

BTE HEARING SYSTEMS

PG4

Tech Level 6 | 4



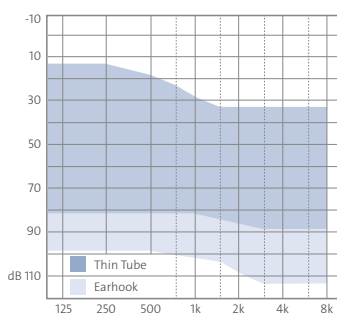
BATTERY: 13

AMPLIFICATION: 77 dB (EARHOOK) | 65 dB (THIN TUBE)

HOUSING COLORS

- | | | | |
|---|--|---|---|
|  Beige |  Gray |  Silver |  Granite |
|  Tobacco |  Dark gray* |  Pearly white* |  Bronze* |

FITTING RANGES



*= Color only available in TL 6

BASIC FEATURES

	Tech Level	6	4
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	6	4
Signal processing channels		16	16
Frequency channels		8	8
AGC channels		8	8
MPO channels		8	8
Hearing programs		4	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		—	—

● = Standard equipment ○ = optional — = not available

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

PG4

Damped with earhook

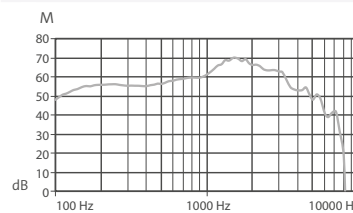
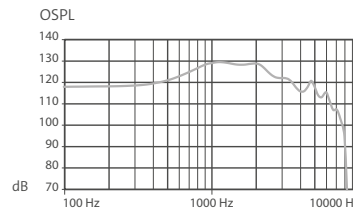
MAXIMUM POWER OUTPUT

LE = 90 dB

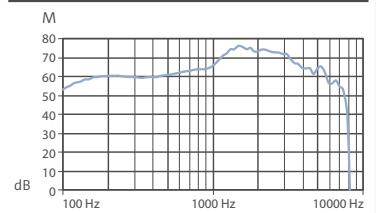
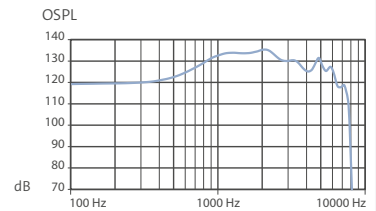
MAXIMUM AMPLIFICATION

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	131 dB	137 dB
1,600 Hz (RTF)	128 dB	135 dB
Mean value at high frequencies	127 dB	131 dB

MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	70 dB	77 dB
1,600 Hz (RTF)	69 dB	76 dB
Mean value at high frequencies	65 dB	67 dB
Reference test gain	50 dB	61 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	203	203
Frequency range	100 – 7,000 Hz	545 – 7,500 Hz
Battery consumption	1.00 mA	1.00 mA
Equivalent input sound pressure level of the inherent noise	16 dB	16 dB
Tinnitus Noiser, broadband	80 dB	
Listening coil sensitivity (1 mA/m)	96 dB	104 dB
Distortion		
500 Hz	4%	3%
800 Hz	3%	3%
1,600 Hz	1%	3%

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.

PG4

Undamped with earhook

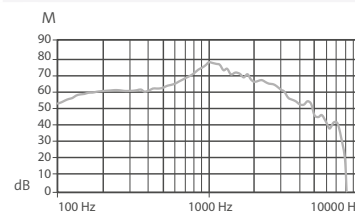
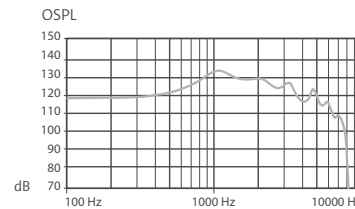
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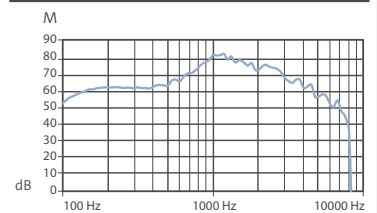
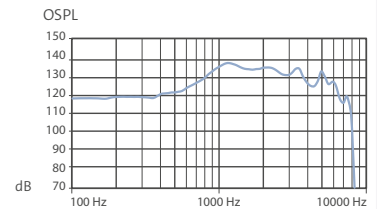
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ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM POWER OUTPUT

Peak value at 90 dB	135 dB	137 dB
1,600 Hz (RTF)	129 dB	136 dB
Mean value at high frequencies	129 dB	132 dB

MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	77 dB	81 dB
1,600 Hz (RTF)	71 dB	77 dB
Mean value at high frequencies	71 dB	73 dB
Reference test gain	52 dB	62 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	127	127
Frequency range	100 – 6,000 Hz	100 – 6,500 Hz
Battery consumption	1.6 mA	1.6 mA
Equivalent input sound pressure level of the inherent noise	18 dB	14 dB
Tinnitus Noiser, broadband	80 dB	
Listening coil sensitivity (1 mA/m)	101 dB	108 dB
Distortion		
500 Hz	4%	6%
800 Hz	3%	4%
1,600 Hz	1%	2%

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PG4

with Thin Tube

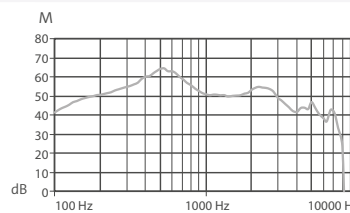
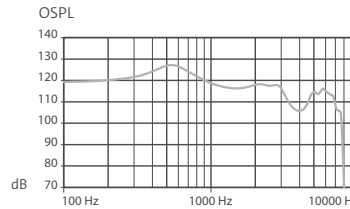
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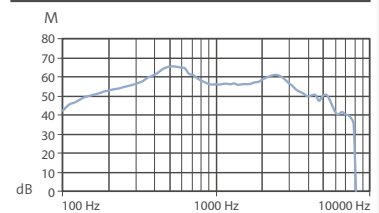
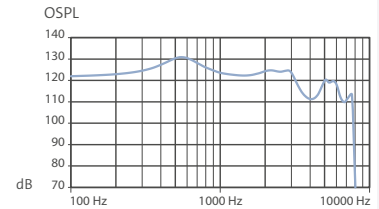
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Amplification at LE = 50 dB

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ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM POWER OUTPUT

Peak value at 90 dB	129 dB	132 dB
1,600 Hz (RTF)	115 dB	122 dB
Mean value at high frequencies	117 dB	126 dB

MAXIMUM ACOUSTIC AMPLIFICATION

Peak value at 50 dB	65 dB	68 dB
1,600 Hz (RTF)	50 dB	57 dB
Mean value at high frequencies	51 dB	61 dB
Reference test gain	41 dB	46 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	169	169
Frequency range	100 – 5,500 Hz	100 – 6,000 Hz
Battery consumption	1.2 mA	1.2 mA
Equivalent input sound pressure level of the inherent noise	22 dB	19 dB
Tinnitus Noiser, broadband	80 dB	
Listening coil sensitivity (1 mA/m)	82 dB	89 dB
Distortion		
500 Hz	2%	1%
800 Hz	2%	1%
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

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