Audio Service

RIC HEARING SYSTEMS

Sun 16 G5 NT

16
Tech Level


Click Dome


Click Sleeve

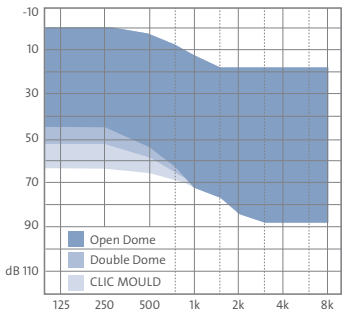

CLIC MOULD

BATTERY: 13 AMPLIFICATION: 45 | 60 | 70 dB

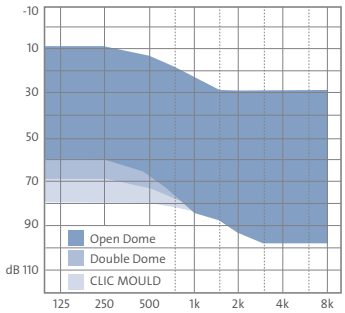
HOUSING COLORS

Beige	Gray	Silver	Granite
Dark brown	Dark gray	Pearly white	Bronze

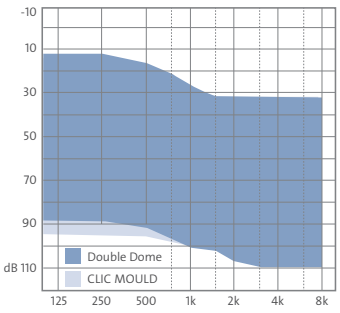
FITTING RANGES



Fitting range external receiver 45 dB



Fitting range external receiver 60 dB



Fitting range external receiver 70 dB[2)]

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BASIC FEATURES

	Tech Level 16
Battery compartment as on/off switch	●
Programmable rocker switch	●
Level-dependent signal tones/melodies (can be activated/deactivated)	●
› Signal tones HQ	●
Personal color concept	●
Audiomatic power-on delay (P) (can be activated/deactivated)	●
IP67-certified	●

SIGNAL PROCESSING

Anti-feedback system	●
Noise Manager	
› Adaptive noise reduction	●
› Wiener filter	●
› Binaural wind noise reduction	●
› Impulse suppressor	●
› Auto-situation adaption	●
› MotionSense	●
› Selectronic	●
AudioTronic multi-microphone system	
› Panorama	●
› Directional static	●
› Automatic	●
› Adaptive	●
› AudioFocus 360	●
› AudioDirSelect	●
› SpatialSpot	●
Frequency and dynamics concept	
› Expanded input dynamics	●
› TRC S	●
› Selective frequency compression	●
› HiFi functionality 11.7 kHz	●
› Volume setting dependent on environment (Only in Wireless Audio Streaming operating mode)	●
Support for tinnitus notch therapy	●

AUTOMATIC FUNCTIONS

Occlumatic	●
Comfort365	●
Intelligent Acclimatic	●
Comformatic	●

TECHNICAL FEATURES

	Tech Level 16
Signal processing channels	48
Frequency channels	20
AGC channels	20
MPO channels	20
Hearing programs	6
› MusicSelect (live music, musicians, sound carriers)	3
› 2earPhone	●
› EchoClear/dereverberation	●
Data Logging	●
Wireless	
› AudioLink	●
› Binaural synchronization	●
› Direct audio streaming via *Bluetooth®* (iPhone) in high quality	●
› CROS/BiCROS	●

ACCESSORIES | OPTIONS

Remote control Smart Key	●
Smart Transmitter 2,4	●
External receiver set S with Vmax = 45 dB[1)]	●
External receiver set M with Vmax = 60 dB[1)]	●
External receiver set P with Vmax = 70 dB[1)2)]	●
Individual CLIC MOULD 2.0 (Open or Power)	●
Click Domes (Open, Semi-Open, Closed or Double)	●
Click Sleeves (Open or Closed)	●

APPS

Smart Remote app	●
Smart Direct app	●
› Hearing environment profile	●

PROGRAMMING

Bluetooth® BLE Wireless Programming via Noahlink Wireless		●
Cable for HiPro interface, right	Art. no. 029 44 986	●
Cable for HiPro interface, left	Art. no. 029 44 994	●
Cable for NOAHlink interface, right	Art. no. 106 02 843	●
Cable for NOAHlink interface, left	Art. no. 106 02 842	●
Adapter 13	Art. no. 108 24 470	●

[1)] Measured in accordance with IEC 60118-7:2005, ANSI S3.22-2009
[2)] 70 dB measured with CLIC MOULD 2.0, values vary if domes are used for fitting.
P = Registered patent ● = Standard equipment

More information on the individual features is available at **www.audioservice.com**

Sun 16 G5 NT

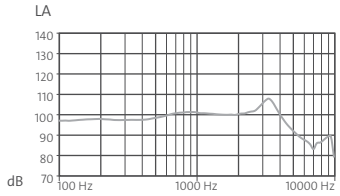
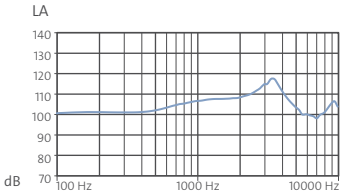
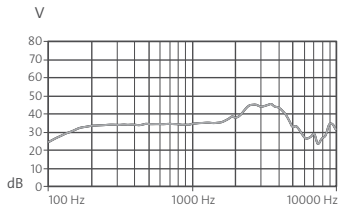
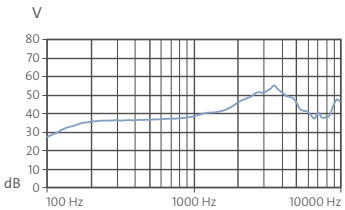
S-RECEIVER | Amplification 45 dB

MAXIMUM OUTPUT

LE = 90 dB

MAXIMUM GAIN

Input = 50 dB

IEC 60118-7:2005[3] ANSI S3.22-2009[3]	IEC 60118-0[4]
	
	

TECHNICAL INFORMATION

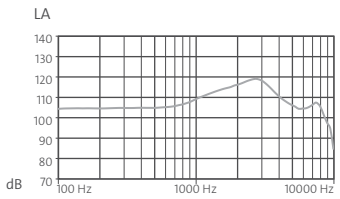
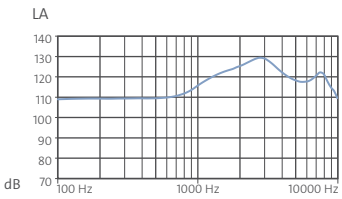
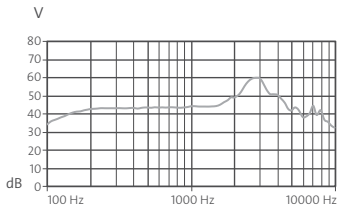
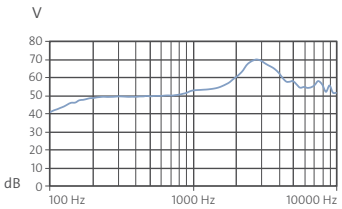
		IEC 60118-7:2005[3] ANSI S3.22-2009[3]	IEC 60118-0[4]
MAXIMUM OUTPUT			
Peak value at 90 dB		108 dB	119 dB
1.600 Hz (RTF)		100 dB	108 dB
HFA (High Frequency Average)		101 dB	105 dB
FULL ON GAIN			
Peak value at 50 dB		45 dB	56 dB
1.600 Hz (RTF)		35 dB	41 dB
HFA (High Frequency Average)		38 dB	40 dB
Reference test gain		24 dB	34 dB
TECHNICAL FEATURES			
Battery type		13	13
Battery life in hours		129	129
Frequency range		100 – 10.000 Hz	100 – 10.000 Hz
Battery current consumption		1,3 mA	1,3 mA
Equivalent noise level		19 dB	20 dB
Tinnitus noiser broadband		65 dB	
Telecoil sensitivity (10 mA/m)		–	–
Distortion	500 Hz	1%	1%
	800 Hz	1%	1%
	1.600 Hz	1%	2%

[3] Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2 ccm coupler
[4] 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.

Sun 16 G5 NT

M-RECEIVER | Amplification 60 dB

	IEC 60118-7:2005[3] ANSI S3.22-2009[3]	IEC 60118-0[4]
MAXIMUM OUTPUT LE = 90 dB		
MAXIMUM GAIN Input = 50 dB		

TECHNICAL INFORMATION

		IEC 60118-7:2005[3] ANSI S3.22-2009[3]	IEC 60118-0[4]
MAXIMUM OUTPUT			
Peak value at 90 dB		119 dB	129 dB
1.600 Hz (RTF)		114 dB	123 dB
HFA (High Frequency Average)		114 dB	117 dB
FULL ON GAIN			
Peak value at 50 dB		60 dB	70 dB
1.600 Hz (RTF)		45 dB	55 dB
HFA (High Frequency Average)		49 dB	54 dB
Reference test gain		37 dB	49 dB
TECHNICAL FEATURES			
Battery type		13	13
Battery life in hours		121	121
Frequency range		100 – 9.400 Hz	100 – 10.000 Hz
Battery current consumption		1,5 mA	1,5 mA
Equivalent noise level		19 dB	23 dB
Tinnitus noiser broadband		70 dB	
Telecoil sensitivity (10 mA/m)		–	–
Distortion	500 Hz	1%	2%
	800 Hz	2%	3%
	1.600 Hz	1%	2%

[3] Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2 ccm coupler
[4] Technical data measured in accordance with IEC 60118-0 at ear simulator

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Sun 16 G5 NT

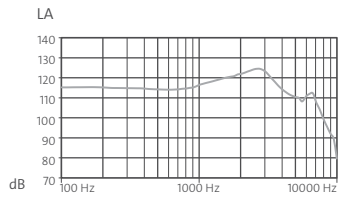
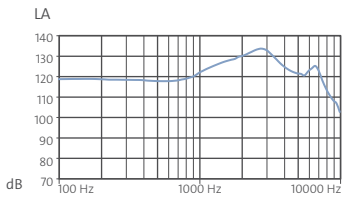
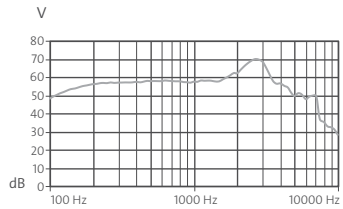
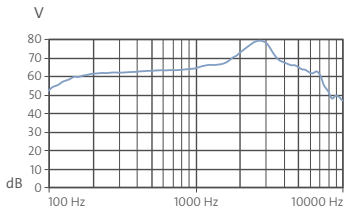
P-RECEIVER | Amplification 70 dB[2)]

MAXIMUM OUTPUT

LE = 90 dB

MAXIMUM GAIN

Input = 50 dB

	IEC 60118-7:2005[3)] ANSI S3.22-2009[3)]	IEC 60118-0[4)]
MAXIMUM OUTPUT		
MAXIMUM GAIN		

TECHNICAL INFORMATION

MAXIMUM OUTPUT			
Peak value at 90 dB		124 dB	134 dB
1.600 Hz (RTF)		120 dB	128 dB
HFA (High Frequency Average)		120 dB	123 dB
FULL ON GAIN			
Peak value at 50 dB		70 dB	80 dB
1.600 Hz (RTF)		59 dB	67 dB
HFA (High Frequency Average)		62 dB	67 dB
Reference test gain		43 dB	53 dB
TECHNICAL FEATURES			
Battery type		13	13
Battery life in hours		126	126
Frequency range		100 – 7.500 Hz	100 – 8.100 Hz
Battery current consumption		1,4 mA	1,4 mA
Equivalent noise level		18 dB	21 dB
Tinnitus noiser broadband		75 dB	
Telecoil sensitivity (10 mA/m)		–	–
Distortion	500 Hz	1%	3%
	800 Hz	2%	4%
	1.600 Hz	1%	2%

[2)] 70 dB measured with CLIC MOULD 2.0, values vary if domes are used for fitting.
[3)] Technical data measured in accordance with IEC 60118-7:2005 and ANSI S3.22-2009 at 2 ccm coupler
[4)] Technical data measured in accordance with IEC 60118-0 at ear simulator

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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 current consumption is measured in reference test setting (RTS) according to the applicable standards. Due to the settling behaviour of hearing instruments supporting RF (radio frequency), the battery current is measured 3 minutes after turning on (note: no pairing).

The battery life is based on first fit settings using 60% of the fitting range and an ISTS (International Speech Test Signal) input signal at 65 dB SPL (note: pairing established). The actual battery life is determined by battery quality, hearing loss, sound environment, usage and activated feature set.

For control ranges and more programming features see Hearing System Simulation of Connexx 8.4, AudioFit 8.4 or higher.

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