livio Edge\textsuperscript{AI}

Next-generation sound

never before possible

Powerful rechargeability
Introducing the world’s first
2.4 GHz custom rechargeables
Award-winning technology

Livio Edge AI is built on the revolutionary technology recognized as one of Time Magazine’s 100 Best Inventions of 2019.

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Game-changing sound with Edge Mode

**Instant optimized adjustments**

As a hearing professional you know it’s just not possible to prepare a patient for every scenario. Livio Edge AI with Edge Mode changes that.

With just a double tap, Edge Mode instantly conducts an AI-based analysis of the listening environment and makes smart, immediate adjustments.

Livio Edge AI combines the best of both worlds: an industry-leading sound platform for everyday situations and next-generation sound processing for uniquely challenging environments.

This advanced, on-demand performance is only possible with Starkey Livio Edge AI hearing aids.
Introducing Hearing Reality Pro

With Hearing Reality, we propelled the science behind superior sound processing forward.

Hearing Reality Pro pushes our industry-leading platform even further. Harnessing the game-changing capabilities of the most advanced AI engine possible in modern hearing aids, Hearing Reality Pro powers listening experiences with the most sophisticated set of tools possible.

Patients are able to enjoy the refined noise management of Hearing Reality, plus the breakthrough enhancements that are only available through on-board, edge AI.
Two powerful apps that work together

 סיפור

 Better than ever

 Fully updated for improved usability and overall performance.

 We’re excited to introduce a number of improvements to the usability and performance of the Thrive Hearing Control app making it more reliable, more streamlined and easier to use.

 NEW

 Peace of mind

 Easy information sharing helps caregivers worry less.

 With Thrive Care, patients can share helpful Thrive app information such as physical activity, hearing aid usage and social engagement with select family, friends or care team members.*

 *Exclusive to Livio Edge AI hearing aids.
 These apps may have slight differences depending on your phone.
thrive

No other hearing aid puts powerful, easy-to-use information features at patients’ fingertips like Livio Edge AI.

**Thrive Assistant**

Patients use voice commands to get answers to questions, set reminders and control their hearing aids.

**Reminders**

Patients get in-ear and on-screen notifications for tasks like taking medications.

**Auto On/Off**

Livio Edge AI detects when users put their hearing aids in and take them out, saving battery life.

**Translate**

Patients instantly hear speech translated into their language right in their hearing aids.
The world’s first 2.4 GHz custom rechargeables

Personalized power

With our expanded 2.4 GHz product portfolio you can provide convenient rechargeable solutions to even more patients. We’ve added two new custom rechargeable hearing aids (ITC/HS and ITE).

Our new charger fits all custom rechargeable hearing aids and provides up to 24 hours of power in a single charge.
Ever-increasing evidence shows treatment of hearing loss with hearing aids can improve or limit some serious health issues such as cognitive decline and dementia. In fact, a 2017 study revealed that treating hearing loss is the single greatest change a person can make to lower their risk for dementia.¹


“With edge AI, Starkey delivers next-generation sound processing capability by harnessing the most advanced artificial intelligence technology possible in a modern hearing aid. Livio Edge AI provides instant benefits to patients in the most challenging listening environments. This pushes our industry-leading platform even further.”

Achin Bhowmik, Ph.D.
Chief Technology Officer and Executive Vice President of Engineering
Livio Edge AI delivers the most advanced artificial intelligence technology possible in modern hearing aids, providing patients with smart, immediate adjustments for the most challenging environments. It’s built on our award-winning Livio AI technology, which is now available across multiple technology tiers so more patients can benefit from the power of AI.

Livio hearing aids are a great option for patients who are not looking for AI capabilities but still want superior sound and other advanced features like Self Check and Reminders.
**ITE R**
IN-THE-EAR RECHARGEABLE

**Livio Edge Al 2400**

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- Lithium-Ion Rechargeable
- Telecoil

**Accessories**
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Custom Charger
- Programmer

**Color Guide**

**Fitting Range**

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

**ITE R Gain Data**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
</tr>
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<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>115-130</td>
<td>126-139</td>
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<tr>
<td>HFA OSPL90 (dB SPL)</td>
<td>110-123</td>
<td>N/A</td>
</tr>
<tr>
<td>RTF OSPL90 (dB SPL)</td>
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<tr>
<td>Peak Gain (dB)</td>
<td>50-70</td>
<td>62-80</td>
</tr>
<tr>
<td>HFA Full-On Gain (dB)</td>
<td>45-64</td>
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</tr>
<tr>
<td>RTF Full-On Gain (dB)</td>
<td>N/A</td>
<td>55-78</td>
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<tr>
<td>Frequency Range (Hz)</td>
<td>&lt;100-8300</td>
<td>&lt;100-9000</td>
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<tr>
<td>Reference Test Freq. (kHz)</td>
<td>N/A</td>
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<tr>
<td>HFA Frequencies (kHz)</td>
<td>1.0, 1.6, 2.5</td>
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<tr>
<td>Reference Test Gain (dB)</td>
<td>32-46</td>
<td>45-64</td>
</tr>
<tr>
<td>Equivalent Input Noise (dB)</td>
<td>&lt;25</td>
<td>&lt;25</td>
</tr>
<tr>
<td>Harmonic Distortion</td>
<td>&lt;3</td>
<td>&lt;3</td>
</tr>
</tbody>
</table>

**Induction Coil Sensitivity**

| HFA SPLITS (ANSI) (dB SPL)         | 95-108               | N/A             |
| MASL (IEC) (dB SPL)                | 78-96                | N/A             |

**Estimated Lithium-Ion Battery Life**

| Li-Ion Rechargeable Battery (hrs)  | Up to 24 hours*     |

**Tinnitus Therapy Stimulus**

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

*Results will vary based on wireless usage.*
HS R
HALF SHELL RECHARGEABLE

Livio Edge AI 2400

Color Guide
Faceplate Colors
- Dark Brown
- Chestnut
- Medium Brown
- Light Brown
- Pink
- Black
- Shell Colors
- Clear
- Light Green
- Pink
- Blue/Red
- Black

Patient Features
- Tinnitus Technology
- Wireless Connectivity
- Lithium-Ion Rechargeable

Accessories
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Custom Charger
- Programmer

Fitting Range

Thrive Technology
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

HS R Gain Data

Measurement | ANSI/IEC 2cc Coupler | IEC OES Coupler
--- | --- | ---
Peak OSPL90 (dB SPL) | 110-130 | 121-139
HFA OSPL90 (dB SPL) | 106-124 | N/A
RTF OSPL90 (dB SPL) | N/A | 115-139
Peak Gain (dB) | 40-70 | 53-79
HFA Full-On Gain (dB) | 36-63 | N/A
RTF Full-On Gain (dB) | N/A | 46-78
Frequency Range (Hz) | <100-9600 | <100-9600
Reference Test Freq. (kHz) | N/A | 1.6
HFA Frequencies (kHz) | 1.0,1.6,2.5 | N/A
Reference Test Gain (dB) | 28-47 | 39-64
Equivalent Input Noise (dB) | <25 | <25

Harmonic Distortion
- 500 Hz (%) | <3 | <3
- 800 Hz (%) | <3 | <3
- 1600 Hz (%) | <3 | <3

Estimated Lithium-Ion Battery Life
Li-Ion Rechargeable Battery (hrs): Up to 24 hours*

Tinnitus Therapy Stimulus
Max RMS Output (dB SPL): 87
Weighted RMS Output Level (dB SPL): 87
Max 1/3 Octave Output (dB SPL): 87

*Results will vary based on wireless usage.
**ITC R**
IN-THE-CANAL RECHARGEABLE
Livio Edge AI 2400

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- Lithium-Ion Rechargeable

**Accessories**
- TV
- Remote Microphone + Remote
- Mini Remote Microphone
- Table Microphone
- Custom Charger
- Programmer

**Faceplate Colors**
- Dark Brown
- Chestnut Brown
- Medium Brown
- Light Brown
- Pink
- Black

**Shell Colors**
- Clear
- Light Brown
- Pink
- Blush/Ted
- Black

**Fitting Range**

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

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<td>36-63</td>
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<td>RTF Full-On Gain (dB)</td>
<td>N/A</td>
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<tr>
<td>Frequency Range (Hz)</td>
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<td>Reference Test Gain (dB)</td>
<td>28-47</td>
<td>39-64</td>
</tr>
<tr>
<td>Equivalent Input Noise (dB)</td>
<td>&lt;25</td>
<td>&lt;25</td>
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</tbody>
</table>

**Harmonic Distortion**
- 500 Hz (%) <3
- 800 Hz (%) <3
- 1600 Hz (%) <3

**Estimated Lithium-Ion Battery Life**
Li-Ion Rechargeable Battery (hrs) Up to 24 hours

**Tinnitus Therapy Stimulus**
- Max RMS Output (dB SPL) 87
- Weighted RMS Output Level (dB SPL) 87
- Max 1/3 Octave Output (dB SPL) 87

*Results will vary based on wireless usage.
RIC
RECEIVER-IN-CANAL RECHARGEABLE
Livio Edge AI 2400

Color Guide
Standard Colors
- Bright White
- Black
- Slate
- Sterling
- Espresso
- Bronze
- Champagne

Patient Features
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Lithium-Ion Rechargeable
- Telecoil
- Dual Radio (2.4 GHz + NFMI)
- Ear-to-Ear Streaming

Accessories
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Standard Charger
- Mini Turbo Charger
- Programmer

Fitting Range

Thrive Technology
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

Patient Features

Measurement | ANSI/IEC 2cc Coupler | IEC DES Coupler | ANSI/IEC 2cc Coupler | IEC DES Coupler | ANSI/IEC 2cc Coupler | IEC DES Coupler |
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<thead>
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<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>107</td>
<td>120</td>
<td>115</td>
<td>127</td>
<td>120</td>
<td>131</td>
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<td>HFA OSPL90 (dB SPL)</td>
<td>102</td>
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<td>109</td>
<td>N/A</td>
<td>117</td>
<td>N/A</td>
</tr>
<tr>
<td>RTF OSPL90 (dB SPL)</td>
<td>112</td>
<td>N/A</td>
<td>119</td>
<td>N/A</td>
<td>127</td>
<td>N/A</td>
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<tr>
<td>Peak Gain (dB)</td>
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<td>52</td>
<td>50</td>
<td>63</td>
<td>60</td>
<td>71</td>
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<td>HFA Full-On Gain (dB)</td>
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<td>45</td>
<td>N/A</td>
<td>56</td>
<td>N/A</td>
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<tr>
<td>RTF Full-On Gain (dB)</td>
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<td>43</td>
<td>N/A</td>
<td>55</td>
<td>N/A</td>
<td>65</td>
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</table>

Measurement | ANSI/IEC 2cc Coupler | IEC DES Coupler | ANSI/IEC 2cc Coupler | IEC DES Coupler | ANSI/IEC 2cc Coupler | IEC DES Coupler |
<table>
<thead>
<tr>
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<tr>
<td>Reference Test Frequencies (kHz)</td>
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<td>1.6</td>
<td>N/A</td>
<td>1.6</td>
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<td>10.1, 16.25</td>
<td>N/A</td>
<td>10.1, 16.25</td>
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<tr>
<td>Reference Test Gain (dB)</td>
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<td>44</td>
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<td>52</td>
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<td>Equivalent Input Noise (dB)</td>
<td>26</td>
<td>26</td>
<td>26</td>
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Harmonic Distortion

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>500 Hz (%)</th>
<th>1000 Hz (%)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>&lt;3</td>
<td>&lt;3</td>
</tr>
</tbody>
</table>

Battery Size: Encased 312
**RIC R AP**  
**RECEIVER-IN-CANAL RECHARGEABLE**  
**Livio Edge AI 2400**

**Color Guide**
- Standard Colors
  - Bright White with Sterling
  - Black
  - Slate
  - Sterling
  - Expresso
  - Bronze
  - Champagne

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Lithium-Ion Rechargeable
- Telecoil
- Dual Radio (2.4 GHz + NFMI)
- Ear-to-Ear Streaming

**Accessories**
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Standard Charger
- Mini Turbo Charger
- Programmer

**Fitting Range**

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

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### Measurement

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<td>Peak OSPL90 (dB SPL)</td>
<td>123</td>
<td>133</td>
<td>130</td>
<td>140</td>
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<td>HFA OSPL90 (dB SPL)</td>
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<td>N/A</td>
<td>124</td>
<td>N/A</td>
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<tr>
<td>RTF OSPL90 (dB SPL)</td>
<td>N/A</td>
<td>130</td>
<td>N/A</td>
<td>139</td>
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<tr>
<td>Peak Gain (dB)</td>
<td>60</td>
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<td>81</td>
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<td>HFA Full-On Gain (dB)</td>
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<td>RTF Full-On Gain (dB)</td>
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<td>Reference Test Gain (dB)</td>
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<td>64</td>
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<td>Equivalent Input Noise (dB)</td>
<td>26</td>
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**Harmonic Distortion**
- 500 Hz (%) <3
- 800 Hz (%) <3
- 1600 Hz (%) <3

---

**Measurement**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<tr>
<td>Induction Coil Sensitivity</td>
<td>HFA SPLITS (ANSI) (dB SPL)</td>
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<td>MASL (IEC) (dB SPL)</td>
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<td>N/A</td>
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<tr>
<td>Estimated Lithium-Ion Battery Life</td>
<td>Li-ion Rechargeable Battery (hrs)</td>
<td>Up to 24 hours*</td>
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<tr>
<td>Tinnitus Therapy Stimulus</td>
<td>Max RMS Output (dB SPL)</td>
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<tr>
<td>Weighted RMS Output Level (dB SPL)</td>
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<td>87</td>
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<tr>
<td>Max 1/3 Octave Output (dB SPL)</td>
<td>87</td>
<td></td>
<td>87</td>
<td></td>
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</tbody>
</table>

*Results will vary based on wireless usage.

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Livio Edge AI
**RIC 312**
**RECEIVER-IN-CANAL**

Livio Edge AI 2400

**Color Guide**

Standard Colors
- Bright White
- Black
- Slate
- Sterling
- Espresso
- Bronze
- Champagne

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Dual Radio (2.4 GHz + NFMI)
  - Ear-to-Ear Streaming

**Accessories**
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

**Fitting Range**

![](chart.png)

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

**Measurement**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>40 Gain Data</th>
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<td>HFA OSPL90 (dB SPL)</td>
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<td>RTF OSPL90 (dB SPL)</td>
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<td>112</td>
<td>N/A</td>
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<tr>
<td>Peak Gain (dB)</td>
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<td>50</td>
</tr>
<tr>
<td>HFA Full-On Gain (dB)</td>
<td>35</td>
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<td>45</td>
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<tr>
<td>RTF Full-On Gain (dB)</td>
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<td>Reference Test Freq. (kHz)</td>
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<td>Equiv. Input Noise (dB)</td>
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<tr>
<td>Harmonic Distortion 500 Hz (%)</td>
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<td>&lt;3</td>
<td>&lt;3</td>
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<tr>
<td>Harmonic Distortion 800 Hz (%)</td>
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<td>&lt;3</td>
<td>&lt;3</td>
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<tr>
<td>Harmonic Distortion 1000 Hz (%)</td>
<td>&lt;3</td>
<td>&lt;3</td>
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**Patient Features**

- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Dual Radio (2.4 GHz + NFMI)
  - Ear-to-Ear Streaming

**Accessories**
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

**Fitting Range**

![](chart.png)

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

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**Measurement**

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**Results will vary based on wireless usage.**

**Battery Size:** 312

Livio Edge AI
**Color Guide**

- Standard Colors
  - Bright White
  - Black
  - Slate
  - Sterling
  - Espresso
  - Bronze
  - Champagne

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Dual Radio (2.4 GHz + NFMI)
  Ear-to-Ear Streaming

**Accessories**
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

**Fitting Range**

![Graph](chart.png)

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

---

### Measurement

<table>
<thead>
<tr>
<th></th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<tr>
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**Harmonic Distortion**
- 500 Hz (%): <3
- 800 Hz (%): <3
- 1600 Hz (%): <3

**Measurement**

<table>
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<th>ANSI/IEC 2cc Coupler</th>
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<td>ANSI/IEC Battery Current (mA)</td>
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<td>Idle Current (mA)</td>
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<td>Estimated Lithium-Ion Battery Life</td>
<td>312 Zinc Air (days)</td>
<td>4-7&quot;</td>
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<tr>
<td>Tinnitus Therapy Stimulus</td>
<td>Max RMS Output (dB SPL)</td>
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<td></td>
<td>Weighted RMS Output Level (dB SPL)</td>
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<tr>
<td></td>
<td>Max 1/3 Octave Output (dB SPL)</td>
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</table>

- *Results will vary based on wireless usage.*
mRIC 312
RECEIVER-IN-CANAL
Livio Edge AI 2400

Color Guide
Standard Colors
Bright White with Sterling
Black
Slate
Sterling
Expresso
Bronze
Champagne

Patient Features
• Tinnitus Technology
• Wireless Connectivity

Accessories
• TV
• Remote Microphone +
• Remote
• Mini Remote Microphone
• Table Microphone
• Programmer

Fitting Range

Thrive Technology
• Embedded Sensors
• Natural User Interface Tap Control
• Additional Thrive app Feature Options

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
<th>ANSI/IEC 2cc Coupler</th>
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<th>IEC OES Coupler</th>
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<td>71</td>
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<td>MFA Full-On Gain (dB)</td>
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<td>&lt;100-9400</td>
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<td>26</td>
<td>26</td>
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Harmonic Distortions
500 Hz (%)  <3  <3  <3  <3  <3  <3
800 Hz (%)  <3  <3  <3  <3  <3  <3
1600 Hz (%) <3  <3  <3  <3  <3  <3

*Results will vary based on wireless usage.
mRIC 312 AP
RECEIVER-IN-CANAL Absolute Power

Livio Edge AI 2400

Color Guide

Standard Colors

Patient Features
• Tinnitus Technology
• Wireless Connectivity

Accessories
• TV
• Remote Microphone +
• Remote
• Mini Remote Microphone
• Table Microphone
• Programmer

Fitting Range

Thrive Technology
• Embedded Sensors
• Natural User Interface Tap Control
• Additional Thrive app Feature Options

Measurement

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>123</td>
<td>133</td>
<td>130</td>
<td>140</td>
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<td>HFA OSPL90 (dB SPL)</td>
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Measurement

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<td>Tinnitus Therapy Stimulus</td>
<td>Max RMS Output (dB SPL)</td>
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<td>Weighted RMS Output Level (dB SPL)</td>
<td>Max 1/3 Octave Output (dB SPL)</td>
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</table>

* Results will vary based on wireless usage.

Hearing Level in dB (HL)

Frequency (Hz)

mRIC 312 60 AP
mRIC 312 70 AP
**BTE 13**  
**BEHIND-THE-EAR**  
Livio Edge AI 2400

**Color Guide**
- Standard Colors
  - Bright White with Sterling
  - Black
  - Slate
  - Sterling
  - Espresso
  - Bronze
  - Champagne

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Telecoil
- Dual Radio (2.4 GHz + NFMI) Ear-to-Ear Streaming

**Accessories**
- TV
- Remote Microphone + Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

**Fitting Range**

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

<table>
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<tr>
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<th>IEC OES Coupler</th>
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<th>IEC OES Coupler</th>
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<td>HFA OSPL90 (dB SPL)</td>
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<td>1.0, 1.6, 2.5</td>
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<td>&lt;3</td>
<td>&lt;3</td>
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</table>

**Measurement**

**Induction Coil Sensitivity**
- HFA SPLITS (ANSI) (dB SPL)  
  - 101
- MASL (IEC) (dB SPL)  
  - 92
- ANSI/IEC Battery Current (mA)  
  - 1.9
- Idle Current (mA)  
  - 1.7

**Estimated Battery Life for 16-Hour Day**
- 312 Zinc Air (days)  
  - 7-11

**Tinnitus Therapy Stimulus**
- Max RMS Output (dB SPL)  
  - 87
- Weighted RMS Output Level (dB SPL)  
  - 87
- Max 1/3 Octave Output (dB SPL)  
  - 87

*Results will vary based on wireless usage.*
**Color Guide**

Faceplate Colors
- Dark Brown
- Chestnut Light Brown
- Light Chestnut
- Black
- Pink
- Medium Brown
- Light Brown
- Shell Colors
- Cream
- Light Brown
- Pink
- Black
- Brown

Faceplate Colors
- Blue/RedPink
- Black
- Clear
- Light Brown

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- Lithium-Ion Rechargeable
- Telecoil

**Accessories**
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Custom Charger
- Programmer

**Fitting Range**

![Fitting Range Graph](image)

**Thrive Technology**
- Embedded Sensors*
- Natural User Interface Tap Control*
- Additional Thrive app Feature Options

**ITE R Gain Data**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC DES Coupler</th>
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<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
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<td>HFA OSPL90 (dB SPL)</td>
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<td>RTF OSPL90 (dB SPL)</td>
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<td>HFA Full-On Gain (dB)</td>
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<td>Harmonic Distortion</td>
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*Available on Livio AI only.

**ITE R Gain Data**

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<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC DES Coupler</th>
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<tbody>
<tr>
<td>Induction Coil Sensitivity</td>
<td>95-108</td>
<td>N/A</td>
</tr>
<tr>
<td>HFA SPLITS (ANSI) (dB SPL)</td>
<td>78-96</td>
<td>N/A</td>
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<tr>
<td>MASL (IEC) (dB SPL)</td>
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<tr>
<td>Estimated Lithium-Ion Battery Life</td>
<td>Up to 24 hours**</td>
<td></td>
</tr>
<tr>
<td>Li-Ion Rechargeable Battery (hrs)</td>
<td></td>
<td></td>
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<tr>
<td>Max RMS Output (dB SPL)</td>
<td>87</td>
<td></td>
</tr>
<tr>
<td>Weighted RMS Output Level (dB SPL)</td>
<td>87</td>
<td></td>
</tr>
<tr>
<td>Max 1/3 Octave Output (dB SPL)</td>
<td>87</td>
<td></td>
</tr>
</tbody>
</table>

**Results will vary based on wireless usage.**
ITE R
IN-THE-EAR RECHARGEABLE

Livio AI 1200 | 1000
Livio 1200 | 1000

Fitting Range

- Tinnitus Technology
- Wireless Connectivity
- Lithium-Ion Rechargeable
- Telecoil

Patient Features

- Tinnitus Technology
- Wireless Connectivity
- Lithium-Ion Rechargeable
- Telecoil

Accessories

- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Custom Charger
- Programmer

Livio AI/Livio
THRIVE PLATFORM

Matrices: 115/50, 120/60, 130/70**

Color Guide

Faceplate Colors
- Dark Brown
- Chestnut
- Medium Brown
- Light Brown
- Pink
- Black
- Shell Colors
- Clear
- Light Brown
- Pink
- Blue/Green
- Black

Thrive Technology

- Embedded Sensors*
- Natural User Interface Tap Control*
- Additional Thrive app Feature Options

ITE R Gain Data

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>115-130</td>
<td>126-139</td>
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<td>HFA OSPL90 (dB SPL)</td>
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<td>RTF OSPL90 (dB SPL)</td>
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<td>119-139</td>
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<td>Peak Gain (dB)</td>
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<td>62-80</td>
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<td>HFA Full-On Gain (dB)</td>
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<td>RTF Full-On Gain (dB)</td>
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<td>Frequency Range (Hz)</td>
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<td>HFA Frequencies (kHz)</td>
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<td>Reference Test Gain (dB)</td>
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<td>&lt;25</td>
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<td>Harmonic Distortion</td>
<td>500 Hz (%)</td>
<td>&lt;3</td>
</tr>
<tr>
<td>800 Hz (%)</td>
<td>&lt;3</td>
<td>&lt;3</td>
</tr>
<tr>
<td>1600 Hz (%)</td>
<td>&lt;3</td>
<td>&lt;3</td>
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</table>

Induction Coil Sensitivity

- HFA SPLIT S (ANSI) (dB SPL) 95-108
- MASL (IEC) (dB SPL) 78-96

Estimated Lithium-Ion Battery Life

- Li-Ion Rechargeable Battery (hrs) Up to 24 hours***

Tinnitus Therapy Stimulus

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

*Available on Livio AI only.
**The highest matrix of 130/70 is not offered on 1000 technology tier.
***Results will vary based on wireless usage.
**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- Lithium-Ion Rechargeable

**Accessories**
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Custom Charger
- Programmer

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

---

**HS R Gain Data**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<tbody>
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<td>Peak OSLPL90 (dB SPL)</td>
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<td>RTF OSLPL90 (dB SPL)</td>
<td>N/A</td>
<td>115-139</td>
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<tr>
<td>Peak Gain (dB)</td>
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<td>53-79</td>
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<tr>
<td>HFA Full-On Gain (dB)</td>
<td>36-63</td>
<td>N/A</td>
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<tr>
<td>RTF Full-On Gain (dB)</td>
<td>N/A</td>
<td>46-78</td>
</tr>
<tr>
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<td>HFA Frequencies (kHz)</td>
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<td>Reference Test Gain (dB)</td>
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<tr>
<td>Equivalent Input Noise (dB)</td>
<td>&lt;25</td>
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<tr>
<td>Harmonic Distortion</td>
<td>&lt;3</td>
<td>&lt;3</td>
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<tr>
<td>500 Hz (%)</td>
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<td>&lt;3</td>
</tr>
<tr>
<td>1600 Hz (%)</td>
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</table>

**Estimated Lithium-Ion Battery Life**
- Li-Ion Rechargeable Battery (hrs) Up to 24 hours

**Tinnitus Therapy Stimulus**
- Max RMS Output (dB SPL) 87
- Weighted RMS Output Level (dB SPL) 87
- Max 1/3 Octave Output (dB SPL) 87

---

*Available on Livio AI only.

**Results will vary based on wireless usage.**
**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- Lithium-Ion Rechargeable

**Accessories**
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Custom Charger
- Programmer

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

### Color Guide

**Faceplate Colors**
- Dark Brown
- Chestnut
- Medium Brown
- Light Brown
- Pink
- Black
- Shell Colors
- Clear
- Light Brown
- Pink
- Black/red
- Black

### Fitting Range

![Fitting Range Diagram](image)

**HS R Gain Data**

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<td>Frequency Range (Hz)</td>
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<td>Equivalent Input Noise (dB)</td>
<td>&lt;25</td>
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**Harmonic Distortion**
- 500 Hz (%): <3
- 800 Hz (%): <3
- 1600 Hz (%): <3

**Estimated Lithium-Ion Battery Life**
- Li-Ion Rechargeable Battery (hrs): Up to 24 hours**

**Tinnitus Therapy Stimulus**
- Max RMS Output (dB SPL): 87
- Weighted RMS Output Level (dB SPL): 87
- Max 1/3 Octave Output (dB SPL): 87

---

*Available on Livio AI only.
**The highest matrix of 130/70 is not offered on 1000 technology tier.
***Results will vary based on wireless usage.
**ITC R**

**IN-THE-CANAL RECHARGEABLE**

Livio AI 2000 | 1600
Livio 2400 | 2000 | 1600

---

**Color Guide**

- **Faceplate Colors**
  - Dark Brown
  - Chestnut
  - Medium Brown
  - Light Brown
  - Pink
  - Black
  - Shell Colors
  - Clear
  - Light Brown
  - Pink
  - Black/Red
  - Black

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- Lithium-Ion Rechargeable

**Accessories**
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Custom Charger
- Programmer

**Fitting Range**

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

---

**ITC R Gain Data**

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</tr>
<tr>
<td>Equivalent Input Noise (dB)</td>
<td>&lt;25</td>
<td>&lt;25</td>
</tr>
</tbody>
</table>

**Harmonic Distortion**
- 500 Hz (%) < 3
- 800 Hz (%) < 3
- 1600 Hz (%) < 3

---

**Estimated Lithium-Ion Battery Life**
- Up to 24 hours**

**Tinnitus Therapy Stimulus**
- Max RMS Output (dB SPL) 87
- Weighted RMS Output Level (dB SPL) 87
- Max 1/3 Octave Output (dB SPL) 87

---

*Available on Livio AI only.
**Results will vary based on wireless usage.
ITC R
IN-THE-CANAL RECHARGEABLE

Livio AI 1200 | 1000
Livio 1200 | 1000

Patient Features
- Tinnitus Technology
- Wireless Connectivity
- Lithium-Ion Rechargeable

Accessories
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Custom Charger
- Programmer

Color Guide

Faceplate Colors
- Dark Brown
- Chestnut
- Medium Brown
- Light Brown
- Pink
- Black

Shell Colors
- Clear
- Light Brown
- Pink
- Blue/Red
- Black

Fitting Range

Thrive Technology
- Embedded Sensors*
- Natural User Interface Tap Control*
- Additional Thrive app Feature Options

ITC R Gain Data

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<td>Equivalent Input Noise (dB)</td>
<td>&lt;25</td>
<td>&lt;25</td>
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</table>

Harmonic Distortion
- 500 Hz (%)                      | <3                   | <3              |
- 800 Hz (%)                       | <3                   | <3              |
- 1600 Hz (%)                      | <3                   | <3              |

Estimated Lithium-Ion Battery Life
- Li-Ion Rechargeable Battery Life: Up to 24 hours***

Tinnitus Therapy Stimulus
- Max RMS Output (dB SPL): 87
- Weighted RMS Output Level (dB SPL): 87
- Max 1/3 Octave Output (dB SPL): 87

*Available on Livio AI only.
**The highest matrix of 130/70 is not offered on 1000 technology tier.
***Results will vary based on wireless usage.
RIC R
RECEIVER-IN-CANAL RECHARGEABLE

Livio AI 2000 | 1600
Livio 2400 | 2000 | 1600

Color Guide

Standard Colors
Bright White
Black
Slate
Starling
Espresso
Bronze
Champagne

Patient Features
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Lithium-Ion Rechargeable
- Telecoil
- Dual Radio (2.4 GHz + NFMI)
- Ear-to-Ear Streaming

Accessories
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Standard Charger
- Mini Turbo Charger
- Programmer

Fitting Range

Thrive Technology
- Embedded Sensors*
- Natural User Interface Tap Control*
- Additional Thrive app Feature Options

Measurement
ANSI/IEC 2cc Coupler
IC\(\text{ES}^{\text{DES}}\) Coupler

40 Gain Data

50 Gain Data

60 Gain Data

40 Gain Data

Measurement
ANSI/IEC 2cc Coupler
IC\(\text{ES}^{\text{DES}}\) Coupler

40 Gain Data

Measurement
ANSI/IEC 2cc Coupler
IC\(\text{ES}^{\text{DES}}\) Coupler

40 Gain Data

Measurement
ANSI/IEC 2cc Coupler
IC\(\text{ES}^{\text{DES}}\) Coupler

40 Gain Data

Peak OSPL(50 dB SPL)
107 120
115 127
120 131

Peak Gain (dB)
40 52
50 63
60 71

Reference Test Freq. (kHz)
25 36
32 44
40 52

Reference Test Gain (dB)
26 36
28 40
30 42

Equivalent Input Noise (dB)
50 Hz (%)
<3
<3
<3
<3

800 Hz (%)
<3
<3
<3
<3

1000 Hz (%)
<3
<3
<3
<3

Harmonic Distortion
500 Hz (%)
<3
<3
<3
<3

800 Hz (%)
<3
<3
<3
<3

1000 Hz (%)
<3
<3
<3
<3

Peak Gain (dB)
40 52
50 63
60 71

Reference Test Freq. (kHz)
25 36
32 44
40 52

Reference Test Gain (dB)
26 36
28 40
30 42

Equivalent Input Noise (dB)
50 Hz (%)
<3
<3
<3
<3

800 Hz (%)
<3
<3
<3
<3

1000 Hz (%)
<3
<3
<3
<3

Harmonic Distortion
500 Hz (%)
<3
<3
<3
<3

800 Hz (%)
<3
<3
<3
<3

1000 Hz (%)
<3
<3
<3
<3

*Available on Livio AI only.
**Results will vary based on wireless usage.

Livio AI/Livio
RIC R
RECEIVER-IN-CANAL RECHARGEABLE
Livio AI 1200 | 1000
Livio 1200 | 1000

**Color Guide**

- Bright White
- Black
- Slate
- Sterling
- Expresso
- Bronze
- Champagne

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Lithium-Ion Rechargeable
- Telecoil
- Dual Radio (2.4 GHz + NFMI)
- Ear-to-Ear Streaming

**Accessories**
- TV
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- Table Microphone
- Standard Charger
- Mini Turbo Charger
- Programmer

**Fitting Range**

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

**Measurement**

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<td>&gt;100-7800</td>
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<td>Harmonic Distortion (800 Hz)</td>
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<tr>
<td>Harmonic Distortion (1000 Hz)</td>
<td>40</td>
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</table>

**Induction Coil Sensitivity**

- HFA SPLITS (ANSI) (dB SPL) | 83 |
- MAXL (IEC) (dB SPL) | 64 |

**Estimated Lithium-Ion Battery Life**

- Up to 24 hours**

**Tinnitus Therapy Stimulus**

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

**Available on 1200 technology tier only.**

**“Results will vary based on wireless usage.”**

**Matrix: 107/40, 115/50, 120/60**

**Battery Size: Encased 312**
Color Guide
Standard Colors
Bright White
with Sterling
Black
Slate
Sterling
Espresso
Bronze
Champagne

Patient Features
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Lithium-Ion Rechargeable
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Thrive Technology
- Embedded Sensors*
- Natural User Interface Tap Control*
- Additional Thrive app Feature Options

Measurement | ANSI/IEC 2cc Coupler | IEC OES Coupler | ANSI/IEC 2cc Coupler | IEC OES Coupler | ANSI/IEC 2cc Coupler | IEC OES Coupler
--- | --- | --- | --- | --- | --- | ---
Peak OSPL90 (dB SPL) | 123 | 133 | 130 | 140 | 130 | 140
HFA OSPL90 (dB SPL) | 117 | N/A | 124 | N/A | 124 | N/A
RTF OSPL90 (dB SPL) | N/A | 130 | N/A | 139 | N/A | 139
Peak Gain (dB) | 60 | 70 | 70 | 81 | 70 | 81
HFA Full-On Gain (dB) | 54 | N/A | 65 | N/A | 65 | N/A
RTF Full-On Gain (dB) | N/A | 66 | N/A | 78 | N/A | 78
Frequency Range (Hz) | <100-5500 | <100-5700 | <100-5800 | <100-5700
Reference Test Freq. (kHz) | N/A | 1.6 | N/A | 1.6 | N/A | 1.6
HFA Frequencies (kHz) | 1.0,1.6,2.5 | N/A | 1.0,1.6,2.5 | N/A | 1.0,1.6,2.5 | N/A
Reference Test Gain (dB) | 40 | 55 | 47 | 64 | 47 | 64
Equivalent Input Noise (dB) | 26 | 26 | 26 | 26 | 26 | 26
Harmonic Distortion
500 Hz (%) | <3 | <3 | <3 | <3 | <3 | <3
800 Hz (%) | <3 | <3 | <3 | <3 | <3 | <3
1600 Hz (%) | <3 | <3 | <3 | <3 | <3 | <3

*Available on Livio AI only.
**Results will vary based on wireless usage.
RIC R AP
RECEIVER-IN-CANAL RECHARGEABLE

Livio AI 1200 | 1000
Livio 1200 | 1000

Color Guide
Standard Colors
Bright White with Sterling
Black
Slate
Sterling
Expresso
Bronze
Champagne

Patient Features
• Tinnitus Technology
• Wireless Connectivity
• CROS System
• Lithium-Ion Rechargeable
• Telecoil
• Dual Radio (2.4 GHz + NFMI)
  Ear-to-Ear Streaming

Accessories
• TV
• Remote Microphone +
• Remote
• Mini Remote Microphone
• Table Microphone
• Standard Charger
• Mini Turbo Charger
• Programmer

Thrive Technology
• Embedded Sensors™
• Natural User Interface Tap Control™
• Additional Thrive app Feature Options

Gain Data

Measurement | ANSI/IEC 2cc Coupler | IEC OES Coupler | ANSI/IEC 2cc Coupler | IEC OES Coupler | ANSI/IEC 2cc Coupler | IEC OES Coupler
--- | --- | --- | --- | --- | --- | ---
Peak OSPL90 (dB SPL) | 123 | 133 | 130 | 140 | 130 | 140
HFA OSPL90 (dB SPL) | 117 | N/A | 124 | N/A | 124 | N/A
RTF OSPL90 (dB SPL) | N/A | 130 | N/A | 139 | N/A | 139
Peak Gain (dB) | 60 | 70 | 70 | 81 | 70 | 81
HFA Full-On Gain (dB) | 54 | N/A | 65 | N/A | 65 | N/A
RTF Full-On Gain (dB) | N/A | 66 | N/A | 78 | N/A | 78
Frequency Range (Hz) | <100-5500 | <100-5700 | <100-5800 | <100-5700 | <100-5800 | <100-5700
Reference Test Freq. (kHz) | N/A | 1.6 | N/A | 1.6 | N/A | 1.6
HFA Frequencies (kHz) | 1.0,1.6,2.5 | N/A | 1.0,1.6,2.5 | N/A | 1.0,1.6,2.5 | N/A
Reference Test Gain (dB) | 40 | 55 | 47 | 64 | 47 | 64
Equivalent Input Noise (dB) | 26 | 26 | 26 | 26 | 26 | 26

Harmonic Distortion

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

*Available on 1200 technology tier only.
** Available on Livio AI only.
*** Results will vary based on wireless usage.
**Color Guide**

- Bright White
- Slate
- Sterling
- Espresso
- Bronze
- Champagne

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Dual Radio (2.4 GHz + NFMI)
- Ear-to-Ear Streaming

**Accessories**
- TV
- Remote Microphone
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

**Fitting Range**

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC DES Coupler</th>
<th>ANSI/IEC 2cc Coupler</th>
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<th>ANSI/IEC 2cc Coupler</th>
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<tr>
<td>Peak OSPL90 (dB SPL)</td>
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<td>N/A</td>
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<td>N/A</td>
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<td>RTF Full-On Gain (dB)</td>
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<td>1.0,1.6,2.5</td>
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<td>1.0,1.6,2.5</td>
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<td>Reference Test Gain (dB)</td>
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<td>Equivalent Input Noise (dB)</td>
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</table>

**Harmonic Distortion**
- 500 Hz (%) <3 <3 <3 <3 <3 <3
- 800 Hz (%) <3 <3 <3 <3 <3 <3
- 1000 Hz (%) <3 <3 <3 <3 <3 <3

**Available on Livio AI only.**

**Results will vary based on wireless usage.**
RIC 312
RECEIVER-IN-CANAL

Livio AI 1200 | 1000
Livio 1200 | 1000

Color Guide

Standard Colors
Bright White with Sterling
Black
Slate
Silver
Expresso
Bronze
Champagne

Patient Features
• Tinnitus Technology
• Wireless Connectivity
• CROS System*
• Dual Radio (2.4 GHz + NFMI) Ear-to-Ear Streaming

Accessories
• TV
• Remote Microphone +
• Remote
• Mini Remote Microphone
• Table Microphone
• Programmer

Fitting Range

Thrive Technology
• Embedded Sensors™
• Natural User Interface Tap Control™
• Additional Thrive app Feature Options

Measurement ANSI/IEC 2cc Coupler IEC OES Coupler ANSI/IEC 2cc Coupler IEC OES Coupler ANSI/IEC 2cc Coupler IEC OES Coupler
Peak OSPL (dB SPL) 107 120 115 127 120 131
HFA 2cc SPL (dB SPL) 102 N/A 109 N/A 117 N/A
HFA OSPL (dB SPL) N/A 112 N/A 119 N/A 127

Gain Data

40 Gain Data
50 Gain Data
60 Gain Data

Measurement ANSI/IEC 2cc Coupler IEC OES Coupler ANSI/IEC 2cc Coupler IEC OES Coupler ANSI/IEC 2cc Coupler IEC OES Coupler
Peak Gain (dB) 40 52 50 63 60 71
HFA Full-On Gain (dB) 35 N/A 45 N/A 56 N/A
HFA Full-On Gain (dB) N/A 43 N/A 55 N/A 65

Frequency Range (Hz) <100-7700 <100-6900 <100-7700 <100-7800 <100-7700 <100-7800
Reference Test Freq. (kHz) N/A 1.6 N/A 1.6 N/A 1.6
HFA Frequencies (kHz) 1.0,1.6,2.5 N/A 1.0,1.6,2.5 N/A 1.0,1.6,2.5 N/A
Reference Test Gain (dB) 26 36 32 44 40 52
Equivalent Input Noise (dB) 26 26 26 26 26 26

Harmonic Distortion
500 Hz (%) <3 <3 <3 <3 <3 <3
800 Hz (%) <3 <3 <3 <3 <3 <3
1000 Hz (%) <3 <3 <3 <3 <3 <3

*Available on 1200 technology tier only.
**Available on Livio AI only.
***Results will vary based on wireless usage.

Battery Size: 312

Livio AI/Livio
RIC 312 AP
RECEIVER-IN-CANAL Absolute Power
Livio AI 2000 | 1600
Livio 2400 | 2000 | 1600

Color Guide

Standard Colors
Bright White with Sterling
Black
Slate
Sterling
Espresso
Bronze
Champagne

Patient Features
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Dual Radio (2.4 GHz + NFMI)
- Ear-to-Ear Streaming

Accessories
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

Fitting Range

Hearing Level in dB (HL)

Frequency (Hz)

Patient Features
- Tinnitus Technology
- Wireless Connectivity
- CROS System
- Dual Radio (2.4 GHz + NFMI)
- Ear-to-Ear Streaming

Accessories
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

Thrive Technology
- Embedded Sensors*
- Natural User Interface Tap Control*
- Additional Thrive app Feature Options

Measurement

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>123</td>
<td>133</td>
</tr>
<tr>
<td>HFA OSPL90 (dB SPL)</td>
<td>117</td>
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<tr>
<td>RTF OSPL90 (dB SPL)</td>
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<tr>
<td>Peak Gain (dB)</td>
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<td>70</td>
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<tr>
<td>HFA Full-On Gain (dB)</td>
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<tr>
<td>RTF Full-On Gain (dB)</td>
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<td>&lt;100-5700</td>
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<td>HFA Frequencies (kHz)</td>
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<tr>
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<td>Equivalent Input Noise (dB)</td>
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<td>Harmonic Distortion</td>
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Measurement

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<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<tr>
<td>ANSI/IEC Battery Current (mA)</td>
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<td>1.7&quot;</td>
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<tr>
<td>Idle Current (mA)</td>
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<td>Estimated Lithium-Ion Battery Life</td>
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<tr>
<td>312 Zinc Air (days)</td>
<td>4-7&quot;</td>
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</table>

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                |

*Available on Livio AI only.
*Results will vary based on wireless usage.
RIC 312 AP
RECEIVER-IN-CANAL Absolute Power
Livio AI 1200 | 1000
Livio 1200 | 1000

Color Guide
Standard Colors
Bright White with Sterling
Black
Slate
Sterling
Espresso
Bronze
Champagne

Patient Features
- Tinnitus Technology
- Wireless Connectivity
- CROS System*
- Dual Radio (2.4 GHz + NFMI)
  Ear-to-Ear Streaming

Accessories
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

Fitting Range

Thrive Technology
- Embedded Sensors™
- Natural User Interface Tap Control™
- Additional Thrive app Feature Options

<table>
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<th>Measurement</th>
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<th>IEC OES Coupler</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>123</td>
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<td>130</td>
<td>140</td>
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<td>HFA OSPL90 (dB SPL)</td>
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<td>N/A</td>
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<td>RTF OSPL90 (dB SPL)</td>
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<td>N/A</td>
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<td>Peak Gain (dB)</td>
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<td>HFA Full-On Gain (dB)</td>
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<td>RTF Full-On Gain (dB)</td>
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<td>N/A</td>
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<td>&lt;100-5700</td>
<td>&lt;100-5800</td>
<td>&lt;100-5700</td>
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<tr>
<td>Reference Test Freq. (kHz)</td>
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<td>Reference Test Gain (dB)</td>
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<td>64</td>
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<td>Equivalent Input Noise (dB)</td>
<td>26</td>
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</tbody>
</table>

Harmonic Distortion
- 500 Hz (%) | <3 | <3 | <3 | <3 |
- 800 Hz (%) | <3 | <3 | <3 | <3 |
- 1600 Hz (%) | <3 | <3 | <3 | <3 |

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<tr>
<td>ANSI/IEC Battery Current (mA)</td>
<td>1.7**</td>
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<td>1.7**</td>
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<tr>
<td>Estimated Lithium-Ion Battery Life</td>
<td>312 Zinc Air (days)</td>
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<td>Tinnitus Therapy Stimulus</td>
<td>Max RMS Output (dB SPL)</td>
<td>87</td>
<td>87</td>
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<tr>
<td>Weighted RMS Output Level (dB SPL)</td>
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<td>87</td>
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</tr>
<tr>
<td>Max 1/3 Octave Output (dB SPL)</td>
<td>87</td>
<td>87</td>
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</table>

*Available on 1200 technology tier only.
**Available on Livio AI only.
***Results will vary based on wireless usage.
**mRIC 312**
**RECEIVER-IN-CANAL**

**Livio AI 2000 | 1600**

**Livio 2400 | 2000 | 1600**

---

### Color Guide

- Standard Colors
  - Bright White
  - Black
  - Slate
  - Sterling
  - Espresso
  - Bronze
  - Champagne

---

### Patient Features

- Tinnitus Technology
- Wireless Connectivity

### Accessories

- TV
- Remote Microphone
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

---

### Fitting Range

![Fitting Range Diagram](image)

- mRIC 312 40
- mRIC 312 50
- mRIC 312 60

---

### Thrive Technology

- Embedded Sensors*
- Natural User Interface Tap Control*
- Additional Thrive app Feature Options

---

### Patient Features (cont.)

- Tinnitus Therapy Stimulus
  - Max RMS Output (dB SPL)
  - Weighted RMS Output Level (dB SPL)
  - Max. 1/3 Octave Output (dB SPL)

---

### Measurement Data

#### 40 Gain Data

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC DES Coupler</th>
<th>ANSI/IEC 2cc Coupler</th>
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<tr>
<td>Reference Test Gain (dB)</td>
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<td>Equivalent Input Noise (dB)</td>
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<td>500 Hz (%)</td>
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<td>&lt;3</td>
<td>&lt;3</td>
<td>&lt;3</td>
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<td>800 Hz (%)</td>
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<td>&lt;3</td>
<td>&lt;3</td>
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</tbody>
</table>

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### Battery Information

- **Battery Size:** 312

---

*Available on Livio AI only.

**Results will vary based on wireless usage.
mRIC 312
RECEIVER-IN-CANAL

Livio AI 1200 | 1000
Livio 1200 | 1000

Color Guide

Standard Colors
Bright White with Sterling
Black
Slate
Sterling
Espresso
Bronze
Champagne

Patient Features
• Tinnitus Technology
• Wireless Connectivity

Accessories
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• Remote Microphone + Remote
• Mini Remote Microphone
• Table Microphone
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Fitting Range

Thrive Technology
• Embedded Sensors
• Natural User Interface Tap Control
• Additional Thrive app Feature Options

Gain Data

Measurement | ANSI/IEC 2cc Coupler | IEC DES Coupler | ANSI/IEC 2cc Coupler | IEC DES Coupler | ANSI/IEC 2cc Coupler | IEC DES Coupler
---|---|---|---|---|---|---
Peak OSPL90 (dB SPL) | 107 | 102 | 115 | 119 | 120 | 127
HFA OSPL90 (dB SPL) | N/A | 112 | N/A | 119 | N/A | 127
Peak Gain (dBSPL) | 40 | 52 | 50 | 63 | 60 | 71
HFA Full-On Gain (dBSPL) | 35 | N/A | 45 | N/A | 56 | N/A
RTF Full-On Gain (dBSPL) | N/A | 43 | N/A | 55 | N/A | 65
Frequency Range (Hz) | <100-7700 | <100-7700 | <100-7700 | <100-7800 | <100-7700 | <100-7800
Reference Test Freq. (kHz) | N/A | 1.6 | N/A | 1.6 | N/A | 1.6
HFA Frequencies (kHz) | 1.0,1.6,2.5 | N/A | 1.0,1.6,2.5 | N/A | 1.0,1.6,2.5 | N/A
Reference Test Gain (dBSPL) | 25 | 36 | 32 | 44 | 40 | 52
Equivalent Input Noise (dBSPL) | 26 | 26 | 26 | 26 | 26 | 26
Harmonic Distortion
• 500 Hz (%) | <3 | <3 | <3 | <3 | <3 | <3
• 800 Hz (%) | <3 | <3 | <3 | <3 | <3 | <3
• 1600 Hz (%) | <3 | <3 | <3 | <3 | <3 | <3

*Available on Livio AI only
*Results will vary based on wireless usage.
**mRIC 312 AP**

**RECEIVER-IN-CANAL Absolute Power**

**Livio AI 2000 | 1600**

**Livio 2400 | 2000 | 1600**

---

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- Bright White
- Black
- Slate
- Sterling
- Espresso
- Bronze
- Champagne

---

**Patient Features**

- Tinnitus Technology
- Wireless Connectivity

**Accessories**

- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

---

**Thrive Technology**

- Embedded Sensors*
- Natural User Interface Tap Control*
- Additional Thrive app Feature Options

---

**Fitting Range**

---

**Measurement**

<table>
<thead>
<tr>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>123</td>
<td>133</td>
<td>123</td>
</tr>
<tr>
<td>HFA OSPL90 (dB SPL)</td>
<td>117 N/A</td>
<td>124 N/A</td>
<td>124 N/A</td>
</tr>
<tr>
<td>RTF OSPL90 (dB SPL)</td>
<td>54 N/A</td>
<td>65 N/A</td>
<td>65 N/A</td>
</tr>
<tr>
<td>Peak Gain (dB)</td>
<td>60 70</td>
<td>70 81</td>
<td>70 81</td>
</tr>
<tr>
<td>HFA Full-On Gain (dB)</td>
<td>N/A 66</td>
<td>N/A 78</td>
<td>N/A 78</td>
</tr>
<tr>
<td>RTF Full-On Gain (dB)</td>
<td>N/A 66</td>
<td>N/A 78</td>
<td>N/A 78</td>
</tr>
<tr>
<td>Frequency Range (Hz)</td>
<td>&lt;100-5500 &lt;100-5700</td>
<td>&lt;100-5800 &lt;100-5700</td>
<td>N/A 1.6</td>
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<tr>
<td>Reference Test Freq. (kHz)</td>
<td>N/A 1.6</td>
<td>N/A 1.6</td>
<td>N/A 1.6</td>
</tr>
<tr>
<td>HFA Frequencies (kHz)</td>
<td>1.0,1.6,2.5</td>
<td>N/A 1.0,1.6,2.5</td>
<td>N/A 1.0,1.6,2.5</td>
</tr>
<tr>
<td>Reference Test Gain (dB)</td>
<td>40 55</td>
<td>47 64</td>
<td>47 64</td>
</tr>
<tr>
<td>Equivalent Input Noise (dB)</td>
<td>26 26</td>
<td>26 26</td>
<td>26 26</td>
</tr>
<tr>
<td>Harmonic Distortion</td>
<td>&lt;3 &lt;3</td>
<td>&lt;3 &lt;3</td>
<td>&lt;3 &lt;3</td>
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**Measurement**

<table>
<thead>
<tr>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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<tr>
<td>ANSI/IEC</td>
<td>1.7 1.7</td>
<td>1.7 1.7</td>
<td>1.9 1.8</td>
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<tr>
<td>Idle Current (mA)</td>
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<tr>
<td>Estimated Lithium-Ion Battery Life</td>
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<td>4-7’</td>
<td>4-7’</td>
</tr>
<tr>
<td>312 Zinc Air (days)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tinnitus Therapy Stimulus</td>
<td>Max RMS Output (dB SPL)</td>
<td>87</td>
<td>87</td>
</tr>
<tr>
<td>Weighted RMS Output Level (dB SPL)</td>
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<td>87</td>
<td></td>
</tr>
<tr>
<td>Max 1/3 Octave Output (dB SPL)</td>
<td>87</td>
<td>87</td>
<td></td>
</tr>
</tbody>
</table>

---

*Available on Livio AI only.
**Results will vary based on wireless usage.

---

**Matrices: 123/60, 130/70**

**Battery Size: 312**
mRIC 312 AP
RECEIVER-IN-CANAL Absolute Power

Livio Al 1200 | 1000
Livio 1200 | 1000

**Color Guide**
- Standard Colors
- Bright White with Sterling
- Black
- Slate
- Sterling
- Espresso
- Bronze
- Champagne

**Patient Features**
- Tinnitus Technology
- Wireless Connectivity

**Accessories**
- TV
- Remote Microphone +
- Remote
- Mini Remote Microphone
- Table Microphone
- Programmer

**Fitting Range**

**Thrive Technology**
- Embedded Sensors
- Natural User Interface Tap Control
- Additional Thrive app Feature Options

**Measurement**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
</tr>
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<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>123</td>
<td>130</td>
</tr>
<tr>
<td>HFA OSPL90 (dB SPL)</td>
<td>117</td>
<td>124</td>
</tr>
<tr>
<td>RTF OSPL90 (dB SPL)</td>
<td>N/A</td>
<td>130</td>
</tr>
<tr>
<td>Peak Gain (dB)</td>
<td>60</td>
<td>70</td>
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<tr>
<td>HFA Full-On Gain (dB)</td>
<td>54</td>
<td>65</td>
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<tr>
<td>RTF Full-On Gain (dB)</td>
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<td>Reference Test Gain (dB)</td>
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<tr>
<td>Equivalent Input Noise (dB)</td>
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**Measurement**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
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<tbody>
<tr>
<td>ANSI/IEC Battery Current (mA)</td>
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</tr>
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<td>Idle Current (mA)</td>
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<td>Estimated Lithium-Ion Battery Life</td>
<td>312 Zinc Air (days)</td>
<td>4-7''</td>
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**Tinnitus Therapy Stimulus**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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</thead>
<tbody>
<tr>
<td>Max RMS Output (dB SPL)</td>
<td>87</td>
<td>4-7''</td>
</tr>
<tr>
<td>Weighted RMS Output Level (dB SPL)</td>
<td>87</td>
<td>4-7''</td>
</tr>
<tr>
<td>Max 1/3 Octave Output (dB SPL)</td>
<td>87</td>
<td>4-7''</td>
</tr>
</tbody>
</table>

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**Results will vary based on wireless usage.
BTE 13
BEHIND-THE-EAR

Livio AI 2000 | 1600
Livio 2400 | 2000 | 1600

Color Guide
Standard Colors
Bright White with Sterling
Black
Slate
Sterling
Espresso
Bronze
Champagne

Patient Features
• Tinnitus Technology
• Wireless Connectivity
• CROS System
• Telecoil
• Dual Radio (2.4 GHz + NFMI)
  Ear-to-Ear Streaming

Accessories
• TV
• Remote Microphone +
• Remote
• Mini Remote Microphone
• Table Microphone
• Programmer

Fitting Range

Thrive Technology
• Embedded Sensors
• Natural User Interface Tap Control
• Additional Thrive app Feature Options

Measurement

<table>
<thead>
<tr>
<th>Earhook</th>
<th>Thin Tube (Size 3, Occluded)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI/IEC 2cc Coupler</td>
<td>IEC OES Coupler</td>
</tr>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>130</td>
</tr>
<tr>
<td>HFA OSPL90 (dB SPL)</td>
<td>122</td>
</tr>
<tr>
<td>RTF OSPL90 (dB SPL)</td>
<td>N/A</td>
</tr>
<tr>
<td>Peak Gain (dB)</td>
<td>70</td>
</tr>
<tr>
<td>HFA Full-On Gain (dB)</td>
<td>62</td>
</tr>
<tr>
<td>RTF Full-On Gain (dB)</td>
<td>N/A</td>
</tr>
<tr>
<td>Frequency Range (Hz)</td>
<td>&lt;100-7600</td>
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<tr>
<td>Reference Test Freq. (kHz)</td>
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<td>HFA Frequencies (kHz)</td>
<td>1.0,1.6,2.5</td>
</tr>
<tr>
<td>Reference Test Gain (dB)</td>
<td>45</td>
</tr>
<tr>
<td>Equivalent Input Noise (dB)</td>
<td>24</td>
</tr>
<tr>
<td>Harmonic Distortion</td>
<td>500 Hz (%)</td>
</tr>
<tr>
<td>800 Hz (%)</td>
<td>&lt;5</td>
</tr>
<tr>
<td>1600 Hz (%)</td>
<td>&lt;3</td>
</tr>
</tbody>
</table>

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<tr>
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<tr>
<td>ANSI/IEC 2cc Coupler</td>
<td>IEC OES Coupler</td>
</tr>
<tr>
<td>Induction Coil Sensitivity</td>
<td>HFA SPLITS (ANSI) (dB SPL)</td>
</tr>
<tr>
<td>MASL (IEC) (dB SPL)</td>
<td>92</td>
</tr>
<tr>
<td>ANSI/IEC Battery Current (mA)</td>
<td>1.9’</td>
</tr>
<tr>
<td>Idle Current (mA)</td>
<td>1.7’</td>
</tr>
<tr>
<td>Estimated Battery Life for 16-Hour Day</td>
<td>312 Zinc Air (days)</td>
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<tr>
<td>Tinnitus Therapy Stimulus</td>
<td>Max RMS Output (dB SPL)</td>
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**Patient Features**
- Tinnitus Technology
- Wireless Connectivity
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- Dual Radio (2.4 GHz + NFMI)
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<td>&lt;3</td>
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**Measurement**

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<tr>
<td>MASL (IEC) (dB SPL)</td>
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</tr>
<tr>
<td>ANSI/IEC Battery Current (mA)</td>
<td>1.9***</td>
</tr>
<tr>
<td>Idle Current (mA)</td>
<td>1.7***</td>
</tr>
</tbody>
</table>

**Estimated Battery Life for 16-Hour Day**
- 312 Zinc Air (days) 7-11***
- 7-11***

**Tinnitus Therapy Stimulus**
- Max RMS Output (dB SPL) 87
- Weighted RMS Output Level (dB SPL) 87
- Max 1/3 Octave Output (dB SPL) 87

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*Available on 1200 technology tier only.
*Available on Livio AI only.
***Results will vary based on wireless usage.
The Starkey CROS System includes products specifically designed for patients who need sound routed to a better hearing ear. Starkey’s CROS solution transmits sound wirelessly from a microphone placed on a patient’s unaidable ear to a receiver fitted on a patient’s better hearing ear. Devices can also be configured as a BiCROS solution for patients who need amplification in their better hearing ear.

Special Features
- Clear and consistent wireless streaming using 2.4 GHz + NFMI technology
- Acuity OS 2 brings audibility and speech understanding to patients in any environment
- Full Acuity Immersion Directionality on the CROS transmitter
- Telecoil standard in Livio Edge AI, Livio AI and Livio CROS receivers
- Compatible with 2.4 GHz accessories

Compatibility
Livio Edge AI/Livio AI/Livio RIC R CROS is compatible with Livio Edge AI/Livio AI/Livio RIC R
Livio Edge AI/Livio AI/Livio RIC 312 CROS is compatible with Livio Edge AI/Livio AI/Livio RIC 312
Livio Edge AI/Livio AI/Livio BTE 13 CROS is compatible with Livio Edge AI/Livio AI/Livio BTE 13

Battery Information

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<tr>
<th>Model</th>
<th>Battery size</th>
<th>IEC code</th>
<th>ANSI code</th>
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</thead>
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<tr>
<td>Livio Edge AI/Livio AI/Livio RIC R CROS</td>
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<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Livio Edge AI/Livio AI/Livio RIC 312 CROS</td>
<td>312</td>
<td>PR41</td>
<td>7002ZD</td>
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<tr>
<td>Livio Edge AI/Livio AI/Livio BTE 13 CROS</td>
<td>13</td>
<td>PR48</td>
<td>7002ZD</td>
</tr>
</tbody>
</table>

Radio Information
- Antenna type: Coil wrapped on ferrite core
- Operation frequency: 10.281 MHz NFMI
- Occupied bandwidth (99% BW): 400 kHz
- Modulation: 8 DPSK
- Operating range: 30 cm
- Wearing options: Receiver-In-Canal and Behind-The-Ear
- Use case: Streaming of audio signal to receiving hearing aid on the other ear

Audio Information
- Audio Quality: 20 kHz sampling frequency

Standards Applied
- USA:
  - RIC 312 FCC ID: EOA-24LIVIOR312
  - RIC R FCC ID: EOA-24LIVIORCHG
  - BTE 13 FCC ID: EOA-24LIVIOB13
- Canada:
  - RIC 312 IC: 6903A-24LIVIOR312
  - RIC R IC: 6903A-24LIVIORCHG
  - BTE 13 IC: 6903A-24LIVIOB13

General Information
Transportation and storage conditions for Zinc Air Products:
-40°C (~40°F) to +60°C (140°F) and 10%-95% rH. Your hearing aids are designed to operate beyond the range of temperatures comfortable to you, from very cold up to 50°C (122°F).

Transportation and storage conditions for the RIC R:
Your hearing aids and charger should be stored within the temperature and humidity ranges of -15°C (5°F) to +45°C (113°F) and 10%-95% rH. The charging temperature range is between 0°C (32°F) and 40°C (104°F). Your hearing aids are designed to operate beyond the range of temperatures comfortable to you, from very cold up to 40°C (104°F). At the maximum operating temperature of 40°C (104°F), the hearing aid case temperature may reach 42°C (108°F).

Safety Standards:
Accessories provide universal Bluetooth® connectivity

With our line of sleek wireless accessories, our hearing aids work easily with the user’s smartphone, TV or media device to stream phone calls, music and more.
2.4 GHz Accessories

Table Microphone **NEW**
Users can enjoy group settings like family gatherings or noisy restaurants. Eight built-in microphones detect the primary speaker’s voice and stream it to their 2.4 GHz hearing aids.

TV Streamer
Allows users to stream audio from their television or other electronic audio source directly to their 2.4 GHz hearing aids. It offers excellent sound quality, is easy to use and supports both analog and digital input sources.

Remote Microphone +
Enjoy one-on-one conversations in noisy environments and easily stream binaurally from four different audio sources: Bluetooth, Telecoil, FM or Line-In.

Mini Remote Microphone
Your patients with older mobile devices can enjoy one-on-one conversations in noisy environments with our small, easy-to-use Mini Remote Microphone by clipping it to the clothing of the person being spoken to. It can also be used as a TV streamer by placing it near the sound source.

Remote
Also ideal for patients using older mobile devices, our remote includes updated features so they can control memory and volume, mute their 2.4 GHz hearing aids and turn other special features on and off.

Standard Charger and Custom Charger
Both chargers hold enough power to provide portable charging three times. LED indicators let patients know when their hearing aids are fully charged, and hearing aids turn on automatically when removed from the charger.

Mini Turbo Charger
A pocket-sized lithium-ion solution that provides a 3.5-hour charge in just seven minutes. A fully charged Mini Turbo Charger can completely charge a pair of hearing aids four times.
Synergy: A life-changing platform

Challenging listening environments are often barriers to better hearing, but they are made easier with 900sync technology. Our Synergy platform gives your patients immersive experiences, enhanced sound quality and reliable technology.

- **Phone**: Direct audio streaming makes phone conversations easier.
- **Television**: Lets users stream favorite TV shows easily and understand them clearly.
- **Noise**: Helps patients better understand conversations in noisy environments like restaurants.
The art and science of custom hearing aids

Hearing aid customization means creating a one-of-a-kind hearing aid that fits each patient’s exact ear anatomy for optimal comfort and performance. No two ears are alike, and that’s why we were the first to offer customization and are still the leaders in custom solutions today.

Picasso offers an immersive and impressive listening experience featuring Starkey’s superior sound enhancement system.

Picasso
CUSTOM HEARING SOLUTIONS
The technology to fit more patients

Our proven Synergy platform with Acuity OS 2 makes it easy for you to help patients who have severe-to-profound hearing loss with the 80-gain **Muse iQ Power Plus BTE 13.**
## Feature Overview

### Picasso

### Muse iQ

<table>
<thead>
<tr>
<th>Feature</th>
<th>Premium d400</th>
<th>Advanced d2000</th>
<th>Select 11600</th>
<th>Low 11200</th>
<th>Basic 1100</th>
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<tr>
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<td>Synergy</td>
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<td>Acuity Binaural Imaging</td>
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<td>✔</td>
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<td>1 2 3 4</td>
<td>1 2 3 4</td>
</tr>
<tr>
<td>Machine Noise</td>
<td>Up to 20 dB of reduction</td>
<td>Up to 10 dB of reduction</td>
<td>Up to 5 dB of reduction</td>
<td>Up to 5 dB of reduction</td>
<td>Up to 5 dB of reduction</td>
</tr>
<tr>
<td>Speech in Noise</td>
<td>Up to 20 dB of reduction</td>
<td>Up to 10 dB of reduction</td>
<td>Up to 5 dB of reduction</td>
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<td>Up to 5 dB of reduction</td>
</tr>
</tbody>
</table>

*Available for products with two microphones only.

**Available on Muse iQ Power Plus BTE 13 only.

IIC available in i2400/i2000/i1600 technology tiers only.
CIC
COMPLETELY-IN-CANAL

Picasso i2400 | i2000 | i1600
Picasso 2400 | 2000 | 1600

Color Guide

Faceplate Colors
- Dark Brown
- Chestnut
- Medium Brown
- Light Brown
- Pink
- Clear
- Light Green
- Pink
- Blue/Fed

Shell Colors
- Medium Brown
- Dark Brown
- Pink Chestnut Light
- Brown

Patient Features
- Tinnitus Technology
- Wireless Connectivity

Accessories
- SurfLink Mini Mobile System
- SurfLink Remote Microphone 2
- SurfLink Media 2
- SurfLink Remote
- SurfLink Programmer

Measurement

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>110-130</td>
<td>120-137</td>
</tr>
<tr>
<td>HFA OSPL90 (dB SPL)</td>
<td>106-124</td>
<td>N/A</td>
</tr>
<tr>
<td>RTF OSPL90 (dB SPL)</td>
<td>N/A</td>
<td>110-130</td>
</tr>
<tr>
<td>Peak Gain (dB)</td>
<td>40-70</td>
<td>51-78</td>
</tr>
<tr>
<td>HFA Full-On Gain (dB)</td>
<td>36-63</td>
<td>N/A</td>
</tr>
<tr>
<td>RTF Full-On Gain (dB)</td>
<td>N/A</td>
<td>44-68</td>
</tr>
<tr>
<td>Frequency Range (Hz)</td>
<td>&lt;100-9400</td>
<td>&lt;100-9700</td>
</tr>
<tr>
<td>Reference Test Freq. (kHz)</td>
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</tr>
<tr>
<td>HFA Frequencies (kHz)</td>
<td>1.0,1.6,2.5</td>
<td>N/A</td>
</tr>
<tr>
<td>Reference Test Gain (dB)</td>
<td>29-47</td>
<td>35-55</td>
</tr>
<tr>
<td>Equivalent Input Noise (dB)</td>
<td>&lt;25</td>
<td>&lt;25</td>
</tr>
</tbody>
</table>

Harmonic Distortion
- 500 Hz (%) <3 <3
- 800 Hz (%) <3 <3
- 1600 Hz (%) <3 <3
- ANSI/IEC Battery Current (mA) 1.2-1.5 1.2-1.5
- Idle Current (mA) 1.2-1.3 1.2-1.3

CIC Gain Data

Induction Coil Sensitivity
- HFA SPLITs (ANSI) (dB SPL) N/A N/A
- MASL (IEC) (dB SPL) N/A N/A

Estimated Battery Life
- for 16-Hour Day
  - 312 Zinc Air (days) 7-10” 7-10”
  - 10 Zinc Air (days) 4-7” 4-7”

Tinnitus Therapy Stimulus
- Max RMS Output (dB SPL) 87
- Weighted RMS Output Level (dB SPL) 87
- Max 1/3 Octave Output (dB SPL) 87

<table>
<thead>
<tr>
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<td>Induction Coil Sensitivity</td>
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<tr>
<td>HFA SPLITs (ANSI) (dB SPL)</td>
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<td>N/A</td>
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<tr>
<td>MASL (IEC) (dB SPL)</td>
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<td>N/A</td>
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<tr>
<td>Estimated Battery Life for 16-Hour Day</td>
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<tr>
<td>312 Zinc Air (days)</td>
<td>7-10”</td>
<td>7-10”</td>
</tr>
<tr>
<td>10 Zinc Air (days)</td>
<td>4-7”</td>
<td>4-7”</td>
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<tr>
<td>Tinnitus Therapy Stimulus</td>
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<tr>
<td>Max RMS Output (dB SPL)</td>
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<tr>
<td>Weighted RMS Output Level (dB SPL)</td>
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<tr>
<td>Max 1/3 Octave Output (dB SPL)</td>
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*Available with wireless products only.

**Results will vary based on wireless usage.
Hearing Level in dB (HL)

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<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
<th>110</th>
<th>120</th>
<th>130</th>
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</table>

Matrices:
- Matrix 110/40
- Matrix 115/50
- Matrix 120/60
- Matrix 130/70

Battery Size:
- 312
- 10

Patient Features
- Tinnitus Technology
- Wireless Connectivity

Accessories:
- SurfLink Mini Mobile System
- SurfLink Remote Microphone 2
- SurfLink Media 2
- SurfLink Remote
- SurfLink Programmer

Color Guide

Faceplate Colors:
- Dark Brown
- Chestnut
- Medium Brown
- Light Brown
- Pink

Shell Colors:
- Clear
- Light Brown
- Pink
- Black/Red

Fitting Range

CIC Gain Data

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>110-130</td>
<td>120-137</td>
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<td>HFA OSPL90 (dB SPL)</td>
<td>106-124</td>
<td>N/A</td>
</tr>
<tr>
<td>RTF OSPL90 (dB SPL)</td>
<td>N/A</td>
<td>110-130</td>
</tr>
<tr>
<td>Peak Gain (dB)</td>
<td>40-70</td>
<td>51-78</td>
</tr>
<tr>
<td>HFA Full-On Gain (dB)</td>
<td>36-63</td>
<td>N/A</td>
</tr>
<tr>
<td>RTF Full-On Gain (dB)</td>
<td>N/A</td>
<td>44-68</td>
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<td>Frequency Range (Hz)</td>
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<td>&lt;100-8000</td>
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<td>Reference Test Freq. (kHz)</td>
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<td>HFA Frequencies (kHz)</td>
<td>1.0,1.6,2.5</td>
<td>N/A</td>
</tr>
<tr>
<td>Reference Test Gain (dB)</td>
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<td>35-55</td>
</tr>
<tr>
<td>Equivalent Input Noise (dB)</td>
<td>&lt;25</td>
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<td>Harmonic Distortion</td>
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<td>&lt;3</td>
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<tr>
<td>500 Hz (%)</td>
<td>&lt;3</td>
<td>&lt;3</td>
</tr>
<tr>
<td>800 Hz (%)</td>
<td>&lt;3</td>
<td>&lt;3</td>
</tr>
<tr>
<td>1600 Hz (%)</td>
<td>&lt;3</td>
<td>&lt;3</td>
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</table>

Induction Coil Sensitivity
- HFA SPLITS (ANSI) (dB SPL) N/A
- MASL (IEC) (dB SPL) N/A

Battery Current (mA)
- ANSI/IEC 1.2-1.5**
- IEC OES 1.2-1.5**

Idle Current (mA)
- ANSI/IEC 1.2-1.3**
- IEC OES 1.2-1.3**

Estimated Battery Life for 16-Hour Day
- 312 Zinc Air (days) 7-10**
- 10 Zinc Air (days) 4-7**

Tinnitus Therapy Stimulus
- Max RMS Output (dB SPL) 87
- Weighted RMS Output Level (dB SPL) 87
- Max 1/3 Octave Output (dB SPL) 87

*Available with wireless products only.
**Results will vary based on wireless usage.
**Invisible-in-Canal**

**Picasso i2400 | i2000 | i1600**

**Picasso 2400 | 2000 | 1600**

**Color Guide**

<table>
<thead>
<tr>
<th>Faceplate Colors</th>
<th>Shell Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>Black</td>
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<tr>
<td>Dark Brown</td>
<td>Clear</td>
</tr>
<tr>
<td>Medium Brown</td>
<td>Dark Brown</td>
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<tr>
<td>Light Brown</td>
<td>Cocoa Brown</td>
</tr>
<tr>
<td>Pink</td>
<td>Light Brown</td>
</tr>
<tr>
<td>Black</td>
<td>Cocoa Brown</td>
</tr>
<tr>
<td>Medium Brown</td>
<td>Dark Brown</td>
</tr>
<tr>
<td>Dark Brown</td>
<td>Clear</td>
</tr>
<tr>
<td>Light Brown</td>
<td>Black</td>
</tr>
<tr>
<td>Pink</td>
<td>Medium Brown</td>
</tr>
</tbody>
</table>

**Patient Features**

- Tinnitus Technology
- Wireless Connectivity

**Accessories**

- SurfLink Mini Mobile System
- SurfLink Remote Microphone 2
- SurfLink Media 2
- SurfLink Remote
- SurfLink Programmer

**Fitting Range**

![Fitting Range Graph]

**IIC Gain Data**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>110-115</td>
<td>120-125</td>
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<tr>
<td>HFA OSPL90 (dB SPL)</td>
<td>106-109</td>
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<tr>
<td>RTF OSPL90 (dB SPL)</td>
<td>N/A</td>
<td>110-114</td>
</tr>
<tr>
<td>Peak Gain (dB)</td>
<td>35-50</td>
<td>45-61</td>
</tr>
<tr>
<td>HFA Full-On Gain (dB)</td>
<td>30-46</td>
<td>N/A</td>
</tr>
<tr>
<td>RTF Full-On Gain (dB)</td>
<td>N/A</td>
<td>39-46</td>
</tr>
<tr>
<td>Frequency Range (Hz)</td>
<td>&lt;100-9400</td>
<td>&lt;100-9700</td>
</tr>
<tr>
<td>Reference Test Freq. (kHz)</td>
<td>N/A</td>
<td>1.6</td>
</tr>
<tr>
<td>HFA Frequencies (kHz)</td>
<td>1.0,1.6,2.5</td>
<td>N/A</td>
</tr>
<tr>
<td>Reference Test Gain (dB)</td>
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<td>32-37</td>
</tr>
<tr>
<td>Equivalent Input Noise (dB)</td>
<td>&lt;25</td>
<td>&lt;25</td>
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</tbody>
</table>

**Harmonic Distortion**

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

**IIC Gain Data**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
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</thead>
<tbody>
<tr>
<td>Induction Coil Sensitivity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HFA SPLITS (ANSI) (dB SPL)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>MASL (IEC) (dB SPL)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>ANSI/IEC Battery Current (mA)</td>
<td>1.2-1.5&quot;</td>
<td>1.2-1.4&quot;</td>
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<tr>
<td>Idle Current (mA)</td>
<td>1.2&quot;</td>
<td>1.2&quot;</td>
</tr>
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</table>

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

- 10 Zinc Air (days) | 4-7" |

**Tinnitus Therapy Stimulus**

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

*Available with wireless products only.
*Results will vary based on wireless usage.
Muse iQ Power Plus BTE 13

SYNERGY PLATFORM

**Color Guide**

- Standard Colors
- Bright White with Sterling
- Black
- Slate
- Sterling
- Espresso
- Bronze
- Champagne

**Patient Features**

- Tinnitus Technology
- CROS System
- Telecoil
- IP Rating 68

**Accessories**

- SurfLink Mini Mobile System
- SurfLink Remote Microphone 2
- SurfLink Media 2
- SurfLink Remote
- SurfLink Programmer

---

**Fitting Range**

---

**Measurement**

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<th>ANSI/IEC 2cc Coupler</th>
<th>IEC OES Coupler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak OSPL90 (dB SPL)</td>
<td>140</td>
<td>142</td>
</tr>
<tr>
<td>HFA OSPL90 (dB SPL)</td>
<td>131</td>
<td>N/A</td>
</tr>
<tr>
<td>RTF OSPL90 (dB SPL)</td>
<td>N/A</td>
<td>136</td>
</tr>
<tr>
<td>Peak Gain (dB)</td>
<td>80</td>
<td>84</td>
</tr>
<tr>
<td>HFA Full-On Gain (dB)</td>
<td>72</td>
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</tr>
<tr>
<td>RTF Full-On Gain (dB)</td>
<td>N/A</td>
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<td>Frequency Range (Hz)</td>
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<td>HFA Frequencies (kHz)</td>
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<td>500 Hz (%)</td>
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<td>800 Hz (%)</td>
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<td>&lt;3</td>
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<th>IEC OES Coupler</th>
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<tbody>
<tr>
<td>Induction Coil Sensitivity</td>
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<tr>
<td>HFA SPLITS (ANSI) (dB SPL)</td>
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<tr>
<td>MASL (IEC) (dB SPL)</td>
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<td>1.8°</td>
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<tr>
<td>Battery Current (mA)</td>
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</tr>
<tr>
<td>Estimated Battery Life for 16-Hour Day</td>
<td>7-11°</td>
<td>7-11°</td>
</tr>
<tr>
<td>312 Zinc Air (days)</td>
<td>7-10°</td>
<td>7-10°</td>
</tr>
</tbody>
</table>

---

**Tinnitus Therapy Stimulus**

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

---

*Results will vary based on wireless usage.*
**POWER PLUS BTE 13**

**BEHIND-THE-EAR**

Muse iQ i1200 | i1000

**Color Guide**

- Bright White with Sterling
- Slate
- Sterling
- Express
- Bronze
- Champagne

**Patient Features**
- Tinnitus Technology
- Telecoil
- IP Rating 68

**Accessories**
- SurfLink Mini Mobile System
- SurfLink Remote Microphone 2
- SurfLink Media 2
- SurfLink Remote
- SurfLink Programmer

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<td>140</td>
<td>142</td>
<td>132</td>
<td>136</td>
</tr>
<tr>
<td>HFA OSPL90 (dB SPL)</td>
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<td>N/A</td>
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<tr>
<td>RTF OSPL90 (dB SPL)</td>
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<td>125</td>
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<td>Peak Gain (dB)</td>
<td>80</td>
<td>84</td>
<td>76</td>
<td>82</td>
</tr>
<tr>
<td>HFA Full-On Gain (dB)</td>
<td>72</td>
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<td>59</td>
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<tr>
<td>RTF Full-On Gain (dB)</td>
<td>N/A</td>
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<td>N/A</td>
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<tr>
<td>Frequency Range (Hz)</td>
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<td>&lt;100-7000</td>
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<td>Reference Test Freq. (kHz)</td>
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<td>N/A</td>
<td>1.6</td>
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<tr>
<td>HFA Frequencies (kHz)</td>
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<td>1.0,1.6,2.5</td>
<td>N/A</td>
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<td>Reference Test Gain (dB)</td>
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<td>41</td>
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<td>Equivalent Input Noise (dB)</td>
<td>23</td>
<td>23</td>
<td>23</td>
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</tr>
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</table>

**Harmonic Distortion**

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

**Induction Coil Sensitivity**

- HFA SPLITS (ANSI) (dB SPL) 112 N/A 99 N/A
- MASL (IEC) (dB SPL) 98 N/A 87 N/A

**Battery Current (mA)**

- 2.5* 1.8* 2.5* 1.8*
- Idle Current (mA) 1.5* 1.5* 1.5* 1.5*

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

- 312 Zinc Air (days) 7-10* 7-10* 7-10* 7-10*

**Tinnitus Therapy Stimulus**

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

*Results will vary based on wireless usage.
The Starkey CROS System includes products specifically designed for patients who need sound routed to a better hearing ear. Starkey’s CROS solution transmits sound wirelessly from a microphone placed on a patient’s unaidable ear to a receiver fitted on a patient’s better hearing ear. Devices can also be configured as a BiCROS solution for patients who need amplification in their better hearing ear.

Special Features
• Clear and consistent wireless streaming using 900sync technology
• Acuity OS 2 brings audibility and speech understanding to patients in any environment
• Full Acuity Immersion Directionality on the CROS transmitter
• Telecoil standard in Muse iQ CROS receivers
• Compatible with SurfLink accessories

Compatibility
Muse iQ Power Plus BTE 13 CROS is compatible with Muse iQ Power Plus BTE 13

Battery Information
<table>
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<tr>
<th>Model</th>
<th>Battery size</th>
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<th>ANSI code</th>
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<tr>
<td>Muse iQ Power Plus BTE 13 CROS</td>
<td>13</td>
<td>PR48</td>
<td>7000ZD</td>
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Audio Information
Audio Quality: 20 kHz sampling frequency

Radio Information
Antenna type: Integral Dual Parallel Loop Antenna
Operation frequency: 902-928 MHz
Occupied bandwidth (99% BW): 300 kHz
Modulation: FSK
Operating range: 1 m
Wearing options: Behind-The-Ear
Use case: Streaming of audio signal to receiving hearing aid on the other ear
Transmit Power: Power Plus BTE 13: -22 dBm

Standards Applied
USA
FCC ID: EOA-EXPSTANDARD
Power Plus BTE 13 FCC ID: EOA-MUSEPOWER13

Canada
IC: 6903A-EXPSTANDARD
Power Plus BTE 13 IC: 6903A-MUSEPOWER13

General Information
Transportation and storage conditions for Zinc Air Products:
-40°C (-40°F) to +60°C (140°F) and 10%-95% rH. Your hearing aids are designed to operate beyond the range of temperatures comfortable to you, from very cold up to 50°C (122°F).

Safety Standards:
Made for a wireless landscape

Our innovative line of SurfLink accessories—combined with our wireless hearing aids—let patients live life the way they want, no wires attached.
**SurfLink Remote**

With the SurfLink Remote, patients can control memory and volume adjustments, mute their wireless Picasso and Muse iQ hearing aids or go in and out of streaming mode. Available in advanced and basic models.

**SurfLink Media 2**

SurfLink Media 2 is a set-and-forget media streaming solution that connects to TVs, MP3 players and more, to wirelessly stream audio directly to your wireless Picasso and Muse iQ hearing aids.

**SurfLink Remote Microphone 2**

The SurfLink Remote Microphone 2 is designed to stream audio directly to your patients’ wireless Picasso and Muse iQ hearing aids. This discreet, lightweight device can be worn by a conversation partner to aid patients in one-on-one conversations or settings with multiple speakers.

**SurfLink Mini Mobile System**

The SurfLink Mini Mobile System is a small and simple cell phone streaming solution. Patients can connect any device that’s compatible with Bluetooth technology to their wireless Picasso or Muse iQ hearing aid.
## Earmold and Earplug Options

### MATERIALS AND OPTIONS

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<tr>
<th>Lucite</th>
<th>Digital SLS</th>
<th>Ultraflex</th>
<th>High Strength Silicone 60</th>
<th>High Strength Silicone 40</th>
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The higher the shore value, the harder the material.

### Earmolds, specialty molds, plugs

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<thead>
<tr>
<th>BTE and Thin Tube molds; not RIC molds</th>
<th>RIC, BTE, and Thin Tube molds</th>
<th>Specialty molds, Silicone allergies</th>
<th>Earmolds, specialty molds, plugs</th>
<th>Earmolds, specialty molds, plugs</th>
<th>Swim plugs</th>
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<tr>
<td>Twirl - 3 colors, Glitter</td>
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<td>Twirl - 3 colors, Glitter</td>
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### Glitter Colors

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### Custom RIC Earmolds

#### Hard Material Styles
**DIGITAL SLS/LUCITE**
- AP EMBEDDED
- RIC SOLID CANAL
- RIC CANAL
- RIC CANAL LOCK
- RIC HALF SHELL
- RIC 3/4 SHELL
- RIC SHELL
- RIC 3/4 SKELETON
- RIC SKELETON
- RIC HELIX

#### Soft Material Styles
**HIGH STRENGTH SILICONE**
- RIC CANAL
- RIC HOLLOW CANAL
- RIC CANAL LOCK
- RIC HALF SHELL
- RIC 3/4 SHELL
- RIC SHELL
- RIC 3/4 SKELETON
- RIC SKELETON
- RIC HELIX
- RIC OCCLUDED HELIX

**DEFAULT COLOR FOR BOTH MATERIALS IS CLEAR**
### Custom Thin Tube Earmolds

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**DEFAULT COLOR FOR BOTH MATERIALS IS CLEAR**

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<th><strong>OPEN COMFORT BUD</strong></th>
<th><strong>OCCLUDED COMFORT BUD</strong></th>
<th><strong>POWER DOMES</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra Small</td>
<td>Standard</td>
<td>5mm, 6mm, 7mm, 9mm, 11mm</td>
<td>5mm, 6mm, 7mm, 9mm, 11mm</td>
<td>5mm, 6mm, 7mm, 9mm, 11mm</td>
</tr>
<tr>
<td>Small</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Standard</td>
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</tbody>
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<table>
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<tr>
<th><strong>STOCK HOLLOW SILICONE</strong></th>
<th><strong>STOCK THIN TUBE SOLUTION</strong></th>
<th><strong>OPEN COMFORT BUD</strong></th>
<th><strong>OCCLUDED COMFORT BUD</strong></th>
<th><strong>POWER DOMES</strong></th>
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</tr>
<tr>
<td>Standard</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### RIC Receiver Options

- 40 gain
- 50 gain
- 60 gain
Custom BTE Earmolds

Hard Material Styles
DIGITAL SLS/LUCITE

Soft Material Styles
HIGH STRENGTH SILICONE

DEFAULT COLOR FOR BOTH MATERIALS IS CLEAR

Earmold Vent Size Chart

<table>
<thead>
<tr>
<th>VENT NAME</th>
<th>APPROXIMATE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure Vent</td>
<td>0.8mm</td>
</tr>
<tr>
<td>Small</td>
<td>1.2mm</td>
</tr>
<tr>
<td>Medium</td>
<td>1.8mm</td>
</tr>
<tr>
<td>Large</td>
<td>2.55mm</td>
</tr>
<tr>
<td>Select-A-Vent</td>
<td>3.37mm</td>
</tr>
<tr>
<td>Extra Large</td>
<td>As large as canal allows</td>
</tr>
</tbody>
</table>

VENT SIZE IS LIMITED BY EAR ANATOMY
Exposure to excessive noise is a common cause of permanent hearing loss. It can happen on the job, during a concert, while hunting or shooting, or even while mowing the lawn. Electronic and non-electronic hearing protection products from SoundGear provide the solution.
Electronic Custom Fit

SoundGear custom products are for those who are looking for exceptional performance and personalization. Each pair is custom molded to the wearer’s ears and features the most advanced 100 percent digital hearing protection and enhancement technology on the market.

Platinum
Matrix: 95/30 | NRR: 24-26 dB
- 4 Digital Listening Modes: (Normal, High Frequency Boost + Max Wind Management, Telecoil, Mute)
- Helix Microphone
- Not Field Programmable

Complete Kit Contains:
- Zipper carrying case
- One (1) pair of SoundGear electronic hearing protection devices
- Black removable lanyard system
- Two (2) packs of batteries (Size 13)
- One (1) cleaning brush
- Two (2) packs Hear Clear wax guards
- 1-year, Worry-Free repair warranty

Silver
Matrix: 95/30 | NRR: 24-26 dB
- 1 Digital Listening Mode: (Normal)
- Helix Microphone
- Not Field Programmable

Complete Kit Contains:
- Zipper carrying case
- One (1) pair of SoundGear electronic hearing protection devices
- Black removable lanyard system
- Two (2) packs of batteries (Size 13)
- One (1) cleaning brush
- Two (2) packs Hear Clear wax guards
- 1-year, Worry-Free repair warranty
Electronic
Instant Fit

SoundGear In-the-Canal is the smallest and lightest dynamic digital hearing protection product available. It’s ideal for the hunter or shooter looking for an edge, or industrial workers looking for all-day comfort. Ready to wear right out of the box, it rests discreetly inside the user’s ear to deliver natural wind reduction and superior sound quality.

Hunter and Shooter Model
93/15 Matrix  |  NRR: 25 dB

Industrial Model
80/8 Matrix  |  NRR: 25 dB

Complete Kit Contains:
- Zipper carrying case
- One (1) pair of SoundGear electronic hearing protection devices
- Two (2) pairs of orange silicone sleeves [1] small [1] large
- Two (2) packs of batteries [Size 10]
- One (1) cleaning brush
- 1-year, Worry-Free repair warranty

Non-Electronic
Custom

As industry leaders in custom hearing instruments, we at Starkey — in partnership with SoundGear — apply the same manufacturing and technology expertise to our earplug solutions. They are customized for every patient resulting in the best custom-fit hearing protection available.

Solid Ear Plugs
NRR: 27 dB
- Full Shell

Filtered Ear Plugs
NRR: 10-26 dB
- Interchangeable Filters: 10 dB, 17 dB, 26 dB, Impulse or Solid
- Attenuate across all frequencies
- Full Shell or Canal Style

High-Frequency Noise Filters
(Hocks Noise Braker)
NRR: 19-22 dB
- Full Shell

Complete Kit Contains:
- Zipper carrying case
- Earmolds
- Black removable lanyard system

Refer to color guide on page 110 for High Strength Silicone 40 color options.
Measurements

The data for Starkey hearing instruments are obtained and performance is expressed according to ANSI S3.22 (2009), IEEE C63.19 (2011), IEC 60118-7 (2005) and IEC 60118-0 (1983) with Amendment 1 (1994-01). The Starkey proprietary Real Time Analyzer and the Starkey Automated Design Verification Test System (SADVTS) comprise the basic test equipment. Data may be subject to change with product refinement.

Because of the adaptive signal processing capabilities of Starkey hearing instruments, the hearing instrument must be set to test mode to compare the actual performance of the hearing instrument with these specifications. Starkey hearing instruments may be set to test mode with Inspire X by reading the hearing aid and selecting the “Hearing Aid Test” screen from the menu on the left side of the Inspire X window, then selecting the “Full-on Gain” button.

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Contact us

Customer Support:
(800) 328-8602

For all Livio Edge AI product information:
StarkeyPro.com/Livio-AI

For additional Starkey resources:
StarkeyPro.com

For Thrive Hearing Control app compatibility information:
starkey.com/thrivesupport
February 2020

Next-generation sound never before possible

2019

Livio Edge AI is built on the revolutionary technology recognized as one of Time Magazine's 100 Best Inventions of 2019.

Award-winning technology

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Powerful rechargeability

Introducing the world’s first 2.4 GHz custom rechargeables