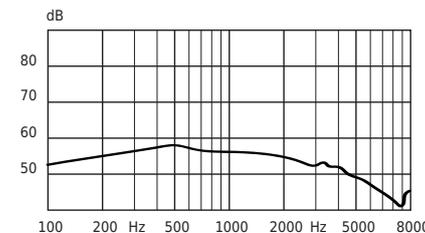
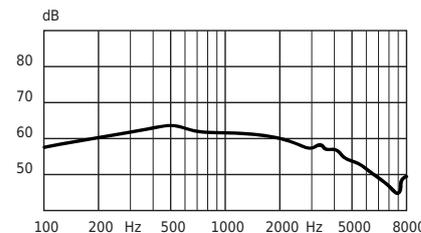
Ear simulator
ULTIMATE

2CC Coupler
ULTIMATE

OSPL90



Full-on Gain



Frequency Response

