

# Mood 12 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  
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



### TECHNICAL FEATURES

32 signal processing channels / 16 frequency channels  
16 AGC channels / 16 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
- Speech 360
- AudioSpot

Frequency and dynamics concept  

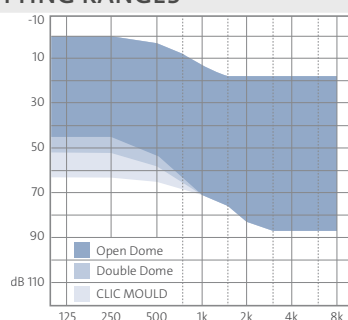
- TRC S
- Selective frequency compression
- Sound Upgrade (in wireless audio input mode)

Programmable Tinnitus function

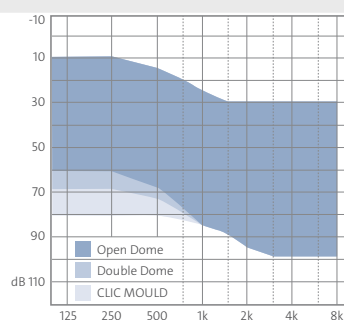
### AUTOMATIC FUNCTIONS

Intelligent Acclimatic  
Comformatic

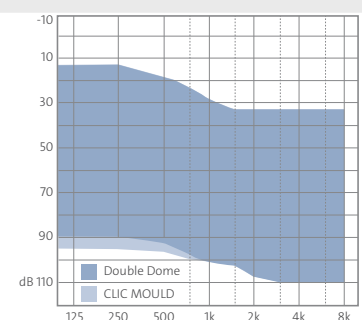
### FITTING RANGES



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 12 G3

Gain 45 dB

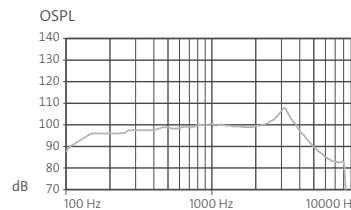


**Audio Service**

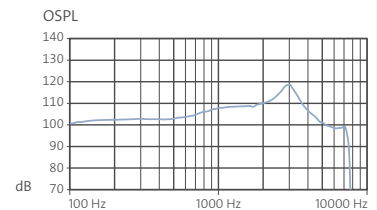
## MAXIMUM OUTPUT

Input: 90 dB

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

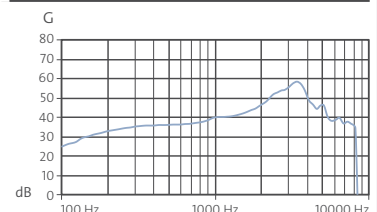
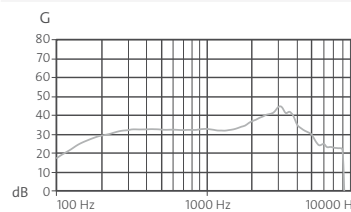


IEC 60118-0<sup>5)</sup>



## MAXIMUM GAIN

Input: 50 dB



## TECHNICAL INFORMATION

### SATURATION OSPL 90

|                              |        |        |
|------------------------------|--------|--------|
| Peak value at 90 dB          | 108 dB | 118 dB |
| 1,600 Hz (RTF)               | 99 dB  | 109 dB |
| HFA (High Frequency Average) | 100 dB | 107 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) | 36 dB | 40 dB |
| Reference test gain          | 21 dB | 35 dB |

### TECHNICAL FEATURES

|                               |                |                |
|-------------------------------|----------------|----------------|
| Battery type                  | 312            | 312            |
| Battery life in hours         | 124            | 124            |
| Frequency range               | 100 – 8.200 Hz | 100 – 8.300 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) | 64 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 12 G3

Gain 60 dB

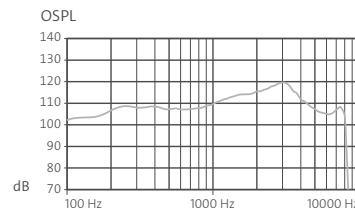


 **Audio Service**

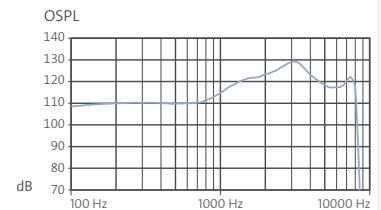
## MAXIMUM OUTPUT

Input: 90 dB

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

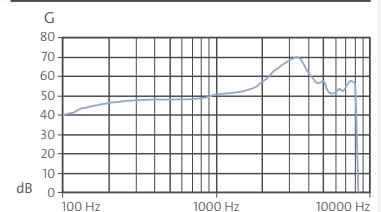
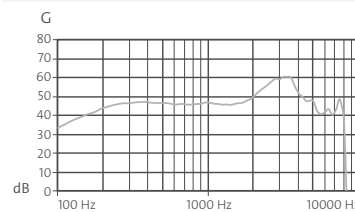


IEC 60118-0<sup>5)</sup>



## MAXIMUM GAIN

Input: 50 dB



## TECHNICAL INFORMATION

### SATURATION OSPL 90

|                              |        |        |
|------------------------------|--------|--------|
| Peak value at 90 dB          | 119 dB | 129 dB |
| 1,600 Hz (RTF)               | 113 dB | 122 dB |
| HFA (High Frequency Average) | 113 dB | 116 dB |

### FULL ON GAIN

|                              |       |       |
|------------------------------|-------|-------|
| Peak value at 50 dB          | 60 dB | 70 dB |
| 1,600 Hz (RTF)               | 46 dB | 53 dB |
| HFA (High Frequency Average) | 50 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 – 8,200 Hz | 100 – 8,300 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

<sup>5)</sup> Technical data measured in accordance with IEC 60118-0 at ear simulator



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# Mood 12 G3

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

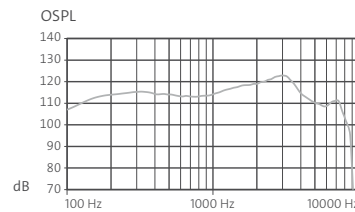


**Audio Service**

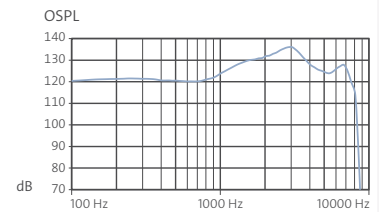
## MAXIMUM OUTPUT

Input: 90 dB

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

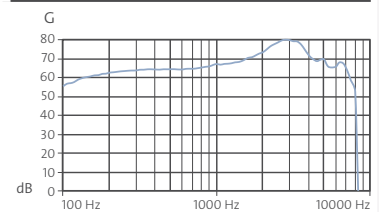
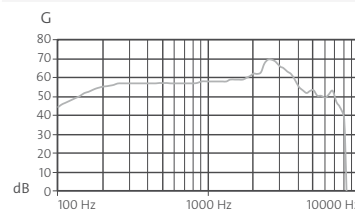


IEC 60118-0<sup>5)</sup>



## MAXIMUM GAIN

Input: 50 dB



## TECHNICAL INFORMATION

### SATURATION OSPL 90

|                              |        |        |
|------------------------------|--------|--------|
| Peak value at 90 dB          | 123 dB | 136 dB |
| 1,600 Hz (RTF)               | 118 dB | 130 dB |
| HFA (High Frequency Average) | 118 dB | 125 dB |

### FULL ON GAIN

|                              |       |       |
|------------------------------|-------|-------|
| Peak value at 50 dB          | 70 dB | 80 dB |
| 1,600 Hz (RTF)               | 58 dB | 70 dB |
| HFA (High Frequency Average) | 62 dB | 68 dB |
| Reference test gain          | 41 dB | 55 dB |

### TECHNICAL FEATURES

|                               |                |                |
|-------------------------------|----------------|----------------|
| Battery type                  | 312            | 312            |
| Battery life in hours         | 112            | 112            |
| Frequency range               | 100 – 7,800 Hz | 100 – 7,800 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

<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**

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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.

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