

# Insio primax™

## Technical Data

7px

5px

3px

2px

1px

### ITE

#### 118/55

- 65 dB / 128 dB SPL (ear simulator)
- 55 dB / 118 dB SPL (2 ccm coupler)

#### 124/65

- 74 dB / 134 dB SPL (ear simulator)
- 65 dB / 124 dB SPL (2 ccm coupler)

### ITC

#### 113/50

- 61 dB / 124 dB SPL (ear simulator)
- 50 dB / 113 dB SPL (2 ccm coupler)

#### 118/55

- 65 dB / 129 dB SPL (ear simulator)
- 55 dB / 118 dB SPL (2 ccm coupler)

#### 124/65

- 75 dB / 134 dB SPL (ear simulator)
- 65 dB / 124 dB SPL (2 ccm coupler)

### CIC

#### 113/50

- 63 dB / 124 dB SPL (ear simulator)
- 50 dB / 113 dB SPL (2 ccm coupler)

#### 118/55

- 65 dB / 128 dB SPL (ear simulator)
- 55 dB / 118 dB SPL (2 ccm coupler)

#### 124/65

- 75 dB / 134 dB SPL (ear simulator)
- 65 dB / 124 dB SPL (2 ccm coupler)

# Insio primax ITE | Technical Data

| Type                                             | 118/55           |               | 124/65           |               |
|--------------------------------------------------|------------------|---------------|------------------|---------------|
|                                                  | 2 ccm coupler    | Ear simulator | 2 ccm coupler    | Ear simulator |
| <b>Output sound pressure level</b>               |                  |               |                  |               |
| at 1.6 kHz                                       | –                | 119 dB SPL    | –                | 128 dB SPL    |
| Peak                                             | 118 dB SPL       | 128 dB SPL    | 124 dB SPL       | 134 dB SPL    |
| HFA-OSPL 90                                      | 113 dB SPL       | –             | 120 dB SPL       | –             |
| <b>Gain</b>                                      |                  |               |                  |               |
| Full on gain (FOG) at 1.6 kHz                    | –                | 55 dB         | –                | 66 dB         |
| Full on gain (Peak)                              | 55 dB            | 65 dB         | 65 dB            | 74 dB         |
| HFA-FOG                                          | 48 dB            | –             | 60 dB            | –             |
| Reference test gain                              | 35 dB            | 45 dB         | 44 dB            | 53 dB         |
| <b>Frequency, noise and directivity</b>          |                  |               |                  |               |
| Frequency range 7px                              | 100-7500 Hz      | 120-8500 Hz   | 100-6100 Hz      | 100-6000 Hz   |
| 5px / 3px / 2px / 1px                            | 100-7500 Hz      | 120-8000 Hz   | 100-6100 Hz      | 100-6000 Hz   |
| Equivalent input noise                           | 21 dB SPL        | 17 dB SPL     | 21 dB SPL        | 21 dB SPL     |
| Total harmonic distortion at 500 / 800 / 1600 Hz | 2 / 3 / 2 %      | 3 / 5 / 3 %   | 2 / 3 / 2 %      | 7 / 7 / 3 %   |
| Tinnitus noiser broadband                        | 75 dB            | –             | 80 dB            | –             |
| AI-DI                                            | 5.2 dB           |               | 5.2 dB           |               |
| <b>Inductive coil sensitivity</b>                |                  |               |                  |               |
| MASL (1 mA/m) at 1.6 kHz                         | –                | 85 dB SPL     | –                | 97 dB SPL     |
| HFA MASL (1 mA/m)                                | 78 dB SPL        | –             | 89 dB SPL        | –             |
| HFA SPLITS (left/right)                          | 94 / 94 dB SPL   | –             | 103 / 103 dB SPL | –             |
| RSETS (left/right)                               | -1 / -1 dB       | –             | 0 / 0 dB         | –             |
| <b>Battery</b>                                   |                  |               |                  |               |
| Battery voltage                                  | 1.3 V            |               | 1.3 V            |               |
| Battery current drain                            | 1.0 mA           |               | 1.1 mA           |               |
| Battery life (cell zinc air)<br>Type 13 / 312    | ~ 220 h / ~120 h |               | ~200 h / ~110 h  |               |
| Battery life (rechargeable)                      | –                |               | –                |               |
| <b>IRIL IEC 118-13:2011 (bystander)</b>          |                  |               |                  |               |
| 800-960 MHz                                      | < -6 dB SPL      |               | < -6 dB SPL      |               |
| 1400-2000 MHz                                    | < -24 dB SPL     |               | < -24 dB SPL     |               |
| ANSI C63.19                                      | M4 / T3          |               | M4 / T3          |               |

# Insio primax ITC | Technical Data

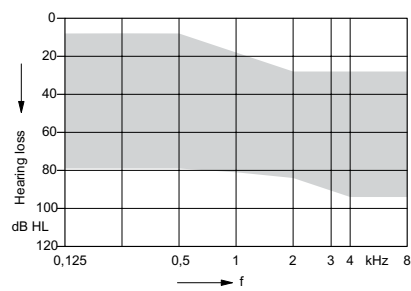
| Type                                                | 113/50                     |                            | 118/55                     |                            | 124/65                     |                            |
|-----------------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
|                                                     | 2 ccm coupler              | Ear simulator              | 2 ccm coupler              | Ear simulator              | 2 ccm coupler              | Ear simulator              |
| <b>Output sound pressure level</b>                  |                            |                            |                            |                            |                            |                            |
| at 1.6 kHz                                          | –                          | 116 dB SPL                 | –                          | 119 dB SPL                 | –                          | 127 dB SPL                 |
| Peak                                                | 113 dB SPL                 | 124 dB SPL                 | 118 dB SPL                 | 129 dB SPL                 | 124 dB SPL                 | 134 dB SPL                 |
| HFA-OSPL 90                                         | 108 dB SPL                 | –                          | 112 dB SPL                 | –                          | 120 dB SPL                 | –                          |
| <b>Gain</b>                                         |                            |                            |                            |                            |                            |                            |
| Full on gain (FOG) at 1.6 kHz                       | –                          | 52 dB                      | –                          | 53 dB                      | –                          | 65 dB                      |
| Full on gain (Peak)                                 | 50 dB                      | 61 dB                      | 55 dB                      | 65 dB                      | 65 dB                      | 75 dB                      |
| HFA-FOG                                             | 44 dB                      | –                          | 47 dB                      | –                          | 60 dB                      | –                          |
| Reference test gain                                 | 31 dB                      | 41 dB                      | 35 dB                      | 44 dB                      | 44 dB                      | 53 dB                      |
| <b>Frequency, noise and directivity</b>             |                            |                            |                            |                            |                            |                            |
| Frequency range 7px<br>5px / 3px / 2px / 1px        | 100-8400 Hz<br>100-7800 Hz | 110-9000 Hz<br>110-8000 Hz | 100-8000 Hz<br>100-7800 Hz | 110-8500 Hz<br>110-8000 Hz | 100-6200 Hz<br>100-6200 Hz | 100-6600 Hz<br>100-6600 Hz |
| Equivalent input noise                              | 21 dB SPL                  | 21 dB SPL                  | 21 dB SPL                  | 22 dB SPL                  | 20 dB SPL                  | 20 dB SPL                  |
| Total harmonic distortion at<br>500 / 800 / 1600 Hz | 4 / 3 / 3 %                | 3 / 4 / 3 %                | 2 / 2 / 2 %                | 3 / 5 / 4 %                | 2 / 3 / 1 %                | 5 / 7 / 2 %                |
| Tinnitus noiser broadband                           | 70 dB                      | –                          | 75 dB                      | –                          | 80 dB                      | –                          |
| AI-DI                                               | 4.8 dB                     |                            | 4.8 dB                     |                            | 4.8 dB                     |                            |
| <b>Inductive coil sensitivity</b>                   |                            |                            |                            |                            |                            |                            |
| MASL (1 mA/m) at 1.6 kHz                            | –                          | 74 dB SPL                  | –                          | 85 dB SPL                  | –                          | 96 dB SPL                  |
| HFA MASL (1 mA/m)                                   | 65 dB SPL                  | –                          | 77 dB SPL                  | –                          | 89 dB SPL                  | –                          |
| HFA SPLITS (left/right)                             | 90 /<br>90 dB SPL          | –                          | 94 /<br>94 dB SPL          | –                          | 103 /<br>103 dB SPL        | –                          |
| RSETS (left/right)                                  | -1 / -1 dB                 | –                          | -1 / -1 dB                 | –                          | 0 / 0 dB                   | –                          |
| <b>Battery</b>                                      |                            |                            |                            |                            |                            |                            |
| Battery voltage                                     | 1.3 V                      |                            | 1.3 V                      |                            | 1.3 V                      |                            |
| Battery current drain                               | 1.1 mA                     |                            | 1.1 mA                     |                            | 1.1 mA                     |                            |
| Battery life (cell zinc air)<br>Type 312 / 10       | ~ 110 h / ~ 60 h           |                            | ~ 110 h / ~ 60 h           |                            | ~110 h / -                 |                            |
| Battery life (rechargeable)                         | –                          |                            | –                          |                            | –                          |                            |
| <b>IRIL IEC 118-13:2011<br/>(bystander)</b>         |                            |                            |                            |                            |                            |                            |
| 800-960 MHz                                         | < -6 dB SPL                |                            | < -6 dB SPL                |                            | <-6 dB SPL                 |                            |
| 1400-2000 MHz                                       | < -24 dB SPL               |                            | < -24 dB SPL               |                            | <-24 dB SPL                |                            |
| ANSI C63.19                                         | M4 / T2                    |                            | M4 / T2                    |                            | M4 / T2                    |                            |

# Insio primax CIC | Technical Data

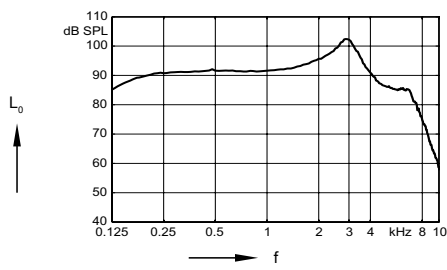
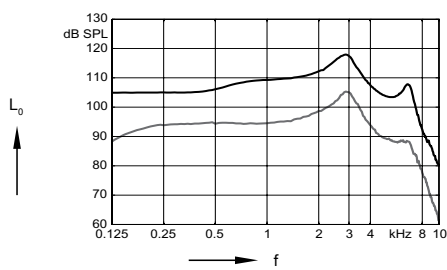
| Type                                                | 113/50                     |                             | 118/55                     |                             | 124/65                     |                            |
|-----------------------------------------------------|----------------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|----------------------------|
|                                                     | 2 ccm coupler              | Ear simulator               | 2 ccm coupler              | Ear simulator               | 2 ccm coupler              | Ear simulator              |
| <b>Output sound pressure level</b>                  |                            |                             |                            |                             |                            |                            |
| at 1.6 kHz                                          | –                          | 116 dB SPL                  | –                          | 119 dB SPL                  | –                          | 127 dB SPL                 |
| Peak                                                | 113 dB SPL                 | 124 dB SPL                  | 118 dB SPL                 | 128 dB SPL                  | 124 dB SPL                 | 134 dB SPL                 |
| HFA-OSPL 90                                         | 109 dB SPL                 | –                           | 112 dB SPL                 | –                           | 119 dB SPL                 | –                          |
| <b>Gain</b>                                         |                            |                             |                            |                             |                            |                            |
| Full on gain (FOG) at 1.6 kHz                       | –                          | 52 dB                       | –                          | 55 dB                       | –                          | 67 dB                      |
| Full on gain (Peak)                                 | 50 dB                      | 63 dB                       | 55 dB                      | 65 dB                       | 65 dB                      | 75 dB                      |
| HFA-FOG                                             | 45 dB                      | –                           | 48 dB                      | –                           | 60 dB                      | –                          |
| Reference test gain                                 | 32 dB                      | 41 dB                       | 35 dB                      | 44 dB                       | 43 dB                      | 52 dB                      |
| <b>Frequency, noise and directivity</b>             |                            |                             |                            |                             |                            |                            |
| Frequency range 7px<br>5px / 3px / 2px / 1px        | 100-8600 Hz<br>100-8100 Hz | 110-10000 Hz<br>110-8100 Hz | 100-8900 Hz<br>100-8100 Hz | 130-10000 Hz<br>130-8100 Hz | 100-6300 Hz<br>100-6300 Hz | 100-7900 Hz<br>100-7900 Hz |
| Equivalent input noise                              | 21 dB SPL                  | 21 dB SPL                   | 18 dB SPL                  | 19 dB SPL                   | 18 dB SPL                  | 18 dB SPL                  |
| Total harmonic distortion at<br>500 / 800 / 1600 Hz | 3 / 3 / 2 %                | 4 / 5 / 4 %                 | 1 / 1 / 1 %                | 1 / 2 / 2 %                 | 1 / 2 / 1 %                | 3 / 4 / 1 %                |
| Tinnitus noiser broadband                           | 70 dB                      | –                           | 75 dB                      | –                           | 80 dB                      | –                          |
| AI-DI                                               | –                          |                             | –                          |                             | –                          |                            |
| <b>Inductive coil sensitivity</b>                   |                            |                             |                            |                             |                            |                            |
| MASL (1 mA/m) at 1.6 kHz                            | –                          | –                           | –                          | –                           | –                          | –                          |
| HFA MASL (1 mA/m)                                   | –                          | –                           | –                          | –                           | –                          | –                          |
| HFA SPLITS (left/right)                             | –                          | –                           | –                          | –                           | –                          | –                          |
| RSETS (left/right)                                  | –                          | –                           | –                          | –                           | –                          | –                          |
| <b>Battery</b>                                      |                            |                             |                            |                             |                            |                            |
| Battery voltage                                     | 1.3 V                      |                             | 1.3 V                      |                             | 1.3 V                      |                            |
| Battery current drain                               | 1.0 mA                     |                             | 1.0 mA                     |                             | 1.1 mA                     |                            |
| Battery life (cell zinc air)<br>Type 10             | ~ 70 h                     |                             | ~ 70 h                     |                             | ~ 65 h                     |                            |
| Battery life (rechargeable)                         | –                          |                             | –                          |                             | –                          |                            |
| <b>IRIL IEC 118-13:2011<br/>(bystander)</b>         |                            |                             |                            |                             |                            |                            |
| 800-960 MHz                                         | < -6 dB SPL                |                             | < -6 dB SPL                |                             | < -6 dB SPL                |                            |
| 1400-2000 MHz                                       | < -24 dB SPL               |                             | < -24 dB SPL               |                             | < -24 dB SPL               |                            |
| ANSI C63.19                                         | M4                         |                             | M4                         |                             | M4                         |                            |

# Insio primax ITE | Basic Data

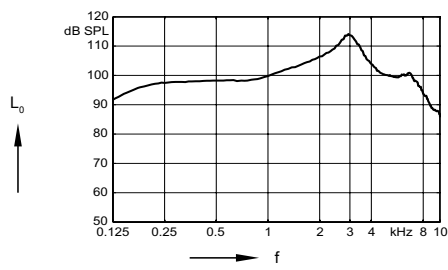
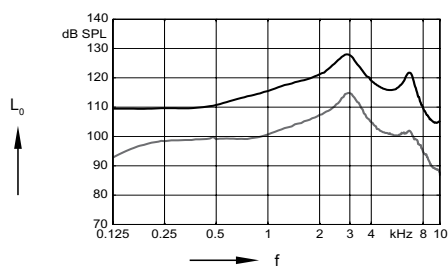
118/55



## 2 ccm coupler

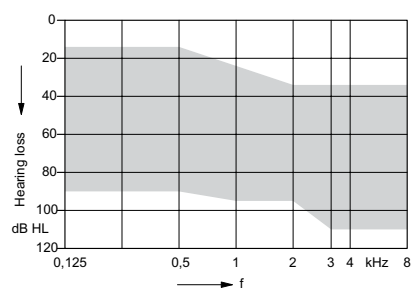


## Ear simulator

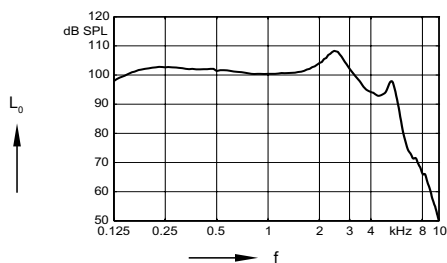
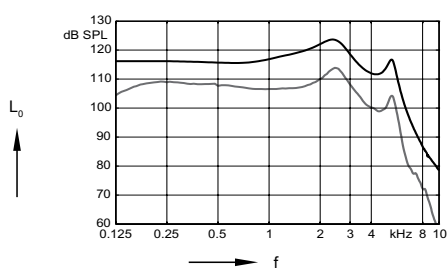


# Insio primax ITE | Basic Data

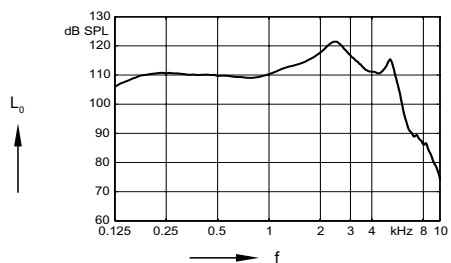
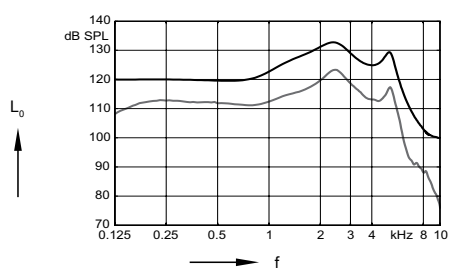
124/65



## 2 ccm coupler

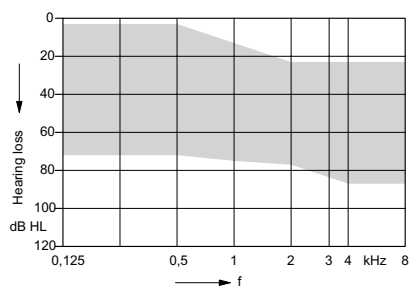


## Ear simulator

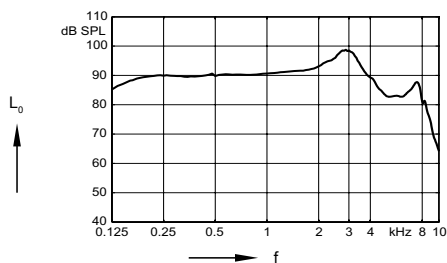
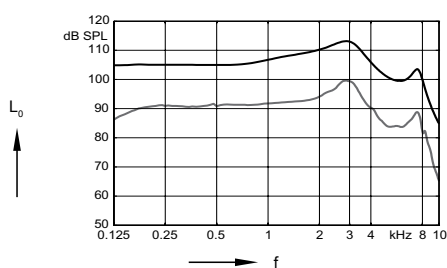


# Insio primax ITC | Basic Data

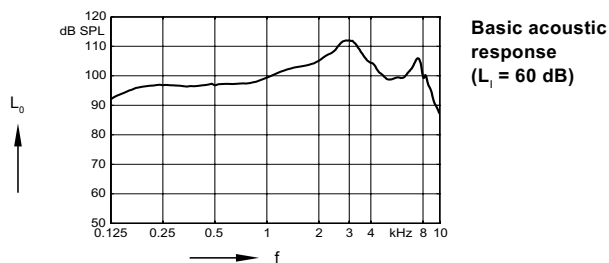
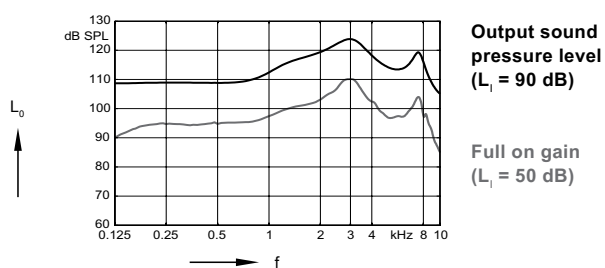
113/50



## 2 ccm coupler

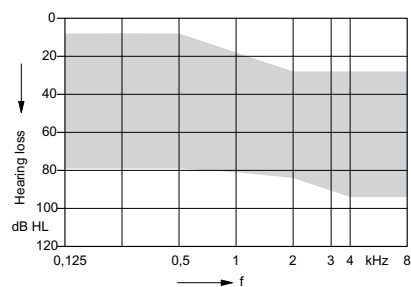


## Ear simulator

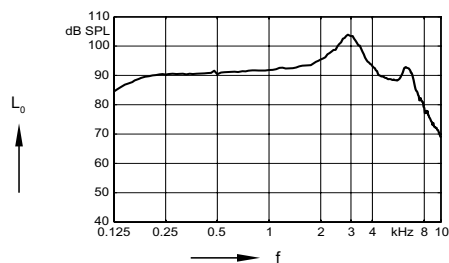
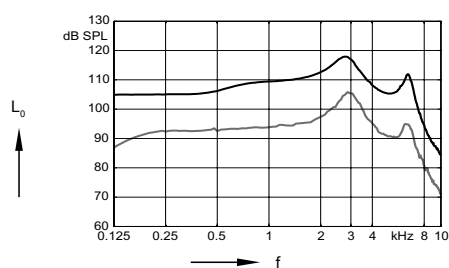


# Insio primax ITC | Basic Data

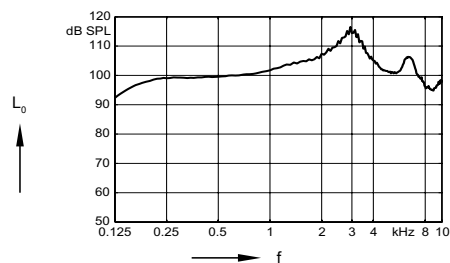
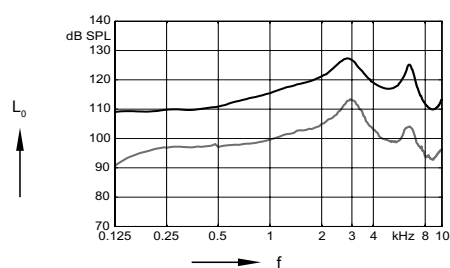
118/55



## 2 ccm coupler



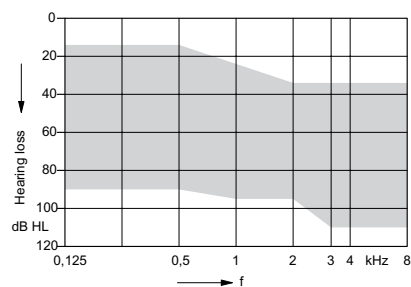
## Ear simulator



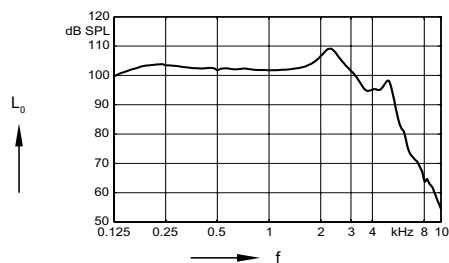
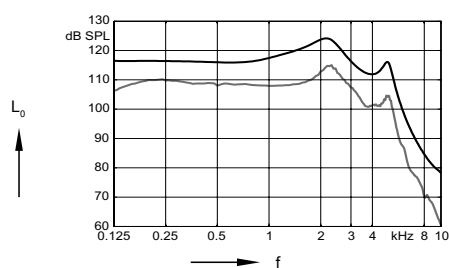


# Insio primax ITC | Basic Data

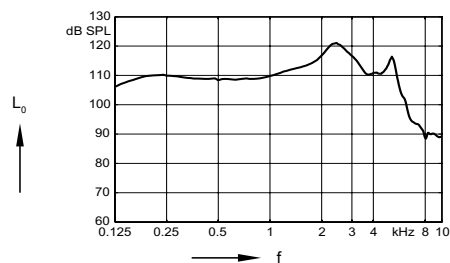
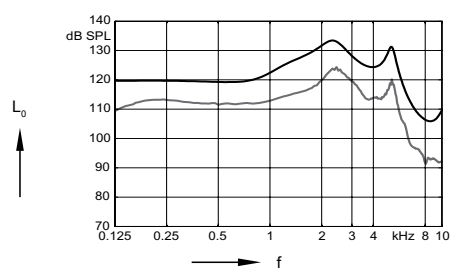
124/65



## 2 ccm coupler

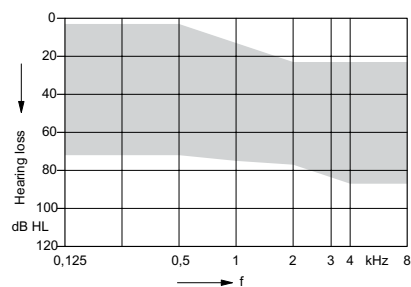


## Ear simulator

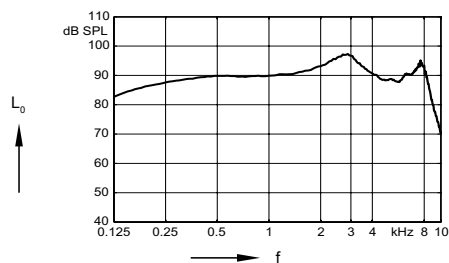
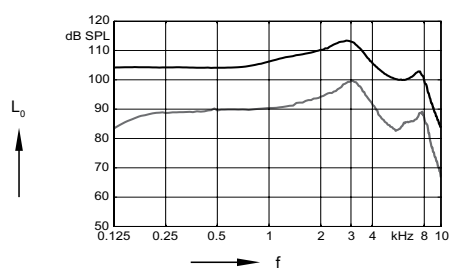


# Insio primax CIC | Basic Data

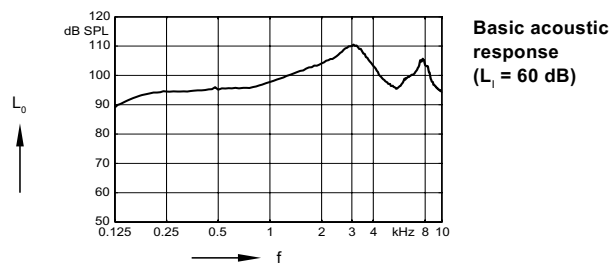
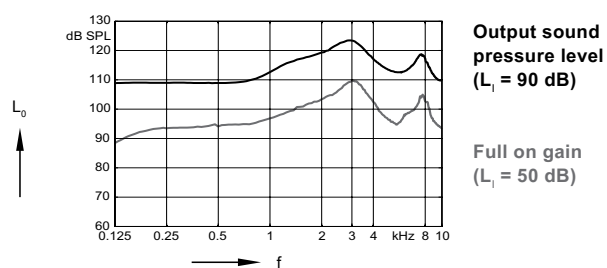
113/50



## 2 ccm coupler

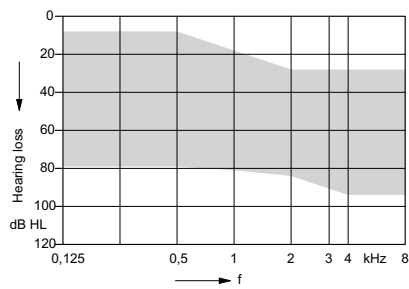


## Ear simulator

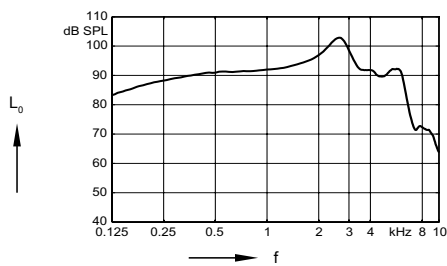
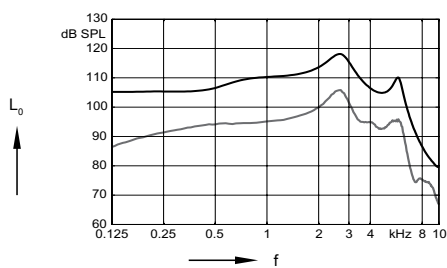


# Insio primax CIC | Basic Data

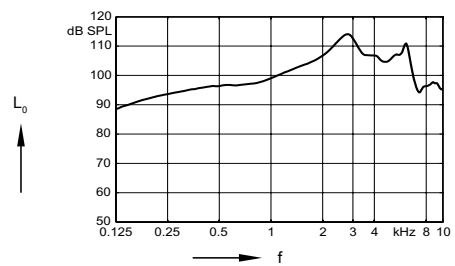
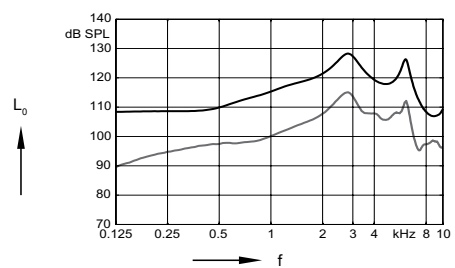
118/55



## 2 ccm coupler

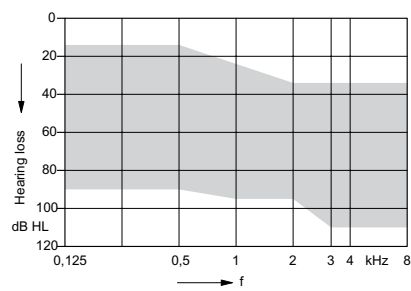


## Ear simulator

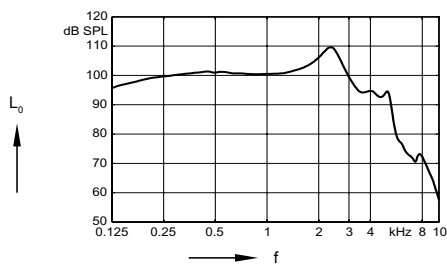
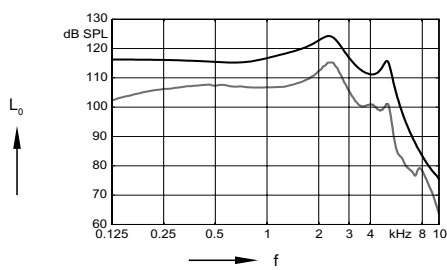


# Insio primax CIC | Basic Data

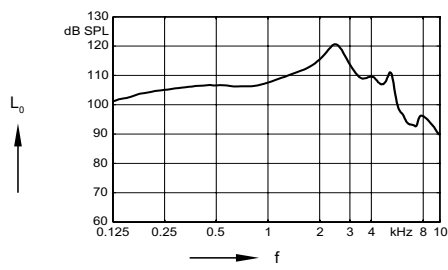
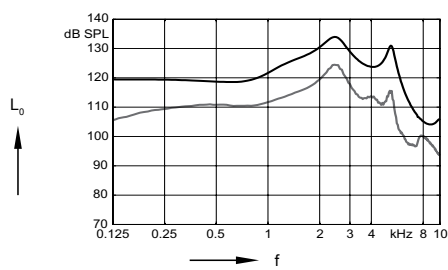
124/65



## 2 ccm coupler



## Ear simulator



# Insio primax | Features and Accessories

|                                                          | ITE / ITC |         |          |          |             |
|----------------------------------------------------------|-----------|---------|----------|----------|-------------|
|                                                          | 7px       | 5px     | 3px      | 2px      | 1px         |
| <b>Audiology</b>                                         |           |         |          |          |             |
| Signal processing <sup>1)</sup> / Gain/MPO <sup>2)</sup> | 48 / 20   | 32 / 16 | 24 / 12  | 16 / 8   | 16 / 8      |
| Hearing programs                                         | 6         | 6       | 6        | 4        | 4           |
| SpeechMaster                                             | ●         | ●       | ●        | ●        | ●           |
| HD Music <sup>3)</sup>                                   | 3         | 1       | 1        | —        | —           |
| TwinPhone <sup>4)</sup> <sup>13)</sup>                   | ●         | ●       | ●        | —        | —           |
| EchoShield                                               | ●         | —       | —        | —        | —           |
| Wireless CROS/BICROS <sup>5)</sup>                       | ●         | ●       | ●        | —        | —           |
| Directionality <sup>1)</sup> <sup>14)</sup>              | 48        | 32      | 24       | 16       | 16          |
| binaural OneMic directionality <sup>6)</sup>             | ■■■■■     | —       | —        | —        | —           |
| Narrow Directionality <sup>4)</sup>                      | ■■■■■     | ■■■■    | ■■■      | —        | —           |
| Directional microphone                                   | ■■■■■     | ■■■■    | ■■■      | ■■       | ■■          |
| Spatial SpeechFocus <sup>4)</sup>                        | ■■■■■     | —       | —        | —        | —           |
| SpeechFocus                                              | ■■■■      | ■■■■    | —        | —        | —           |
| Frequency compression                                    | ●         | ●       | ●        | ●        | ●           |
| Extended bandwidth                                       | ●         | —       | —        | —        | —           |
| Feedback cancellation                                    | ●         | ●       | ●        | ●        | ●           |
| eWindScreen binaural <sup>4)</sup>                       | ●         | ●       | —        | —        | —           |
| eWindScreen <sup>TM 7)</sup>                             | 3         | 3       | on / off | on / off | —           |
| Noise Reduction <sup>1)</sup> <sup>7)</sup>              | 48 / 5    | 32 / 5  | 24 / 3   | 16 / 3   | 16 / on/off |
| Speech and noise management <sup>7)</sup>                | 7         | 5       | 3        | 3        | on / off    |
| SoundSmoothing <sup>TM 7)</sup>                          | 3         | 3       | 1        | on / off | —           |
| Directional speech enhancement <sup>7)</sup>             | 3         | —       | —        | —        | —           |
| Adaptive streaming volume <sup>7)</sup>                  | ●         | —       | —        | —        | —           |
| SoundBrilliance <sup>TM 8)</sup>                         | ●         | ●       | —        | —        | —           |
| Sound equalizer <sup>9)</sup>                            | 6         | 3       | —        | —        | —           |
| Spatial Configurator <sup>4)</sup>                       | ●         | ●       | —        | —        | —           |
| Span <sup>12)</sup>                                      | ●         | ●       | —        | —        | —           |
| Direction <sup>12)</sup>                                 | ●         | ●       | —        | —        | —           |
| SoundBalance                                             | ●         | ●       | ●        | ●        | ●           |
| <b>Fitting</b>                                           |           |         |          |          |             |
| Insitugram                                               | ●         | ●       | ●        | ●        | ●           |
| Learning <sup>9)</sup> / Data logging                    | 6 / ●     | 3 / ●   | 1 / ●    | — / ●    | — / ●       |
| Acclimatization manager                                  | ●         | ●       | ●        | ●        | ●           |
| <b>Tinnitus</b>                                          |           |         |          |          |             |
| Tinnitus noiser                                          |           |         |          |          |             |
| Static therapy signal <sup>2)</sup> <sup>3)</sup>        | 20 / 5    | 16 / 5  | 12 / 5   | 4 / 1    | —           |
| Ocean Waves therapy signal <sup>2)</sup>                 | 4         | 4       | 4        | —        | —           |
| Notch therapy                                            | ●         | ●       | ●        | —        | —           |

# Insio primax | Features and Accessories

|                                                               | 7px       | 5px     | CIC<br>3px | 2px      | 1px         |
|---------------------------------------------------------------|-----------|---------|------------|----------|-------------|
| <b>Audiology</b>                                              |           |         |            |          |             |
| <b>Signal processing<sup>1)</sup> / Gain/MPO<sup>2)</sup></b> | 48 / 20   | 32 / 16 | 24 / 12    | 16 / 8   | 16 / 8      |
| <b>Hearing programs</b>                                       | 6         | 6       | 6          | 4        | 4           |
| <b>SpeechMaster</b>                                           | ●         | ●       | ●          | ●        | ●           |
| <b>HD Music<sup>3)</sup></b>                                  | 3         | 1       | 1          | —        | —           |
| <b>TwinPhone<sup>4)</sup> 13)</b>                             | —         | —       | —          | —        | —           |
| <b>EchoShield</b>                                             | ●         | —       | —          | —        | —           |
| <b>Wireless CROS/BICROS<sup>5)</sup></b>                      | ●         | ●       | ●          | —        | —           |
| <b>Directionality<sup>1)</sup> 14)</b>                        | —         | —       | —          | —        | —           |
| <b>binaural OneMic directionality<sup>6)</sup></b>            | ■ ■ ■ ■ ■ | —       | —          | —        | —           |
| <b>Narrow Directionality<sup>4)</sup></b>                     | —         | —       | —          | —        | —           |
| <b>Directional microphone</b>                                 | —         | —       | —          | —        | —           |
| <b>Spatial SpeechFocus<sup>4)</sup></b>                       | —         | —       | —          | —        | —           |
| <b>SpeechFocus</b>                                            | —         | —       | —          | —        | —           |
| <b>Frequency compression</b>                                  | ●         | ●       | ●          | ●        | ●           |
| <b>Extended bandwidth</b>                                     | ●         | —       | —          | —        | —           |
| <b>Feedback cancellation</b>                                  | ●         | ●       | ●          | ●        | ●           |
| <b>eWindScreen binaural<sup>4)</sup></b>                      | —         | —       | —          | —        | —           |
| <b>eWindScreen™<sup>7)</sup></b>                              | 3         | 3       | on / off   | on / off | —           |
| <b>Noise Reduction<sup>1)</sup> 7)</b>                        | 48 / 5    | 32 / 5  | 24 / 3     | 16 / 3   | 16 / on/off |
| <b>Speech and noise management<sup>7)</sup></b>               | 7         | 5       | 3          | 3        | on / off    |
| <b>SoundSmoothing™<sup>7)</sup></b>                           | 3         | 3       | 1          | on / off | —           |
| <b>Directional speech enhancement<sup>7)</sup></b>            | 3         | —       | —          | —        | —           |
| <b>Adaptive streaming volume<sup>7)</sup></b>                 | ●         | —       | —          | —        | —           |
| <b>SoundBrilliance™<sup>8)</sup></b>                          | ●         | ●       | —          | —        | —           |
| <b>Sound equalizer<sup>9)</sup></b>                           | 6         | 3       | —          | —        | —           |
| <b>Spatial Configurator<sup>4)</sup></b>                      | —         | —       | —          | —        | —           |
| <b>Span<sup>12)</sup></b>                                     | —         | —       | —          | —        | —           |
| <b>Direction<sup>12)</sup></b>                                | —         | —       | —          | —        | —           |
| <b>SoundBalance</b>                                           | ●         | ●       | ●          | ●        | ●           |
| <b>Fitting</b>                                                |           |         |            |          |             |
| <b>Insitugram</b>                                             | ●         | ●       | ●          | ●        | ●           |
| <b>Learning<sup>9)</sup> / Data logging</b>                   | 6 / ●     | 3 / ●   | 1 / ●      | — / ●    | — / ●       |
| <b>Acclimatization manager</b>                                | ●         | ●       | ●          | ●        | ●           |
| <b>Tinnitus</b>                                               |           |         |            |          |             |
| <b>Tinnitus noiser</b>                                        |           |         |            |          |             |
| <b>Static therapy signal<sup>2)</sup> 3)</b>                  | 20 / 5    | 16 / 5  | 12 / 5     | 4 / 1    | —           |
| <b>Ocean Waves therapy signal<sup>2)</sup></b>                | 4         | 4       | 4          | —        | —           |
| <b>Notch therapy</b>                                          | ●         | ●       | ●          | —        | —           |

# Insio primax | Features and Accessories

|                                   | ITE             |                | ITC             |                |
|-----------------------------------|-----------------|----------------|-----------------|----------------|
|                                   | 7px / 5px / 3px | 2px / 1px      | 7px / 5px / 3px | 2 px / 1px     |
| <b>Style Specific Features</b>    |                 |                |                 |                |
| Ingress Protection Rating         | —               | —              | —               | —              |
| Telecoil                          | ○               | ○              | ○               | ○              |
| AutoPhone™                        | ○               | —              | ○               | —              |
| Charging contacts                 | —               | —              | —               | —              |
| Battery Size                      | 13 / 312        | 13 / 312       | 312 / 10        | 312 / 10       |
| Battery door on/off function      | ●               | ●              | ●               | ●              |
| Nanocoated housing                | —               | —              | —               | —              |
| e2e wireless™ 3.0                 | ○               | ○              | ○               | ○              |
| Audio streaming                   | ○               | ○              | ○               | ○              |
| User controls coupling via e2e    | ○               | ○              | ○               | ○              |
| Wireless programming              | ○               | ○              | ○               | ○              |
| <b>Instrument configurations</b>  |                 |                |                 |                |
| Flat cover                        | —               | —              | —               | —              |
| Volume wheel                      | ○               | ○              | ○               | ○              |
| Push button                       | ○               | ○              | ○               | ○              |
| Rocker switch                     | —               | —              | —               | —              |
| Color conversion kit              | —               | —              | —               | —              |
| Battery door – direct audio input | —               | —              | —               | —              |
| Battery door – child lock         | —               | —              | —               | —              |
| Small earhook                     | —               | —              | —               | —              |
| <b>Programming Accessories</b>    |                 |                |                 |                |
| ConnexxAir, ConnexxLink™          | ●               | ●              | ●               | ●              |
| Programming adapter / cable       | Flex connector  | Flex connector | Flex connector  | Flex connector |
| <b>Accessories</b>                |                 |                |                 |                |
| miniPocket                        | ○               | ○              | ○               | ○              |
| CROS Pure                         | ○               | —              | ○               | —              |
| eCharger                          | —               | —              | —               | —              |
| easyPocket™                       | ○               | ○              | ○               | ○              |
| easyTek                           | ○               | ○              | ○               | ○              |
| TV Transmitter (req. easyTek)     | ○               | ○              | ○               | ○              |
| Transmitter (req. easyTek)        | ○               | ○              | ○               | ○              |
| VoiceLink™ (req. easyTek)         | ○               | ○              | ○               | ○              |
| <b>App</b>                        |                 |                |                 |                |
| easyTek App (req. easyTek)        | ○               | ○              | ○               | ○              |
| touchControl App                  | ○               | ○              | ○               | ○              |

● available ■■■■ highest feature performance ○ optional — not available

# Insio primax | Features and Accessories

|                                   | CIC             |                |
|-----------------------------------|-----------------|----------------|
|                                   | 7px / 5px / 3px | 2px / 1px      |
| <b>Style Specific Features</b>    |                 |                |
| Ingress Protection Rating         | —               | —              |
| Telecoil                          | —               | —              |
| AutoPhone™                        | —               | —              |
| Charging contacts                 | —               | —              |
| Battery Size                      | 10              | 10             |
| Battery door on/off function      | ●               | ●              |
| Nanocoated housing                | —               | —              |
| e2e wireless™ 3.0                 | ○               | ○              |
| Audio streaming                   | ○               | ○              |
| User controls coupling via e2e    | ○               | ○              |
| Wireless programming              | ○               | ○              |
| <b>Instrument configurations</b>  |                 |                |
| Flat cover                        | —               | —              |
| Volume wheel                      | —               | —              |
| Push button                       | ○               | ○              |
| Rocker switch                     | —               | —              |
| Color conversion kit              | —               | —              |
| Battery door – direct audio input | —               | —              |
| Battery door – child lock         | —               | —              |
| Small earhook                     | —               | —              |
| <b>Programming Accessories</b>    |                 |                |
| ConnexxAir, ConnexxLink™          | ●               | ●              |
| Programming adapter / cable       | Flex connector  | Flex connector |
| <b>Accessories</b>                |                 |                |
| miniPocket                        | ○               | ○              |
| CROS Pure                         | ○               | —              |
| eCharger                          | —               | —              |
| easyPocket™                       | ○               | ○              |
| easyTek                           | ○               | ○              |
| TV Transmitter (req. easyTek)     | ○               | ○              |
| Transmitter (req. easyTek)        | ○               | ○              |
| VoiceLink™ (req. easyTek)         | ○               | ○              |
| <b>App</b>                        |                 |                |
| easyTek App (req. easyTek)        | ○               | ○              |
| touchControl App                  | ○               | ○              |

● available ■■■■ highest feature performance ○ optional — not available

<sup>1)</sup> channels

<sup>2)</sup> handles

<sup>3)</sup> presets

<sup>4)</sup> req. bilateral fitting and e2e™ 3.0

<sup>5)</sup> req. CROS Mic

<sup>6)</sup> req. bilateral fitting, e2e 3.0™ and single mic instruments

<sup>7)</sup> steps

<sup>8)</sup> streaming only, req. easyTek

<sup>9)</sup> classes

<sup>10)</sup> iOS™ / Android™

<sup>11)</sup> req. e2e 3.0

<sup>12)</sup> req. easyTek & easyTek App or touchControl App

<sup>13)</sup> req. AutoPhone

<sup>14)</sup> req. directional microphone



[illegible]

# Abbreviations and Standards

## Abbreviations

The following abbreviations are used in this datasheet:

|        |                                                  |
|--------|--------------------------------------------------|
| OSPL   | Output Sound Pressure Level                      |
| HFA    | High Frequency Average                           |
| FOG    | Full-On Gain                                     |
| MASL   | Magneto Acoustical Sensitivity Level             |
| SPLITS | Coupler SPL for an Inductive Telephone Simulator |
| RSETS  | Relative Equivalent Telephone Sensitivity        |
| AI-DI  | Articulation Index - Directivity Index           |
| IRIL   | Input Related Interference Level                 |
| RTF    | Reference Test Frequency                         |

## Standards

- ▶ All measurements with the 2 ccm coupler were performed according to ANSI S3.22-2009 and IEC 60118-7:2005 if applicable.
- ▶ All measurements with an ear simulator were performed according to IEC 118-0/A1 and to DIN 45605 (frequency range) if applicable.
- ▶ Tinnitus noiser measurement conditions: all tinnitus single frequency sliders in max position, master volume slider in default position (0 dB) and local volume control in default position.
- ▶ Extended frequency range up to 12 kHz for 7px devices only.

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases and are subject to change without prior notice. The required features should therefore be specified in each individual case at the time of conclusion of the respective contract.

 **Legal Manufacturer**  
Signia GmbH  
Henri-Dunant-Strasse 100  
91058 Erlangen  
Germany  
Phone +49 9131 308 0

Order No. 02793-99T8-7600  
© 06.2019, Signia GmbH  
All rights reserved

[www.signia-hearing.com](http://www.signia-hearing.com)



### Warning

Choking hazard posed by small parts.

- ▶ This instrument is not intended for the fitting of infants, children under 3 years and persons of mental incapacity.



### Warning

Instrument has an output sound pressure level of 132 dB SPL or more.

Risk of impairing the residual hearing of the user.

- ▶ Take special care when fitting this instrument.