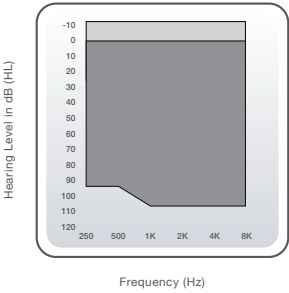


# BTE 13

BEHIND-THE-EAR

i2400/i2000/i1600

## Fitting Guide



Muse BTE 13 fitting range.

## Multiflex Tinnitus Technology

## CROS Compatibility

## Surflink Accessory Compatibility



## Color Guide



### EARHOOK

### THIN TUBE (Size 3, Occluded)

#### Measurement

|                       | ANSI/IEC<br>2cc Coupler | IEC OES<br>Coupler | ANSI/IEC<br>2cc Coupler | IEC OES<br>Coupler |
|-----------------------|-------------------------|--------------------|-------------------------|--------------------|
| Peak OSPL90 (dB SPL)  | 130                     | 137                | 122                     | 126                |
| HFA OSPL90 (dB SPL)   | 122                     | N/A                | 113                     | N/A                |
| RTF OSPL90 (dB SPL)   | N/A                     | 136                | N/A                     | 118                |
| Peak Gain (dB)        | 70                      | 75                 | 68                      | 72                 |
| HFA Full-On Gain (dB) | 62                      | N/A                | 57                      | N/A                |
| RTF Full-On Gain (dB) | N/A                     | 75                 | N/A                     | 61                 |

#### Frequency Range (Hz)

|                             | <100-7600   | <100-7800 | <100-4900   | <100-4900 |
|-----------------------------|-------------|-----------|-------------|-----------|
| Reference Test Freq. (kHz)  | N/A         | 2.5       | N/A         | 2.5       |
| HFA Frequencies (kHz)       | 1.0,1.6,2.5 | N/A       | 1.0,1.6,2.5 | N/A       |
| Reference Test Gain (dB)    | 44          | 61        | 36          | 43        |
| Equivalent Input Noise (dB) | 25          | 25        | 32          | 32        |

#### Harmonic Distortion

|             |    |    |    |    |
|-------------|----|----|----|----|
| 500 Hz (%)  | <3 | <3 | <3 | <3 |
| 800 Hz (%)  | <5 | <5 | <3 | <3 |
| 1600 Hz (%) | <3 | <3 | <3 | <3 |

#### Induction Coil Sensitivity

|                                  |     |     |     |     |
|----------------------------------|-----|-----|-----|-----|
| HFA SPLITS (ANSI) (dB SPL)       | 104 | N/A | 96  | N/A |
| MASL (IEC) (dB SPL)              | N/A | 104 | N/A | 91  |
| ANSI/IEC<br>Battery Current (mA) | 1.9 | 1.4 | 1.4 | 1.4 |
| Idle Current (mA)                | 1.3 | 1.3 | 1.3 | 1.3 |

#### Estimated Battery Life for 16-Hour Day

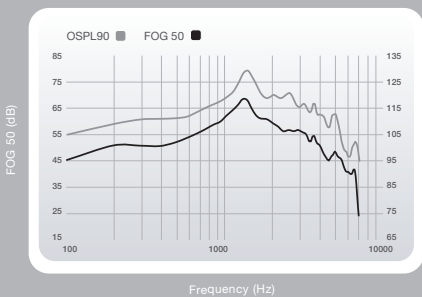
|                    |       |       |       |       |
|--------------------|-------|-------|-------|-------|
| 13 Zinc Air (days) | 11-13 | 11-13 | 11-13 | 11-13 |
|--------------------|-------|-------|-------|-------|

#### Tinnitus Therapy Stimulus

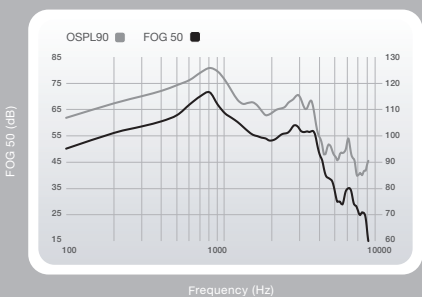
|                                    |    |    |
|------------------------------------|----|----|
| Max RMS Output (dB SPL)            | 87 | 87 |
| Weighted RMS Output Level (dB SPL) | 87 | 87 |
| Max 1/3 Octave Output (dB SPL)     | 87 | 87 |

➤ **Matrix** 130/70

➤ **Battery Size** 13



OSPL90 (gray) and Full-On Gain (black) curves for the Muse BTE 13 with Earhook.



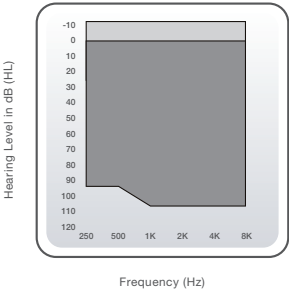
OSPL90 (gray) and Full-On Gain (black) curves for the Muse BTE 13 with Thin Tube.

# BTE 13

BEHIND-THE-EAR

i1200/i1000

## Fitting Guide



Muse BTE 13 fitting range.

## Multiflex Tinnitus Technology

## CROS Compatibility

## Surflink Accessory Compatibility



## Color Guide



### EARHOOK

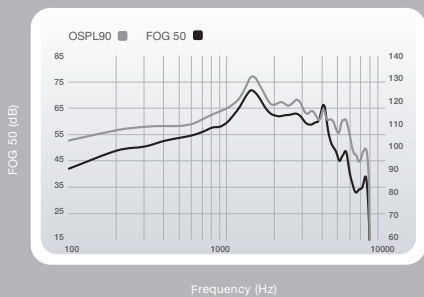
### THIN TUBE (Size 3, Occluded)

#### Measurement

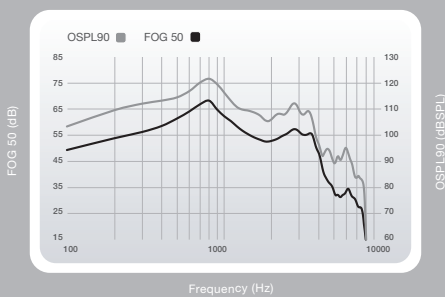
|                                           | ANSI/IEC<br>2cc Coupler | IEC OES<br>Coupler | ANSI/IEC<br>2cc Coupler | IEC OES<br>Coupler |
|-------------------------------------------|-------------------------|--------------------|-------------------------|--------------------|
| Peak OSPL90 (dB SPL)                      | 130                     | 137                | 122                     | 127                |
| HFA OSPL90 (dB SPL)                       | 122                     | N/A                | 113                     | N/A                |
| RTF OSPL90 (dB SPL)                       | N/A                     | 136                | N/A                     | 119                |
| Peak Gain (dB)                            | 70                      | 75                 | 68                      | 73                 |
| HFA Full-On Gain (dB)                     | 62                      | N/A                | 57                      | N/A                |
| RTF Full-On Gain (dB)                     | N/A                     | 75                 | N/A                     | 63                 |
| Frequency Range (Hz)                      | <100-5900               | <100-7600          | <100-4600               | <100-6800          |
| Reference Test Freq. (kHz)                | N/A                     | 2.5                | N/A                     | 2.5                |
| HFA Frequencies (kHz)                     | 1.0,1.6,2.5             | N/A                | 1.0,1.6,2.5             | N/A                |
| Reference Test Gain (dB)                  | 44                      | 61                 | 36                      | 44                 |
| Equivalent Input Noise (dB)               | 24                      | N/A                | 19                      | N/A                |
| Harmonic Distortion                       |                         |                    |                         |                    |
| 500 Hz (%)                                | <3                      | <3                 | <3                      | <3                 |
| 800 Hz (%)                                | <5                      | <5                 | <3                      | <3                 |
| 1600 Hz (%)                               | <3                      | <3                 | <3                      | <3                 |
| Induction Coil Sensitivity                |                         |                    |                         |                    |
| HFA SPLITS (ANSI) (dB SPL)                | 101                     | N/A                | 96                      | N/A                |
| MASL (IEC) (dB SPL)                       | N/A                     | 101                | N/A                     | 93                 |
| ANSI/IEC<br>Battery Current (mA)          | 1.8                     | 1.4                | 1.6                     | 1.4                |
| Idle Current (mA)                         | 1.3                     | 1.3                | 1.3                     | 1.3                |
| Estimated Battery Life<br>for 16-Hour Day |                         |                    |                         |                    |
| 13 Zinc Air (days)                        | 9-13                    | 10-14              | 9-13                    | 10-14              |
| Tinnitus Therapy Stimulus                 |                         |                    |                         |                    |
| Max RMS Output (dB SPL)                   | 87                      |                    | 87                      |                    |
| Weighted RMS Output Level (dB SPL)        | 87                      |                    | 87                      |                    |
| Max 1/3 Octave Output (dB SPL)            | 87                      |                    | 87                      |                    |

▶ **Matrix** 130/70

▶ **Battery Size** 13



OSPL90 (gray) and Full-On Gain (black) curves for the Muse BTE 13 with Earhook.



OSPL90 (gray) and Full-On Gain (black) curves for the Muse BTE 13 with Thin Tube.