

Cochlear™ Baha® 5 SuperPower



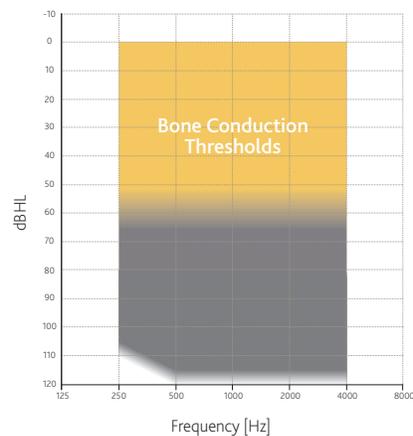
The Cochlear™ Baha® 5 SuperPower Sound Processor is the most powerful head-worn bone conduction sound processor. It is a Made for iPhone® Hearing Device that supports direct audio streaming from an iPhone®, iPad® or iPod® touch. The Baha 5 SuperPower has been developed to meet the needs of patients with 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 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 ≤ 65 dB HL averaged across 500, 1000, 2000, and 3000 Hz
- Air-conduction thresholds may extend into this area

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.

Wireless accessories

Cochlear Baha Remote Control Z†
Order no. 94791 (US)

Cochlear Wireless Mini Microphone
Order no. 94781 (US)

Cochlear Wireless Phone Clip
Order no. 94771 (US)

Cochlear Wireless TV Streamer
Order no. 94761 (US)

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

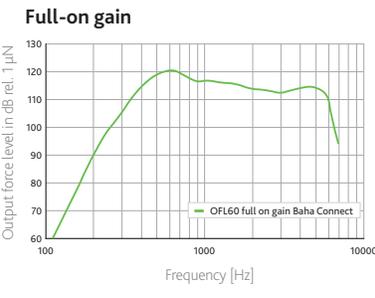
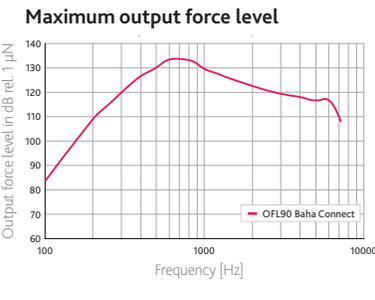


- 1. Sound Processing unit
- 2. Actuator unit
- 3. Cable
- 4. Microphones
- 5. Battery
- 6. Ear hook
- 7. Plastic snap connector
- 8. Buttons
- 9. Visual indicator

Sound processor not shown in actual size.

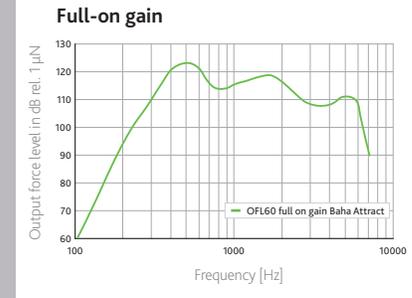
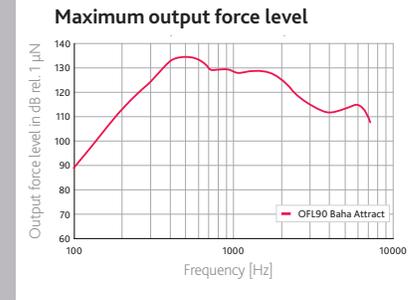
Baha 5 Connect System*

Measured on skull simulator TU1000.



Baha 5 Attract System**

Measured on Artificial Mastoid IEC 60318-6.



Technical information (Measurements at full gain)

Frequency Range	250-7000 Hz (ANSI 3.22)	250-7000 Hz (ANSI 3.22)
Peak OFL at 90 dB SPL	133 dB (rel 1 µN)	134 dB (rel 1 µN)
Peak OFL at 60 dB SPL	121 dB (rel 1 µN)	123 dB (rel 1 µN)
Acousto-Mechanical Gain (at 60 dB SPL, 1600 Hz)	55 dB (rel 1 µN / 20 µPa)	58 dB (rel 1 µN / 20 µPa)
Total Harmonic Distortion (at 60 dB SPL, reference test gain acc. IEC 60118-9)	Below 3% above 600 Hz	Below 3% above 600 Hz
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	

* The Cochlear Baha Connect System consists of a compatible Baha sound processor, abutment and implant. For details regarding compatibility visit www.Cochlear.com.

** The Cochlear Baha 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.

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.

www.Cochlear.com/US

Cochlear Americas
13059 East Peakview Avenue
Centennial, CO 80111 USA
Telephone: 1 303 790 9010
Support: 1 800 483 3123

Cochlear Canada Inc.
2500-120 Adelaide Street West
Toronto, ON M5H 1T1 Canada
Telephone: 1 416 972 5082
Fax: 1 416 972 5083

©Cochlear Limited 2016. All rights reserved. Hear now. And always and other trademarks and registered trademarks are the property of Cochlear Limited or Cochlear Bone Anchored Solutions AB. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.



BUN397 ISS1 JAN16

Apple, the Apple logo, FaceTime, iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.

Hear now. And always



Cochlear®