

P 16 G4

POWER-BTE WITH BATTERY SIZE 13



 **Audio Service**

PRODUCT FEATURES

For open and closed fitting

BASIC FEATURES

Battery compartment as 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)

Earhook

IP67-certified

OPTIONS



Audiostreamer Smart Connect

Remote control Smart Remote

Remote Control Smart Key

Smart Connect App, with AudioDirSelect

Smart Remote App, with AudioDirSelect

AutoPhone Set

Small earhook

Audio shoe - Battery compartment

AudioFix

Fitting Set - Thin Tube

PROGRAMMING ADAPTER

Adapter 13

Art. No. 108 24 470

ACCESSORIES

Clip for battery compartment in red and blue for side recognition

HOUSING COLORS



TECHNICAL FEATURES

40 signal processing channels / 20 frequency channels

20 AGC channels / 20 MPO channels

6 hearing programs

➤ MusicSelect (Live music, musicians, sound carriers)

➤ ZearPhone

➤ EchoClear / Dereverberation

Data Logging

Wireless

➤ AudioLink

➤ Binaural synchronization

➤ Wireless audio streaming optional

➤ CROS/BICROS

SIGNAL PROCESSING

Anti-Feedback system

Noise Manager

➤ Adaptive noise reduction

➤ Wiener filter

➤ Adaptive wind noise reduction, binaural

➤ 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 streaming mode)

➤ Volume setting dependent on environment (only in wireless audio streaming mode)

Programmable Tinnitus function

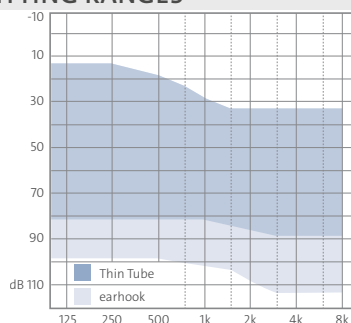
AUTOMATIC FUNCTIONS

Comfort365

Intelligent Acclimatic

Comformatic

FITTING RANGES



P = Patent

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

P 16 G4

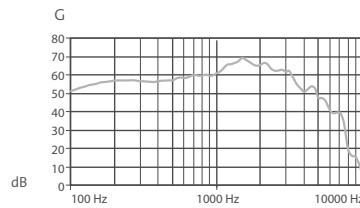
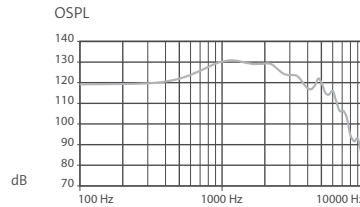
with earhook damped



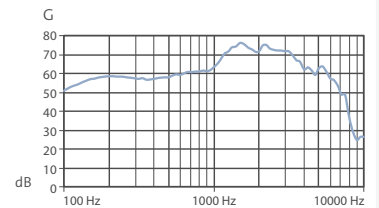
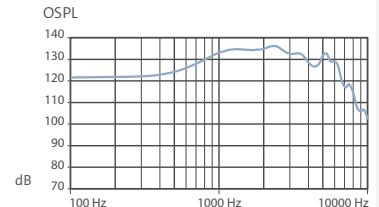
MAXIMUM OUTPUT

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	131 dB	137 dB
1,600 Hz (RTF)	128 dB	135 dB
HFA (High Frequency Average)	128 dB	131 dB

FULL ON GAIN

Peak value at 50 dB	70 dB	77 dB
1,600 Hz (RTF)	69 dB	74 dB
HFA (High Frequency Average)	64 dB	65 dB
Reference test gain	51 dB	59 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	169	169
Frequency range	100 – 7,000 Hz	100 – 7,400 Hz
Battery current consumption	1.20 mA	1.20 mA
Equivalent noise level	16 dB	15 dB
Tinnitus noiser broadband	80 dB	
Telecoil 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 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.

P 16 G4

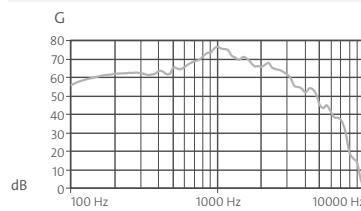
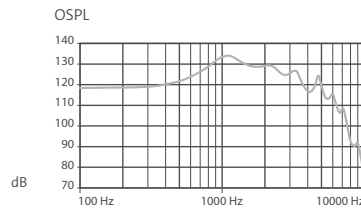
with earhook undamped



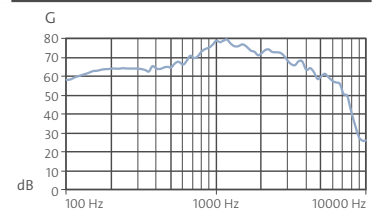
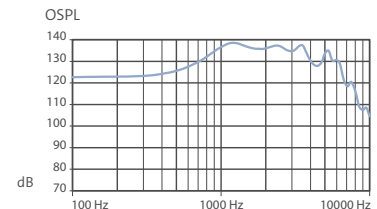
MAXIMUM OUTPUT

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	135 dB	139 dB
1,600 Hz (RTF)	129 dB	137 dB
HFA (High Frequency Average)	129 dB	133 dB

FULL ON GAIN

Peak value at 50 dB	77 dB	81 dB
1,600 Hz (RTF)	70 dB	77 dB
HFA (High Frequency Average)	71 dB	73 dB
Reference test gain	52 dB	61 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	127	127
Frequency range	100 – 6,000 Hz	170 – 6,500 Hz
Battery current consumption	1.60 mA	1.60 mA
Equivalent noise level	18 dB	14 dB
Tinnitus noiser broadband	80 dB	
Telecoil sensitivity (1 mA/m)	101 dB	108 dB
Distortion		
500 Hz	4%	6%
800 Hz	3%	4%
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 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.

P 16 G4

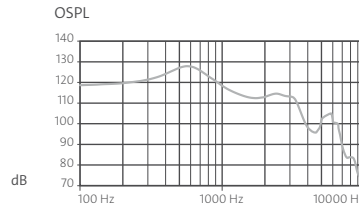
with Thin Tube



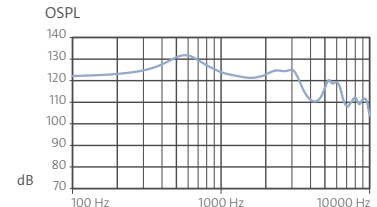
MAXIMUM OUTPUT

Input: 90 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾

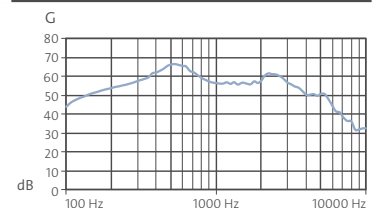
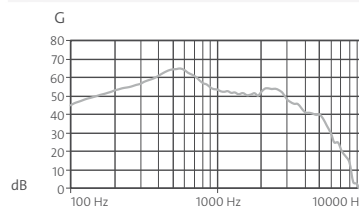


IEC 60118-0²⁾



MAXIMUM GAIN

Input: 50 dB



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	129 dB	132 dB
1,600 Hz (RTF)	114 dB	121 dB
HFA (High Frequency Average)	116 dB	126 dB

FULL ON GAIN

Peak value at 50 dB	65 dB	68 dB
1,600 Hz (RTF)	50 dB	55 dB
HFA (High Frequency Average)	52 dB	59 dB
Reference test gain	39 dB	47 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	22 dB	19 dB
Tinnitus noiser broadband	80 dB	
Telecoil sensitivity (1 mA/m)	80 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

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 8.3 and AudioFit 8.3 or higher.

AS AUDIO-SERVICE GmbH · Alter Postweg 190 · 32584 Löhne · Germany
info@audioservice.com · www.audioservice.com