

## DATASHEET

# Cochlear™ Baha® 5 Power

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



Made for  
iPhone | iPad | iPod

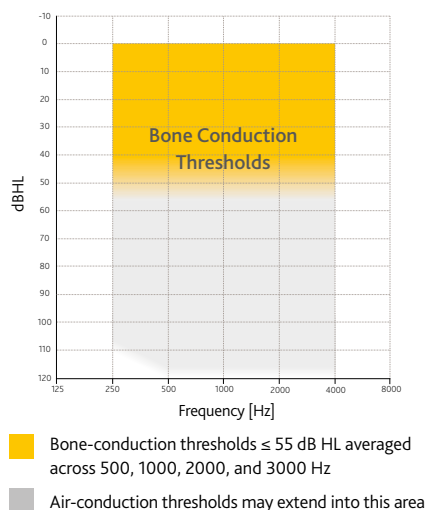
The Cochlear™ Baha® 5 Power Sound Processor is a highly advanced bone conduction sound processor from Cochlear. It features sophisticated signal processing and wireless technology. It is a Made for iPhone Hearing Device that supports direct audio streaming from iPhone®, iPad® and iPod touch®. The Baha 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+.<sup>†</sup>
- IP63 classified<sup>‡</sup>

## 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 2<sup>§</sup>**

Order no. 94791 (US)

**Cochlear Wireless Mini Microphone 2+<sup>†</sup>**

**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.

Visit [www.Cochlear.com/US](http://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

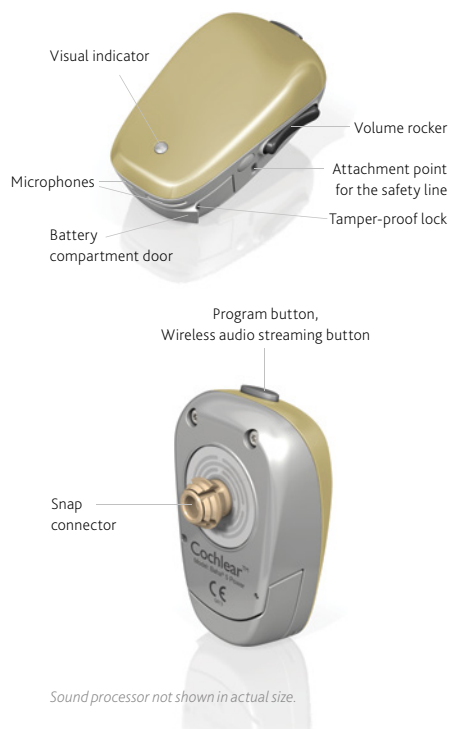
\*The Cochlear Baha Connect System consists of a compatible Baha sound processor, abutment and implant. For details regarding compatibility visit [www.cochlear.com/compatibility](http://www.cochlear.com/compatibility).

\*\*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/compatibility](http://www.cochlear.com/compatibility).

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

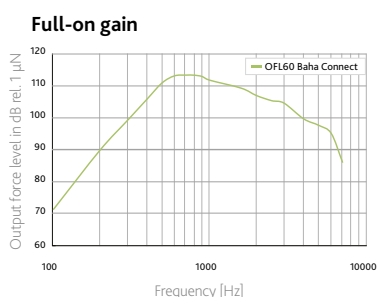
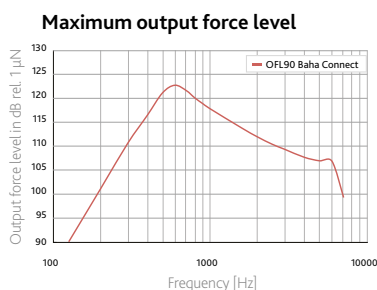
‡IP63 classification excludes battery compartment. The Baha 5 Power is not waterproof. Never wear it in heavy rain, in the bath or shower!

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



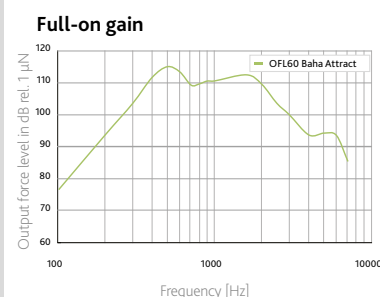
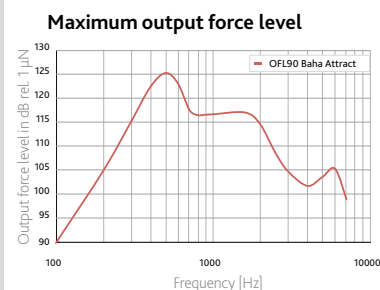
## Baha Connect System with Baha 5 Power

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	

\* Dependent on streaming, sound environment and gain settings.

For compatibility information visit [www.cochlear.com/compatibility](http://www.cochlear.com/compatibility).

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