Adore™ ITC, ITE, CIC, IIC
# Adore ITE · Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>118/55</th>
<th>124/65</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Output sound pressure level</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>at 1.6 kHz</td>
<td>118 db SPL</td>
<td>124 db SPL</td>
</tr>
<tr>
<td>Peak</td>
<td>118 db SPL</td>
<td>124 db SPL</td>
</tr>
<tr>
<td>HFA-OSPL 90</td>
<td>112 db SPL</td>
<td>119 db SPL</td>
</tr>
<tr>
<td><strong>Gain</strong></td>
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<td></td>
</tr>
<tr>
<td>Full-on gain (FOG) at 1.6 kHz</td>
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<tr>
<td></td>
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<td>56 dB</td>
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<td>44 dB</td>
</tr>
<tr>
<td>Full-on gain (peak)</td>
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</tr>
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<td>65 dB</td>
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<td></td>
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<td></td>
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<td><strong>Frequency, noise and directivity</strong></td>
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<td>100-8200 Hz</td>
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<tr>
<td>Equivalent input noise</td>
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<td>21 dB SPL</td>
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<tr>
<td>Total harmonic distortion at 500 / 800 / 1600 / 3200 Hz</td>
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<tr>
<td>AI-DI</td>
<td>5.2 dB</td>
<td>5.2 dB</td>
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<tr>
<td><strong>Inductive coil sensitivity</strong></td>
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<tr>
<td>MASL (1 mA/m) at 1.6 kHz</td>
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<tr>
<td>HFA MASL (1 mA/m)</td>
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<tr>
<td>HFA SPLIT (left/right)</td>
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</tr>
<tr>
<td>RSET (left/right)</td>
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</tr>
<tr>
<td>HFA SPLIV</td>
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<tr>
<td><strong>Battery</strong></td>
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<tr>
<td>Battery voltage</td>
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<td>1.3 V</td>
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<tr>
<td>Battery current drain</td>
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<tr>
<td>Battery life (cell zinc air) Type 10</td>
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<td>Battery life (rechargeable)</td>
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<td>1400-2000 MHz (rating)</td>
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<td>800-950 MHz (rating)</td>
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<td>1600-2500 MHz (rating)</td>
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## Adore ITC · Technical Data

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<td>Type</td>
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<td>116 dB SPL</td>
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<td><strong>Gain</strong></td>
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<tr>
<td>HFA-FOG</td>
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<tr>
<td>Reference test gain</td>
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<td>41 dB</td>
<td>35 dB</td>
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<td><strong>Frequency, noise and directivity</strong></td>
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<td>Total harmonic distortion at 500 / 800 / 1600 / 3200 Hz</td>
<td>3 / 3 / 2 / 1 %</td>
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<td>AI-DI</td>
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<td><strong>Inductive coil sensitivity</strong></td>
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<td>MASL (1 mA/m) at 1.6 kHz</td>
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<td>HFA MASL (1 mA/m)</td>
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<tr>
<td>HFA SPLITS (left/right)</td>
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</tr>
<tr>
<td>RSETS (left/right)</td>
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<td>–</td>
</tr>
<tr>
<td>HFA SPLIV</td>
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<tr>
<td><strong>Battery</strong></td>
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<td>Battery voltage</td>
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<td>1.3 V</td>
<td>1.3 V</td>
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<tr>
<td>Battery current drain</td>
<td>1.3 mA</td>
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<tr>
<td>Battery life (cell zinc air) Type 10</td>
<td>~ 55 h</td>
<td>~ 55 h</td>
<td>~ 55 h</td>
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<tr>
<td>Battery life (rechargeable)</td>
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<td>2000-2700 MHz (rating)</td>
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<tr>
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<td>800-950 MHz (rating)</td>
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<td>1600-2500 MHz (rating)</td>
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## Adore IIC · Technical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>113/50</th>
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<tbody>
<tr>
<td><strong>Output sound pressure level</strong></td>
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<tr>
<td>at 1.6 kHz</td>
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<tr>
<td>Peak</td>
<td>116 dB SPL</td>
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<tr>
<td>HFA-Ospl 90</td>
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<td>Gain</td>
<td></td>
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<td>Full-on gain (FOG) at 1.6 kHz</td>
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<td>Full-on gain (peak)</td>
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<td>HFA-FOG</td>
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<td><strong>Gain</strong></td>
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<td>Frequency range</td>
<td>100-7900 Hz</td>
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<td>Equivalent input noise</td>
<td>21 dB SPL</td>
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<tr>
<td>Total harmonic distortion at 500 / 800 / 1600 / 3200 Hz</td>
<td>2 / 2 / 2 / 1%</td>
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<tr>
<td><strong>Inductive coil sensitivity</strong></td>
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<tr>
<td>MASL (1 mA/m) at 1.6 kHz</td>
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<tr>
<td>HFA MASL (1 mA/m)</td>
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<td>HFA SPLITs (left/right)</td>
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<td>RSETS (left/right)</td>
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<td>HFA SPLIV</td>
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<td><strong>Battery</strong></td>
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<tr>
<td>Battery voltage</td>
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<tr>
<td>1600-2500 MHz (rating)</td>
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</table>
Adore ITE · Basic Data

**2 ccm coupler**

- Output sound pressure level ($L_1 = 90$ dB)
- Full on gain ($L_1 = 50$ dB)
- Frequency response ($L_1 = 60$ dB)

**Ear simulator**

- Output sound pressure level ($L_1 = 90$ dB)
- Full on gain ($L_1 = 50$ dB)
- Basic acoustic response ($L_1 = 60$ dB)
Adore ITE · Basic Data

124/65

2 ccm coupler

Output sound pressure level ($L_I = 90$ dB)

Full on gain ($L_I = 50$ dB)

Frequency response ($L_I = 60$ dB)

Ear simulator

Output sound pressure level ($L_I = 90$ dB)

Full on gain ($L_I = 50$ dB)

Basic acoustic response ($L_I = 60$ dB)
Adore ITC · Basic Data

2 ccm coupler

Output sound pressure level
\(\ell_1 = 90\, \text{dB}\)

Full on gain
\(\ell_1 = 50\, \text{dB}\)

Frequency response
\(\ell_1 = 60\, \text{dB}\)

Ear simulator

Output sound pressure level
\(\ell_1 = 90\, \text{dB}\)

Full on gain
\(\ell_1 = 50\, \text{dB}\)

Basic acoustic response
\(\ell_1 = 60\, \text{dB}\)
Adore ITC · Basic Data

2 ccm coupler

Output sound pressure level ($L_i = 90 \text{ dB}$)

Full on gain ($L_i = 50 \text{ dB}$)

Frequency response ($L_i = 60 \text{ dB}$)

Ear simulator

Output sound pressure level ($L_i = 90 \text{ dB}$)

Full on gain ($L_i = 50 \text{ dB}$)

Basic acoustic response ($L_i = 60 \text{ dB}$)
Adore ITC · Basic Data

124/65

2 ccm coupler

Output sound pressure level
($L_i = 90$ dB)

Full on gain
($L_i = 50$ dB)

Frequency response
($L_i = 60$ dB)

Ear simulator

Output sound pressure level
($L_i = 90$ dB)

Full on gain
($L_i = 50$ dB)

Basic acoustic response
($L_i = 60$ dB)
Adore CIC · Basic Data

2 ccm coupler

Output sound pressure level
(I, = 90 dB)

Full on gain
(I, = 50 dB)

Frequency response
(I, = 60 dB)

Ear simulator

Output sound pressure level
(I, = 90 dB)

Full on gain
(I, = 50 dB)

Basic acoustic response
(I, = 60 dB)
Adore CIC - Basic Data

2 ccm coupler

Output sound pressure level
($L_I = 90$ dB)

Full on gain
($L_I = 50$ dB)

Frequency response
($L_I = 60$ dB)

Ear simulator

Output sound pressure level
($L_I = 90$ dB)

Full on gain
($L_I = 50$ dB)

Basic acoustic response
($L_I = 60$ dB)
Adore CIC · Basic Data

2 ccm coupler

Output sound pressure level
\( (L_1 = 90 \text{ dB}) \)

Full on gain
\( (L_1 = 50 \text{ dB}) \)

Frequency response
\( (L_1 = 60 \text{ dB}) \)

Ear simulator

Output sound pressure level
\( (L_1 = 90 \text{ dB}) \)

Full on gain
\( (L_1 = 50 \text{ dB}) \)

Basic acoustic response
\( (L_1 = 60 \text{ dB}) \)
Adore IIC - Basic Data

113/50

2 ccm coupler

Output sound pressure level
\(L_2 = 90\) dB

Full on gain
\(L_2 = 50\) dB

Frequency response
\(L_2 = 60\) dB

Ear simulator

Output sound pressure level
\(L_2 = 90\) dB

Full on gain
\(L_2 = 50\) dB

Basic acoustic response
\(L_2 = 60\) dB
| Adore ITE / ITC · Features and Accessories |

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<th><strong>MyCore Platform</strong></th>
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<td>Hearing programs</td>
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<td>Direct Audio Streaming ¹ / Made for iPhone</td>
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<td>My Voice</td>
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<td>Wireless Sync ²</td>
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<td>Volume and program control coupling ²</td>
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<td>Stereo iLock ²</td>
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<tr>
<th><strong>MyCore Sound Quality and Comfort</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynamic Extender</td>
<td></td>
</tr>
<tr>
<td>Auto Volume ³</td>
<td></td>
</tr>
<tr>
<td>Microphone-pattern adjustment ³ ⁴</td>
<td></td>
</tr>
<tr>
<td>Reverb Reducer</td>
<td></td>
</tr>
<tr>
<td>Music Enhancer</td>
<td></td>
</tr>
<tr>
<td>iOmmi (pinna effect compensation)</td>
<td>–</td>
</tr>
<tr>
<td>Sound Smoothing</td>
<td></td>
</tr>
<tr>
<td>Intelligent Wind Noise Cancellation ²</td>
<td></td>
</tr>
<tr>
<td>Noise Management</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th><strong>MyCore Automatic Optimization</strong></th>
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</tr>
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<tbody>
<tr>
<td>Smart Automatic Equalizer</td>
<td></td>
</tr>
<tr>
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</tr>
<tr>
<td>Automatic Classifier</td>
<td></td>
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</tr>
</tbody>
</table>

¹ Apple iPhones 5 and later  
² Bilateral fitting required  
³ Streaming only  
⁴ requires Connexx Smart Direct App
## Adore CIC / IIC: Features and Accessories

<table>
<thead>
<tr>
<th>MyCore Platform</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Signal processing (channels) / Gain/MPO (handles)</td>
<td>48 / 20</td>
</tr>
<tr>
<td>Hearing programs</td>
<td>6</td>
</tr>
<tr>
<td>Direct Audio Streaming / Made for iPhone</td>
<td>–</td>
</tr>
<tr>
<td>My Voice</td>
<td>–</td>
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<tr>
<td>Wireless Sync&lt;sup&gt;21&lt;/sup&gt;</td>
<td>●</td>
</tr>
<tr>
<td>Volume and program control coupling&lt;sup&gt;21&lt;/sup&gt;</td>
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<table>
<thead>
<tr>
<th>MyCore Speech</th>
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</thead>
<tbody>
<tr>
<td>HD Bandwidth (up to 10 kHz)</td>
<td>●</td>
</tr>
<tr>
<td>Auto iFocus 360/iFocus 360&lt;sup&gt;21&lt;/sup&gt;</td>
<td>–</td>
</tr>
<tr>
<td>HD Directionality&lt;sup&gt;21&lt;/sup&gt;</td>
<td>●</td>
</tr>
<tr>
<td>Single Microphone Directionality&lt;sup&gt;21&lt;/sup&gt;</td>
<td>●</td>
</tr>
<tr>
<td>Voice Ranger</td>
<td>●</td>
</tr>
<tr>
<td>XPhone&lt;sup&gt;21&lt;/sup&gt;</td>
<td>●</td>
</tr>
<tr>
<td>Automatic Directional Microphone&lt;sup&gt;21&lt;/sup&gt;</td>
<td>●</td>
</tr>
<tr>
<td>Multichannel Adaptive Directional Microphone&lt;sup&gt;21&lt;/sup&gt;</td>
<td>●</td>
</tr>
<tr>
<td>Fixed Directional Microphone</td>
<td>–</td>
</tr>
<tr>
<td>Bandwidth Compression</td>
<td>●</td>
</tr>
<tr>
<td>Intelligent Feedback Preventer</td>
<td>●</td>
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<td>Reverb Reducer</td>
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<sup>1</sup> Apple iPhones 5 and later
<sup>2</sup> Bilateral fitting required
<sup>3</sup> Streaming only
<sup>4</sup> requires Connexx Smart Direct App
## Adore - Features and Accessories

<table>
<thead>
<tr>
<th>Style specific features</th>
<th>ITE / ITC</th>
<th>CIC</th>
<th>IIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery Size</td>
<td>312</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>Battery door on/off function</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Wireless programming</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

### Instrument configurations

<table>
<thead>
<tr>
<th></th>
<th>ITE / ITC</th>
<th>CIC</th>
<th>IIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotary volume control</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Push button*</td>
<td>●</td>
<td>●</td>
<td>–</td>
</tr>
<tr>
<td>Telecoil</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

### Programming accessories

<table>
<thead>
<tr>
<th></th>
<th>ITE / ITC</th>
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<th>IIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ConnexxAir / ConnexxLink</td>
<td>– / –</td>
<td>● / –</td>
<td>● / –</td>
</tr>
<tr>
<td>Noahlink Wireless</td>
<td>●</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>HiPro USB / cable</td>
<td>● / Flex connector</td>
<td>● / Flex connector</td>
<td>–</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th></th>
<th>ITE / ITC</th>
<th>CIC</th>
<th>IIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connexx Smart Key</td>
<td>–</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Connexx Smart Transmitter 2,4</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Connexx Smart Mic</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

### Apps

<table>
<thead>
<tr>
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<th>ITE / ITC</th>
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<th>IIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connexx Smart Direct App</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Connexx Smart Remote App</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

- ● available
- ○ optional
- – not available

*Integrated in battery door
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.

### Abbreviations

The following abbreviations are used in this datasheet:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>OSPL</td>
<td>Output Sound Pressure Level</td>
</tr>
<tr>
<td>HFA</td>
<td>High Frequency Average</td>
</tr>
<tr>
<td>FOG</td>
<td>Full-On Gain</td>
</tr>
<tr>
<td>MASL</td>
<td>Magneto Acoustical Sensitivity Level</td>
</tr>
<tr>
<td>SPLITS</td>
<td>Coupler SPL for an Inductive Telephone Simulator</td>
</tr>
<tr>
<td>RSETS</td>
<td>Relative Equivalent Telephone Sensitivity</td>
</tr>
<tr>
<td>SPLIV</td>
<td>SPL In a Vertical magnetic field</td>
</tr>
<tr>
<td>AI-DI</td>
<td>Articulation Index - Directivity Index</td>
</tr>
<tr>
<td>IRL</td>
<td>Input Related Interference Level</td>
</tr>
<tr>
<td>RTF</td>
<td>Reference Test Frequency</td>
</tr>
</tbody>
</table>

### Standards

- All measurements with the 2 ccm coupler were performed according to ANSI S3.22-2014 and IEC 60118-0:2015 if applicable.
- All measurements with an ear simulator were performed according to IEC 118-0/A1:1994 and to DIN 45605 (frequency range) if applicable.
- Curves and figures representing FOG are measured with 20 dB reduction and 70 dB SPL input level.
- Figures representing Equivalent Input Noise incorporate a moderate expansion.
- The current consumption is measured in reference test setting [RTS] according to the applicable standards. Due to the settling behaviour of hearing instruments supporting RF [radio frequency], the battery current is measured 3 minutes after turning on [note: no pairing].
- The battery life is based on first fit settings using 60% of the fitting range and an ISTS [International Speech Test Signal] input signal at 65 dB SPL [note: pairing established]. The actual battery life is determined by battery quality, hearing loss, sound environment, usage and activated feature set.

"Made for iPod", "Made for iPhone", and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

**WARNING**

Choking hazard posed by small parts.

This instrument is not intended for the fitting of infants, children under 3 years or 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.