

Baha[®] Classic 300

data sheet



baha[®]

Baha® Classic 300

The Baha® system has been used to successfully treat more than 25,000 patients world-wide who have either a conductive hearing loss (due to bilateral atresia or chronic suppurative otitis media) or who have Single Sided Deafness (SSD™). Baha works through bone conduction with a sound processor attached to a small titanium implant, which is placed in the bone behind the ear. The bone acts as a pathway for sound to travel to the inner ear without involving the ear canal.

The Baha® Classic 300 model features excellent patient comfort and gives high quality and reliable sound transmission. It is easily connected to the implanted titanium fixture by means of a plastic snap coupling. The coupling has an overload release function for the patient's safety.

The unit is equipped with a tone switch (N, L and E) and an electrical input designed for connecting external equipment such as FM hearing systems, IR systems, MP3, TV etc.

The Classic 300 is available in three colours (black, beige and grey) and is delivered in a kit including the sound processor, abutment cover, battery, cleaning brush, safety line and User's manual. The Classic 300 also comes with a testrod that allows wearers to 'share their Baha experience' with family and friends.

Audiological indications:

The Classic 300 is suitable for people with bone conduction thresholds of the indicated ear better than or equal to 45 dB HL (measured at 0.5, 1, 2, 3 kHz). This enables patients with air conduction thresholds down to 105 dB HL to be successfully treated (60 dB air bone gap + 45 dB bone thresholds). Additionally, patients with unilateral, profound sensorineural hearing loss of the indicated ear with normal contralateral hearing (as defined by 20 dB HL air conduction pure tone average) will also benefit from the Classic 300 sound processor. For further details see the Audiological manual.

Accessories available:

Audio adapter

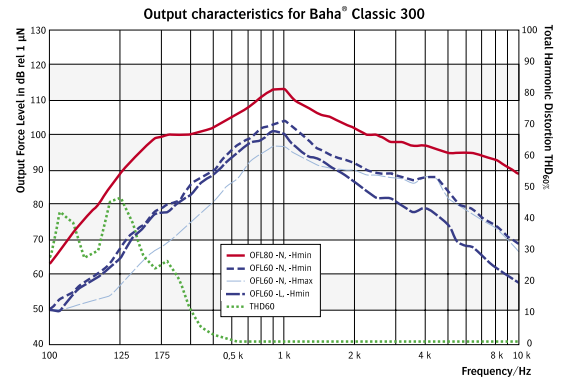
The audio adapter can be used to connect the Classic 300 to FM hearing systems, IR systems, MP3, TV etc.

Telecoil

The telecoil gives the wearer the possibility to utilise teleloop facilities or as a telephone pick-up for enhanced sound quality.

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Technical data



Battery voltage	1.1–1.5 V
Current consumption	0.7 mA (in silence), 3.5 mA (at 60 dB SPL, 1 600 Hz)
Battery type	675
Frequency range	300–6 500 Hz
Peak OFL at 80 dB SPL	113 dB rel. 1 µN
Harmonic distortion (THD ₆₀)	Below 3% above 600 Hz
Equivalent input noise	24 dB SPL
Electrical input sensitivity (1 mV _{RMS})	85 dB rel. 1 µN, 1 600 Hz
Input impedance	18 kΩ
Size (l×w×h)	34×22×10 mm
Weight	14 g incl. battery

(measurements at full gain)

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