

P 16 G3

POWER-BTE WITH BATTERY SIZE 13



 **Audio Service**

PRODUCT FEATURES

For open and closed fitting

BASIC FEATURES

Battery compartment as on/off switch

Push button, can be programmed as a program button, program button with on/off switch

Rocker switch, can be programmed as a program button, on/off switch, volume control, tone control, Tinnitus noiser level up/down

Level-dependent signal tones/melodies (activate/deactivate) for low battery voltage, program change, volume control, on/off function

Telephone coil

Personal-Color-Concept

Audiomatic power-on delay (P) (activate/deactivate)

Deformable earhook

IP67-certified

OPTIONS



Audiostreamer Smart Connect

Remote control Smart Remote

Smart Connect App

› AudioDirSelect

Smart Remote App

AutoPhone Set

Small earhook

Spectacles adapter

PROGRAMMING ADAPTER

Adapter 13

Art. No. 108 24 470

HOUSING COLORS



TECHNICAL FEATURES

40 signal processing channels / 20 frequency channels

20 AGC channels / 20 MPO channels

6 hearing programs

Data Logging

Wireless

› AudioLink

› Binaural synchronization

› Wireless audio input optional

SIGNAL PROCESSING

Anti-Feedback system G3

Noise Manager

› Adaptive noise reduction

› Wiener filter

› Adaptive wind noise reduction

› Impulse suppressor

› Auto-situation adaption

› Selectronic

AudioTronic multi-microphone system

› Panorama

› Directional static

› Automatic

› Adaptive

› AudioFocus 360

› AudioSpot

Frequency and dynamics concept

› TRC S

› Selective frequency compression

› HiFi functionality

› Sound Upgrade (in wireless audio input mode)

› Volume setting dependent on environment (only in wireless audio input mode)

Programmable Tinnitus function

AUTOMATIC FUNCTIONS

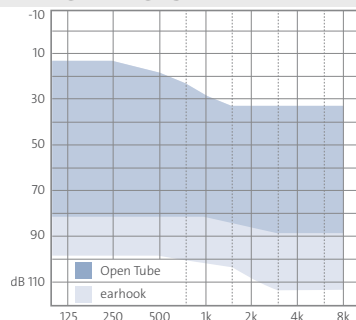
Intelligent Acclimatic

Comformatic

ACCESSORIES

Clip for battery compartment in red and blue for side recognition

FITTING RANGES



P = Patent

For more information about features please check out our website www.audioservice.com

P 16 G3

with earhook damped



Audio Service

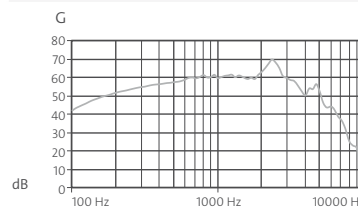
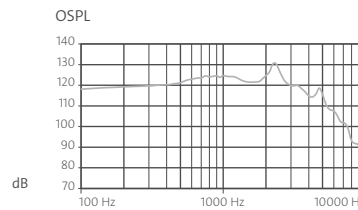
MAXIMUM OUTPUT

Input: 90 dB

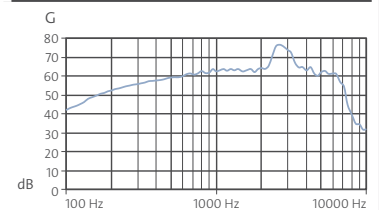
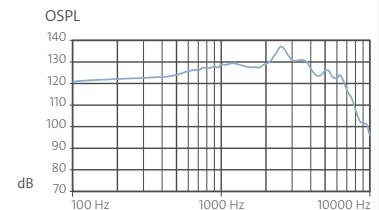
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	131 dB	137 dB
1,600 Hz (RTF)	122 dB	127 dB
HFA (High Frequency Average)	124 dB	127 dB

FULL ON GAIN

Peak value at 50 dB	70 dB	77 dB
1,600 Hz (RTF)	58 dB	63 dB
HFA (High Frequency Average)	61 dB	63 dB
Reference test gain	48 dB	56 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	185	185
Frequency range	100 – 7,000 Hz	130 – 7,200 Hz
Battery current consumption	1.10 mA	1.10 mA
Equivalent noise level	19 dB	19 dB
Tinnitus noiser broadband	80 dB	
Telecoil sensitivity (1 mA/m)	93 dB	98 dB
Distortion		
500 Hz	2%	2%
800 Hz	2%	2%
1,600 Hz	1%	1%

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 levels of the hearing systems can reach or exceed 132 dB SPL.
Risk of injury to the hearing of the wearer. Ensure that the hearing systems are fitted with care.

For control ranges and more programming features see Hearing Instrument Simulation of Connex 7.5 and AudioFit 7.5 or higher.

P 16 G3

with earhook undamped



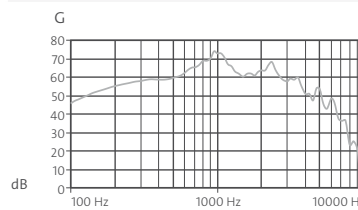
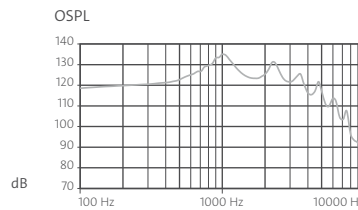
MAXIMUM OUTPUT

Input: 90 dB

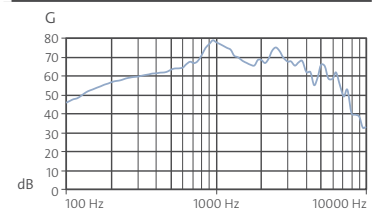
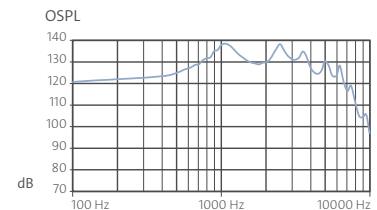
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	136 dB	140 dB
1,600 Hz (RTF)	123 dB	130 dB
HFA (High Frequency Average)	129 dB	131 dB

FULL ON GAIN


Peak value at 50 dB	75 dB	79 dB
1,600 Hz (RTF)	63 dB	69 dB
HFA (High Frequency Average)	66 dB	69 dB
Reference test gain	51 dB	62 dB


TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	156	156
Frequency range	100 – 6,000 Hz	150 – 6,700 Hz
Battery current consumption	1.30 mA	1.30 mA
Equivalent noise level	19 dB	19 dB
Tinnitus noiser broadband	80 dB	
Telecoil sensitivity (1 mA/m)	80 dB	100 dB
Distortion		
500 Hz	3%	3%
800 Hz	2%	2%
1,600 Hz	1%	1%

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 levels of the hearing systems can reach or exceed 132 dB SPL.
Risk of injury to the hearing of the wearer. Ensure that the hearing systems are fitted with care.

For control ranges and more programming features see Hearing Instrument Simulation of Connex 7.5 and AudioFit 7.5 or higher.

P 16 G3

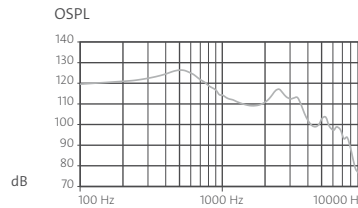
with Open Tube



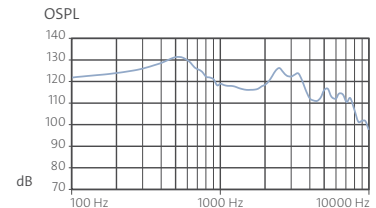
MAXIMUM OUTPUT

Input: 90 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



MAXIMUM GAIN

Input: 50 dB

TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	127 dB	130 dB
1,600 Hz (RTF)	109 dB	116 dB
HFA (High Frequency Average)	114 dB	123 dB

FULL ON GAIN

Peak value at 50 dB	65 dB	68 dB
1,600 Hz (RTF)	51 dB	57 dB
HFA (High Frequency Average)	52 dB	61 dB
Reference test gain	37 dB	50 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	169	169
Frequency range	100 – 5,500 Hz	100 – 6,000 Hz
Battery current consumption	1.20 mA	1.20 mA
Equivalent noise level	25 dB	28 dB
Tinnitus noiser broadband	80 dB	
Telecoil sensitivity (1 mA/m)	81 dB	88 dB
Distortion		
500 Hz	1%	1%
800 Hz	1%	2%
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.

For control ranges and more programming features see Hearing Instrument Simulation of Connex 7.5 and AudioFit 7.5 or higher.