

## DATASHEET

# Cochlear™ Baha® 5 Power

Cochlear Baha Connect System<sup>1</sup>



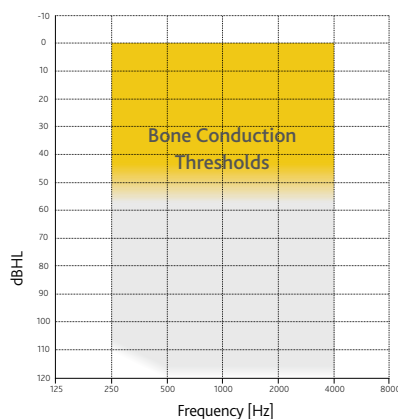
The Cochlear™ Baha® 5 Power Sound Processor is a highly advanced bone conduction sound processor from Cochlear. It features sophisticated signal processing and wireless technology. It is a Made for iPhone Hearing Device that supports direct audio streaming from iPhone, iPad and iPod touch. The Baha 5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

Powered by the Ardiium™ 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 the 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 Connect System and the Cochlear Baha Softband.

## 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 synchronisation of program change and streaming
- Dual Track Feedback Manager
- Dedicated fitting rationales for mixed loss, conductive loss and SSD
- Patient optimised fitting with Baha Fitting Software (5.2 or later)
- Wireless fitting with Airlink
- Compatible with FM and digital wireless ALD systems through the Cochlear Wireless Mini Microphone 2+.

## Fitting range



- Bone-conduction thresholds  $\leq 55$  dB HL averaged across 500, 1000, 2000, and 3000 Hz
- Air-conduction thresholds may extend into this area

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>2</sup>

Order no. 94790 (EU), 94791 (US), 94792 (GB), 94793 (AUS)

### Cochlear Wireless Mini Microphone 2/2+<sup>3</sup>

Mini Microphone 2+  
Order no. P770845 (GB), P770846 (EU), P770847 (AUS), P770848 (US)

### Mini Microphone 2

Order no. P770841 (GB), P770842 (EU), P770844 (US)

### Cochlear Wireless Phone Clip

Order no. 94770 (EU), 94771 (US), 94772 (GB), 94773 (AUS)

### Cochlear Wireless TV Streamer

Order no. 94760 (EU), 94761 (US), 94762 (GB), 94763 (AUS)

## Apps

### Baha 5 Smart App

Connects directly to control and monitor the sound processor.

### 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](http://www.cochlear.com) 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

## Baha Connect System with Baha 5 Power

Measured on skull simulator TU1000.

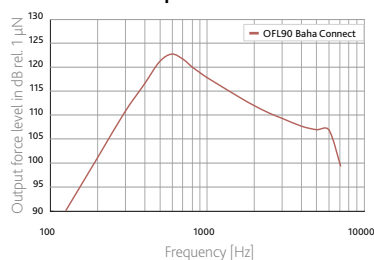


Program button,  
Wireless audio streaming button

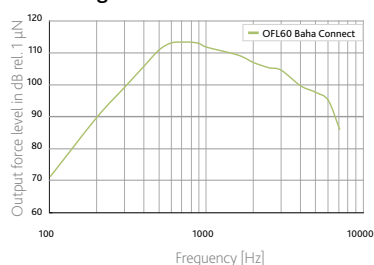


Sound processor not shown in actual size.

### Maximum output force level



### Full-on gain



## Technical information (Measurements at full gain)

Frequency range	250–7000 Hz (ANSI 3.22)
Peak OFL at 90 dB SPL	123 dB (rel 1 µN)
Peak OFL at 60 dB SPL	113 dB (rel 1 µN)
Acousto Mechanical Gain (at 60 dB SPL, 1600 Hz)	49 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
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 <sup>1</sup>
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

<sup>1</sup> Dependent on streaming, sound environment and gain settings.

<sup>1</sup> The Cochlear Baha Connect System consists of a compatible Baha sound processor, abutment and implant. For details regarding compatibility visit [www.cochlear.com](http://www.cochlear.com).

<sup>2</sup> The Baha 5 Power is compatible with the Cochlear Baha Remote Control (94765)

<sup>3</sup> The Baha 5 Power is also compatible with the Cochlear Wireless Mini Microphone 94780 (EU), 94781 (US), 94782 (GB), 94783 (AUS).

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.

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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Hear now. And always

