

RIC HEARING SYSTEMS

Sun G5

Tech Level 16 | 12 | 8 | 6 | 4 | tune



Made for
 iPhone | iPad | iPod

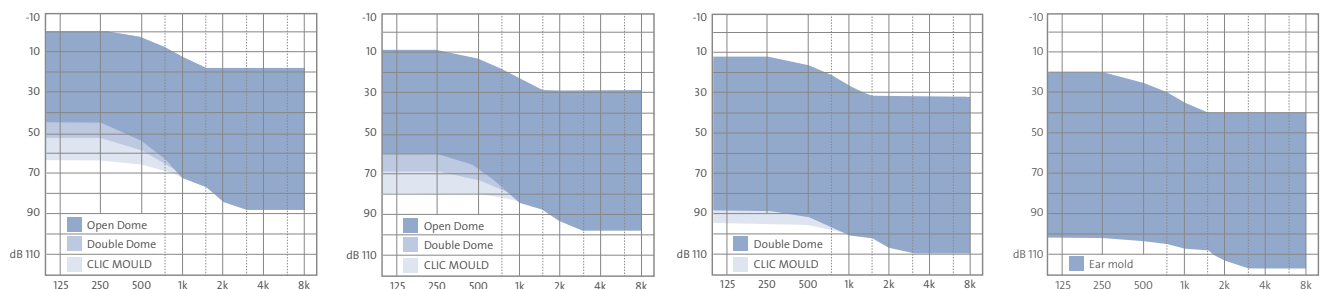
BATTERY: 13

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 dB²⁾ Fitting range external receiver 75 dB

DATA SHEET ALSO APPLICABLE FOR tune T2.0 Sun G5

BASIC FEATURES

	TL 16	TL 12	TL 8	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	●	—	—	—	—
> Auto Volume (only in Direct Streaming mode)	●	●	●	●	●
Programmable tinnitus function (Support for tinnitus notch therapy)	●	●	●	● (without notch)	—

AUTOMATIC FUNCTIONS

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

TECHNICAL FEATURES

	TL 16	TL 12	TL 8	TL 6	TL 4
Signal processing channels	48	34	34	16	16
Frequency channels	20	16	12	8	8
AGC channels	20	16	12	8	8
MPO channels	20	16	12	8	8
Hearing programs	6	6	6	4	4
> MusicSelect	3	1	Standard	—	—
> ZearPhone	●	●	●	—	—
> EchoClear/dereverberation	●	—	—	—	—
Data Logging	●	●	●	●	●
Wireless					
> AudioLink	●	●	●	—	—
> Binaural synchronization	●	●	●	●	●
> Direct Audio Streaming iPhone (Android ³⁾)	●	●	●	●	●
> CROS/BiCROS (CROS RIC G5 required)	●	●	●	—	—

ACCESSORIES | OPTIONS

Smart Li-Ion Power (required)		—	—	—	—	—
Smart Mic		○	○	○	○	○
Smart Transmitter 2.4		○	○	○	○	○
Smart Key		○	○	○	○	○
CROS RIC G5		○	○	○	—	—
External receiver set S ¹⁾		○	○	○	○	○
External receiver set M ¹⁾		○	○	○	○	○
External receiver set P ¹⁾²⁾		○	○	○	○	○
External receiver set HP ¹⁾		○	○	○	○	○
Individual CLIC MOULD 2.0 (Open or Power)		○	○	○	○	○
Click Domes (Open, Semi-open, Closed or Double)		○	○	○	○	○
Click Sleeves (Open or Closed)		○	○	○	○	○
quiX Mould (S, M or L)		—	—	—	—	—
> Wax guard HF 4 Black		—	—	—	—	—
AutoPhone Set		—	—	—	—	—
Battery compartment for telephone coil		○	○	○	○	○

APPS

Smart Direct App		○	○	○	○	○
> with Hearing environment profile		○	○	○	○	○
Smart Remote App		—	—	—	—	—
> with AudioDirSelect		—	—	—	—	—
HearControl App (from 02.2020)		○	○	○	○	○

PROGRAMMING

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

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

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

³⁾ Smart Mic required

● = Standard equipment ○ = optional — = not available

Sun G5

S-RECEIVER | Amplification 45 dB

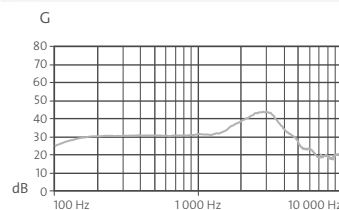
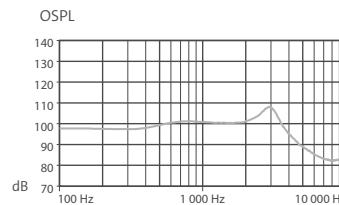
MAXIMUM OUTPUT

LE = 90 dB

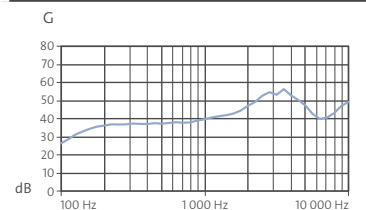
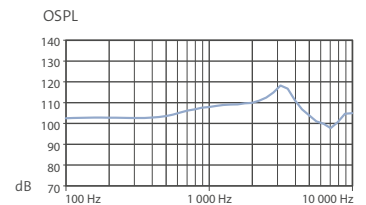
MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015⁴⁾
ANSI S3.22-2014⁴⁾



IEC 118-0/A1:1994⁵⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	108 dB	119 dB
1,600 Hz (RTF)	—	109 dB
Mean value at high frequencies	101 dB	107 dB

FULL ON GAIN

Peak value at 50 dB	45 dB	56 dB
1,600 Hz (RTF)	—	43 dB
Mean value at high frequencies	37 dB	41 dB
Reference test gain	24 dB	30 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	126	126
Frequency range TL 16	100 – 10,000 Hz	100 – 10,000 Hz
Frequency range TL 12 8 6 4	100 – 8,200 Hz	100 – 8,200 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	—
Telecoil sensitivity (10 mA/m)	—	74 dB
Distortion		
500 Hz	1%	1%
800 Hz	1%	1%
1,600 Hz	1%	2%

⁴⁾ 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.

⁵⁾ 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.

Sun G5

M-RECEIVER | Amplification 60 dB

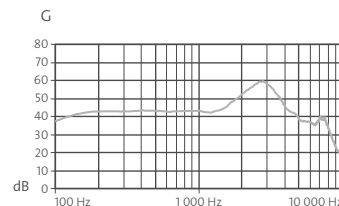
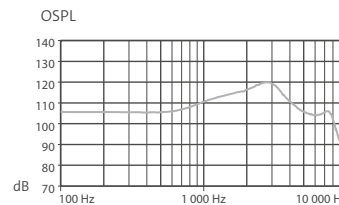
MAXIMUM OUTPUT

LE = 90 dB

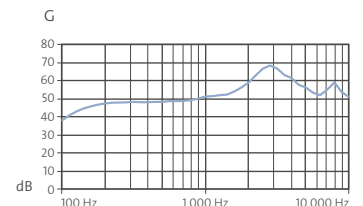
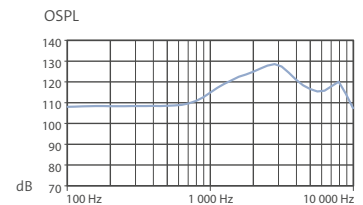
MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015⁴⁾
ANSI S3.22-2014⁴⁾



IEC 118-0/A1:1994⁵⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	119 dB	129 dB
1,600 Hz (RTF)	—	122 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)	—	54 dB
Mean value at high frequencies	50 dB	53 dB
Reference test gain	36 dB	46 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	121	121
Frequency range TL 16	100 – 9,400 Hz	100 – 10,000 Hz
Frequency range TL 12 8 6 4	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	—
Telecoil sensitivity (10 mA/m)	—	86 dB
Distortion		
500 Hz	1%	2%
800 Hz	2%	3%
1,600 Hz	1%	2%

⁴⁾ 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.

⁵⁾ 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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Sun G5

P-RECEIVER | Amplification 70 dB²⁾

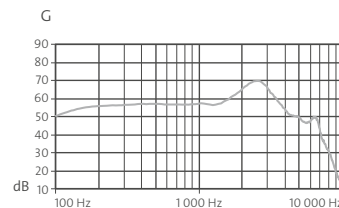
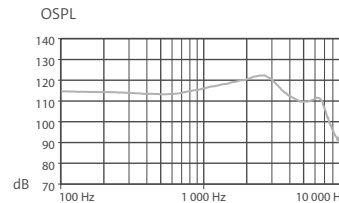
MAXIMUM OUTPUT

LE = 90 dB

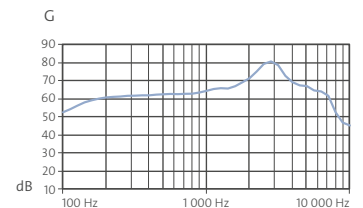
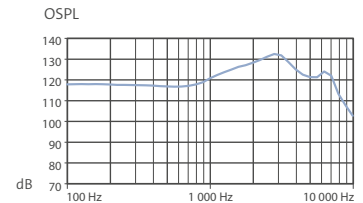
MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015⁴⁾
ANSI S3.22-2014⁴⁾



IEC 118-0/A1:1994⁵⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	124 dB	134 dB
1,600 Hz (RTF)	—	127 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)	—	66 dB
Mean value at high frequencies	63 dB	65 dB
Reference test gain	42 dB	50 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	121	121
Frequency range TL 16	100 – 7,500 Hz	100 – 8,100 Hz
Frequency range TL 12 8 6 4	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	—
Telecoil sensitivity (10 mA/m)	—	101 dB
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.

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

⁵⁾ 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

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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.

Sun G5

HP-RECEIVER | Amplification 75 dB

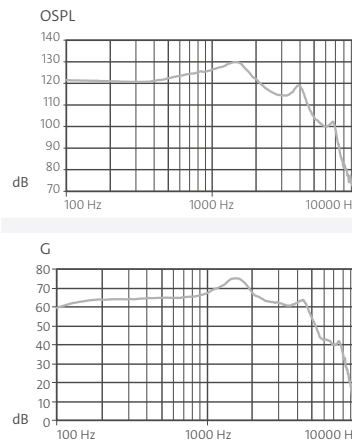
MAXIMUM OUTPUT

LE = 90 dB

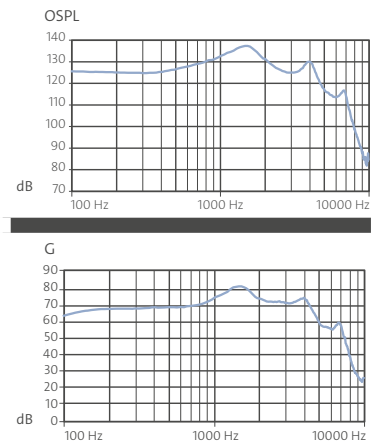
MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015⁴⁾
ANSI S3.22-2014⁴⁾



IEC 118-0/A1:1994⁵⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

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

FULL ON GAIN

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

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	121	121
Frequency range TL 16	100 – 7,300 Hz	250 – 6,100 Hz
Frequency range TL 12 8 6 4	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%

⁴⁾ 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.

⁵⁾ 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

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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.



"Made for iPhone", "Made for iPad", and "Made for iPod" mean that an electronic accessory has been designed to connect specifically to iPhone, iPad or iPod respectively and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone, iPad or iPod may affect wireless performance.

For control ranges and more programming features see Hearing System Simulation of Connexx 9.2.0, AudioFit 9.2.5 or higher.

Legal Manufacturer

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