

BTE HEARING SYSTEMS

HP G4

Tech Level 6 | 4



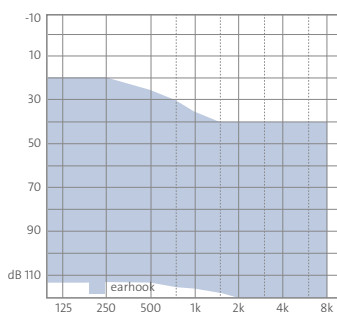
BATTERY: 675


AMPLIFICATION: 80 dB

HOUSING COLORS

Beige
 Gray
 Granite
 Dark brown

FITTING RANGE



BASIC FEATURES				TECHNICAL FEATURES			
	Tech Level	6	4		Tech Level	6	4
Earhook		●	●	Signal processing channels		16	16
Battery compartment as on/off switch		●	●	Frequency channels		8	8
Programmable push button		●	●	AGC channels		8	8
Programmable rocker switch		●	●	MPO channels		8	8
Level-dependent signal tones/melodies (can be activated/deactivated)		●	●	Hearing programs		4	4
Can be used with either disposable or rechargeable battery		—	—	> MusicSelect		—	—
Telephone coil		●	●	> 2earPhone		—	—
Status LED, programmable		●	●	> EchoClear/dereverberation		—	—
Personal color concept		—	—	Data Logging		●	●
Audiomatic power-on delay (can be activated/deactivated)		●	●	Wireless			
IP67-certified		●	●	> AudioLink		—	—
				> Binaural synchronization		●	●
				> Wireless audio streaming		○	○
				> CROS/BICROS		—	—
SIGNAL PROCESSING				ACCESSORIES OPTIONS			
Anti-Feedback system		●	●	Clip for battery compartment in red and blue for side recognition		●	●
Noise Manager				Thin Tube with Open Tip		—	—
> Adaptive noise reduction		●	● (on/off)	Smart Power		—	—
> Wiener filter		●	● (on/off)	Audio streamer Smart Connect		○	○
> Adaptive wind noise reduction, binaural		—	—	Smart Remote remote control		○	○
> Adaptive wind noise reduction		●	—	Remote control Smart Key		○	○
> Impulse suppressor		●	—	Small earhook		○	○
> Auto-situation adaption		—	—	AudioFix		—	—
> Selectronic		—	—	Fitting Set - Thin Tube		—	—
AudioTronic multi-microphone system				Audio shoe set		○	○
> Panorama		—	—	Battery compartment safety		○	○
> Directional static		●	●	AutoPhone set		○	○
> Automatic		●	●				
> Adaptive		●	—	APPS			
> Speech 360		—	—	Smart Connect app		○	○
> AudioFocus 360		—	—	> with AudioDirSelect		—	—
> AudioSpot		—	—	Smart Remote app		○	○
Frequency and dynamics concept				> with AudioDirSelect		—	—
> TRC S		●	●	PROGRAMMING			
> Selective frequency compression		●	●	Programming adapter 312		—	—
> HiFi functionality		—	—	Programming adapter 13		—	—
> Sound Upgrade (in Wireless Streaming mode)		—	—	Programming adapter 675		—	—
> Gain setting dependent on environment (only in Wireless Audio Streaming mode)		—	—	Directly with cable for programming interface		●	●
Programmable tinnitus function		●	—	ConnexxAir		●	●
				ConnexxLink		●	●
AUTOMATIC FUNCTIONS							
Comfort365		●	●				
Acclimatic		●	●				
Intelligent Acclimatic		—	—				
Comformatic		—	—				

● = Standard equipment ○ = optional — = not available

More information on the individual features is available at www.audioservice.com

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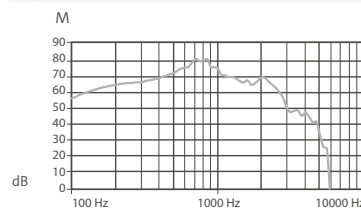
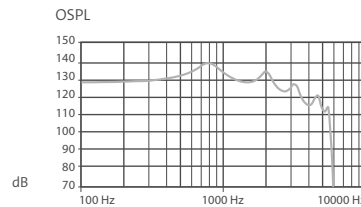
MAXIMUM POWER OUTPUT

LE = 90 dB

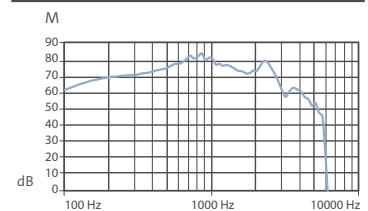
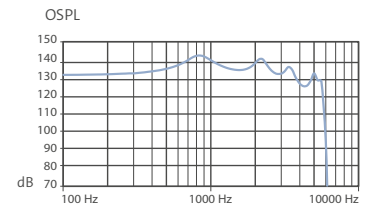
MAXIMUM AMPLIFICATION

Amplification at LE = 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM POWER OUTPUT

Peak value at 90 dB	140 dB	144 dB
1,600 Hz (RTF)	129 dB	135 dB
Mean value at high frequencies	130 dB	139 dB

MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	82 dB	85 dB
1,600 Hz (RTF)	68 dB	75 dB
Mean value at high frequencies	69 dB	77 dB
Reference test gain	54 dB	60 dB

TECHNICAL FEATURES

Battery type	675	675
Battery life in hours	210	210
Frequency range	100 – 5,000 Hz	100 – 5,100 Hz
Battery consumption	2.10 mA	2.10 mA
Equivalent input sound pressure level of the inherent noise	18 dB	18 dB
Tinnitus Noiser, broadband	94 dB	
Listening coil sensitivity (1 mA/m)	100 dB	108 dB
Distortion		
500 Hz	2%	4%
800 Hz	1%	2%
1,600 Hz	2%	2%

¹⁾ Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2 ccm coupler

²⁾ Technical data measured in accordance with IEC 60118-0 at ear simulator



WARNING

Small parts present a choking hazard.
This device is not suitable for fitting to babies, small children or mentally disabled persons.



WARNING

The maximum output sound pressure level of the hearing systems can reach or exceed 132 dB SPL.
Risk of damage to the hearing of the wearer. Ensure that the hearing systems are fitted with care.

For control ranges and more programming features see Hearing System Simulation of Connex 8.4, AudioFit 8.4.5 or higher.

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