

Rixx 16 G4

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



 **Audio Service**

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

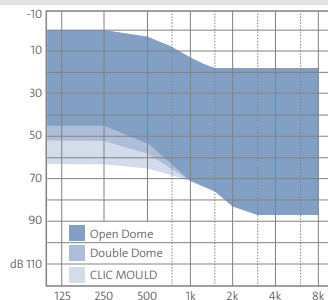
SIGNAL PROCESSING

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

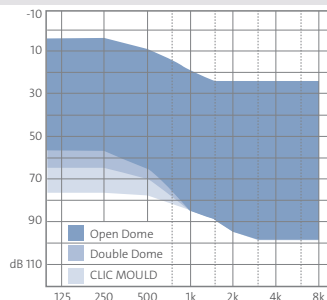
AUTOMATIC FUNCTIONS

Comfort365
Intelligent Acclimatic
Conformatic

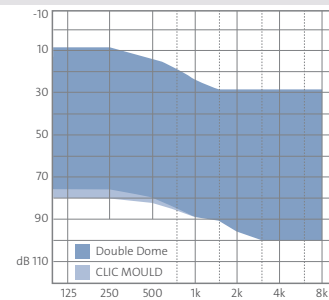
FITTING RANGES



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.

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Gain 45 dB

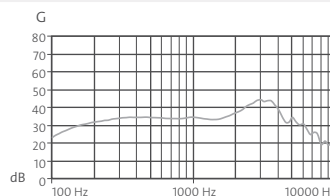
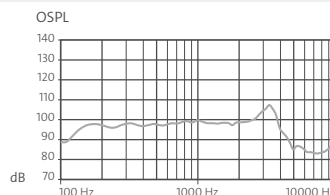


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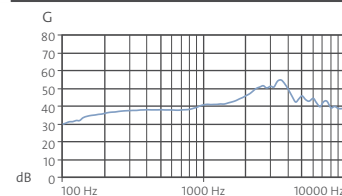
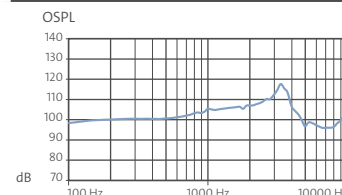
MAXIMUM OUTPUT

Input: 90 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



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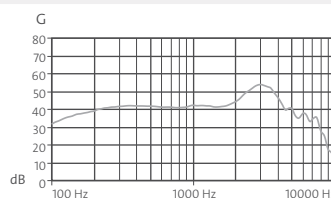
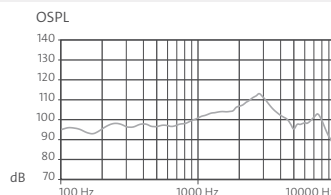
MAXIMUM OUTPUT

Input: 90 dB

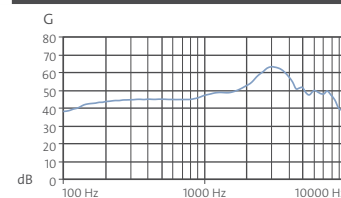
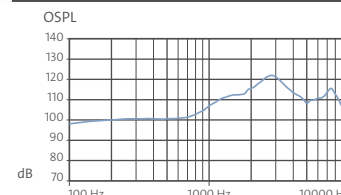
MAXIMUM GAIN

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

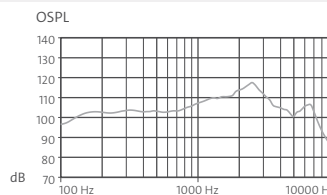


Audio Service

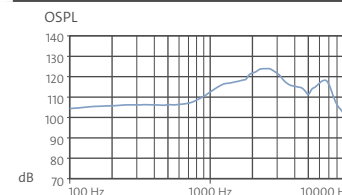
MAXIMUM OUTPUT

Input: 90 dB

IEC 60118-7:2005²⁾
ANSI S3.22-2009²⁾

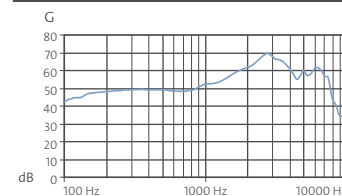
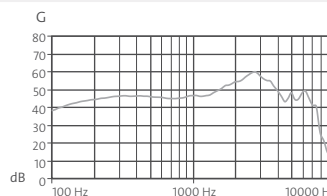


IEC 60118-0³⁾



MAXIMUM GAIN

Input: 50 dB



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

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