

Vista

Vista 300 M 312 BTE hearing aid



M 312

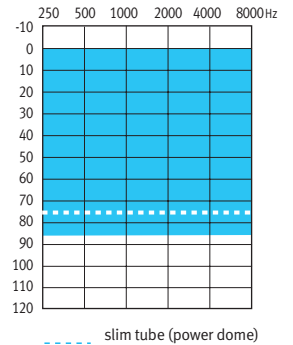
| Performance profile | Vista 300 |
|----------------------|-----------------|
| Channels / bands | 4/8 |
| Processing types | WDRC and linear |
| Adaptive directional | • |
| Fixed directional | • |

| Signature feature | |
|-------------------|---|
| AutoMic | • |

| Features | |
|--|------------|
| Manual programs | Up to 4 |
| Automatic Adaptation Manager | • |
| Noise reduction | 3 settings |
| Speech intensifier | 3 settings |
| Feedback manager | • |
| Natural Sound | • |
| Pulse protector | 3 settings |
| Wind noise manager | 3 settings |
| MyMusic | • |
| Data logging | • |
| IntelliVent technology for custom ear pieces | • |
| Plasma coating | • |
| IP57 | • |

| Class | M 312 |
|---|----------|
| Peak output / gain 2cc filtered earhook | 133 / 57 |
| Peak output / gain slim tube | 126 / 54 |
| Battery size | 312 |

Fitting guides



Vista 300 M 312 BTE series

M 312 slim tube
(optional)

M 312 earhook
(standard)

ANSI 3.22 2009/IEC 118-7 2005 2cc coupler technical data

| | | | |
|--|--|----------|----------|
| | Reference test frequency - IEC 118-7 (kHz) | 1.6 | 1.6 |
| | OSPL90 | | |
| | Maximum (dB SPL) | 126 | 133 |
| | Nominal (dB SPL) | 123 | 130 |
| | HFA - OSPL90 (dB SPL) | 114 | 120 |
| | at RTF (dB SPL) | 111 | 125 |
| | Full on gain (input 50 dB SPL) | | |
| | Maximum (dB) | 54 | 57 |
| | HFA - FOG (dB) | 48 | 50 |
| | at RTF (dB) | 45 | 53 |
| | Reference test setting (RTS) | | |
| | Frequency range (Hz) | 100-5600 | 100-6000 |
| | Reference test gain (dB) | 37 | 43 |
| | Current drain at RTS (mA) | 1.2 | 1.25 |
| | Typical battery life (h) | 140 | 136 |
| | Equivalent input noise at RTS (dB SPL) | 19 | 19 |
| | Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%) | 1/.5/.5 | 2/1/.5 |
| Electromagnetic compatibility | | | |
| EMC immunity by ANSI c63.19-2001 EMC, omni | M4 | M4 | |

IEC 118-o OES coupler technical data

| | | | |
|--|--|----------|----------|
| | Reference test frequency - IEC 118-o (kHz) | 1.6 | 1.6 |
| | OSPL90 | | |
| | Maximum (dB SPL) | 128 | 133 |
| | at RTF (dB SPL) | 120 | 132 |
| | Full on gain (input 50 dB SPL) | | |
| | Maximum (dB) | 60 | 62 |
| | at RTF (dB) | 54 | 61 |
| | Basic frequency response | | |
| | Frequency range (DIN 45605) (Hz) | 100-6000 | 100-7100 |
| | Reference test gain (dB) | 45 | 54 |
| | Current drain at RTG (mA) | 1.2 | 1.2 |
| | Typical battery life (h) | 140 | 140 |
| | Equivalent input noise at RTG (dB SPL) | 19 | 19 |
| | Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%) | 1/.5/1 | 2/1/1 |
| Electromagnetic compatibility | | | |
| EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni IRIL low/medium/high band (dB SPL) | 36/18/25 | 36/18/25 | |

Legend

- M 312 earhook
- M 312 slimtube

Test conditions

Earhook: filtered; Battery size: 312; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm
Hearing instrument set to Vista:fit test settings.

Domes should never be fit on patients with perforated eardrums, exposed middle ear cavities, or surgically altered ear canals.
In the case of such a condition, we recommend use of a customized earmold.

Sound pressure level of these hearing aids exceeds 132 dB SPL.

We reserve the right to change specification data without notice as improvements are introduced.