



# Starkey | Technical Data

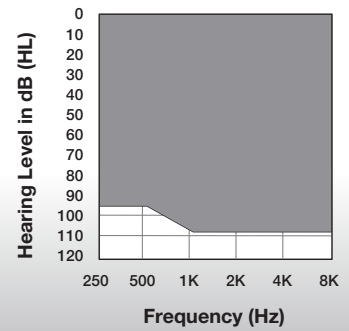
## POWER PLUS

### BTE 13

Behind-The-Ear

#### Fitting Range

● BTE 13 80



#### Evolv AI

#### Color Guide

##### Standard Colors



#### Accessory Compatibility

- TV Streamer
- Remote Microphone Plus
- Remote Control
- Mini Remote Microphone
- Table Microphone
- Programmer

#### Patient Features

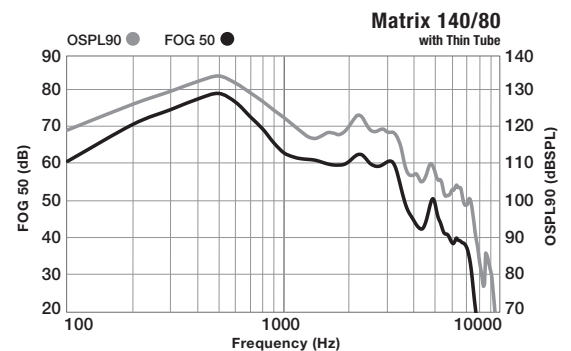
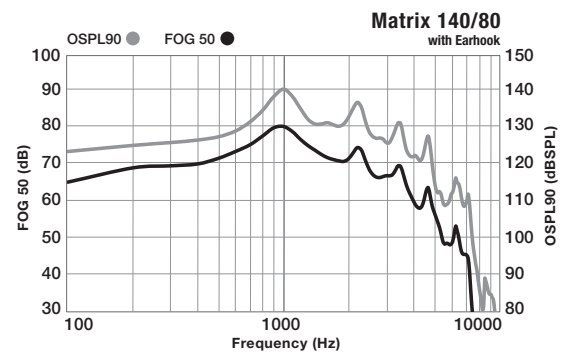
- Tinnitus Technology
- Wireless Connectivity
- Telecoil

#### Evolv AI Technology

- Healthable hearing technology with embedded sensors and artificial intelligence
- Reference Evolv AI Feature Chart for additional features

|   | Earhook              |                 | Thin Tube            |                 |
|---|----------------------|-----------------|----------------------|-----------------|
|   | ANSI/IEC 2cc Coupler | IEC OES Coupler | ANSI/IEC 2cc Coupler | IEC OES Coupler |
| <b>Measurement</b>                            |                      |                 |                      |                 |
| Peak OSPL90 (dB SPL)                          | 140                  | 147             | 133                  | 139             |
| HFA OSPL90 (dB SPL)                           | 133                  | N/A             | 119                  | N/A             |
| RTF OSPL90 (dB SPL)                           | N/A                  | 141             | N/A                  | 128             |
| Peak Gain (dB)                                | 80                   | 86              | 78                   | 84              |
| HFA Full-On Gain (dB)                         | 73                   | N/A             | 60                   | N/A             |
| RTF Full-On Gain (dB)                         | N/A                  | 81              | N/A                  | 70              |
| <b>Frequency Range (Hz)</b>                   | <100-5200            | <100-6400       | <100-5200            | <100-7000       |
| Reference Test Freq. (kHz)                    | N/A                  | 1.6             | N/A                  | 1.6             |
| HFA Frequencies (kHz)                         | 1.0, 1.6, 2.5        | N/A             | 1.0, 1.6, 2.5        | N/A             |
| Reference Test Gain (dB)                      | 54                   | 64              | 44                   | 52              |
| Equivalent Input Noise (dB)                   | 26                   | 26              | 37                   | 34              |
| <b>Harmonic Distortion</b>                    |                      |                 |                      |                 |
| 500 Hz (%)                                    | <5                   | <5              | <1                   | <1              |
| 800 Hz (%)                                    | <2                   | <1              | <1                   | <2              |
| 1600 Hz (%)                                   | <1                   | <1              | <2                   | <3              |
| 3200 Hz (%)                                   | <1                   | <1              | <2                   | <2              |
| <b>Induction Coil Sensitivity</b>             |                      |                 |                      |                 |
| HFA SPLITS (ANSI) (dB SPL)                    | 110                  | N/A             | 98                   | N/A             |
| RSETS   | -4                   | N/A             | -6                   | N/A             |
| HFA-SPLIV                                     | 110                  | N/A             | 100                  | N/A             |
| RTLS / ETLS                                   | -4                   | N/A             | -4                   | N/A             |
| HFA MASL (IEC) (dB SPL)                       | 92                   | N/A             | 80                   | N/A             |
| Battery Current (mA)                          | 2.9                  | 2.4             | 2.9                  | 2.4             |
| Idle Current (mA)                             | 2.0                  | 2.0             | 2.0                  | 2.0             |
| <b>Estimated Battery Life for 16-Hour Day</b> |                      |                 |                      |                 |
| 13 Zinc Air (days)                            | 6-9*                 | 7-10*           | 6-9*                 | 7-10*           |
| <b>Tinnitus Therapy Stimulus</b>              |                      |                 |                      |                 |
| Max RMS Output (dB SPL)                       | 92                   |                 | 92                   |                 |
| Weighted RMS Output Level (dB SPL)            | 92                   |                 | 92                   |                 |
| Max 1/3 Octave Output (dB SPL)                | 92                   |                 | 92                   |                 |

#### Matrices: 140/80 Battery Size: 13



\*Results will vary based on wireless usage.