

Rixx 16 G4

RECEIVER-IN-CANAL HEARING SYSTEM (RIC) WITH BATTERY SIZE 10



PRODUCT FEATURES

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

BASIC FEATURES

Battery compartment as on/off switch
Program button
Level-dependent signal tones/melodies (activate/deactivate) for low battery voltage, program change, on/off function
Personal-Color-Concept
Audiomatic power-on delay (P) (activate/deactivate)
IP67-certified

OPTIONS



Remote Control Smart Key
Smart Remote App
External receiver S with FOG = 45 dB¹⁾
External receiver M with FOG = 55 dB¹⁾
External receiver P with FOG = 60 dB¹⁾
Customized CLIC MOULD 2.0 (Open or Power)
Click Domes (Open, Semi-open, Closed or Double)

PROGRAMMING ADAPTER

Adapter 10 Art. No. 108 24 471

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)
- > EchoClear / Dereverberation

 Data Logging

SIGNAL PROCESSING

Anti-Feedback system
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

 Frequency and dynamics concept

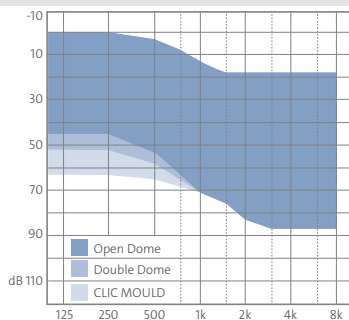
- > TRC S
- > Selective frequency compression
- > HiFi functionality

 Programmable Tinnitus function

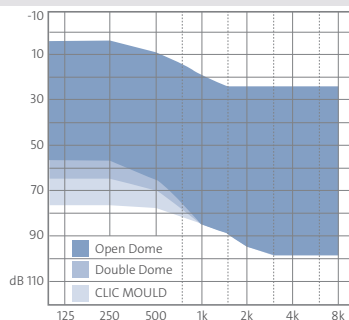
AUTOMATIC FUNCTIONS

Comfort365
Intelligent Acclimatic
Comformatic

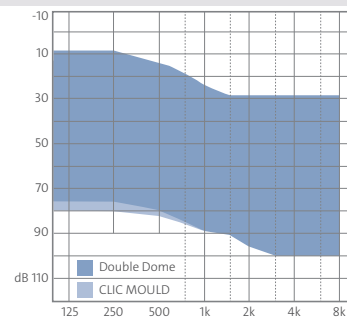
FITTING RANGES



Fitting range external receiver 45 dB



Fitting range external receiver 55 dB



Fitting range external receiver 60 dB

¹⁾ measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009
P = Patent

For more information of features please check out our website www.audioservice.com.

Rixx 16 G4

Gain 45 dB



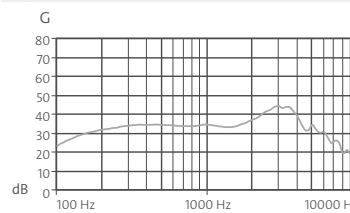
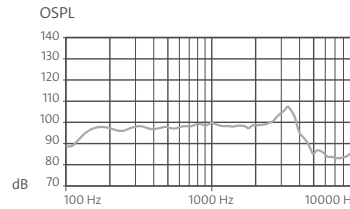
MAXIMUM OUTPUT

Input: 90 dB

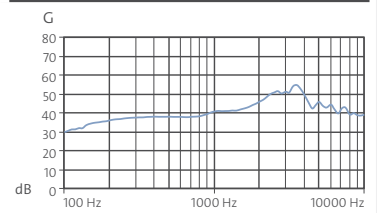
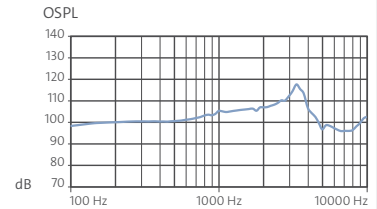
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005²⁾
ANSI S3.22-2009²⁾



IEC 60118-0³⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

| | | |
|------------------------------|--------|--------|
| Peak value at 90 dB | 108 dB | 118 dB |
| 1,600 Hz (RTF) | 99 dB | 107 dB |
| HFA (High Frequency Average) | 100 dB | 105 dB |

FULL ON GAIN

| | | |
|------------------------------|-------|-------|
| Peak value at 50 dB | 45 dB | 55 dB |
| 1,600 Hz (RTF) | 35 dB | 43 dB |
| HFA (High Frequency Average) | 37 dB | 42 dB |
| Reference test gain | 23 dB | 36 dB |

TECHNICAL FEATURES

| | | |
|-----------------------------|-----------------|-----------------|
| Battery type | 10 | 10 |
| Battery life in hours | 90 | 90 |
| Frequency range | 100 – 10,000 Hz | 100 – 10,500 Hz |
| Battery current consumption | 0.70 mA | 0.70 mA |
| Equivalent noise level | 19 dB | 22 dB |
| Tinnitus noiser broadband | 65 dB | |
| Distortion | | |
| 500 Hz | 1% | 1% |
| 800 Hz | 1% | 1% |
| 1,600 Hz | 1% | 2% |

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

³⁾ 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.

Rixx 16 G4

Gain 55 dB



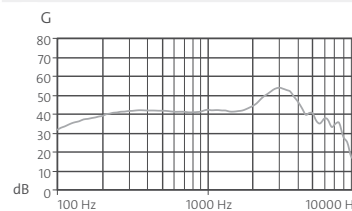
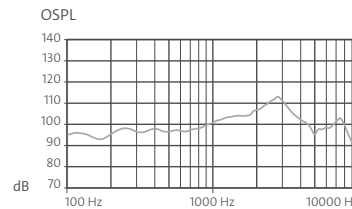
MAXIMUM OUTPUT

Input: 90 dB

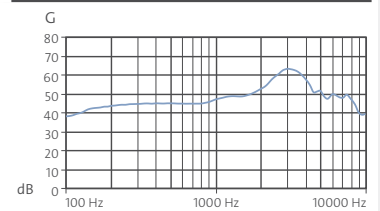
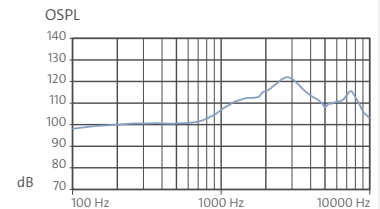
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005²⁾
ANSI S3.22-2009²⁾



IEC 60118-0³⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

| | | |
|------------------------------|--------|--------|
| Peak value at 90 dB | 113 dB | 123 dB |
| 1,600 Hz (RTF) | 104 dB | 112 dB |
| HFA (High Frequency Average) | 105 dB | 107 dB |

FULL ON GAIN

| | | |
|------------------------------|-------|-------|
| Peak value at 50 dB | 55 dB | 65 dB |
| 1,600 Hz (RTF) | 42 dB | 50 dB |
| HFA (High Frequency Average) | 45 dB | 49 dB |
| Reference test gain | 28 dB | 43 dB |

TECHNICAL FEATURES

| | | |
|-----------------------------|----------------|-----------------|
| Battery type | 10 | 10 |
| Battery life in hours | 63 | 63 |
| Frequency range | 100 – 8,700 Hz | 100 – 10,000 Hz |
| Battery current consumption | 1.00 mA | 1.00 mA |
| Equivalent noise level | 19 dB | 22 dB |
| Tinnitus noiser broadband | 70 dB | |
| Distortion | | |
| 500 Hz | 1% | 2% |
| 800 Hz | 2% | 3% |
| 1,600 Hz | 1% | 2% |

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

³⁾ Technical data measured in accordance with IEC 60118-0 at ear simulator



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Gain 60 dB



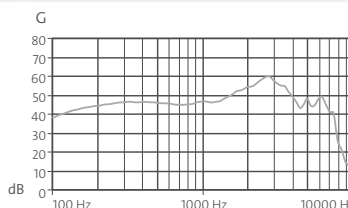
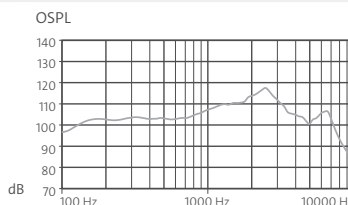
MAXIMUM OUTPUT

Input: 90 dB

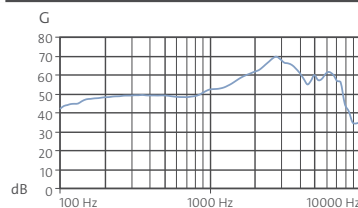
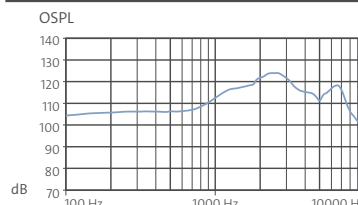
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005²⁾
ANSI S3.22-2009²⁾



IEC 60118-0³⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

| | | |
|------------------------------|--------|--------|
| Peak value at 90 dB | 118 dB | 126 dB |
| 1,600 Hz (RTF) | 110 dB | 118 dB |
| HFA (High Frequency Average) | 112 dB | 114 dB |

FULL ON GAIN

| | | |
|------------------------------|-------|-------|
| Peak value at 50 dB | 60 dB | 70 dB |
| 1,600 Hz (RTF) | 50 dB | 58 dB |
| HFA (High Frequency Average) | 52 dB | 54 dB |
| Reference test gain | 35 dB | 51 dB |

TECHNICAL FEATURES

| | | |
|-----------------------------|----------------|----------------|
| Battery type | 10 | 10 |
| Battery life in hours | 70 | 70 |
| Frequency range | 100 – 7,800 Hz | 100 – 8,500 Hz |
| Battery current consumption | 0.90 mA | 0.90 mA |
| Equivalent noise level | 19 dB | 22 dB |
| Tinnitus noiser broadband | 75 dB | |
| Distortion | | |
| 500 Hz | 1% | 1% |
| 800 Hz | 2% | 2% |
| 1,600 Hz | 1% | 1% |

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

³⁾ Technical data measured in accordance with IEC 60118-0 at ear simulator



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10.2016 / Subject to change without prior notice. Color deviation possible due to printing process.

For control ranges and more programming features see Hearing Instrument Simulation of Connex 8.2 and AudioFit 8.2 or higher.

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