

DATASHEET

Cochlear™ Baha® 5 Sound Processor

Cochlear Baha Connect System* & Cochlear Baha Attract System**



reddot award 2015
winner

Made for

iPhone | iPad | iPod

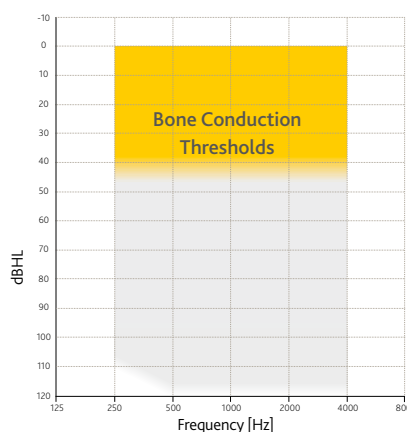
The award winning Cochlear™ Baha® 5 Sound Processor is the smallest, most advanced bone conduction sound processor from Cochlear. It is a Made for iPhone Hearing Device that supports direct audio streaming from an iPhone®, iPad® and iPod touch®. The Baha 5 Sound Processor has been developed to meet the needs of patients with conductive loss, mixed loss and single-sided deafness (SSD).

Powered by the Ardium™ Smart Wireless platform with the SmartSound® iQ signal processing technology and the new BCDrive™ transducer technology, the Baha 5 Sound Processor is designed to ensure that your patients will benefit from their best hearing experience across a variety of sound environments. The Baha 5 Sound Processor 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, premium 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
- Scene Classifier II controlling:
 - Noise Manager II
 - Active Gain
 - Active Balanced Directionality
 - Active Bilateral Directionality
- Position Compensation II
- Control Sync for bilateral synchronization of program change and streaming
- Dual Track Feedback Manager
- Dedicated fitting parameters for mixed loss, conductive loss and SSD
- Patient optimized fitting with Baha Fitting Software (5.0 or later)
- Wireless fitting with NOAHLink Wireless
- Compatible with FM and digital wireless ALD systems through the Cochlear Wireless Mini Microphone 2+.[†]
- IP63 classified[‡]

Fitting range



■ Bone-conduction thresholds ≤ 45 dB HL averaged across 500, 1000, 2000, and 3000 Hz

■ Air-conduction thresholds may extend into this area

The Baha 5 Sound Processor 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 devices

Cochlear Baha Remote Control 2[§]
Order no. 94791

Cochlear Wireless Mini Microphone 2+[†]
Mini Microphone 2+
Order no. P770848

Cochlear Wireless Phone Clip
Order no. 94771

Cochlear Wireless TV Streamer
Order no. 94761

Apps

Baha 5 Smart App

Connects directly to control and monitor the sound processor.

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

Ordering information

The Cochlear Baha 5 Sound Processor is delivered in a kit that includes the sound processor, abutment cover, batteries, cleaning kit, safety line and user manual. The Baha 5 Sound Processor 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 Sound Processor

	Order no.
Baha 5 Sound Processor Blonde	95201
Baha 5 Sound Processor Black	95202
Baha 5 Sound Processor Silver	95203
Baha 5 Sound Processor Brown	95204
Baha 5 Sound Processor Copper	95205
Baha 5 Sound Processor Demo	95207

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

** 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/compatibility.

† The Baha 5 Sound Processor is also compatible with the Cochlear Wireless Mini Microphone 2 (P770844) and the Mini Microphone (94781) (US).

‡ IP63 classification excludes battery compartment. The Baha 5 Sound Processor is not waterproof. Never wear it in heavy rain, in the bath or shower!

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

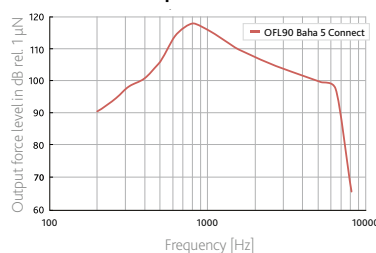


Sound processor not shown in actual size.

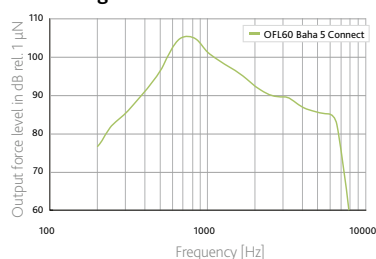
Baha Connect System with Baha 5 Sound Processor

Measured on skull simulator TU1000.

Maximum output force level



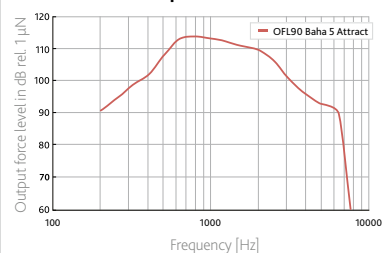
Full-on gain



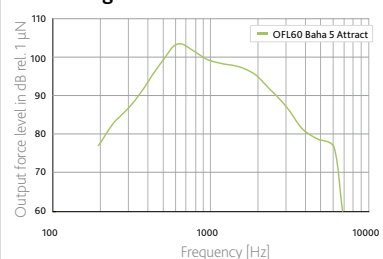
Baha Attract System with Baha 5 Sound Processor

Measured on Artificial Mastoid IEC 60318-6.

Maximum output force level



Full-on gain



Technical information (Measurements at full gain)

Frequency range	250–7000 Hz (ANSI 3.22)	250–6300 Hz (ANSI 3.22)
Peak OFL at 90 dB SPL	117 dB (rel 1 µN)	114 dB (rel 1 µN)
Peak OFL at 60 dB SPL	105 dB (rel 1 µN)	104 dB (rel 1 µN)
Acousto Mechanical Gain (at 60 dB SPL, 1600 Hz)	35 dB (rel 1 µN / 20 µPa)	37 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	9.8 g	
Size	26 mm × 19 mm × 12 mm	
Battery type	312 (PR 41, Zinc-Air)	
Average battery life time	Typically 40–100 hours*	
Current consumption	1.4 mA (in silence), 1.9 mA (at 60 dB SPL, 1600 Hz)	
Equivalent Input Noise Level	<26 dB SPL	
Processing delay	4.5 ms	

* Dependent on streaming, sound environments and gain settings.

For compatibility information visit www.cochlear.com/compatibility.

NOTE: Not all products are available in all markets. Product availability is subject to regulatory approval in respective markets. Images are not to scale.

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