

advance - ITE

Performance level: 152/252/352/552/652/852



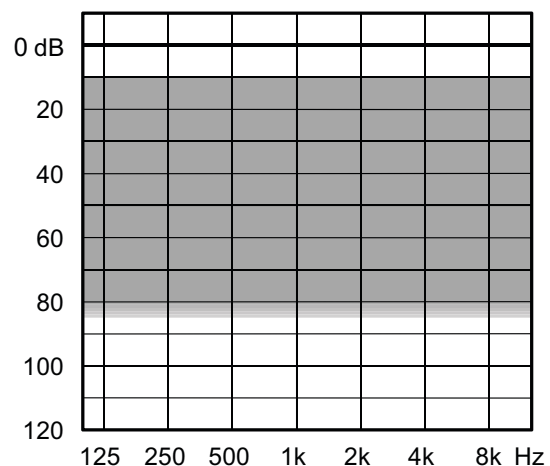
The ITE is based upon the new Technology Platform with Sound Class Technology for automated classification of sound environments and optimal sound processing determined by the sound classes.

With wireless connectivity technology, and compatible with the DEX assistive listening devices.

Uses a size 312 battery.

Minimal to severe hearing losses.

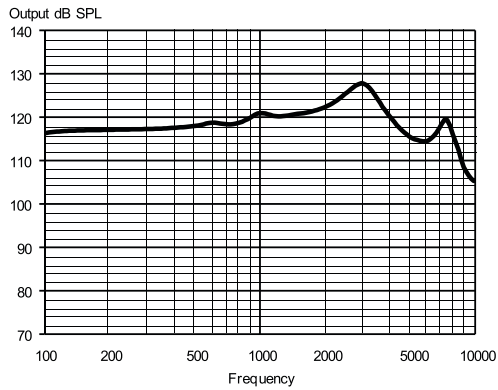
Suggested fitting range



| | 152 | 252 | 352 | 552 | 652 | 852 |
|--|---------|---------|---------|-----------------|-----------------|--------------------|
| Processing channels and fine tuning channels | 4 | 4 | 4 | 6 | 10 | 15 |
| TruSound Softener | | | | Yes | Yes | Yes |
| Audibility Extender | | | Yes | Yes | Yes | Yes |
| Soft-level noise reduction | | | Yes | Yes | Yes | Yes |
| Zen | | | Yes | InterEar | InterEar | InterEar |
| Preference control | | via DEX | via DEX | via DEX | via DEX | via DEX |
| Connectivity and wireless compatibility | | via DEX | via DEX | via DEX | via DEX | via DEX |
| Sound Class Technology | 1 | 1 | 1 | 3 | 5 (InterEar) | 9 (InterEar) |
| Focus Mode | Yes | Yes | Yes | Yes | Yes | Yes |
| Number of programs | 1 | 3 | 3 | 3 | 4 | 5 |
| Variable Speed Compression | Classic | Classic | Yes | Yes/InterEar | Yes/InterEar | Yes/InterEar |
| Speech Enhancer and Noise Reduction | minimal | Comfort | Comfort | Noise Reduction | Speech Enhancer | RT Speech Enhancer |
| Program selectable | 4 | 5 | 6 | 9 | 10 | 12 |

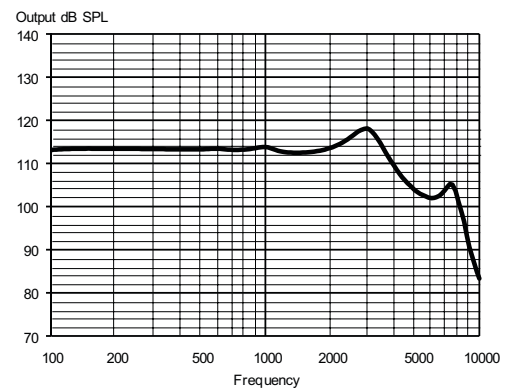
Maximum output - Ear simulator

IEC 60118-0



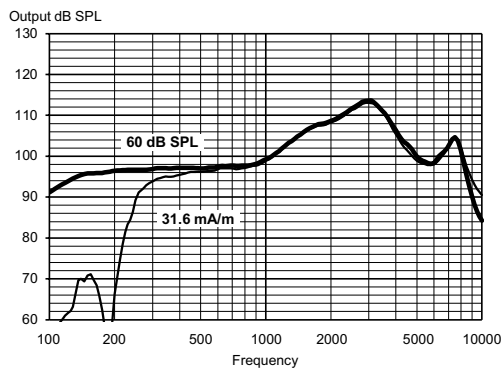
Maximum output - 2cc coupler

IEC 60118-7



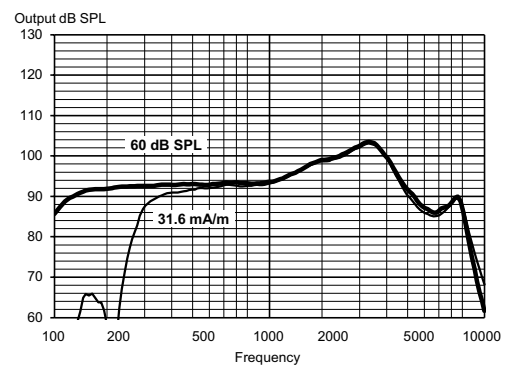
Output - Ear simulator

IEC 60118-0



Output - 2cc coupler

IEC 60118-7



Technical data

Typical data obtained through standard pure tone measurements. Hearing aid set to Compass Reference Test Gain, unless stated otherwise. Measured using a standard ITE coupler without wax guard, and with a 5 x 1.55mm tube.

| | | IEC 60118-0 | IEC 60118-7 |
|--|---------|--------------------------|-----------------|
| OSPL90 | 1600 Hz | 121 dB SPL | 112 dB SPL |
| | Peak | 128 dB SPL | 118 dB SPL |
| | Average | 121 dB SPL | 114 dB SPL |
| Acoustic output (Input 60 dB SPL) | 1600 Hz | 107 dB SPL | 98 dB SPL |
| | Peak | 113 dB SPL | 103 dB SPL |
| | Average | 101 dB SPL | 98 dB SPL |
| Full-on gain (Input 50 dB SPL, Compass Full-on gain) | 1600 Hz | 66 dB | 56 dB |
| | Peak | 67 dB | 59 dB |
| | Average | 65 dB | 56 dB |
| Telecoil output (Input 31.6 mA/m) | 1600 Hz | 107 dB SPL | 98 dB SPL |
| | Peak | 113 dB SPL | 103 dB SPL |
| | Average | 101 dB SPL | 98 dB SPL |
| Frequency range | | 100 Hz - 9800 Hz | 100 Hz - 8800Hz |
| Harmonic distortion | 500 Hz | <2% | <2% |
| | 800 Hz | <2% | <2% |
| | 1600 Hz | <2% | <2% |
| Equivalent input noise | | 23 dB SPL | 22 dB SPL |
| Battery drain (stand by) | | 1.03 mA | 1.03 mA |
| Battery drain | | 1.13 mA | 1.20 mA |
| Battery life / hours (Type 312 Zn-Air, 145 mAh) | | 130 (>110) | 120 (>105) |
| Mobile phone immunity | | IRIL: -35/-38/-37 dB SPL | U-rating: M4/T4 |