

# WIDEX MAGNIFY™ BTE 312

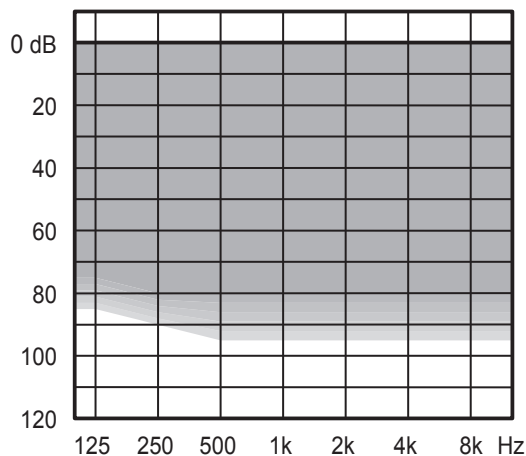


The WIDEX BTE 312 is part of the WIDEX MAGNIFY™ family. Built around the WIDEX MAGNIFY™ platform to deliver better sound via TruAcoustics™ and all on a brand-new chip.

Fitting BTE 312 is easier than ever before, thanks to TruAcoustics™ giving a more powerful personalised sound.

- Multiple wireless connectivity via WidexLink technology and TONELINK App
- Compatible with the DEX assistive listening devices
- Uses a size 312 battery
- Protection class IP68
- Minimal to severe-to-profound hearing losses

## SUGGESTED FITTING RANGE



## STANDARD TECHNOLOGY

- WIDEX MAGNIFY™ platform with Personal Gain Integrator
- TruAcoustics™ for improved sound and fitting

| KEY FEATURES                                | 440   | 330   | 220  | 110 |
|---|-------|-------|------|-----|
| Performance                                 | ***** | ***** | **** | **  |
| Processing and fine-tuning channels         | 15    | 12    | 10   | 6   |
| TruAcoustics™ with Personal Gain Integrator | •     | •     | •    | •   |

## CONNECTIVITY

|   |   |   |   |   |
|---|---|---|---|---|
| WidexLink to DEX assistive listening devices* | • | • | • | • |
|---|---|---|---|---|

## APPS FOR IOS AND ANDROID

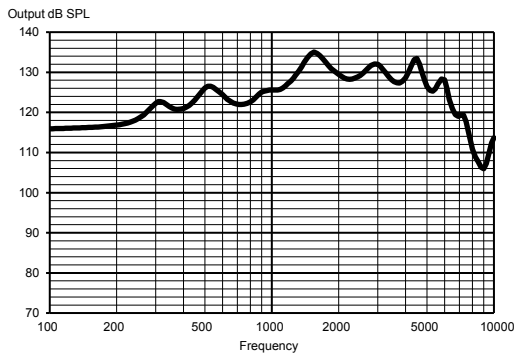
|              |   |   |   |   |
|--------------|---|---|---|---|
| TONELINK App | • | • | • | • |
| COM-DEX App  | • | • | • | • |

## FEATURES

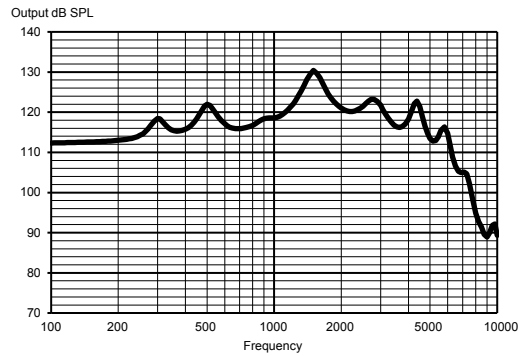
|                                      |         |        |   |   |
|--------------------------------------|---------|--------|---|---|
| Adaptation manager                   | •       | •      | • | • |
| Fluid Sound Analyser (sound classes) | 11 (IE) | 7 (IE) | 4 | 3 |
| Programs                             | 5       | 4      | 3 | 3 |
| Smartwind Manager                    | •       |        |   |   |
| High-frequency boost                 | •       |        |   |   |
| Speech Enhancer RT                   | RT/IE   | IE     |   |   |
| Digital Pinna                        | •       | •      |   |   |
| HD Locator                           | •       | •      | • |   |
| TruSound Softener                    | •       | •      | • |   |
| SoundSense Adapt                     | •       | •      | • |   |
| Preference Control                   | •       | •      | • | • |
| Programmable Push Button**           | •       | •      | • | • |
| Soft-level noise reduction           | •       | •      | • | • |
| Noise Reduction                      | •       | •      | • | • |
| ZEN IE                               | •       | •      | • | • |
| Audibility Extender                  | •       | •      | • | • |

\*Also includes DEX assistive listening devices: TV-DEX, COM-DEX, RC-DEX, FM+ DEX \*\*Programmable Preference Control, program shift or a combination of the two.

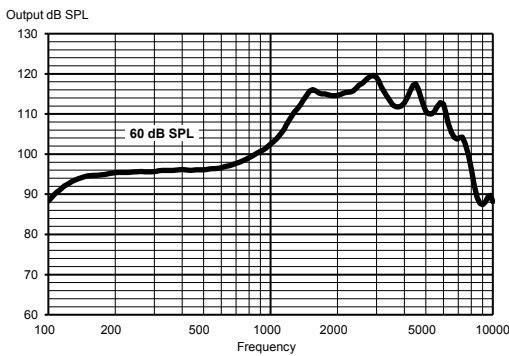
## MAXIMUM OUTPUT - EAR SIMULATOR



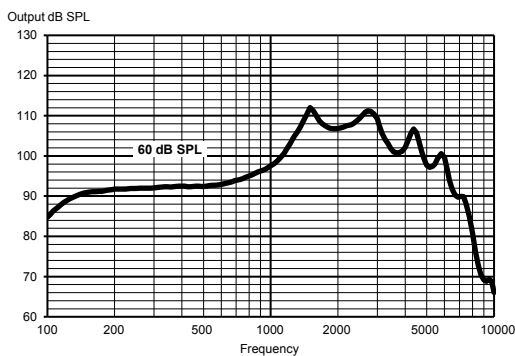
## MAXIMUM OUTPUT - 2CC COUPLER



## OUTPUT - EAR SIMULATOR



## OUTPUT - 2CC COUPLER



### Technical data:

Typical data obtained through standard pure tone measurements. Hearing aid set to Compass Reference Test Gain, unless stated otherwise. Measured using a BTE coupler and a standard hook. For further information, please contact Widex at [global.widex.com](http://global.widex.com).

|   |                             | EAR SIMULATOR<br>IEC 60118-0:1983 + A1:1994 | 2CC COUPLER<br>IEC 60118-0:2015, ANSI S3.22-2014 |
|---|-----------------------------|---|--|
| OSPL90  | 1600 Hz<br>Peak<br>Average  | 135 dB SPL<br>135 dB SPL<br>127 dB SPL      | 129 dB SPL<br>130 dB SPL<br>123 dB SPL           |
| Acoustic output<br>(Input 60 dB SPL)                        | 1600 Hz<br>Peak<br>Average  | 116 dB SPL<br>120 dB SPL<br>104 dB SPL      | 110 dB SPL<br>112 dB SPL<br>106 dB SPL           |
| Full-on gain<br>(Input 50 dB SPL, Compass Full-on gain)     | 1600 Hz<br>Peak<br>Average  | 63 dB<br>64 dB<br>58 dB                     | 56 dB<br>59 dB<br>54 dB                          |
| Acoustic frequency range                                    |                             | 100 Hz - 8450 Hz                            | 100 Hz - 7750 Hz                                 |
| Harmonic distortion (typical)                               | 500 Hz<br>800 Hz<br>1600 Hz | <3%<br><2%<br><2%                           | <3%<br><2%<br><2%                                |
| Equivalent input noise                                      |                             | 18 dB SPL                                   | 19 dB SPL  |
| Battery drain (standby)                                     |                             | 1.06 mA                                     | 1.06 mA  |
| Battery drain*  |                             | 1.11 mA                                     | 1.20 mA  |
| Battery life (Type 312 Zn-Air, 170 mAh)*                    |                             | 155 h                                       | 140 h  |
| Mobile phone immunity (IEC 60118-13:2016, ANSI C63.19:2011) |                             | IRIL: -35/-31/-9 dB SPL                     | U-rating: M4                                     |

\*Battery life in real-life situations depends among other things on the hearing aid features used, streaming time, and the quality of the battery used.

Do not modify this equipment without authorization of the manufacturer. Spare parts and instructions for correct repair can be acquired from Widex.