

## WIDEX MAGNIFY™ RIC 312 D WITH S-RECEIVER

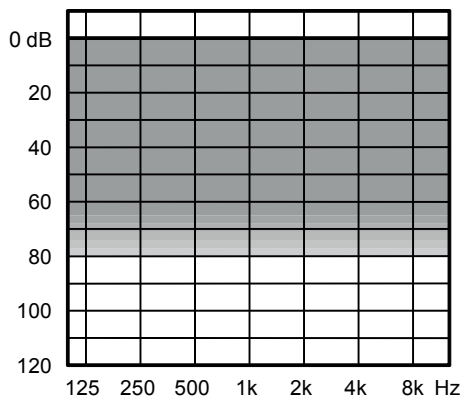


The WIDEX RIC 312 D is part of the WIDEX MAGNIFY™ family. Built around the WIDEX MAGNIFY™ platform to deliver better sound via TruAcoustics™ and all on a brand-new chip with greater connectivity.

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

- Direct wireless mobile connectivity (2.4 GHz)
- Compatible with the DEX assistive listening devices
- 4 performance levels: 440/330/220/110
- Uses an S-receiver
- Uses a size 312 battery
- Compatible with TV PLAY
- Protection class IP68
- Minimal to severe hearing loss

### 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

|  |   |   |   |   |
|--|---|---|---|---|
| 2.4 GHz control (Android and iOS)              | • | • | • | • |
| 2.4 GHz audio streaming (iOS)*                 | • | • | • | • |
| WidexLink to DEX assistive listening devices** | • | • | • | • |
| Telecoil                                       | • | • | • | • |

### APPS FOR iOS AND ANDROID

|                                   |   |   |   |   |
|-----------------------------------|---|---|---|---|
| MAGNIFY App with SoundSense Learn | • | • | • |   |
| MAGNIFY App                       | • | • | • | • |
| TONELINK App                      | • | • | • | • |
| COM-DEX App                       | • | • | • | • |

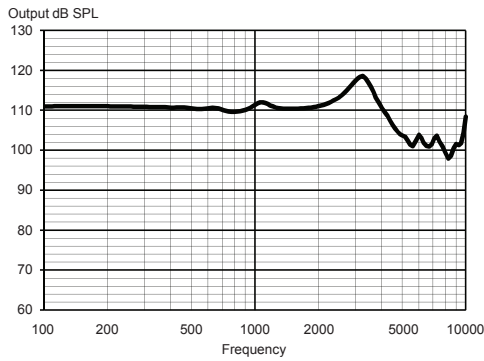
### FEATURES

|                                      |         |        |   |   |
|--------------------------------------|---------|--------|---|---|
| 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                  | •       | •      | • | • |

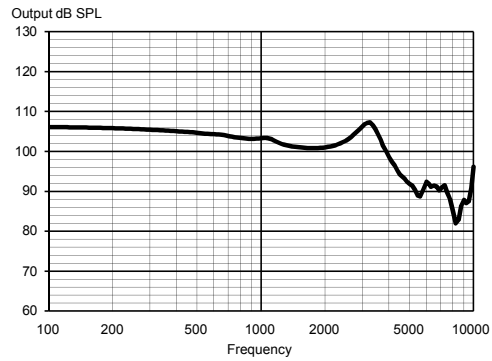
\*Ready for direct Android streaming. \*\*Also includes DEX assistive listening devices: TV-DEX, COM-DEX, RC-DEX, FM+ DEX, TV-PLAY. \*\*\*Programmable: As a program button and an on/off switch, As a sound adjustment button and an on/off switch, As a dedicated on/off switch.

For information regarding which devices WIDEX MAGNIFY, direct streaming, is compatible with, please go to: [global.widex.com/compatibility](http://global.widex.com/compatibility)

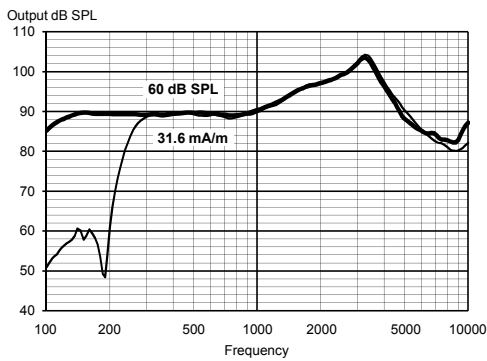
## MAXIMUM OUTPUT - EAR SIMULATOR



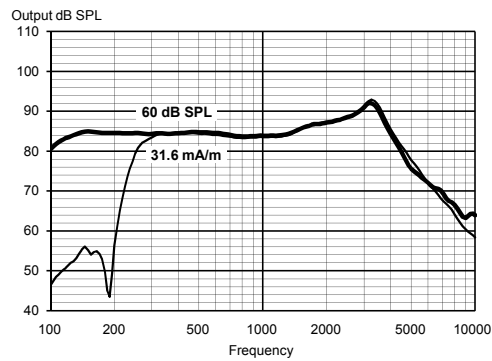
## MAXIMUM OUTPUT - 2CC COUPLER



## 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 standard ITE coupler without wax guard. 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 | 110 dB SPL                                  | 101 dB SPL  |
|   | Peak    | 118 dB SPL                                  | 107 dB SPL  |
|   | Average | 111 dB SPL                                  | 103 dB SPL  |
| Acoustic output<br>(Input 60 dB SPL)                        | 1600 Hz | 95 dB SPL                                   | 86 dB SPL   |
|   | Peak    | 103 dB SPL                                  | 92 dB SPL   |
|   | Average | 92 dB SPL                                   | 86 dB SPL   |
| Full-on gain<br>(Input 50 dB SPL, Compass Full-on gain)     | 1600 Hz | 58 dB                                       | 49 dB   |
|   | Peak    | 62 dB                                       | 52 dB   |
|   | Average | 57 dB                                       | 50 dB   |
| Telecoil output<br>(Input 31.6 mA/m)                        | 1600 Hz | 95 dB SPL                                   | 86 dB SPL   |
|   | Peak    | 103 dB SPL                                  | 92 dB SPL   |
|   | Average | 92 dB SPL                                   | 86 dB SPL   |
| Acoustic frequency range                                    |         | 100 Hz - 10000 Hz                           | 100 Hz - 8450 Hz                                  |
| Harmonic distortion (typical)                               | 500 Hz  | <2%   | <2%   |
|   | 800 Hz  | <2%   | <2%   |
|   | 1600 Hz | <2%   | <2%   |
| Equivalent input noise                                      |         | 23 dB SPL                                   | 23 dB SPL   |
| Battery drain (standby)                                     |         | 1.00 mA                                     | 1.00 mA   |
| Battery drain*  |         | 1.02 mA                                     | 1.04 mA   |
| Battery life / hours (Type 312 Zn-Air, 170 mAh)*            |         | 165 h                                       | 165 h   |
| Mobile phone immunity (IEC 60118-13:2016, ANSI C63.19:2011) |         | IRIL: -25/-21/-14 dB SPL                    | U-rating: M4/T4                                   |

\*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.