**Product Description**

Model 77 Behind-the-Ear (BTE) hearing instruments support open or closed configurations.

ReSound’s SmartRange™ dual processing platform enables Surround Sound by ReSound™ sound quality. The 3rd generation 2.4 GHz wireless functionality of the SmartRange platform features Bluetooth® 4.0, allowing the hearing instruments to communicate with each other and to connect to iPhone®, iPad® and iPod touch®. ReSound LiNX² also supports ReSound’s full line of ReSound Unitie™ accessories. The 77 model features telecoil and Direct Audio Input (DAI).

All ReSound LiNX² BTE hearing instruments are iSolatie™ nanotech-coated for optimum durability.

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### Table: Model Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>LS77-DWT</th>
<th>LS777-DWT</th>
<th>LS577-DWT</th>
<th>LS977-DWT</th>
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<tr>
<td><strong>Device Features</strong></td>
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<td>Battery size</td>
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<td>Fully flexible programs</td>
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<td>SmartStart™</td>
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<td>Ear-to-Ear communication</td>
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<td>Direct audio streaming (Made for iPhone)</td>
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<td>ReSound Link™ TV Streamer 2, Remote Control 2, Phone Clip+, Mini Microphone</td>
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<td>ReSound Control™ app (Phone Clip+ required)</td>
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<td>ReSound Smart™ app</td>
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<td><strong>Audiological Features</strong></td>
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<td>WARP compression - number of channels</td>
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<td>-Adjustable directional/mix</td>
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<td>Synchronized Acceptance Manager</td>
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<td><strong>Fitting Features</strong></td>
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<td>Hearing aids Avanti 3.8 or higher</td>
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<td>In-Ear Analyzer™ II</td>
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### Technical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>LS77-DW</th>
<th>LS77-DW</th>
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</thead>
<tbody>
<tr>
<td>Reference test gain (60 dB SPL input)</td>
<td>1600 Hz/HFA 45 43 dB</td>
<td>1600 Hz/HFA 48 46 dB</td>
<td>1600 Hz/HFA 44 42 dB</td>
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<tr>
<td>Full-on gain (50 dB SPL input)</td>
<td>Max. 62 51 dB</td>
<td>Max. 54 48 dB</td>
<td>Max. 52 45 dB</td>
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<tr>
<td>Maximum output (90 dB SPL input)</td>
<td>1600 Hz/HFA 131 121 dB SPL</td>
<td>1600 Hz/HFA 124 114 dB SPL</td>
<td>1600 Hz/HFA 123 113 dB SPL</td>
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<tr>
<td>Total harmonic distortion</td>
<td>500 Hz 0.5 0.2 0%</td>
<td>800 Hz 0.5 0.2 %</td>
<td>1600 Hz 0.9 0.6 %</td>
</tr>
<tr>
<td>Telecoil sensitivity (1 mA/m input)</td>
<td>Max. 94 84 dB SPL</td>
<td>Max. 100 90 dB SPL</td>
<td>Max. 100 90 dB SPL</td>
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<tr>
<td>Full-on telecoil sensitivity @ 1mA/m</td>
<td>1600 Hz/HFA 87 77 dB SPL</td>
<td>1600 Hz/HFA 85 75 dB SPL</td>
<td>1600 Hz/HFA 84 74 dB SPL</td>
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<tr>
<td>Equivalent input noise</td>
<td>25 22 dB SPL</td>
<td>25 22 dB SPL</td>
<td>25 22 dB SPL</td>
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<tr>
<td>Frequency range (DIN 45605/ANSI)</td>
<td>100-6000 Hz 100-6000 Hz</td>
<td>100-6000 Hz 100-6000 Hz</td>
<td>100-6000 Hz 100-6000 Hz</td>
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<tr>
<td>Current drain (Test mode)</td>
<td>1.2 mA</td>
<td>1.2 mA</td>
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</table>

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

Measured according to IEC 60 118-0:1983, amendment 1994: at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC 711 1981, resp on 2cc according to IEC 60 118-7 2nd edition 2005 and ANSI S3.22–2009 (HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz. 0 dB SPL sound pressure equals 20μPa). All measurements without DSP features activated unless indicated otherwise.