

High-end technology for optimum hearing support

Optimum hearing is yours, thanks to **contact forte's** leading-edge technology, everyday practicality and highly comfortable fit for all ages. Live everyday life effortlessly with the world's most modern, robust and flexible digital hearing system and its numerous key functions.

contact*forte*

www.bhm-tech.at

Advantages at a glance

- All-in-one in a single housing (no external cabling), thus offering easy handling
- Wireless connection via Bluetooth
- Full freedom of movement
- Water-resistant
- High transmission frequency bandwidth
- THE alternative solution to surgery



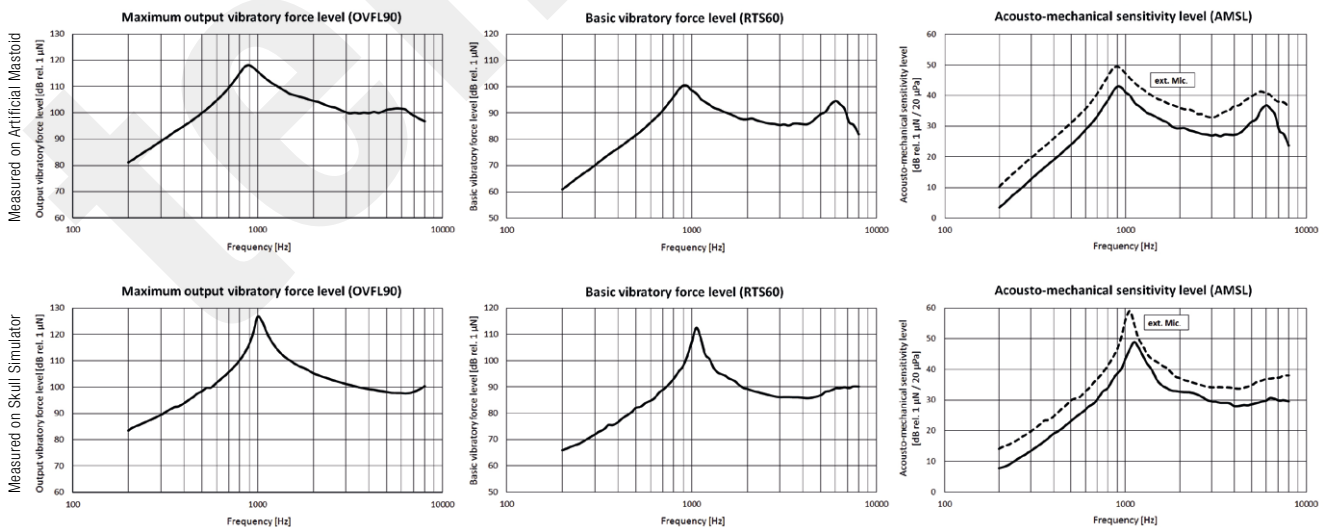
Features and Functions

- Audio streaming (Bluetooth Low Energy)
- Direct Audio Input
- Programming via NOAHlink & HI-PRO
- 8 WDRC channels
- 16 band equalizer
- High-cut, low-cut, notch filter
- Tone generator for In-Situ fitting
- Adaptive feedback cancellation
- Adaptive noise reduction
- Fixed and adaptive directivity

Technical Information

- Equivalent input noise level < 26 dB rel. 20 µPa
- Processing delay < 6.5 ms
- Current consumption 1.35 mA (in silence)
1.60 mA (@ 65 dB SPL & 1 kHz)
- Weight, incl. battery < 15 g
- Dimensions < 35 mm x < 22 mm x < 15 mm
- Battery type 13

		Measured on Artificial Mastoid with Headband adapter	Measured on Skull Simulator
Output Vibratory Force Level (@ 90 dB SPL, FOG)	Peak	119 dB rel. 1 µN	127 dB rel. 1 µN
	HFA	108 dB rel. 1 µN	113 dB rel. 1 µN
	1.6 kHz	107 dB rel. 1 µN	109 dB rel. 1 µN
Acousto-Mechanical Sensitivity Level (@ 50 dB SPL, FOG)	Peak	43 dB rel. 1 µN / 20 µPa	49 dB rel. 1 µN / 20 µPa
	HFA	34 dB rel. 1 µN / 20 µPa	37 dB rel. 1 µN / 20 µPa
	1.6 kHz	32 dB rel. 1 µN / 20 µPa	35 dB rel. 1 µN / 20 µPa
Acousto-Mechanical Sensitivity Level (@ 50 dB SPL, FOG, with external Mic.)	Peak	50 dB rel. 1 µN / 20 µPa	59 dB rel. 1 µN / 20 µPa
	HFA	40 dB rel. 1 µN / 20 µPa	44 dB rel. 1 µN / 20 µPa
	1.6 kHz	38 dB rel. 1 µN / 20 µPa	41 dB rel. 1 µN / 20 µPa
Basic Vibratory Force Level (@ 60 dB SPL, RTS)	Peak	100 dB rel. 1 µN	112 dB rel. 1 µN
	HFA	92 dB rel. 1 µN	96 dB rel. 1 µN
	1.6 kHz	90 dB rel. 1 µN	93 dB rel. 1 µN
Frequency Range		300 Hz – >8000 Hz	350 Hz – >8000 Hz
Total Harmonic Distortion (@ 60 dB SPL, RTS)		< 3% above 500 Hz	< 3% above 500 Hz



Measurements according to IEC 60118-9:2018 (CDV); G50 / 80 Settings – FOG (RTS)

		external Microphone															
		250	500	750	1k	1.5k	3k	6k	10k	250	500	750	1k	1.5k	3k	6k	10k
G50	(18)	20	20	20	20	20	20	20	20	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)
G80	(18)	20	20	20	20	20	20	20	20	(18)	(18)	(18)	(18)	(18)	(18)	(18)	(18)

