

# be by ReSound



## be 9 by ReSound and be 7 by ReSound Product information

### Product description

be by ReSound is a truly revolutionary new hearing instrument – the first in its category of Invisible Open Technology (IOT) hearing aids.

It has a revolutionary new design that offers a lot of benefits, but most important is that it not only is the most invisible hearing aid ever – it is also designed to look more like a gadget you can be proud of.

be by ReSound is designed for you to wear and forget – it is extremely easy to use. All you need to do is put it in, in the morning and take it out in the evening, and enjoy the improved hearing experience the entire day. Even though it is by far the smallest hearing aid ever, it is also equipped with the industry leading “Sound by ReSound” to offer a superior sound experience for you.

The unique design also allows you to, for the first time, experience a hearing aid absolutely without any wind noise and optimal hearing experience in all conditions. In addition be by ReSound lets you experience an open hearing aid and not least a hearing aid that is so comfortable that you can and want to wear it the entire day.

It has all the best of the ReSound features and it is available in two price points – giving most the chance to experience this truly unique device.

### Key features

|                            | be 9 by ReSound | be 7 by ReSound |
|----------------------------|-----------------|-----------------|
| WARP-17                    | ●               | ●               |
| Gain handles in Aventa     | 9               | 7               |
| Enhanced Stabilizer II DFS | ●               | ●               |
| Environmental Classifier   | ●               |                 |
| Environmental FineTuner    | ●               |                 |
| NoiseTracker II            | ●               | ⊙               |
| Acceptance Manager         | ●               |                 |
| Datalogging                | ●               | ⊙               |

### Additional features

- Coyote 3.1 for extended battery life time
- Low-level expansion
- Low battery warning indicator

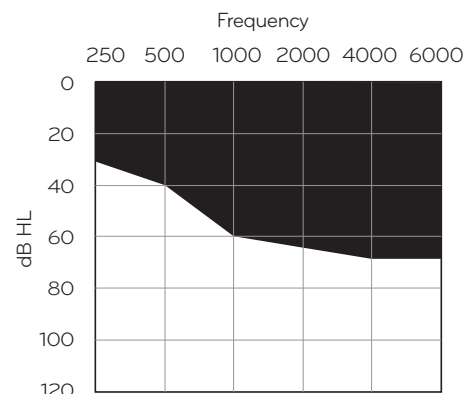
### Standard configuration

- Size 10A battery
- Battery door with integrated on/off switch
- Different colour combinations for housing and battery door
- Smart Start power-up timer
- Mic tubes in in 5 different lengths for optimal fit
- Easily exchangeable microphone and wax filters
- New designed wax filter for extra protection

### Fitting requirements

- Aventa fitting software
- be by ReSound programming pill
- CS44 Flex Strip programming cable
- HI-PRO, NOAHlink or Speedlink interface

### Fitting range



# be 9 and be 7 by ReSound Technical Specifications

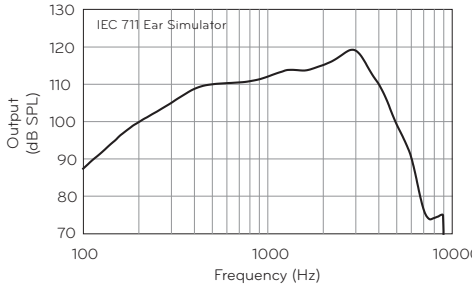
IEC 60118-0      IEC 60118-7  
IEC 711  
Ear Simulator      2cc Coupler

|  |               |             |             |
|--|---------------|-------------|-------------|
| Reference Test Gain (60 dB SPL Input)        | 1600 Hz / HFA | 30 dB       | 29 dB       |
| Full-On Gain (50 dB SPL Input)               | Max           | 45 dB       | 34 dB       |
|  | 1600 Hz / HFA | 40 dB       | 32 dB       |
| Maximum Output (90 dB SPL Input)             | Max           | 119 dB SPL  | 109 dB SPL  |
|  | 1600 Hz / HFA | 114 dB SPL  | 106 dB SPL  |
| Total Harmonic Distortion                    | 800 Hz        | 1.5 %       | 0.9 %       |
|  | 1600 Hz       | 1.8 %       | 1.3 %       |
| Equivalent Input Noise, w/o Noise reduction  |               | 26 dB SPL   | 24 dB SPL   |
| Frequency Range (DIN 45605)                  |               | 300-5330 Hz | 140-5270 Hz |
| Current Drain                                |               | 0.83 mA     | 0.9 mA      |
| Typical Battery Life Time (Battery type 10A) |               | 108 hrs     | 100 hrs     |

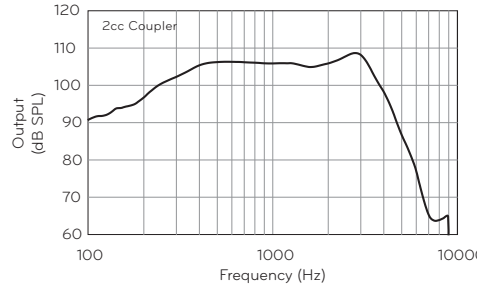
Data in accordance with IEC 60118-0, IEC 60118-7, Supply Voltage 1.3 V.

Patents pending.

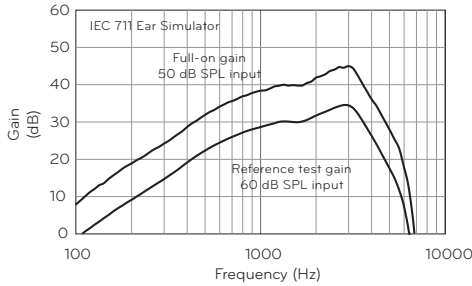
**Maximum Output (OSPL 90)**



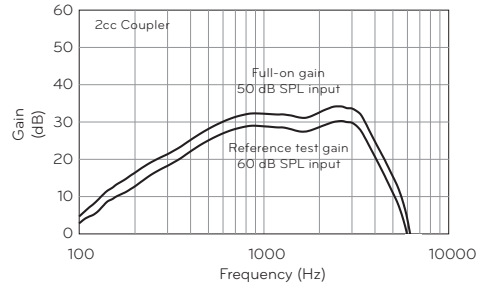
**Maximum Output (OSPL 90)**



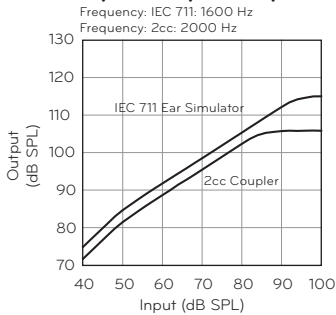
**Full-On and Reference Test Gain**



**Full-On and Reference Test Gain**



**Input/Output Response**



**Full/On Gain Parameter Settings\***

|       | 250 Hz | 500 Hz | 750 Hz | 1 kHz | 1.5 kHz | 2 kHz | 3 kHz | 4 kHz | 6 kHz |
|-------|--------|--------|--------|-------|---------|-------|-------|-------|-------|
| G[80] | 25     | 25     | 25     | 23    | 33      | 31    | 29    | 25    | 13    |
| G[50] | 35     | 35     | 35     | 33    | 43      | 41    | 39    | 35    | 23    |

**Reference Test Gain Parameter Settings for 118-0\***

|       | 250 Hz | 500 Hz | 750 Hz | 1 kHz | 1.5 kHz | 2 kHz | 3 kHz | 4 kHz | 6 kHz |
|-------|--------|--------|--------|-------|---------|-------|-------|-------|-------|
| G[80] | 18     | 18     | 18     | 16    | 26      | 24    | 22    | 18    | 6     |
| G[50] | 28     | 28     | 28     | 26    | 36      | 34    | 32    | 28    | 16    |

**Reference Test Gain Parameter Settings for 118-7\***

|       | 250 Hz | 500 Hz | 750 Hz | 1 kHz | 1.5 kHz | 2 kHz | 3 kHz | 4 kHz | 6 kHz |
|-------|--------|--------|--------|-------|---------|-------|-------|-------|-------|
| G[80] | 24     | 24     | 24     | 22    | 32      | 30    | 28    | 24    | 12    |
| G[50] | 34     | 34     | 34     | 32    | 42      | 40    | 38    | 34    | 22    |

\*Settings in accordance with Aventa fitting software

All specifications are subject to change without notice.

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**ReSound**

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