



Step up with pep

What is pep?

It's that energetic feeling you get when life is great and you are ready to take on the world. And it's the feeling your patients get when taking the first step to better hearing with Pep from Sonic.

Pep is for patients who are looking for the latest technology at an affordable price. Pep is modern and stylish, yet discreet, easy to operate, and easy to fit. Benefits include improved speech clarity and listening comfort for the sounds of everyday life.



Pep is ideal for the first-time user and for patients with basic hearing needs. All the essential features designed to improve listening comfort and to improve overall hearing ability are included, along with standard features for patient convenience.

Speech Variable Processing

preserves the nuances of speech – the soft and the loud sounds that occur in every word. Pep acts like a supercomputer to process all the sounds, not just the loudest ones.

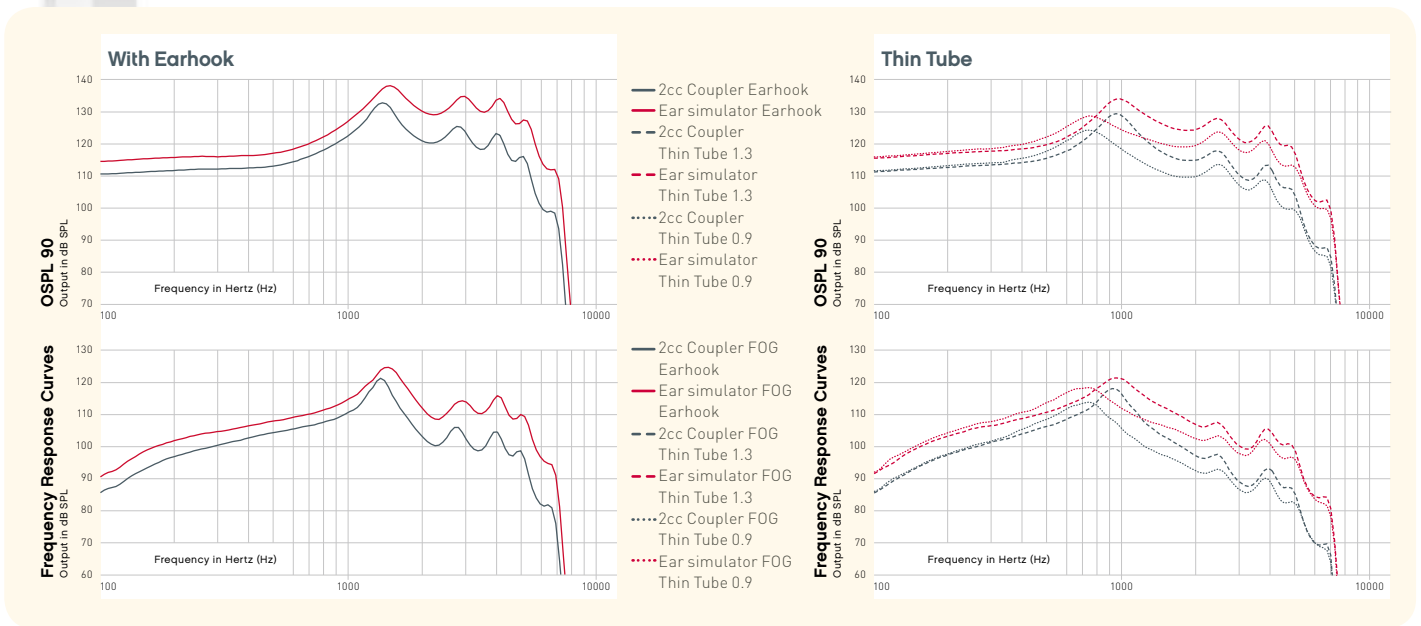
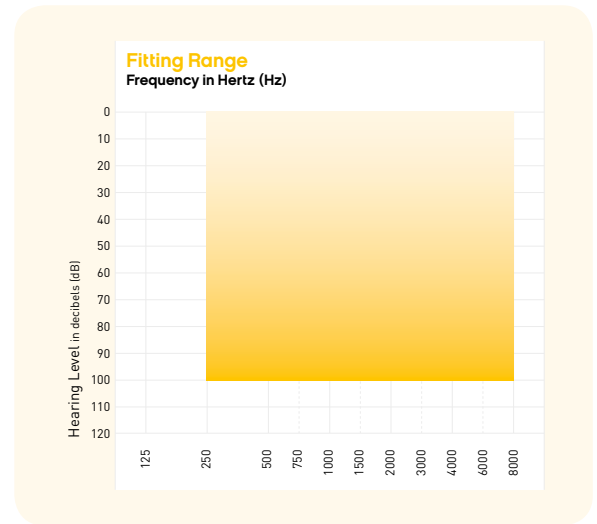
Pep integrates several **Noise Management Systems:**

- **Adaptive Noise Reduction** removes unwanted noise when speech is not present, providing instant relief.
- **Soft Noise Reduction** reduces low-level sounds like the whir of a fan or hum of a refrigerator.

With the **Adaptive Feedback Cancellor**, feedback is stopped before it becomes a problem.

Fixed Directionality assists the client in a static environment – like a conversation at a restaurant table.

Pep²⁰ Power BTE



| | | BTEP with Earhook | | BTEP with Thin Tube 1.3 | | BTEP with Thin Tube 0.9 | |
|--------------------------------------|--------|-------------------|---------------|-------------------------|---------------|-------------------------|---------------|
| | | 2cc Coupler | Ear simulator | 2cc Coupler | Ear simulator | 2cc Coupler | Ear simulator |
| OSPL 90, peak | dB SPL | 133* | 138* | 129 | 134* | 124 | 128 |
| OSPL 90, 1600 Hz | dB SPL | 127 | 136 | 116 | 125 | 110 | 119 |
| HFA OSPL 90 | dB SPL | 124 | - | 120 | - | 114 | - |
| Full-on gain, peak | dB | 71 | 75 | 68 | 71 | 64 | 68 |
| Full-on gain, 1600 Hz | dB | 63 | 72 | 52 | 61 | 46 | 56 |
| HFA full-on gain | dB | 59 | - | 55 | - | 48 | - |
| Reference test gain | dB | 47 | 60 | 43 | 49 | 36 | 44 |
| Quiescent current | mA | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Operating current | mA | 1.3 | 1.1 | 1.3 | 1.1 | 1.3 | 1.1 |
| Battery size | | 13 | 13 | 13 | 13 | 13 | 13 |
| Distortion 500/800/1600 Hz | % | <2/<2/<1 | <3/<2/<1 | <1/<1/<1 | <1/<1/<1 | <1/<1/<1 | <1/<1/<1 |
| Frequency range | Hz | 100-5500 | - | 100-5100 | - | 100-5300 | - |
| Equivalent input noise ¹¹ | dB SPL | 16 | 10 | 17 | 18 | 23 | 21 |
| Telecoil 1 mA/m 1600 Hz, IEC | dB SPL | 93 | 102 | 81 | 90 | 76 | 85 |
| Telecoil HFA SPLITS, ANSI | dB SPL | 100 | - | 101 | - | 94 | - |

¹¹ Technical data measured with expansion, corresponding to the test box measurement settings.

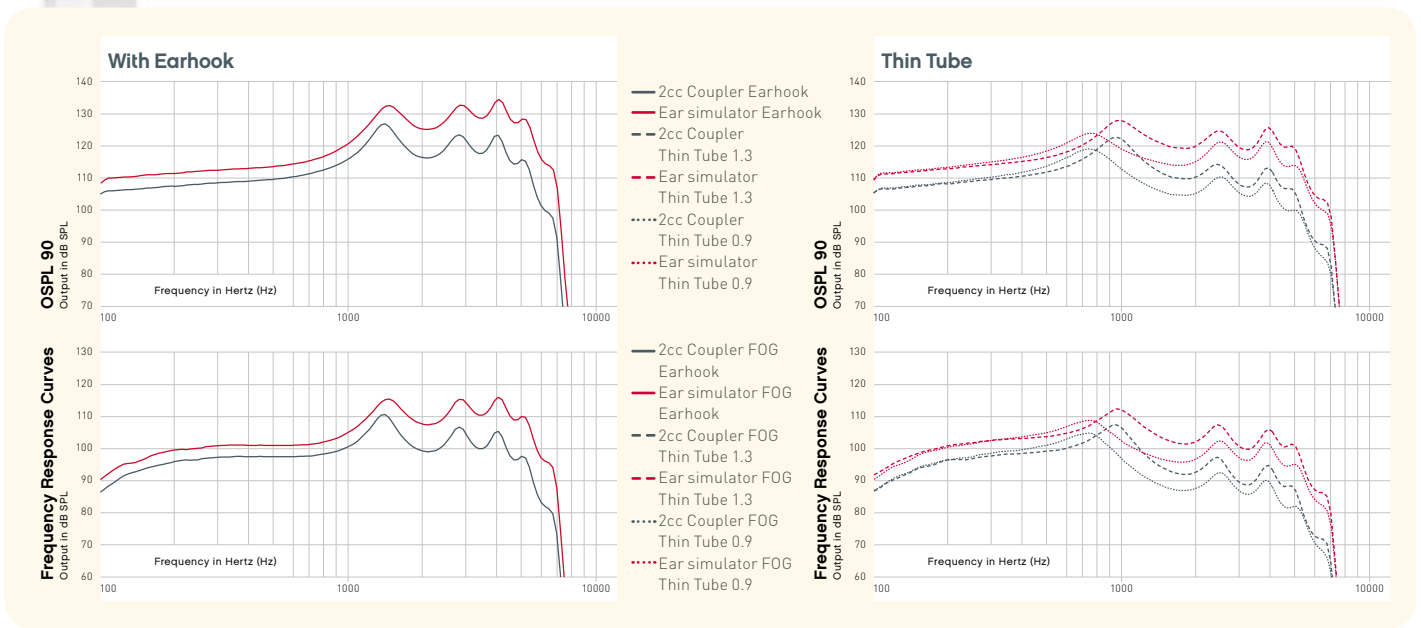
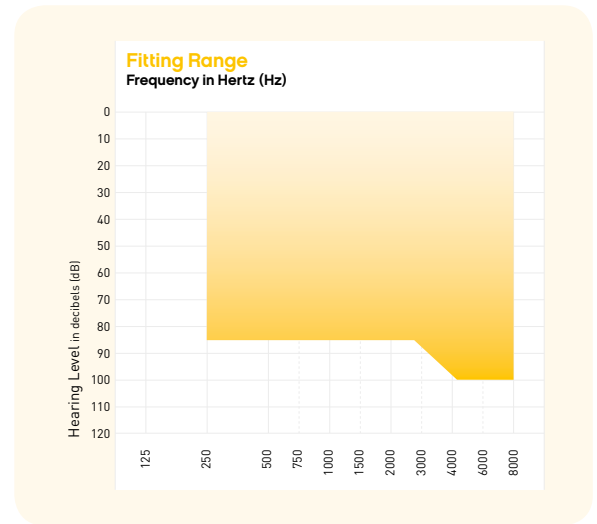
«ANSI» refers to the standard ANSI S3.22. «2cc» refers to a coupler according to IEC 60318-5.

«Ear simulator» refers to a coupler according to IEC 60318-4. Applied versions: IEC 60118-7:2005, IEC 60118-0:1994 and ANSI S3.22:2003.

* Special care should be taken when fitting and using a hearing instrument with maximum sound pressure capability in excess of 132 dB SPL since there may be a risk of impairing the remaining hearing of the hearing instrument user.



Pep²⁰ BTE

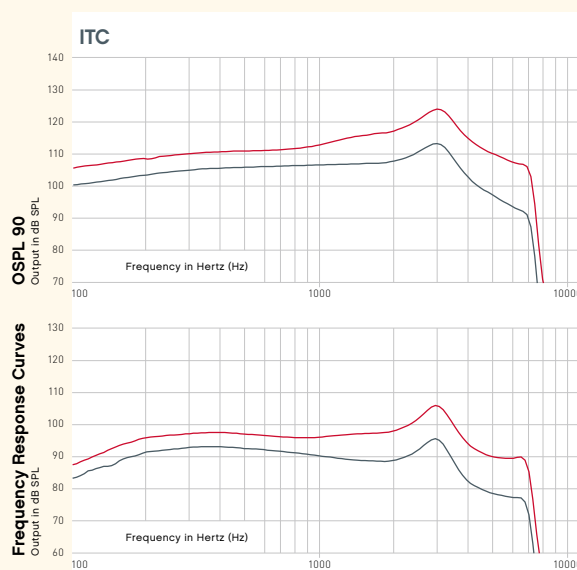
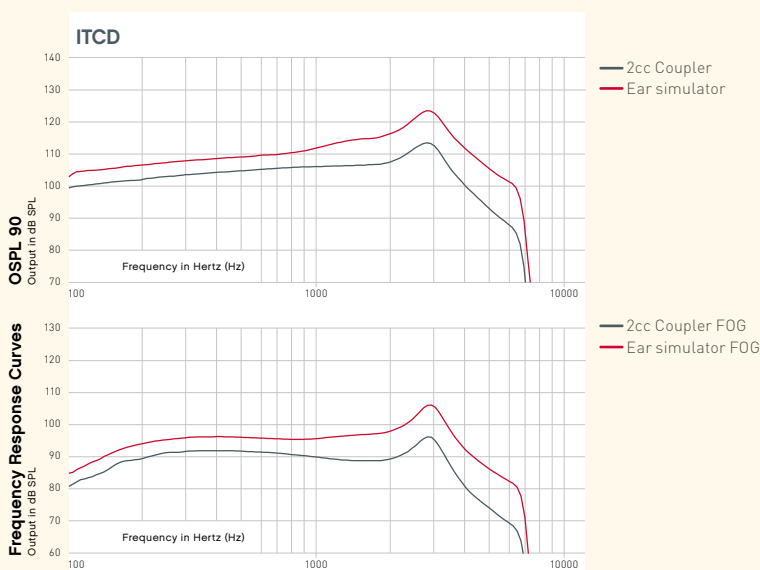
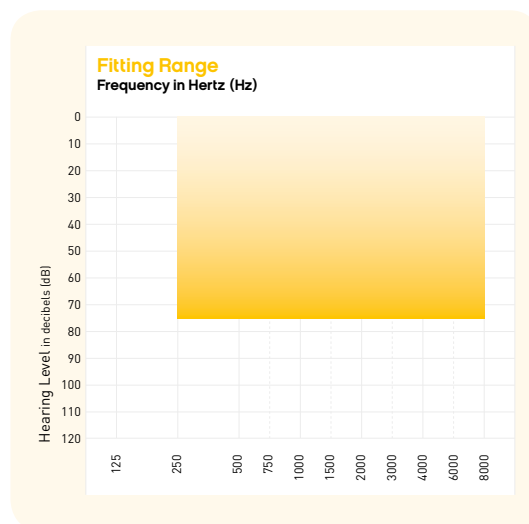


| | | BTE with Earhook | | BTE with Thin Tube 1.3 | | BTE with Thin Tube 0.9 | |
|--------------------------------------|--------|------------------|---------------|------------------------|---------------|------------------------|---------------|
| | | 2cc Coupler | Ear simulator | 2cc Coupler | Ear simulator | 2cc Coupler | Ear simulator |
| OSPL 90, peak | dB SPL | 127 | 134* | 123 | 128 | 119 | 124 |
| OSPL 90, 1600 Hz | dB SPL | 122 | 130 | 110 | 120 | 105 | 114 |
| HFA OSPL 90 | dB SPL | 119 | - | 115 | - | 109 | - |
| Full-on gain, peak | dB | 61 | 66 | 57 | 62 | 55 | 59 |
| Full-on gain, 1600 Hz | dB | 55 | 63 | 43 | 52 | 37 | 46 |
| HFA full-on gain | dB | 53 | - | 48 | - | 42 | - |
| Reference test gain | dB | 41 | 55 | 37 | 44 | 31 | 38 |
| Quiescent current | mA | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Operating current | mA | 1.3 | 1.2 | 1.3 | 1.2 | 1.3 | 1.2 |
| Battery size | | 13 | 13 | 13 | 13 | 13 | 13 |
| Distortion 500/800/1600 Hz | % | <1/<1/<1 | <2/<1/<1 | <1/<1/<1 | <1/<1/<1 | <1/<1/<1 | <1/<1/<1 |
| Frequency range | Hz | 100-6100 | - | 100-5400 | - | 100-5800 | - |
| Equivalent input noise ¹¹ | dB SPL | 19 | 18 | 17 | 22 | 22 | 25 |
| Telecoil 1 mA/m 1600 Hz, IEC | dB SPL | 81 | 90 | 70 | 79 | 65 | 74 |
| Telecoil HFA SPLITS, ANSI | dB SPL | 95 | - | 92 | - | 87 | - |

¹¹ Technical data measured with expansion, corresponding to the test box measurement settings.

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* Special care should be taken when fitting and using a hearing instrument with maximum sound pressure capability in excess of 132 dB SPL since there may be a risk of impairing the remaining hearing of the hearing instrument user.



| | | ITCD | | ITC | |
|--------------------------------------|--------|-------------|---------------|-------------|---------------|
| | | 2cc Coupler | Ear simulator | 2cc Coupler | Ear simulator |
| OSPL 90, peak | dB SPL | 113 | 123 | 113 | 124 |
| OSPL 90, 1600 Hz | dB SPL | 107 | 115 | 107 | 116 |
| HFA OSPL 90 | dB SPL | 108 | - | 108 | - |
| Full-on gain, peak | dB | 46 | 56 | 46 | 56 |
| Full-on gain, 1600 Hz | dB | 39 | 47 | 39 | 47 |
| HFA full-on gain | dB | 41 | - | 40 | - |
| Reference test gain | dB | 31 | 39 | 32 | 39 |
| Quiescent current | mA | 1.2 | 1.2 | 0.8 | 0.8 |
| Operating current | mA | 1.3 | 1.2 | 0.9 | 0.8 |
| Battery size | | 312 | 312 | 312 | 312 |
| Distortion 500/800/1600 Hz | % | <1/<1/<1 | <1/<1/<1 | <1/<1/<1 | <1/<1/<1 |
| Frequency range | Hz | 100-5600 | - | 100-7300 | - |
| Equivalent input noise ¹¹ | dB SPL | 18 | 20 | 20 | 22 |
| Telecoil 1 mA/m 1600 Hz, IEC | dB SPL | 68 | 76 | 66 | 74 |
| Telecoil HFA SPLITS, ANSI | dB SPL | 85 | - | 84 | - |

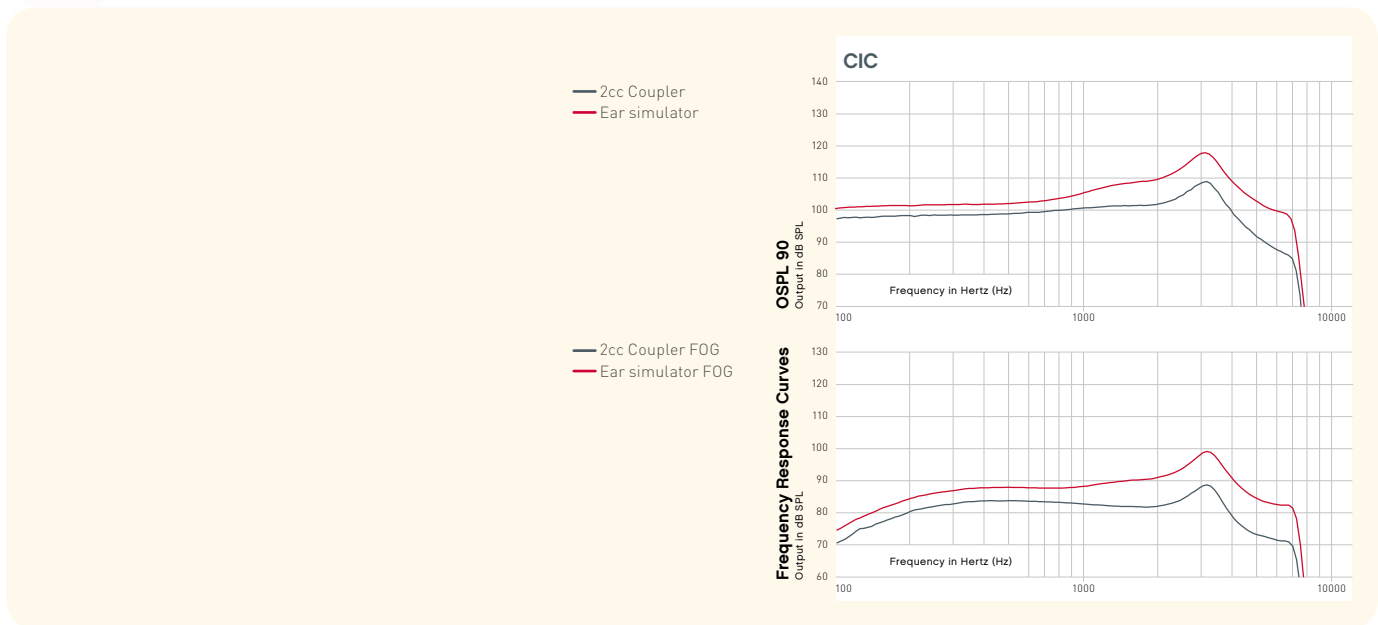
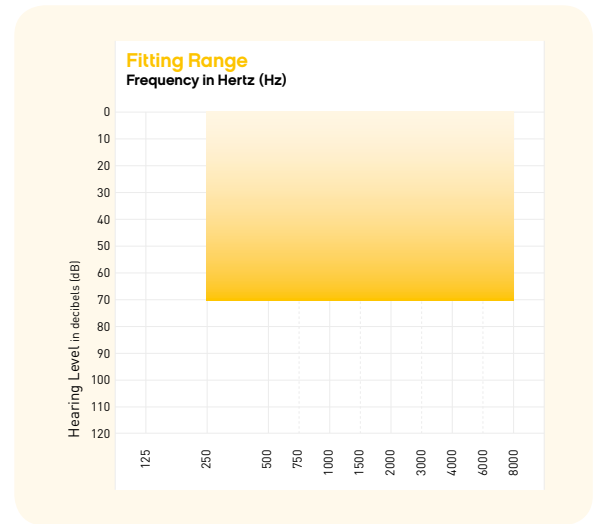
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Pep²⁰
CIC



CIC

| | | 2cc Coupler | Ear simulator |
|--------------------------------------|--------|--------------------|----------------------|
| OSPL 90, peak | dB SPL | 109 | 118 |
| OSPL 90, 1600 Hz | dB SPL | 101 | 109 |
| HFA OSPL 90 | dB SPL | 102 | - |
| Full-on gain, peak | dB | 39 | 49 |
| Full-on gain, 1600 Hz | dB | 32 | 40 |
| HFA full-on gain | dB | 33 | - |
| Reference test gain | dB | 26 | 33 |
| Quiescent current | mA | 0.8 | 0.8 |
| Operating current | mA | 0.9 | 0.8 |
| Battery size | | 10 | 10 |
| Distortion 500/800/1600 Hz | % | <1/<1/<1 | <1/<1/<1 |
| Frequency range | Hz | 100-7300 | - |
| Equivalent input noise ¹⁾ | dB SPL | 22 | 23 |
| Telecoil 1 mA/m 1600 Hz, IEC | dB SPL | - | - |
| Telecoil HFA SPLITS, ANSI | dB SPL | - | - |

¹⁾ Technical data measured with expansion, corresponding to the test box measurement settings.

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«Ear simulator» refers to a coupler according to IEC 60318-4. Applied versions: IEC 60118-7:2005, IEC 60118-0:1994 and ANSI S3.22:2003.

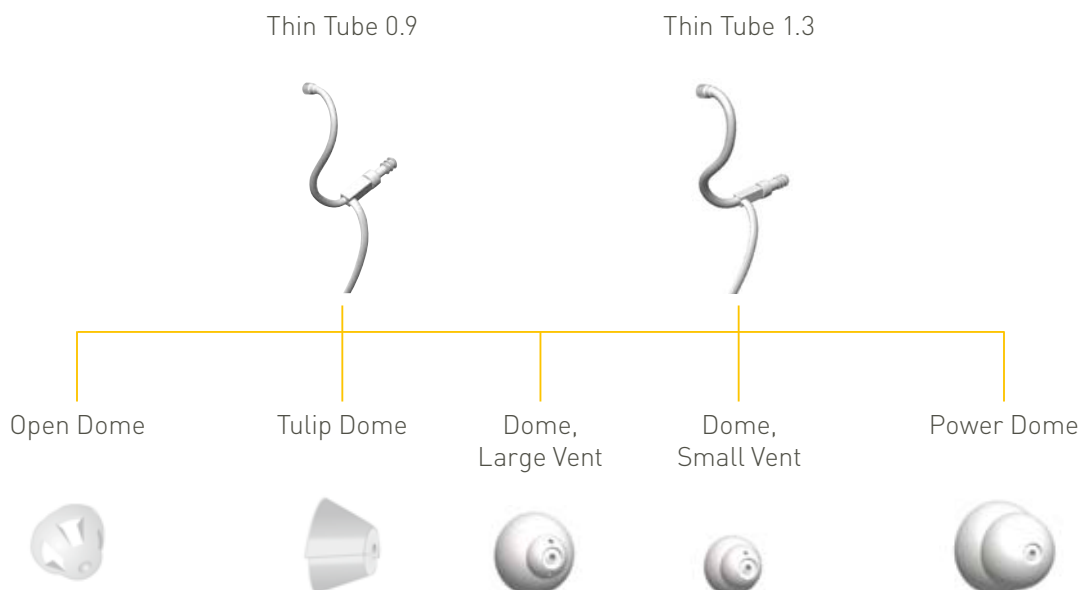
Feature Overview

| pep ²⁰ | Power BTE | BTE | ITCD | ITC | CIC |
|-----------------------------|--|------|------|-----|-----|
| Sound Quality | | | | | |
| Signal Processing | ◀..... Speech Variable Processing▶ | | | | |
| Frequency Bandwidth | ◀..... 8 kHz▶ | | | | |
| Noise Management | | | | | |
| Adaptive Noise Reduction | ■ | ■ | ■ | ■ | ■ |
| Soft Noise Reduction | ■ | ■ | ■ | ■ | ■ |
| Adaptive Feedback Canceller | ■ | ■ | ■ | ■ | ■ |
| Directionality | | | | | |
| Dual Omni | ■ | | | | |
| Fixed Omni | | ■ | ■ | ■ | ■ |
| Fixed Directional | | ■ | ■ | | |
| Programming Options | | | | | |
| Universal Program | ■ | ■ | ■ | ■ | ■ |
| Program Memories | 3 | 3 | 3 | 3 | 1 |
| Program Options | 3+1* | 3+1* | 3 | 3 | 3 |
| Hardware | | | | | |
| Program Button | ■ | ■ | ● | ● | |
| Volume Control | ■ | ■ | ● | ● | |
| DAI/FM | ● | ● | | | |
| Telecoil | ■ | ■ | ● | ● | |
| Battery Size | 13 | 13 | 312 | 312 | 10 |
| Earhook | ■ | ■ | | | |
| Thin Tube | ● | ● | | | |

■ STANDARD
● OPTIONAL

*compatible with DAI/FM adapter

Acoustic Options





Ordering Information

| Product | Quantity | Part Number |
|-----------------------------------|----------|---------------|
| Earhook | | |
| Earhook, damped | 10 | 571-01-130-00 |
| Thin Tubes Adapter | | |
| Thin Tube Adapter, Spira Flex #3 | 10 | 589-25-160-00 |
| Thin Tubes 0.9 mm | | |
| Thin Tube, 0.9 mm, OR, Spira Flex | 5 | 589-25-060-00 |
| Thin Tube, 0.9 mm, 1R, Spira Flex | 5 | 589-25-061-00 |
| Thin Tube, 0.9 mm, 2R, Spira Flex | 5 | 589-25-062-00 |
| Thin Tube, 0.9 mm, 3R, Spira Flex | 5 | 589-25-063-00 |
| Thin Tube, 0.9 mm, OL, Spira Flex | 5 | 589-25-070-00 |
| Thin Tube, 0.9 mm, 1L, Spira Flex | 5 | 589-25-071-00 |
| Thin Tube, 0.9 mm, 2L, Spira Flex | 5 | 589-25-072-00 |
| Thin Tube, 0.9 mm, 3L, Spira Flex | 5 | 589-25-073-00 |
| Thin Tubes 1.3 mm | | |
| Thin Tube, 1.3 mm, OR, Spira Flex | 5 | 589-25-080-00 |
| Thin Tube, 1.3 mm, 1R, Spira Flex | 5 | 589-25-081-00 |
| Thin Tube, 1.3 mm, 2R, Spira Flex | 5 | 589-25-082-00 |
| Thin Tube, 1.3 mm, 3R, Spira Flex | 5 | 589-25-083-00 |
| Thin Tube, 1.3 mm, OL, Spira Flex | 5 | 589-25-090-00 |
| Thin Tube, 1.3 mm, 1L, Spira Flex | 5 | 589-25-091-00 |
| Thin Tube, 1.3 mm, 2L, Spira Flex | 5 | 589-25-092-00 |
| Thin Tube, 1.3 mm, 3L, Spira Flex | 5 | 589-25-093-00 |

| Product | Quantity | Part Number |
|--|----------|---------------|
| Domes | | |
| Dome, Open 6 mm | 10 | 570-07-410-00 |
| Dome, Open 8 mm | 10 | 570-07-411-00 |
| Dome, Open 10 mm | 10 | 570-07-412-00 |
| Dome, Tulip | 10 | 589-25-100-00 |
| Dome, Large Vent 8 mm | 10 | 123310 |
| Dome, Large Vent 12 mm | 10 | 123312 |
| Dome, Small Vent 8 mm | 10 | 123307 |
| Dome, Small Vent 10 mm | 10 | 123308 |
| Dome, Small Vent 12 mm | 10 | 123309 |
| Dome, Power, 6 mm | 10 | 123293 |
| Dome, Power, 8 mm | 10 | 123305 |
| Dome, Power, 10 mm | 10 | 123306 |
| Programming Adapter | | |
| Module, Programming White | 1 | 399-50-640-00 |
| Programming adapter | 1 | 390-01-040-00 |
| Programming cable Flex Strip/Flex Connect | 1 | 390-01-180-05 |
| Tool | | |
| Removal tool for lock pin | 1 | 890-22-270-00 |