**Product Description**

Model 77 Behind-the-Ear (BTE) hearing aids support closed and open configurations.

The ReSound Smart Range C platform enables Surround Sound by ReSound.

This 5th generation, 2.4 GHz wireless product utilizes the Smart Range C platform for secure cloud connectivity, bringing an entirely new level to the relationship between hearing care professionals and their patients, called ReSound Assist. These Made for iPhone hearing aids also feature ear-to-ear communication along with a direct connection to the ReSound Smart 3D app.

ReSound LiNX 3D also supports the full line of ReSound wireless accessories.

The 77 BTE model comes standard with Push Button, Volume Control, Telecoil, and Direct Audio Input (DAI) functionality.

The ReSound LiNX 3D BTE hearing aids are iSolate™ nanotech coated for optimum durability and meet the IP58 classification for ingress protection.

---

### Fitting Range

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>250</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
<th>4000</th>
<th>8000</th>
</tr>
</thead>
<tbody>
<tr>
<td>dB HL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Closed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Device Configurations

<table>
<thead>
<tr>
<th>Model</th>
<th>LT77-DW</th>
<th>LT77-DWT</th>
<th>LT77-DW</th>
<th>LT77-DWT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery size</td>
<td>13</td>
<td>13</td>
<td>13</td>
<td>13</td>
</tr>
</tbody>
</table>

### Technical Features

- **Model Complexity**: 17
- **WARP Compression (WDRC)**: 17
- **Binaural Directionality II**: 14
- **Spatial Sense**: 14
- **Binaural Directionality**: 12
- **Natural Directionality**: 12
- **Directional Mix Processor**: 12
- **Adjustable Directional Mix**: 12
- **Synchronized Soft Switching**: 12
- **Soft Switching**: 12
- **Autoscope Adaptive Directionality**: 12
- **MultiScope Adaptive Directionality**: 12
- **Adaptive Directionality**: 12
- **Binaural Environmental Optimizer II**: 12
- **Environmental Optimizer**: 12
- **Noise Tracker II**: 12
- **Expansion**: 12
- **Wind Guard**: 12
- **Sound Shaper**: 12
- **DIS Ultra II**: 12
- **Mode**: 12
- **Synchronized Acceptance Manager**: 12
- **Tinnitus Sound Generator**: 12

### Functional Features

- **Synchronized Push Button**: 12
- **Synchronized Volume Control**: 12
- **Smart Start**: 12
- **Phone Now**: 12
- **Comfort Phone**: 12
- **Ear to Ear Communication**: 12
- **Hearing aid streaming (Made for iPhone)**: 12
- **ReSound TV De-emphasizer 2, Remote Control 2, Phone Clips+ Micro Mic and Multi Mic**: 12
- **ReSound Control™ app**: 12
- **ReSound Smart 3D™ app**: 12
- **ReSound Assist**: 12
- **Synchronized Push Button**: 12
- **Synchronized Volume Control**: 12
- **Ear to Ear Communication**: 12
- **Synchronized Push Button**: 12
- **Synchronized Volume Control**: 12
- **Ear to Ear Communication**: 12
- **Remote Hearing Aid Updates**: 12

### Fitting Features

- **ReSound Smart Fit™ 1.0 or higher**: 12
- **Fully Flexible Programs**: 12
- **Auto DFS**: 12
- **Datalogging (Onboard Analyzer II)**: 12
- **Wireless Fitting with Airlink™ 2**: 12
- **ReSound TV Streamer II**: 12
- **Remote Hearing Aid Updates**: 12
- **ReSound Government Services**: 12

---

ReSound LiNX 3D is compatible with iPhone 7 Plus, iPhone 7, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPad Pro (12.9-inch), iPad Pro (11-inch), iPad Air 2, iPad Air, iPad mini 4, iPad mini 3, iPad mini 2, iPad mini, iPad (6th generation), iPod touch (7th generation) using iOS 8.1.3 or later, iPod touch (6th generation), iPod touch (5th generation). Made for iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Android is a trademark of Google Inc.
Technical Specifications

<table>
<thead>
<tr>
<th>Reference test gain (60 dB SPL input)</th>
<th>1600 Hz/HFA</th>
<th>45</th>
<th>38 dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-on gain (50 dB SPL input)</td>
<td>Max</td>
<td>62</td>
<td>51 dB</td>
</tr>
<tr>
<td>Maximum output (90 dB SPL input)</td>
<td>Max</td>
<td>131</td>
<td>127 dB SPL</td>
</tr>
<tr>
<td>Equivalent input noise</td>
<td>25</td>
<td>22 dB SPL</td>
<td></td>
</tr>
<tr>
<td>Full-on telecoil sensitivity @ 1mA/m</td>
<td>HFA 1600 Hz</td>
<td>54</td>
<td>52.2 %</td>
</tr>
<tr>
<td>HFA - SPLIV @ 31.6 mA/m (ANSI)</td>
<td>HFA 1600 Hz</td>
<td>121</td>
<td>116 dB SPL</td>
</tr>
<tr>
<td>Telecoil sensitivity (1 mA/m input)</td>
<td>Max</td>
<td>94</td>
<td>100 dB SPL</td>
</tr>
<tr>
<td>Total harmonic distortion</td>
<td>1600 Hz</td>
<td>0.5</td>
<td>0.2 %</td>
</tr>
<tr>
<td>Frequency range (DIN 45605/ANSI)</td>
<td>1600 Hz</td>
<td>0.9</td>
<td>0.6 %</td>
</tr>
<tr>
<td>Current drain</td>
<td>1.2</td>
<td>1.2 mA</td>
<td></td>
</tr>
</tbody>
</table>

Notes:
- O.E.S. = Occluded Ear Simulator
- 2cc = 2 cm³ coupler
- % = Acoustic input signal

Data in accordance with IEC60118-0 Edition 3.0 2015-06, IEC60118-7 and ANSI S3.22-2009. Supply voltage 1.3V.

Specifications are subject to change without notice.

Technical Specifications

<table>
<thead>
<tr>
<th>Reference test gain (60 dB SPL input)</th>
<th>1600 Hz/HFA</th>
<th>48</th>
<th>43 dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-on gain (50 dB SPL input)</td>
<td>Max</td>
<td>66</td>
<td>57 dB</td>
</tr>
<tr>
<td>Maximum output (90 dB SPL input)</td>
<td>Max</td>
<td>134</td>
<td>124 dB SPL</td>
</tr>
<tr>
<td>Total harmonic distortion</td>
<td>1600 Hz</td>
<td>0.4</td>
<td>0.4 %</td>
</tr>
<tr>
<td>Equivalent input noise</td>
<td>25</td>
<td>20 dB SPL</td>
<td></td>
</tr>
<tr>
<td>Frequency range (DIN 45605/ANSI)</td>
<td>100-6640</td>
<td>100-6640 dB</td>
<td></td>
</tr>
<tr>
<td>Current drain</td>
<td>1.2</td>
<td>1.2 mA</td>
<td></td>
</tr>
</tbody>
</table>

Notes:
- O.E.S. = Occluded Ear Simulator
- 2cc = 2 cm³ coupler
- % = Acoustic input signal

Data in accordance with IEC60118-0 Edition 3.0 2015-06, IEC60118-7 and ANSI S3.22-2009. Supply voltage 1.3V.

Specifications are subject to change without notice.