

Baha® Cordelle II

Data Sheet



Body worn super power

Baha® Cordelle II is the most powerful Baha sound processor, specifically designed to provide maximum power for those with severe mixed hearing losses. Baha Cordelle II provides a solution for people with substantial hearing losses and ensures that even for progressive hearing losses, a Baha solution is available.



Baha Cordelle II is available in three colors; black, beige and grey (Image not actual size)

Features

- Super power body worn sound processor
- Built-in telecoil
- Tone switch
- Loudness boost control
- Trim controls (for K-amp)
- Direct Audio Input

Ordering information

The Baha Cordelle II is delivered in a kit that includes the sound processor, abutment cover, rechargeable batteries, cleaning brush and Patient User Manual. The Baha Cordelle II also comes with a small test rod that allows wearers to 'share their Baha experience' with friends and family.

Black	HCB 401-0
Beige	HCB 400-0
Grey	HCB 402-0

Accessories

Audio adapter

The audio adapter allows direct input from personal stereos, TVs, MP3s and other external audio equipment.

Order no. 90067

Battery chargers

These chargers can be used for recharging the 9V Cordelle II batteries.

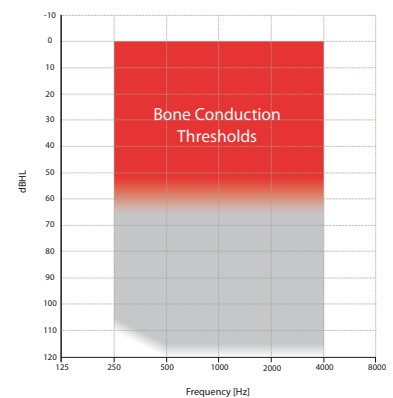
Ordering no.

Battery charger 2x9V, EUR-plug 90328

Battery charger 9V, UK-plug 90332

Battery charger 9V, US-plug HCB 663

Fitting range



- Bone-conduction thresholds ≤ 65 dB HL averaged across 500, 1000, 2000, and 3000 Hz
- Air-conduction thresholds may extend into this area

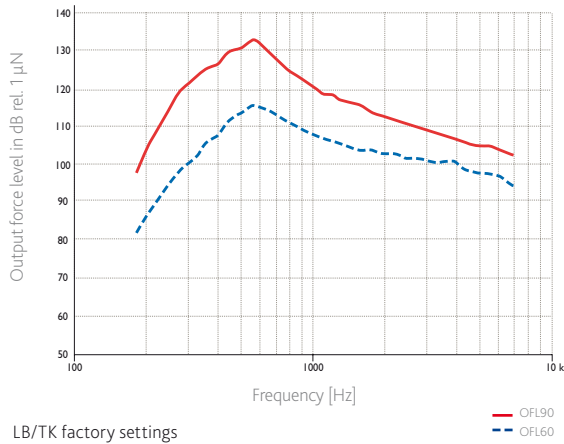
The Baha Cordelle II is suitable for individuals with bone conduction thresholds within the red area indicated in the graph. For further details, see the Candidate Selection Guide.

Hear now. And always

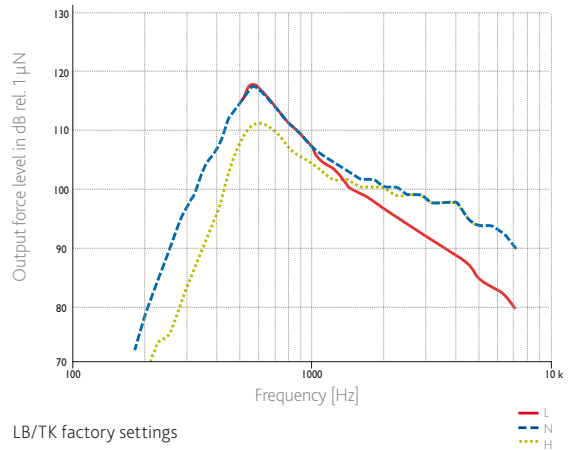




Maximum output force level



Effect of tone switch



Technical information (Measurements at full gain)

	Body worn unit	Head worn unit (transducer)
Weight	88 g incl. battery	20 g
Size (l x w x h)	90 x 34 x 26 mm	29 x 23 x 10 mm
Battery voltage	7.5 – 9.5 V	
Battery type	9 V IEC 6F22	
Current consumption	1.4 mA (in silence) 11 mA (at 60 dB SPL, 1 600 Hz)	
Frequency range	250–6 500 Hz	
Peak OFL at 90 dB SPL	132 dB rel 1 μN	
Peak OFL at 60 dB SPL	116 dB rel 1 μN	
Acousto-mechanical gain at 50 dB SPL, 1 600 Hz	45 dB	
Harmonic distortion (THD ₆₀)	Below 3% above 500 Hz	
Equivalent input noise	24 dB SPL	
Electrical input equivalent to an acoustic input of 70 dB SPL	4 mV _{RMS} 1 600 Hz	
Electrical input sensitivity (1mV _{RMS})	103 dB rel 1 μN, 1 600 Hz	
Input impedance	>2 kΩ	
Telecoil sensitivity (10 mA / m)	102 dB rel. 1 μN, 1 600 Hz	
Compression attack time	1 ms	
Compression release time	500 ms	
Compression ratio	2:1, ∞ :1	

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