

Mood 16 G4

RECEIVER-IN-CANAL HEARING SYSTEM (RIC) WITH BATTERY SIZE 312



Audio Service

PRODUCT FEATURES

Receiver-in-Canal hearing system (RIC) with external receiver
For open and closed fitting

BASIC FEATURES

Dual Energy Technology: optionally usable with rechargeable battery¹⁾ or battery
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)
IP67-certified

OPTIONS



Charger Smart Power¹⁾
Audiostreamer Smart Connect
Remote Control Smart Remote
Remote Control Smart Key
Smart Connect App, with AudioDirSelect
Smart Remote App, with AudioDir Select
External receiver S with FOG = 45 dB²⁾
External receiver M with FOG = 60 dB²⁾
External receiver P with FOG = 70 dB²⁾
Customized CLIC MOULD 2.0 (Open or Power)
Click Domes (Open, Semi-open, Closed or Double)
AutoPhone set

PROGRAMMING ADAPTER

Adapter 312

Art.-No. 108 24 469

HOUSING COLORS

Beige	Dark gray	Granite
Tobacco	Silver	Bronze
Gray	Pearly-white	

TECHNICAL FEATURES

40 signal processing channels / 20 frequency channels
20 AGC channels / 20 MPO channels
6 hearing programs

- MusicSelect (Live music, musicians, sound carriers)
- 2earPhone
- 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

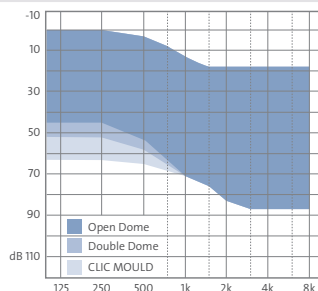
AUTOMATIC FUNCTIONS

Comfort365

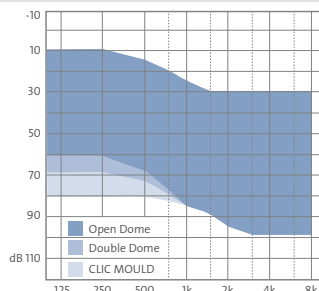
Intelligent Acclimatic

Conformatic

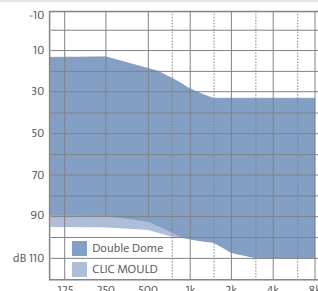
FITTING RANGES



Fitting range external receiver 45 dB



Fitting range external receiver 60 dB



Fitting range external receiver 70 dB³⁾

¹⁾ We recommend using rechargeable batteries only with the 45 dB receiver and up to a maximum of 12 hours wear per day.

²⁾ measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009

³⁾ 70 dB measured with CLIC MOULD 2.0, values vary if domes are used for fitting

P = Patent

Mood 16 G4

Gain 45 dB



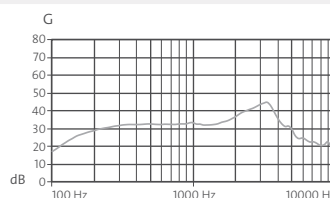
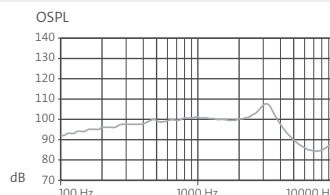
MAXIMUM OUTPUT

Input: 90 dB

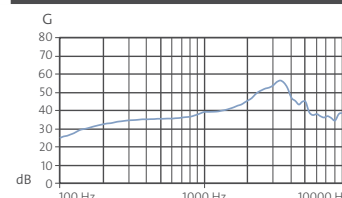
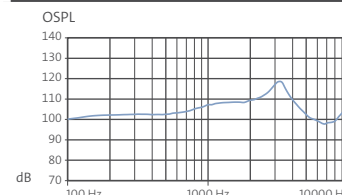
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005⁴⁾
ANSI S3.22-2009⁴⁾



IEC 60118-0⁵⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	108 dB	119 dB
1,600 Hz (RTF)	100 dB	108 dB
HFA (High Frequency Average)	101 dB	106 dB

FULL ON GAIN

Peak value at 50 dB	45 dB	57 dB
1,600 Hz (RTF)	33 dB	42 dB
HFA (High Frequency Average)	35 dB	40 dB
Reference test gain	24 dB	35 dB

TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	124	124
Frequency range	100 – 10,000 Hz	100 – 10,000 Hz
Battery current consumption	0.90 mA	0.90 mA
Equivalent noise level	18 dB	22 dB
Tinnitus noiser broadband	65 dB	
Telecoil sensitivity (1 mA/m)	68 dB	75 dB
Distortion		
500 Hz	1%	1%
800 Hz	1%	1%
1,600 Hz	1%	2%

⁴⁾ Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2 ccm coupler

⁵⁾ 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.

Mood 16 G4

Gain 60 dB

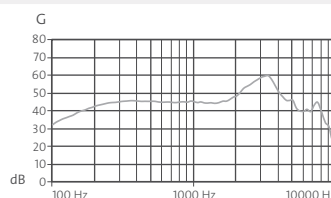
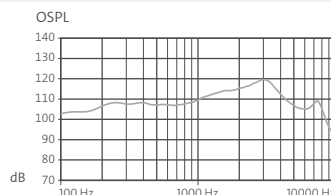


 **Audio Service**

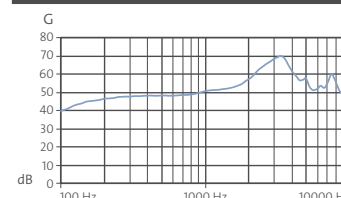
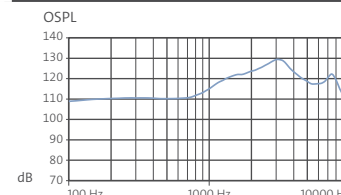
MAXIMUM OUTPUT

Input: 90 dB

IEC 60118-7:2005⁴⁾
ANSI S3.22-2009⁴⁾



IEC 60118-0⁵⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	119 dB	130 dB
1,600 Hz (RTF)	114 dB	122 dB
HFA (High Frequency Average)	113 dB	117 dB

FULL ON GAIN

Peak value at 50 dB	60 dB	70 dB
1,600 Hz (RTF)	45 dB	53 dB
HFA (High Frequency Average)	48 dB	52 dB
Reference test gain	36 dB	46 dB

TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	112	112
Frequency range	100 – 8,800 Hz	100 – 10,000 Hz
Battery current consumption	1.00 mA	1.00 mA
Equivalent noise level	19 dB	23 dB
Tinnitus noiser broadband	70 dB	
Telecoil sensitivity (1 mA/m)	80 dB	85 dB
Distortion		
500 Hz	1%	1%
800 Hz	1%	3%
1,600 Hz	2%	3%

⁴⁾ Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2 ccm coupler

⁵⁾ Technical data measured in accordance with IEC 60118-0 at ear simulator



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Gain 70 dB³⁾



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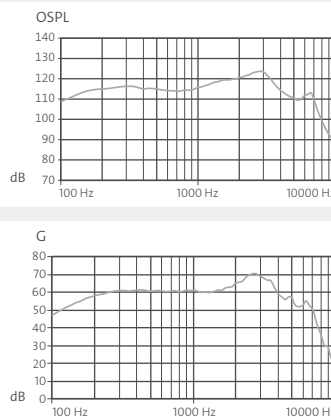
MAXIMUM OUTPUT

Input: 90 dB

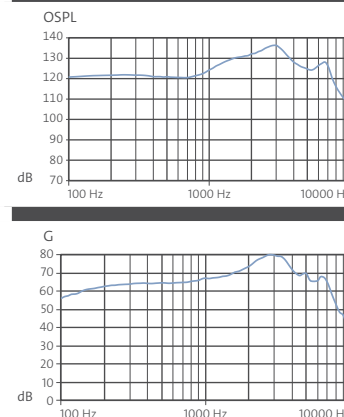
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005⁴⁾
ANSI S3.22-2009⁴⁾



IEC 60118-0⁵⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	124 dB	136 dB
1,600 Hz (RTF)	120 dB	130 dB
HFA (High Frequency Average)	120 dB	125 dB

FULL ON GAIN

Peak value at 50 dB	70 dB	80 dB
1,600 Hz (RTF)	61 dB	70 dB
HFA (High Frequency Average)	64 dB	68 dB
Reference test gain	43 dB	55 dB

TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	112	112
Frequency range	100 – 7,800 Hz	100 – 8,100 Hz
Battery current consumption	1.00 mA	1.00 mA
Equivalent noise level	18 dB	21 dB
Tinnitus noiser broadband	75 dB	
Telecoil sensitivity (1 mA/m)	91 dB	100 dB
Distortion		
500 Hz	2%	3%
800 Hz	2%	3%
1,600 Hz	1%	2%

³⁾ 70 dB measured with CLIC MOULD 2.0, values vary if domes are used for fitting

⁴⁾ Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2 ccm coupler

⁵⁾ Technical data measured in accordance with IEC 60118-0 at ear simulator



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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 Connexx 8.2 and AudioFit 8.2 or higher.

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