

DATASHEET

Cochlear™ Baha® 5 Power

Cochlear Baha Connect System¹ & Cochlear Baha Attract System²



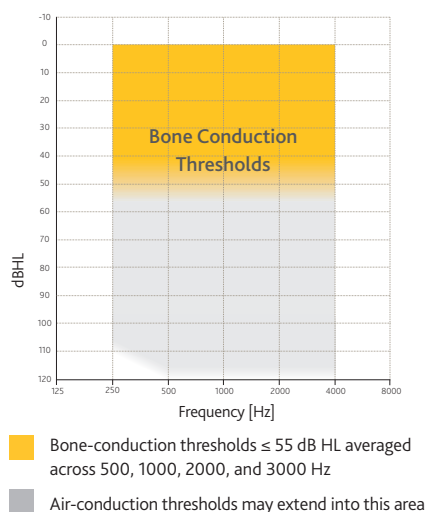
The Cochlear™ Baha® 5 Power Sound Processor is a highly advanced bone conduction sound processor from Cochlear. It features sophisticated signal processing and wireless technology. It is a Made for iPhone Hearing Device that supports direct audio streaming from iPhone®, iPad® and iPod touch®. The Baha 5 Power has been developed to meet the needs of patients with mixed hearing loss and single-sided sensorineural deafness (SSD).

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

Features

- Fully programmable, power head-worn sound processor with Bluetooth® Smart technology
- Made for iPhone Hearing Device with support for 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
- Volume rocker to adjust volume settings
- Visual indicator
- Scene Classifier II controlling:
 - Noise Manager II
 - Active Balanced Directionality
 - Active Gain
- Position Compensation II
- Control Sync for bilateral synchronization of program change and streaming
- Dual Track Feedback Manager
- Dedicated fitting rationales for mixed loss, conductive loss and SSD
- Patient optimized fitting with Baha Fitting Software (5.2 or later)
- Wireless fitting with NOAHLink Wireless
- Compatible with FM and digital wireless ALD systems through the Cochlear Wireless Mini Microphone 2+.

Fitting range



The Baha 5 Power 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 2³
Order no. 94791 (US)

Cochlear Wireless Mini Microphone 2+⁴
Mini Microphone 2+
Order no. P770848 (US)

Cochlear Wireless Phone Clip
Order no. 94771 (US)

Cochlear Wireless TV Streamer
Order no. 94761 (US)

Apps

Baha 5 Smart App

Connects directly to control and monitor the sound processor from your smartphone. The app works with iPhone, iPad, iPod touch and compatible Android device.⁵

Baha Control App

Connects via Cochlear Wireless Phone Clip to control the sound processor.

Baha Support App

Contains product support (incl. videos) for the sound processor.

Visit www.Cochlear.com/US for more information.

Ordering information

The Cochlear Baha 5 Power is delivered in a kit that includes the sound processor, an abutment cover, batteries, a cleaning kit, a tamper-proof tool, a safety line and a document pack. The Baha 5 Power also comes with a small test rod that allows wearers to 'share their Baha experience' with friends and family.

When ordering, specify the language requirement for the document pack (contains important information such as the user manual and warranty card). The sound processor will be delivered with a document pack in the appropriate language.

Baha 5 Power	Order no.
■ Baha 5 Power Blonde	95470
■ Baha 5 Power Black	95471
■ Baha 5 Power Silver	95472
■ Baha 5 Power Brown	95473
■ Baha 5 Power Copper	95474
■ Baha 5 Power Demo	95475

Made for



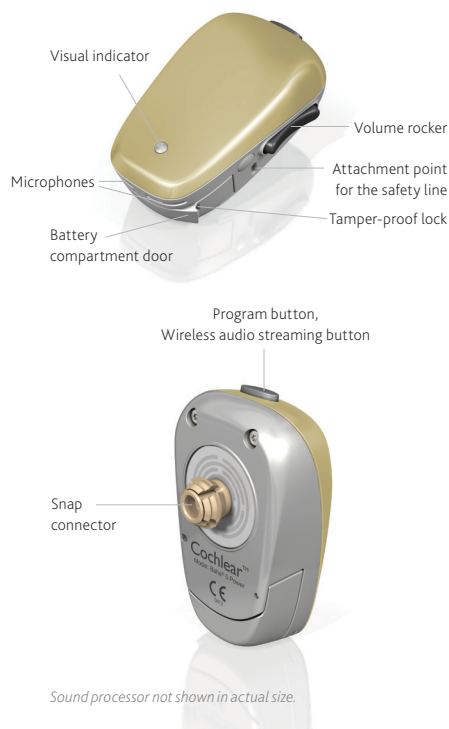
iPod



iPhone

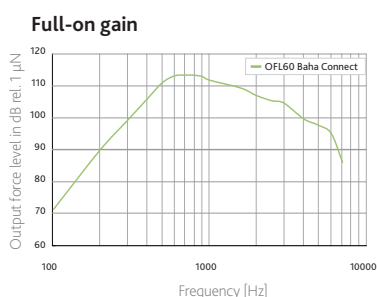
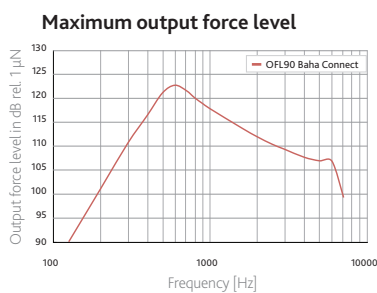


iPad



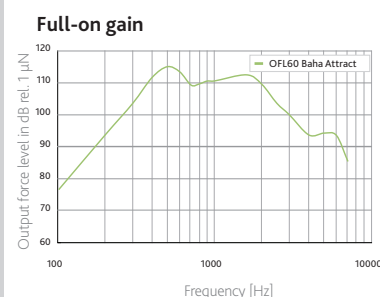
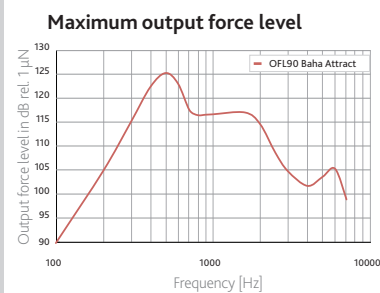
Baha Connect System with Baha 5 Power

Measured on skull simulator TU1000.



Baha Attract System with Baha 5 Power

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	123 dB (rel 1 µN)	125 dB (rel 1 µN)
Peak OFL at 60 dB SPL	113 dB (rel 1 µN)	115 dB (rel 1 µN)
Acousto Mechanical Gain (at 60 dB SPL, 1600 Hz)	49 dB (rel 1 µN / 20 µPa)	53 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
Weight, excluding battery	17 g	
Size	36 mm × 22 mm × 13 mm	
Battery Type	675 (Zinc-Air)	
Average Battery Life Time	Typically 80–160 hours*	
Current Consumption	1.2 mA (in silence) 1.4 mA (at 60dB SPL, 1600 Hz)	
Equivalent Input Noise Level	<26 dB SPL	
Processing Delay	4.5 ms	

¹ The Cochlear Baha Connect System consists of a compatible Baha Sound Processor, abutment and implant. For details regarding compatibility visit www.Cochlear.com/US

² The Cochlear Baha Attract System consists of a compatible Baha Sound Processor, sound processor magnet, implant magnet and implant. For details regarding compatibility visit www.Cochlear.com/US

³ The Baha 5 Power is compatible with the Cochlear Baha Remote Control (94765)

⁴ The Baha 5 Power is also compatible with the Cochlear Wireless Mini Microphone, 94781 (US) and Mini Microphone 2 (P770844).

⁵ The Baha 5 Smart App is verified on Samsung Galaxy S5, S6 and S7 running Lollipop, Marshmallow and Nougat OS. Refer to www.cochlear.com/US for full device and OS compatibility.

* Dependent on streaming, sound environment and gain settings.

Cochlear Baha 5 Sound Processors are compatible with iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPad Air 2, iPad Air, iPad (4th generation), iPad mini with retina display, iPad mini and iPod touch (5th generation) running iOS 7.X or later.

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Not everyone with hearing loss is a candidate for a Baha. All surgical procedures include an element of risk, and it is impossible to guarantee success. For complete information regarding the risks and benefits of a Baha procedure, please refer to the Instructions for use for the Baha Implant available at www.Cochlear.com/US/BahaIndications

www.Cochlear.com/US

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