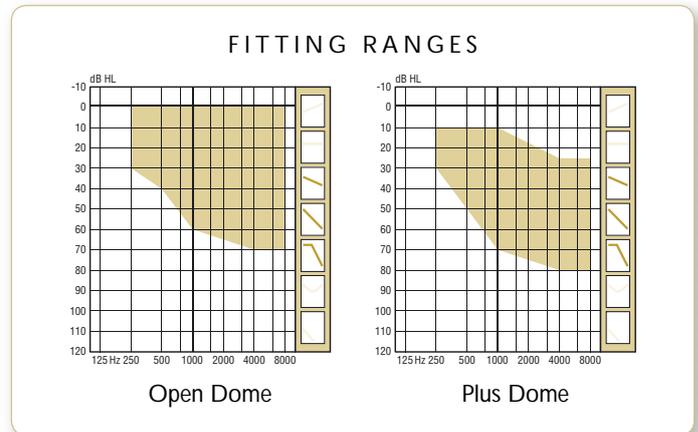


Delta 8000 is a RITE, which is a hybrid device where the speaker is placed directly in the ear canal and the amplifier is placed behind the ear. It is designed to enhance clarity for users with a mild or high-frequency hearing loss. Delta 8000 makes use of superior high frequency performance and advanced adaptive directionality, enabled by Artificial Intelligence, to deliver improved speech understanding in all situations.*

**) Receiver In The Ear*



The device consists of four principal elements:

- Amplifier unit. Integrating two state-of-the-art microphones and an advanced amplifier.
- Speaker unit. The speaker is connected to the amplifier via a thin wire.
- Dome. The dome positions the speaker in the ear canal while keeping the ear comfortably open.
- Ear grip. The Ear grip follows the contour of the ear to ensure a secure and comfortable grip.



Features

- Frequency Range: up to 8000 Hz
- Automatic Multiband Adaptive Directionality
- Memory functionality
- TriState Noise Management
- Automatic and Manual Adaptation Manager
- 6 channels with Open Dome
- 7 channels with Plus Dome

Audiological concept - Clarity

The amplification strategy in Delta is designed to boost clarity and thereby enhance speech understanding, especially in noisy surroundings through the use of advanced, automatic, multiband directionality. In quiet surroundings, the aim is to avoid unnecessary amplification to preserve transparency.

Amplification details

- Overall amplification: 1/3 gain rule
- Compression kneipoint: 50 dB
- No amplification for very loud sounds

Concept details

- Amplifier available in 17 different shell colours which can be replaced by the Hearing Care Professional or Oticon:
 - Champagne Beige
 - Chocolate Brown
 - Hightech Silver
 - Charcoal Grey
 - Mother of Pearl
 - Diamond Black
 - Cabernet Red
 - Racing green
 - Deep Purple
 - Shy Violet
 - Samoa Blue
 - Midnight Blue
 - Sunset Orange
 - Green Chameleon
 - Check
 - Wall Street
 - Wildlife

3 different back colours:

- Beige
- Light Grey
- Dark Grey

Technical data

All measurements are made in a closed system and with all 7 channels enabled (A0 setting in Genie).

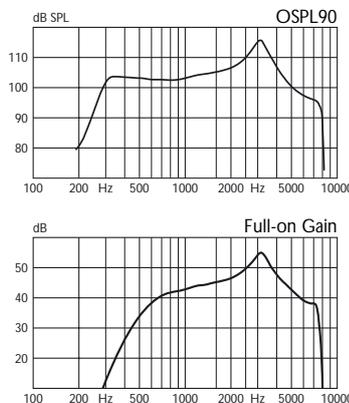
- Speaker unit available in one colour (light grey). Left and right versions (with red/blue marker rings).
3 different lengths:
 - Short (no 1)
 - Medium (no 2)
 - Long (no 3)
- Two dome versions:
 - Open Dome. Available in three sizes: 6 mm, 8 mm, 10 mm
 - Plus Dome (one size)
- Ear grip can be replaced by user or Hearing Care Professional. One version fits left and right ear

- Wind filter and battery door can be replaced by Hearing Care Professional
- Wax protection can be replaced by user when necessary
- Battery size 10



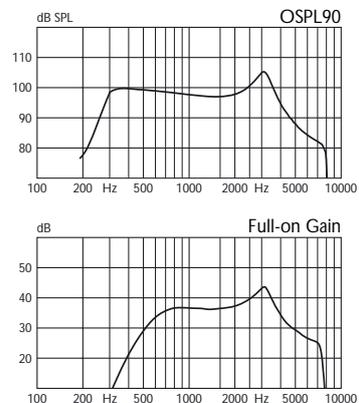
EAR SIMULATOR

Measured according to IEC 60118-0 and 60711



2CC COUPLER

Measured according to ANSI S3.22 and S3.7



OSPL90 - Peak / 1600 Hz

116 / 105 dB SPL

105 / 97 dB SPL

Full-on gain - Peak / 1600 Hz

55 / 45 dB

44 / 37 dB

Frequency range

450 - 7800 Hz

370 - 7600 Hz

Total harmonic distortion - 800 / 1600 Hz

0.5 / 0.5 %

0.5 / 0.5 %

Equivalent input noise level

19 dB SPL

17 dB SPL

Battery consumption

1.2 mA

1.2 mA

Typical battery life

70 hours

EMC immunity - GSM / DECT (OMNI)

-36 / -35 IRIL, dB SPL

- Programmable via the Oticon Genie software. Use a standard cable #3 and FlexConnect cable.