

# RIC HEARING SYSTEMS

## Mood Li-Ion G5



Tech Level 6 | 4



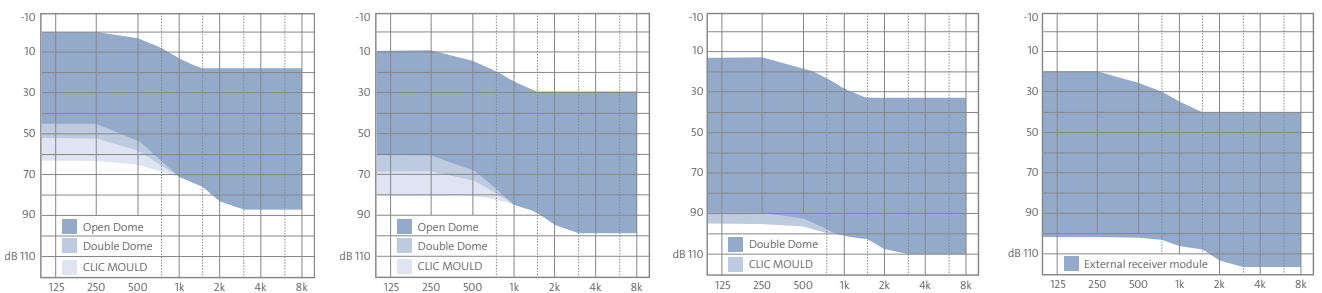
BATTERY: LITHIUM-ION BATTERY

AMPLIFICATION: 45 | 60 | 70 | 75 dB

### HOUSING COLORS

-  Beige (BG)
-  Grey (GR)
-  Silver (SLV)
-  Dark granite (DGT)
-  Deep brown (DBR)
-  Granite (GNT)
-  Pearl white (PRL)
-  Sandy brown (SB)

### FITTING RANGES



Fitting range external receiver 45 dB    Fitting range external receiver 60 dB    Fitting range external receiver 70 dB<sup>2)</sup>    Fitting range external receiver 75 dB

## BASIC FEATURES

	TL 6	TL 4
Battery compartment as on/off switch	—	—
Program button	—	—
Programmable push button	●	●
Programmable rocker switch	—	—
Level-dependent signal tones/melodies (can be activated/deactivated)	●	●
Telephone coil	—	—
Battery with lithium-ion technology	●	●
Personal color concept	—	—
Audiomatic power-on delay (can be activated/deactivated)	●	●
IP68-certified	●	●

## SIGNAL PROCESSING

Anti-Feedback system	●	●
Noise manager		
> Adaptive noise reduction	●	● (on/off)
> Wiener filter	●	● (on/off)
> Adaptive wind noise reduction, binaural	—	—
> Adaptive wind noise reduction	●	—
> Impulse suppressor	●	—
> Auto-situation adaption	—	—
> MotionSense	—	—
> Selectronic	—	—
AudioTronic multi-microphone system		
> Panorama	—	—
> Directional static	●	●
> Automatic	●	●
> Adaptive	●	—
> AudioFocus 360	—	—
> Speech 360	—	—
> AudioDirSelect	—	—
> SpatialSpot	—	—
> AudioSpot	—	—
Frequency and dynamics concept		
> Extended dynamic range	●	●
> TRC S	●	●
> Selective frequency compression	●	●
> HiFi functionality	—	—
> Gain setting dependent on environment (only in Direct Audio Streaming)	●	●
Programmable tinnitus function	●	—




## AUTOMATIC FUNCTIONS

Occlumatic	—	—
Comfort365	●	●
Intelligent Acclimatic	—	—
Acclimatic	●	●
Comformatic	—	—


## TECHNICAL FEATURES

	TL 6	TL 4
Signal processing channels	16	16
Frequency channels	8	8
AGC channels	8	8
MPO channels	8	8
Hearing programs	4	4
> MusicSelect	—	—
> 2earPhone	—	—
> EchoClear/dereverberation	—	—
Data Logging	●	●
Wireless		
> AudioLink	—	—
> Binaural synchronization	●	●
> Direct Audio Streaming iPhone (Android <sup>3)</sup> )	●	●
> CROS/BiCROS (CROS RIC required)	—	—

## ACCESSORIES | OPTIONS

Smart Li-Ion Power (mandatory)		○	○
Smart Mic		○	○
Smart Transmitter 2,4		○	○
Smart Key		○	○
CROS RIC G5		—	—
External receiver set S <sup>1)</sup>		○	○
External receiver set M <sup>1)</sup>		○	○
External receiver set P <sup>1) 2)</sup>		○	○
Individual CLIC MOULD 2.0 (Open or Power)		○	○
Click Domes (Open, Semi-Open, Closed or Double)		○	○
Click Sleeves (Open or Closed)		○	○

## APPS

Smart Direct app		○	○
> with hearing environment profile		○	○

## PROGRAMMING

ConnexxAir	—	—
ConnexxLink	—	—
NoahLink WL (BLE)	●	●
Programming adapter 10	—	—
Programming adapter 312	—	—
Programming adapter 13	—	—
Programming adapter Flex-Connect	—	—
Programming cable CS44	—	—

<sup>1)</sup> Measured in accordance with IEC 60118-0:2015, ANSI S3.22-2014

<sup>2)</sup> 70 dB measured with CLIC MOULD 2.0, values vary if domes are used for fitting.

<sup>3)</sup> Smart Mic required

● = Standard equipment    ○ = optional    — = not available

More information on the individual features is available at [www.audioservice.com](http://www.audioservice.com)

# Mood Li-Ion G5

## S-RECEIVER | Amplification 45 dB

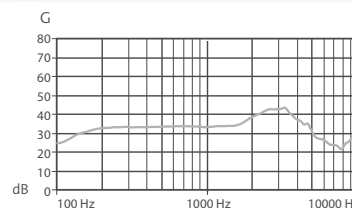
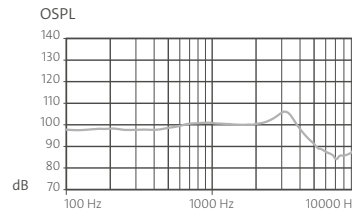
### MAXIMUM OUTPUT

LE = 90 dB

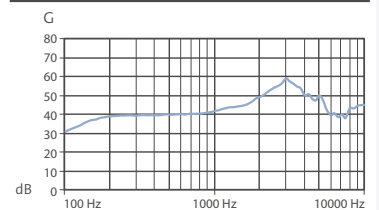
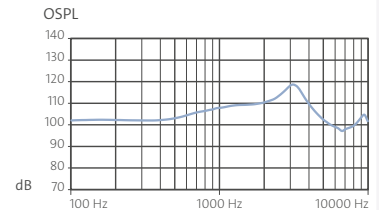
### MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015<sup>4)</sup>  
ANSI S3.22-2014<sup>4)</sup>



IEC 118-0/A1:1994<sup>5)</sup>



### TECHNICAL INFORMATION

#### MAXIMUM OUTPUT

Peak value at 90 dB	108 dB	119 dB
1,600 Hz (RTF)	100 dB	109 dB
Mean value at high frequencies	101 dB	106 dB

#### FULL ON GAIN

Peak value at 50 dB	45 dB	56 dB
1,600 Hz (RTF)	34 dB	43 dB
Mean value at high frequencies	37 dB	43 dB
Reference test gain	24 dB	34 dB

#### TECHNICAL FEATURES

Battery type	Lithium-ion battery	Lithium-ion battery
Battery life in hours (without streaming)	up to 21	up to 21
Battery life in hours (incl. 5 hrs streaming)	up to 19	up to 19
Frequency range	100 – 8,200 Hz	100 – 8,300 Hz
Battery consumption	1.2 mA	1.2 mA
Equivalent input sound pressure level of the inherent noise	19 dB	20 dB
Tinnitus Noiser, broadband	65 dB	
Distortion		
500 Hz	1%	1%
800 Hz	1%	1%
1,600 Hz	1%	2%

<sup>4)</sup> All measurements were performed with 2 ccm couplers (where applicable) according to ANSI S3.22-2014 and IEC 60118-0:2015. | Curves depict exclusively TL 16 with an expanded frequency range.

<sup>5)</sup> All measurements were performed with the ear simulator (where applicable) according to IEC 118-0/A1:1994 and DIN 45605 (frequency range). | Curves depict exclusively TL 16 with an expanded frequency range.



**WARNING**

Small parts present a choking hazard.

This device is not suitable for fitting to babies, small children or mentally disabled persons.

# Mood Li-Ion G5

## M-RECEIVER | Amplification 60 dB

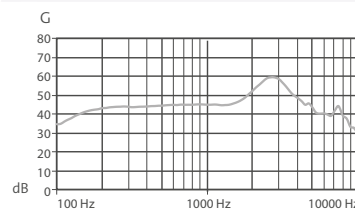
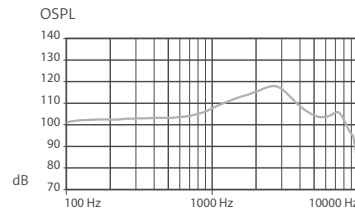
### MAXIMUM OUTPUT

LE = 90 dB

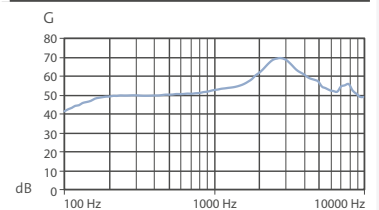
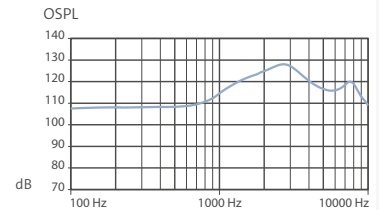
### MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015<sup>4)</sup>  
ANSI S3.22-2014<sup>4)</sup>



IEC 118-0/A1:1994<sup>5)</sup>



### TECHNICAL INFORMATION

#### MAXIMUM OUTPUT

Peak value at 90 dB	119 dB	129 dB
1,600 Hz (RTF)	113 dB	123 dB
Mean value at high frequencies	113 dB	116 dB

#### FULL ON GAIN

Peak value at 50 dB	60 dB	70 dB
1,600 Hz (RTF)	46 dB	55 dB
Mean value at high frequencies	50 dB	54 dB
Reference test gain	36 dB	48 dB

#### TECHNICAL FEATURES

Battery type	Lithium-ion battery	Lithium-ion battery
Battery life in hours (without streaming)	up to 21	up to 21
Battery life in hours (incl. 5 hrs streaming)	up to 19	up to 19
Frequency range	100 – 8,200 Hz	100 – 8,300 Hz
Battery consumption	1.4 mA	1.4 mA
Equivalent input sound pressure level of the inherent noise	19 dB	23 dB
Tinnitus Noiser, broadband	70 dB	
Distortion		
500 Hz	1%	2%
800 Hz	2%	3%
1,600 Hz	1%	2%

<sup>4)</sup> All measurements were performed with 2 ccm couplers (where applicable) according to ANSI S3.22-2014 and IEC 60118-0:2015. | Curves depict exclusively TL 16 with an expanded frequency range.

<sup>5)</sup> All measurements were performed with the ear simulator (where applicable) according to IEC 118-0/A1:1994 and DIN 45605 (frequency range). | Curves depict exclusively TL 16 with an expanded frequency range.



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# Mood Li-Ion G5

## P-RECEIVER | Amplification 70 dB<sup>2)</sup>

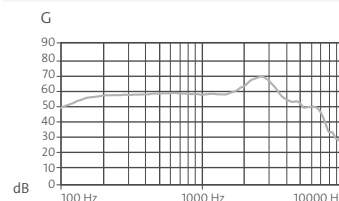
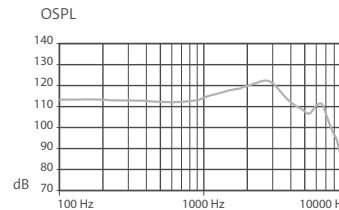
### MAXIMUM OUTPUT

LE = 90 dB

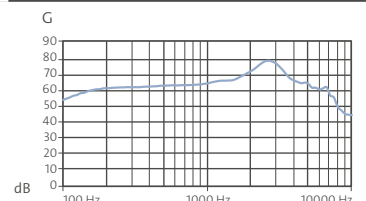
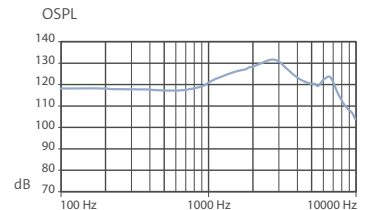
### MAXIMUM GAIN

Amplification at LE = 50 dB

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



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



### TECHNICAL INFORMATION

#### MAXIMUM OUTPUT

Peak value at 90 dB	124 dB	134 dB
1,600 Hz (RTF)	118 dB	128 dB
Mean value at high frequencies	119 dB	122 dB

#### FULL ON GAIN

Peak value at 50 dB	70 dB	80 dB
1,600 Hz (RTF)	60 dB	70 dB
Mean value at high frequencies	63 dB	68 dB
Reference test gain	42 dB	53 dB

#### TECHNICAL FEATURES

Battery type	Lithium-ion battery	Lithium-ion battery
Battery life in hours (without streaming)	up to 21	up to 21
Battery life in hours (incl. 5 hrs streaming)	up to 19	up to 19
Frequency range	100 – 7,500 Hz	100 – 8,100 Hz
Battery consumption	1.3 mA	1.3 mA
Equivalent input sound pressure level of the inherent noise	18 dB	21 dB
Tinnitus Noiser, broadband	75 dB	—
Distortion		
500 Hz	1%	3%
800 Hz	2%	4%
1,600 Hz	1%	2%

<sup>2)</sup> 70 dB measured with CLIC MOULD 2.0, values vary if domes are used for fitting.

<sup>4)</sup> All measurements were performed with 2 ccm couplers (where applicable) according to ANSI S3.22-2014 and IEC 60118-0:2015. | Curves depict exclusively TL 16 with an expanded frequency range.

<sup>5)</sup> All measurements were performed with the ear simulator (where applicable) according to IEC 118-0/A1:1994 and DIN 45605 (frequency range). | Curves depict exclusively TL 16 with an expanded frequency range.



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**WARNING**

The maximum output sound pressure level of the hearing systems can reach or exceed 132 dB SPL.  
Risk of damage to the hearing of the wearer. Ensure that the hearing systems are fitted with care.

# Mood Li-Ion G5

## HP-RECEIVER | Amplification 75 dB

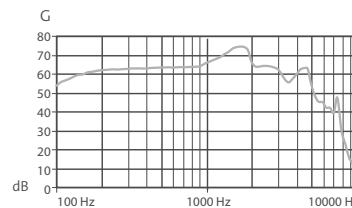
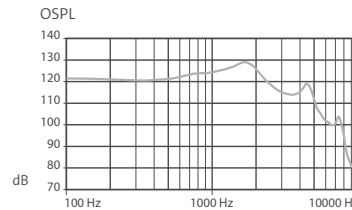
### MAXIMUM OUTPUT

LE = 90 dB

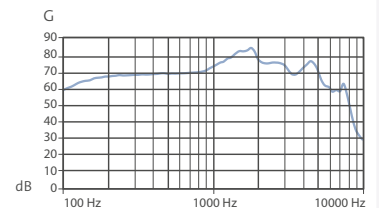
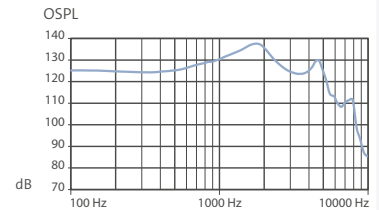
### MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015<sup>4)</sup>  
ANSI S3.22-2014<sup>4)</sup>



IEC 118-0/A1:1994<sup>5)</sup>



### TECHNICAL INFORMATION

#### MAXIMUM OUTPUT

Peak value at 90 dB	130 dB	138 dB
1,600 Hz (RTF)	129 dB	137 dB
Mean value at high frequencies	123 dB	130 dB

#### FULL ON GAIN

Peak value at 50 dB	75 dB	82 dB
1,600 Hz (RTF)	68 dB	81 dB
Mean value at high frequencies	69 dB	73 dB
Reference test gain	46 dB	62 dB

#### TECHNICAL FEATURES

Battery type	Lithium-ion battery	Lithium-ion battery
Battery life in hours (without streaming)	up to 21	up to 21
Battery life in hours (incl. 5 hrs streaming)	up to 19	up to 19
Frequency range	100 – 7,300 Hz	250 – 6,100 Hz
Battery consumption	1.3 mA	1.3 mA
Equivalent input sound pressure level of the inherent noise	16 dB	12 dB
Tinnitus Noiser, broadband	85 dB	
Distortion		
500 Hz	1%	2%
800 Hz	2%	2%
1,600 Hz	1%	1%

<sup>4)</sup> All measurements were performed with 2 ccm couplers (where applicable) according to ANSI S3.22-2014 and IEC 60118-0:2015. | Curves depict exclusively TL 16 with an expanded frequency range.

<sup>5)</sup> All measurements were performed with the ear simulator (where applicable) according to IEC 118-0/A1:1994 and DIN 45605 (frequency range). | Curves depict exclusively TL 16 with an expanded frequency range.



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**WARNING**

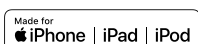
The maximum output sound pressure level of the hearing systems can reach or exceed 132 dB SPL.  
Risk of damage to the hearing of the wearer. Ensure that the hearing systems are fitted with care.

The energy consumption measurement was performed according to the usual standard in the test setting. Due to the behavior of hearing systems with RF (radio frequency), the battery consumption was measured three minutes after switching on (without pairing).

The battery life is based on a first fit setting for 60% of the fitting range and was determined with an ISTS input signal (International Speech Test Signal) of 65 dB (pairing active). The actual battery life is determined by the battery quality, the hearing loss, the acoustic environment, usage and the functions enabled. With RF usage (Bluetooth streaming), two different scenarios are taken into account.

Special note for devices with built-in lithium-ion battery: the battery life of all lithium-ion batteries decreases over time. The estimates are based on a new lithium-ion battery. Under normal operating conditions, the battery will retain up to 80% of its original capacity after two years. Please note that the battery performance may vary according to individual use and operating conditions.

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For control ranges and more programming features see Hearing System Simulation of Connexx 9.0.6, AudioFit 9.0.5 or higher.

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