The Cochlear™ Baha® 5 SuperPower Sound Processor is the most powerful head-worn bone conduction sound processor. It is a Made for iPhone® Hearing Device that supports direct audio streaming from an iPhone®, iPad® or iPod® touch. The Baha 5 SuperPower has been developed to meet the needs of patients with a moderate to severe mixed hearing loss.

Powered by the Ardium™ Smart Wireless platform with the SmartSound® iQ signal processing technology and new BCDrive™ transducer technology, the Baha 5 SuperPower is designed to ensure that your patients will benefit from the best hearing experience across a variety of sound environments. The Baha 5 SuperPower is based on Baha bone conduction technology and designed to work with the Cochlear Baha Connect System, the Cochlear Baha Attract System, the Cochlear Baha Connect System and the Cochlear Baha Softband.

Features

- Fully programmable, SuperPower head-worn sound processor with Bluetooth® Smart technology
- Made for iPhone Hearing Device with direct audio and data streaming
- 2.4 GHz Wireless technology that connects to Cochlear Wireless Accessories
- BCDrive transducer technology
- 17 channel sound analysis with Wide-band Dynamic Range Compression and Natural Sound Resolution
- 4 user-defined programs with dedicated listening programs for music, outdoor and noisy environments
- Scene Classifier II controlling:
  - Noise Manager II
  - Active balanced directionality
  - Active gain
- Pinna compensation
- Control Sync for bilateral synchronization of program change and streaming
- Dual Track Feedback Manager
- Dedicated fitting algorithms for mixed loss, conductive loss and SSD
- Patient optimized fitting with Baha Fitting Software (5.1 or later)
- Wireless fitting with Airlink
- Compatible with FM and digital wireless ALD systems by connecting a body-worn receiver of the listening system to the line input of the Cochlear Wireless Mini Microphone

Fitting range

![Bone Conduction Thresholds](image)

The Baha 5 SuperPower is suitable for individuals with bone conduction thresholds within the yellow area indicated in the fitting range. For further details, see the Candidate Selection Guide.

Apps

- Baha 5 Smart App
  www.Cochlear.com/US
  Compatible with iPhone, iPad and iPod touch.
- Baha Control App
  www.Cochlear.com/US
  Compatible with iPhone, iPad and iPod touch and Android smartphones.
  Requires Cochlear Wireless Phone Clip.
- Baha Support App
  www.Cochlear.com/US
  Compatible with iPhone, iPad and iPod touch and Android smartphones.

Ordering information

The Cochlear Baha 5 SuperPower Sound Processor is delivered in a kit that includes the sound processor, an abutment cover, a cleaning kit, and a document pack. When ordering, use the order form to ensure correct product configuration. It contains important information such as the Patient User Manual and the warranty card.

For full ordering information, see the Product Catalog.

Baha 5 SuperPower is available in four different colors:

- Carbon
- Mocha
- Smoke
- Maize
**Baha 5 Connect System**
Measured on skull simulator TU1000.

- **Maximum output force level**
  - Frequency [Hz]
  - Output force level in dB rel. 1 μN

- **Full-on gain**
  - Frequency [Hz]
  - Output force level in dB rel. 1 μN

**Baha 5 Attract System**
Measured on Artificial Mastoid IEC 60318-6.

- **Maximum output force level**
  - Frequency [Hz]
  - Output force level in dB rel. 1 μN

- **Full-on gain**
  - Frequency [Hz]
  - Output force level in dB rel. 1 μN

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### Technical information (Measurements at full gain)

<table>
<thead>
<tr>
<th></th>
<th>Baha 5 Connect System</th>
<th>Baha 5 Attract System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range</td>
<td>250-7000 Hz (ANSI 3.22)</td>
<td>250-7000 Hz (ANSI 3.22)</td>
</tr>
<tr>
<td>Peak OFL at 90 dB SPL</td>
<td>133 dB (rel 1 μN)</td>
<td>134 dB (rel 1 μN)</td>
</tr>
<tr>
<td>Peak OFL at 60 dB SPL</td>
<td>121 dB (rel 1 μN)</td>
<td>123 dB (rel 1 μN)</td>
</tr>
<tr>
<td>Acousto-Mechanical Gain</td>
<td>55 dB (rel 1 μN/20 μPa)</td>
<td>58 dB (rel 1 μN/20 μPa)</td>
</tr>
<tr>
<td>Total Harmonic Distortion</td>
<td>Below 3% above 600 Hz</td>
<td>Below 3% above 600 Hz</td>
</tr>
</tbody>
</table>

- **Actuator Unit Weight**: 14.4 g
- **Actuator Unit Size**: 28 mm x 17 mm x 14 mm
- **Sound Processing Unit weight**: 10.2 g
- **Sound Processing Unit Size**: 39 mm x 9 mm x 48 mm
- **Battery Type**: Rechargeable Lithium-Ion
- **Battery Voltage**: 3.6-4.2 V
- **Current Consumption**: 1.6 mA (in silence), 3.4 mA (at 60 dB SPL, 1600 Hz)
- **Equivalent Input Noise Level**: <26 dB SPL
- **Processing Delay**: 4.5 ms

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** The Baha 5 Attract System consists of a compatible Baha sound processor, SP magnet, implant magnet and implant. For details regarding compatibility visit www.Cochlear.com/US.

† The Baha 5 Sound Processor is also compatible with the Cochlear Baha Remote Control (94765)

‡ Weight and size with Medium Earhook and Compact Rechargeable battery module.

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The Cochlear Baha 5 SuperPower is compatible with iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPad Air 2, iPad Air, iPad (4th generation), iPad mini 3, iPad mini 2, iPad mini and iPod touch (5th generation) using iOS7.* or later.

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