

# Mood 16 G3



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



### 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 battery<sup>1)</sup> 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 Power<sup>1)</sup>

Audiostreamer Smart Connect

Remote Control Smart Remote

Smart Connect App

› AudioDirSelect

Smart Remote App

External receiver S with FOG = 45 dB<sup>2)</sup>

External receiver M with FOG = 60 dB<sup>2)</sup>

External receiver P with FOG = 70 dB<sup>2)3)</sup>

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

Black

Tobacco

Silver

Bronze

Gray

Pearly-white

### 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)

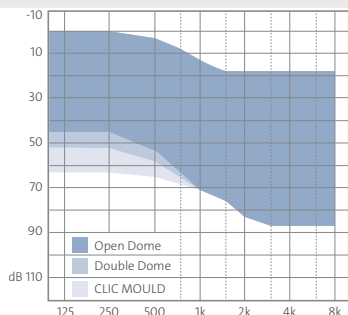
Programmable Tinnitus function

### AUTOMATIC FUNCTIONS

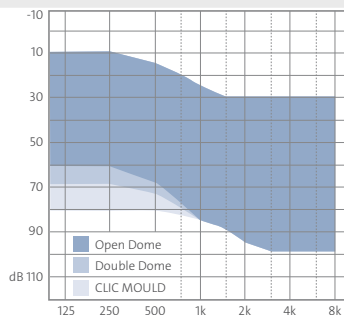
Intelligent Acclimatic

Comformatic

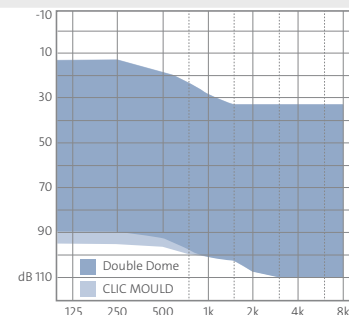
### FITTING RANGES



Fitting range external receiver 45 dB



Fitting range external receiver 60 dB



Fitting range external receiver 70 dB<sup>3)</sup>

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

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

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

P = Patent

# Mood 16 G3

Gain 45 dB

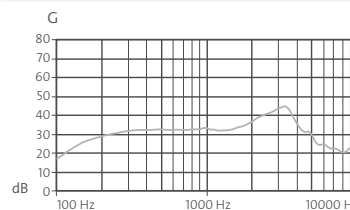
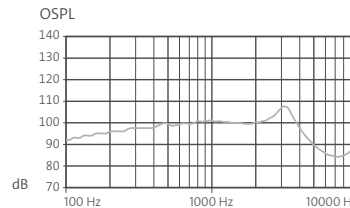


**Audio Service**

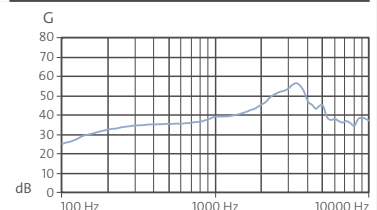
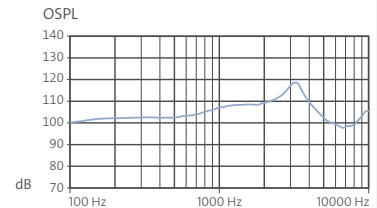
## MAXIMUM OUTPUT

Input: 90 dB

IEC 60118-7:2005<sup>4)</sup>  
ANSI S3.22-2009<sup>4)</sup>



IEC 60118-0<sup>5)</sup>



## MAXIMUM GAIN

Input: 50 dB

## TECHNICAL INFORMATION

### SATURATION OSPL 90

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%

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

<sup>5)</sup> 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.

# Mood 16 G3

Gain 60 dB

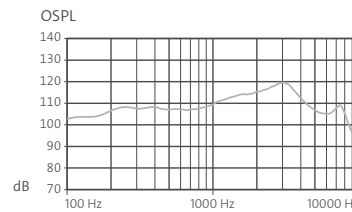


 **Audio Service**

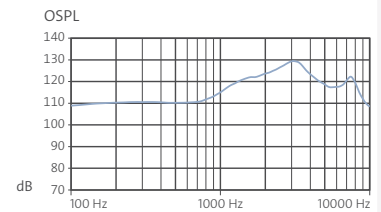
## MAXIMUM OUTPUT

Input: 90 dB

IEC 60118-7:2005<sup>4)</sup>  
ANSI S3.22-2009<sup>4)</sup>

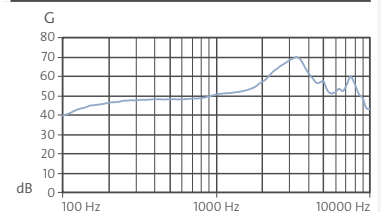
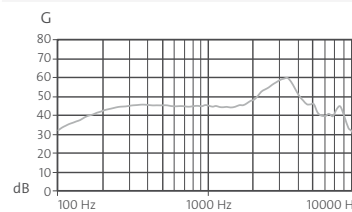


IEC 60118-0<sup>5)</sup>



## MAXIMUM GAIN

Input: 50 dB



## TECHNICAL INFORMATION

### SATURATION OSPL 90

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%

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

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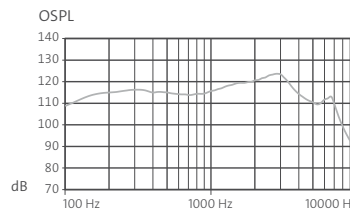
Gain 70 dB<sup>3)</sup>



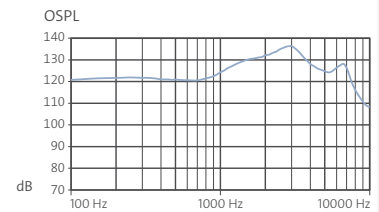
## MAXIMUM OUTPUT

Input: 90 dB

IEC 60118-7:2005<sup>4)</sup>  
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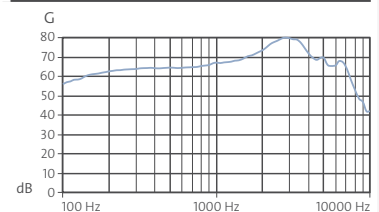
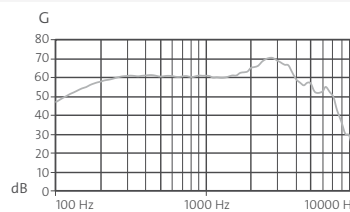


IEC 60118-0<sup>5)</sup>



## MAXIMUM GAIN

Input: 50 dB



## TECHNICAL INFORMATION

### SATURATION OSPL 90

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%

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

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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 Connex 7.5 and AudioFit 7.5 or higher.