



Professional Hearing Solutions

Latest Hearing Aids



DATA SHEET

www.professionalhearingsolution.com

0332-5014111

BTE HEARING SYSTEMS

HP G4

Tech Level 3



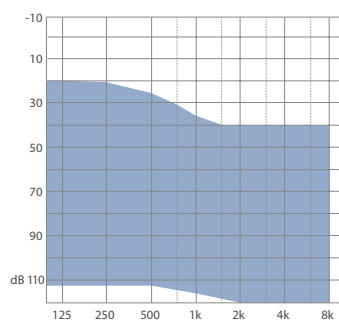
BATTERY: 675

AMPLIFICATION: 84 dB

HOUSING COLORS

 Beige  Gray  Dark brown

FITTING RANGE



BASIC FEATURES

	Tech Level	3
Earhook		●
Battery compartment as on/off switch		●
Programmable push button		●
Programmable rocker switch		●
Level-dependent signal tones/melodies (can be activated/deactivated)		●
Can be used with either disposable or rechargeable battery	—	
Telephone coil		●
Status LED, programmable	—	
Personal color concept	—	
Audiomatic power-on delay (can be activated/deactivated)		●
IP67-certified		●

SIGNAL PROCESSING

Anti-Feedback system		●
Noise Manager		
> Adaptive noise reduction		● (on/off)
> Wiener filter		● (on/off)
> Adaptive wind noise reduction, binaural		—
> Adaptive wind noise reduction		—
> Impulse suppressor		—
> Auto-situation adaption		—
> Selectronic		—
AudioTronic multi-microphone system		
> Panorama		—
> Directional static		●
> Automatic		●
> Adaptive		—
> Speech 360		—
> AudioFocus 360		—
> AudioSpot		—
Frequency and dynamics concept		
> TRC S		●
> Selective frequency compression		—
> HiFi functionality		—
> Sound Upgrade (in Wireless Streaming mode)		—
> Gain setting dependent on environment (only in Wireless Audio Streaming mode)		—
Programmable tinnitus function		—




AUTOMATIC FUNCTIONS

Comfort365		—
Acclimatic		—
Intelligent Acclimatic		—
Comformatic		—

TECHNICAL FEATURES

	Tech Level	3
Signal processing channels		12
Frequency channels		6
AGC channels		6
MPO channels		6
Hearing programs		4
> MusicSelect		—
> 2earPhone		—
> EchoClear/dereverberation		—
Data Logging		●
Wireless		
> AudioLink		—
> Binaural synchronization		—
> Wireless audio streaming		—
> CROS/BiCROS		—

ACCESSORIES | OPTIONS

Clip for battery compartment in red and blue for side recognition		●
Thin Tube with Open Tip		—
Smart Power		—
Audio streamer Smart Connect		—
Smart Remote remote control		—
Remote control Smart Key		○
Small earhook		○
AudioFix		—
Fitting Set - Thin Tube		—
Audio shoe set		○
Battery compartment safety		—
AutoPhone set		—

APPS

Smart Connect app		—
> with AudioDirSelect		—
Smart Remote app		○
> with AudioDirSelect		—

PROGRAMMING

Programming adapter 312		—
Programming adapter 13		—
Programming adapter 675		●
Directly with cable for programming interface		—

HP G4

with earhook

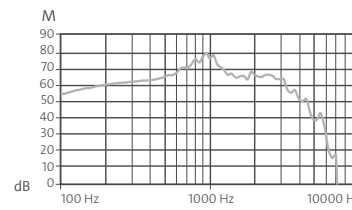
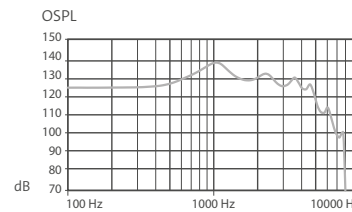
MAXIMUM POWER OUTPUT

LE = 90 dB

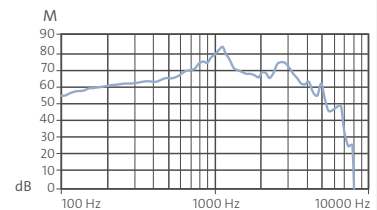
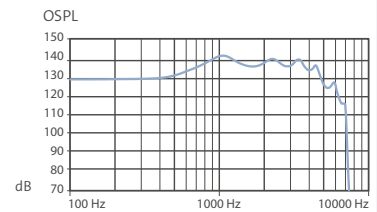
MAXIMUM AMPLIFICATION

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)	130 dB	137 dB
Mean value at high frequencies	132 dB	138 dB

MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	80 dB	84 dB
1,600 Hz (RTF)	65 dB	71 dB
Mean value at high frequencies	69 dB	73 dB
Reference test gain	56 dB	64 dB

TECHNICAL FEATURES

Battery type	675	675
Battery life in hours	184	184
Frequency range	100 – 5,600 Hz	100 – 5,900 Hz
Battery consumption	2.4 mA	2.4 mA
Equivalent input sound pressure level of the inherent noise	24 dB	26 dB
Tinnitus Noiser, broadband	—	—
Listening coil sensitivity (1 mA/m)	102	107
Distortion		
500 Hz	3%	7%
800 Hz	2%	3%
1,600 Hz	1%	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 Connexx 8.4, AudioFit 8.4.5 or higher.