

BTE HEARING SYSTEMS

PG5

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



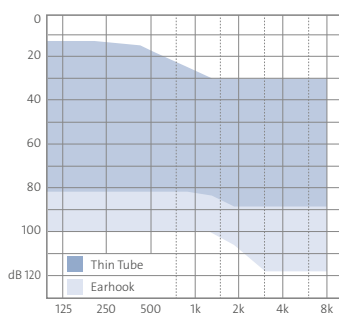
BATTERY: 13

AMPLIFICATION: 77 dB (EARHOOK) | 65 dB (THIN TUBE)

HOUSING COLORS





- | | | | |
|--|---|---|--|
|  Beige (BG) |  Grey (GR) |  Silver (SLV) |  Dark granite (DGT) |
|  Deep brown (DBR) |  Granite (GNT) |  Pearl white (PRL) |  Sandy brown (SB) |

FITTING RANGES



DATA SHEET ALSO APPLICABLE FOR tune T2.0 P G5

BASIC FEATURES					
	TL 16	TL 12	TL 8	TL 6	TL 4
Earhook	●	●	●	●	●
Battery compartment as on/off switch	●	●	●	●	●
Programmable push button	—	—	—	—	—
Programmable rocker switch	●	●	●	●	●
Level-dependent signal tones/melodies (can be activated/deactivated)	●	●	●	●	●
Telephone coil	○	○	○	○	○
Status-LED, programmable	—	—	—	—	—
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	—	—
> 2earPhone	●	●	●	—	—
> EchoClear/dereverberation	●	—	—	—	—
Data Logging	●	●	●	●	●
Wireless					
> AudioLink	●	●	●	—	—
> Binaural synchronization	●	●	●	●	●
> Direct Audio Streaming iPhone (Android ¹⁾)	●	●	●	●	●
> CROS/BiCROS (CROS RIC G5 required)	●	●	●	—	—
ACCESSORIES OPTIONS					
Side recognition (red and blue)	●	●	●	●	●
Thin Tube with Open Tip	●	●	●	●	●
Thin Tube Adapter	○	○	○	○	○
Smart Li-Ion Power (required)		—	—	—	—
Smart Mic		○	○	○	○
Smart Transmitter 2,4	○	○	○	○	○
Smart Key		○	○	○	○
CROS RIC G5	○	○	○	—	—
Small earhook	○	○	○	○	○
AudioFix	○	○	○	○	○
Fitting Set - Thin Tube	○	○	○	○	○
Audio shoe set	—	—	—	—	—
Battery compartment safety	—	—	—	—	—
AutoPhone Set	—	—	—	—	—
Battery compartment for telephone coil	○	○	○	○	○
APPS					
Smart Direct App		○	○	○	○
> with Hearing environment profile	○	○	○	○	○
HearControl App (from 02.2020)	○	○	○	○	○
PROGRAMMING					
ConnexxAir	—	—	—	—	—
NoahLink WL (BLE)	●	●	●	●	●
Programming adapter 312	—	—	—	—	—
Programming adapter 13	○	○	○	○	○
Programming adapter 675	—	—	—	—	—

¹⁾ Smart Mic required
 ● = Standard equipment ○ = optional — = not available

PG5

with earhook

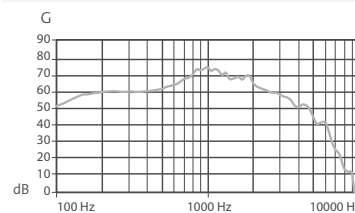
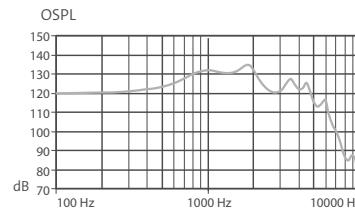
MAXIMUM OUTPUT

LE = 90 dB

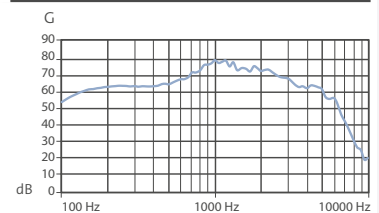
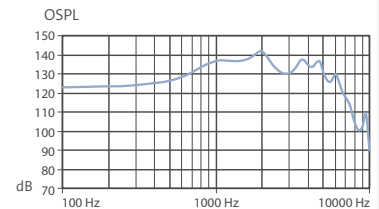
MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015²⁾
ANSI S3.22-2014²⁾



IEC 118-0/A1:1994³⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	135 dB	141 dB
1,600 Hz (RTF)	132 dB	138 dB
Mean value at high frequencies	129 dB	134 dB

FULL ON GAIN

Peak value at 50 dB	77 dB	81 dB
1,600 Hz (RTF)	70 dB	76 dB
Mean value at high frequencies	69 dB	73 dB
Reference test gain	52 dB	62 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	102	102
Frequency range	100 – 6,000 Hz	120 – 5,900 Hz
Battery consumption	2 mA	2 mA
Equivalent input sound pressure level of the inherent noise	18 dB	17 dB
Tinnitus Noiser, broadband	80 dB	
Listening coil sensitivity (1 mA/m)	99 dB	105 dB
Distortion		
500 Hz	4%	5%
800 Hz	3%	4%
1,600 Hz	1%	1%

²⁾ 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.

³⁾ 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.

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.

PG5

with Thin Tube

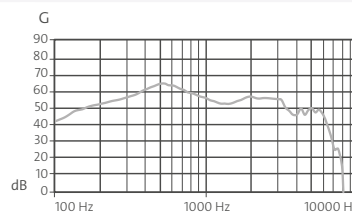
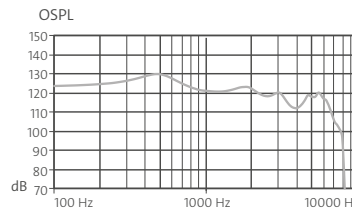
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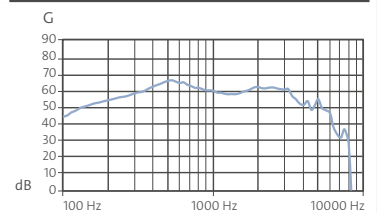
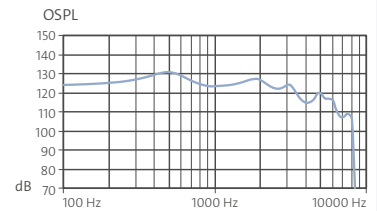
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ANSI S3.22-2014²⁾



IEC 118-0/A1:1994³⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	130 dB	133 dB
1,600 Hz (RTF)	120 dB	128 dB
Mean value at high frequencies	118 dB	128 dB

FULL ON GAIN

Peak value at 50 dB	65 dB	68 dB
1,600 Hz (RTF)	54 dB	61 dB
Mean value at high frequencies	55 dB	64 dB
Reference test gain	41 dB	52 dB

TECHNICAL FEATURES

Battery type	13	13
Battery life in hours	119	119
Frequency range	100 – 5,800 Hz	100 – 5,900 Hz
Battery consumption	1.7 mA	1.7 mA
Equivalent input sound pressure level of the inherent noise	21 dB	19 dB
Tinnitus Noiser, broadband	80 dB	
Listening coil sensitivity (1 mA/m)	85 dB	93 dB
Distortion		
500 Hz	2%	2%
800 Hz	2%	2%
1,600 Hz	1%	2%

²⁾ 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.

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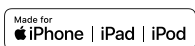


WARNING

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.



"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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