

# RIC HEARING SYSTEMS

## Rixx G5

**Tech Level** 16 | 12 | 8



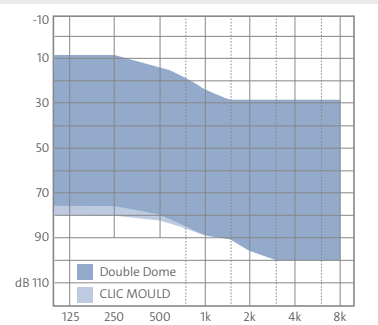
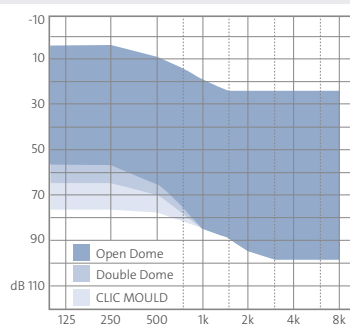
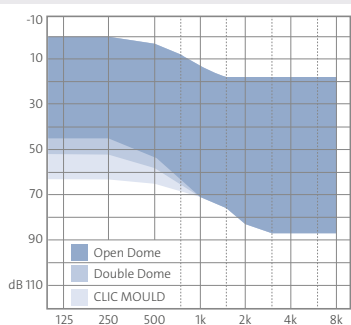
**BATTERY:** 10

**AMPLIFICATION:** 45 | 55 | 60 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



## BASIC FEATURES

	TL 16	TL 12	TL 8
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	●	●	●
> Wiener filter	●	●	●
> 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 Wireless Audio Streaming mode)	—	—	—
Programmable tinnitus function (Support for tinnitus notch therapy)	●	●	●




## AUTOMATIC FUNCTIONS

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



## TECHNICAL FEATURES

	TL 16	TL 12	TL 8
Signal processing channels	48	34	34
Frequency channels	20	16	12
AGC channels	20	16	12
MPO channels	20	16	12
Hearing programs	6	6	6
> MusicSelect	3	1	—
> 2earPhone	—	—	—
> EchoClear/dereverberation	●	—	—
Data Logging	●	●	●
Wireless			
> AudioLink	—	—	—
> Binaural synchronization	—	—	—
> Direct Audio Streaming iPhone (Android <sup>2)</sup> )	—	—	—
> CROS/BiCROS (CROS RIC required)	—	—	—

## ACCESSORIES | OPTIONS

Smart Li-Ion Power		—	—	—
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)</sup>		○	○	○
Individual CLIC MOULD 2.0 Power (Open or Power)		○	○	○
Click Domes (Open, Semi-Open, Closed or Double)		○	○	○
Click Sleeves (Open or Closed)		○	○	○

## APP

Smart Direct app		—	—	—
> with hearing environment profile		—	—	—
Smart Remote app		○	○	○
> with AudioDirSelect		—	—	—

## 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> Smart Mic required

● = Standard equipment    ○ = optional    — = not available

# Rixx G5

## S-RECEIVER | Amplification 45 dB

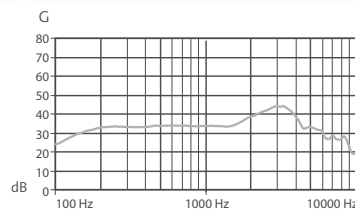
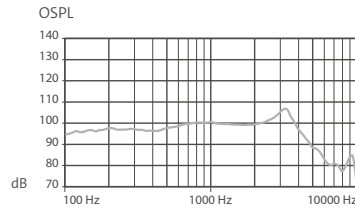
### MAXIMUM OUTPUT

LE = 90 dB

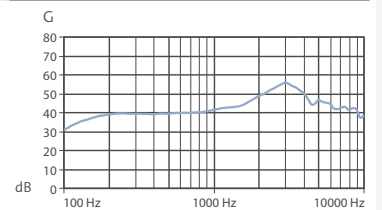
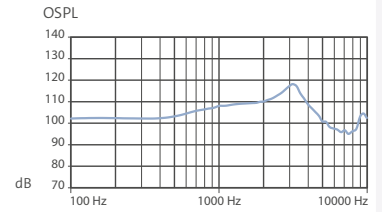
### MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015<sup>2)</sup>  
ANSI S3.22-2014<sup>2)</sup>



IEC 118-0/A1:1994<sup>3)</sup>



### TECHNICAL INFORMATION

#### MAXIMUM OUTPUT

Peak value at 90 dB	108 dB	118 dB
1,600 Hz (RTF)	100 dB	108 dB
Mean value at high frequencies	102 dB	107 dB

#### FULL ON GAIN

Peak value at 50 dB	45 dB	55 dB
1,600 Hz (RTF)	35 dB	45 dB
Mean value at high frequencies	37 dB	43 dB
Reference test gain	25 dB	33 dB

#### TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	52	52
Frequency range TL 16   12   8	100 – 10,000 Hz	100 – 10,500 Hz
Battery consumption	1.2 mA	1.2 mA
Equivalent input sound pressure level of the inherent noise	19 dB	22 dB
Tinnitus Noiser, broadband	65 dB	
Distortion		
500 Hz	1%	1%
800 Hz	1%	1%
1,600 Hz	1%	2%

<sup>2)</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>3)</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.

# Rixx G5

## M-RECEIVER | Amplification 55 dB

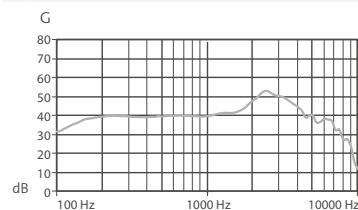
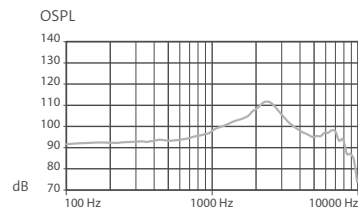
### MAXIMUM OUTPUT

LE = 90 dB

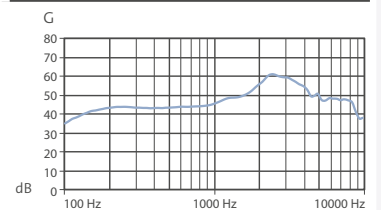
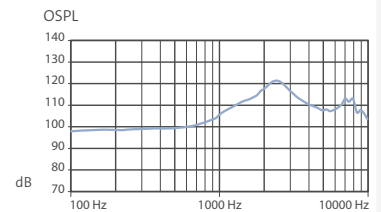
### MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015<sup>2)</sup>  
ANSI S3.22-2014<sup>2)</sup>



IEC 118-0/A1:1994<sup>3)</sup>



### TECHNICAL INFORMATION

#### MAXIMUM OUTPUT

Peak value at 90 dB	113 dB	123 dB
1,600 Hz (RTF)	105 dB	116 dB
Mean value at high frequencies	107 dB	108 dB

#### FULL ON GAIN

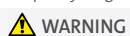
Peak value at 50 dB	55 dB	65 dB
1,600 Hz (RTF)	42 dB	52 dB
Mean value at high frequencies	44 dB	49 dB
Reference test gain	30 dB	41 dB

#### TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	52	52
Frequency range TL 16   12   8	100 – 8,700 Hz	100 – 10,000 Hz
Battery consumption	1.3 mA	1.3 mA
Equivalent input sound pressure level of the inherent noise	19 dB	22 dB
Tinnitus Noiser, broadband	70 dB	
Distortion		
500 Hz	1%	2%
800 Hz	2%	3%
1,600 Hz	1%	2%

<sup>2)</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>3)</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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# Rixx G5

## P-RECEIVER | Amplification 60 dB

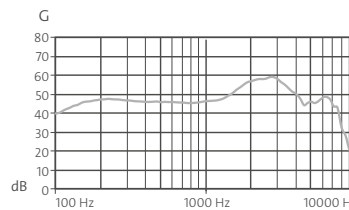
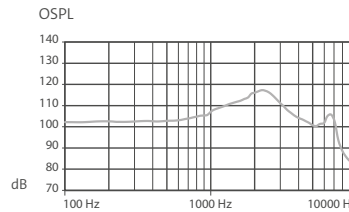
### MAXIMUM OUTPUT

LE = 90 dB

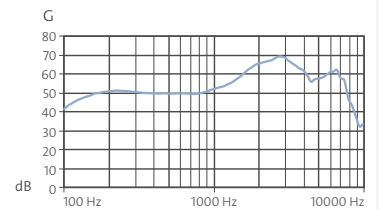
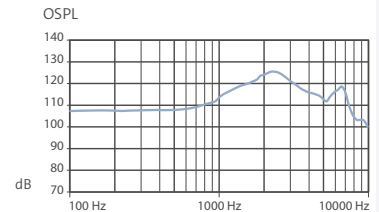
### MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015<sup>2)</sup>  
ANSI S3.22-2014<sup>2)</sup>



IEC 118-0/A1:1994<sup>3)</sup>



### TECHNICAL INFORMATION

#### MAXIMUM OUTPUT

Peak value at 90 dB	118 dB	126 dB
1,600 Hz (RTF)	112 dB	122 dB
Mean value at high frequencies	112 dB	116 dB

#### FULL ON GAIN

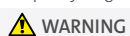
Peak value at 50 dB	60 dB	70 dB
1,600 Hz (RTF)	52 dB	61 dB
Mean value at high frequencies	52 dB	56 dB
Reference test gain	35 dB	47 dB

#### TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	52	52
Frequency range TL 16   12   8	100 – 7,800 Hz	100 – 8,500 Hz
Battery consumption	1.2 mA	1.2 mA
Equivalent input sound pressure level of the inherent noise	19 dB	22 dB
Tinnitus Noiser, broadband	75 dB	
Distortion		
500 Hz	1%	1%
800 Hz	2%	2%
1,600 Hz	1%	1%

<sup>2)</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>3)</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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09.2018/Subject to technical modifications and errors. Colors may vary due to the printing process.

For control ranges and more programming features see Hearing System Simulation of Connex 8.5.10, AudioFit 8.5.5 or higher.