

CUSTOM HEARING SYSTEMS

Icon G5

Tech Level 16 | 12 | 8



- > Custom-made Mini-CIC hearing system
- > Small components
- > Receiver with dual-chamber technology



Various vent types available



Wax guard HF Black














Microphone filter Microsafe

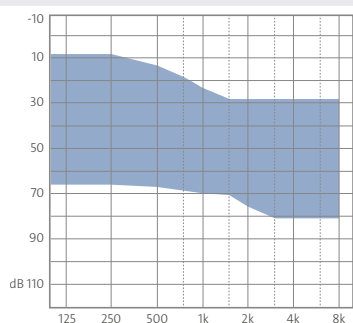
BATTERY: 10

AMPLIFICATION: 50 | 55 dB

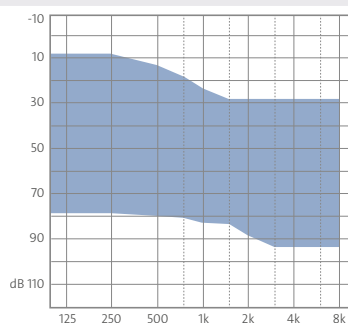
HOUSING COLORS

	STANDARD	OPTION						
FACEPLATE	 Brown (BN)	 Beige (BG)	 Dark brown (DB)					
HOUSING	 Brown (BN)	 Red (RD)	 Orange (CO)	 Citrus (CY)	 Emerald (CG)	 Blue (BL)	 Purple (CV)	 Clear (CL)

FITTING RANGES



Fitting range 50 dB



Fitting range 55 dB

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All Audio Service custom hearing systems are equipped with: Battery compartment as ON/OFF switch | removal line | wax guard HF 4 Black

BASIC FEATURES				TECHNICAL FEATURES			
	TL 16	TL 12	TL 8		TL 16	TL 12	TL 8
Programmable push button	–	–	–	Signal processing channels	48	34	34
Programmable rocker switch	–	–	–	Frequency channels	20	16	12
Level-dependent signal tones/melodies (can be activated/deactivated)	●	●	●	AGC channels	20	16	12
Audiomatic power-on delay (can be activated/deactivated)	●	●	●	MPO channels	20	16	12
Battery retaining magnet and changing tool	–	–	–	Hearing programs	6	6	6
				> MusicSelect	3	1	–
				> ZearPhone	○ ¹⁾	○ ¹⁾	○ ¹⁾
				> EchoClear/dereverberation	●	–	–
				Data Logging	●	●	●
				Wireless optional			
				> AudioLink	●	●	●
				> Binaural synchronization	●	●	●
				> Wireless Audio Streaming	–	–	–
				> CROS/BiCROS (CROS quiX G5 required)	○	○	○
SIGNAL PROCESSING				ACCESSORIES OPTIONS			
Anti-Feedback system	●	●	●	Smart Mic	📱	–	–
Noise manager				Smart Transmitter 2,4		–	–
> Adaptive noise reduction	●	●	●	Remote control Smart Key	📱	○	○
> Wiener filter	●	●	●	CROS quiX G5		○	○
> Adaptive binaural wind noise reduction (with Wireless option)	–	–	–	Microphone filter Microsafe		○	○
> Adaptive wind noise reduction	●	●	●				
> Impulse suppressor	●	●	●				
> Auto-situation adaption	●	●	●				
> Selectronic	–	–	–				
AudioTronic 1 Mic (Wireless option required)							
> Directional static	–	–	–				
> Automatic	●	●	●				
> Adaptive	●	●	●				
> AudioFocus 360	–	–	–				
> Speech 360	–	–	–				
> SpatialSpot	–	–	–				
> AudioSpot	–	–	–				
Frequency and dynamics concept							
> Extended dynamic range	●	●	●				
> TRC S	●	●	●				
> Selective frequency compression	●	●	●				
> HiFi functionality	●	●	–				
> Gain setting dependent on environment (only in Wireless Audio Streaming mode)	–	–	–				
Programmable tinnitus function (Support for tinnitus notch therapy)	●	●	●				
AUTOMATIC FUNCTIONS				APPS			
Occlumatic	–	–	–	Smart Direct app	📱	–	–
Comfort365	●	●	●	> with hearing environment profile		–	–
Intelligent Acclimatic	●	●	–	Smart Remote app	📱	○	○
Acclimatic	–	–	●	> with AudioDirSelect		–	–
Comformatic	●	●	●				
				PROGRAMMING			
				ConnexxAir (Wireless option required)		●	●
				ConnexxLink (Wireless option required)		●	●
				NoahLink WL (BLE)		–	–
				Programming adapter Flex-Connect		–	–
				Programming cable Sina/Icon, right + left		●	●
				Adapter for HiPro and NOAHlink cable		–	–

¹⁾ with Wireless option
 ● = Standard equipment ○ = optional – = not available

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

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Amplification 50 dB

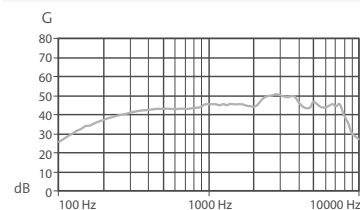
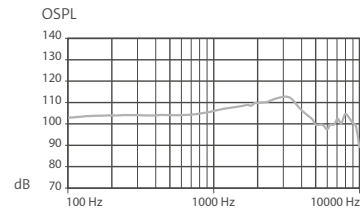
MAXIMUM OUTPUT

LE = 90 dB

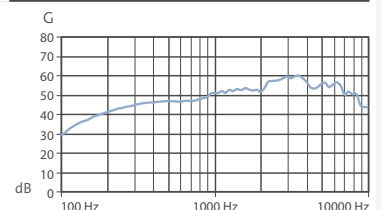
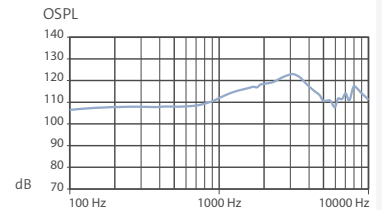
MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015¹⁾
ANSI S3.22-2014¹⁾



IEC 118-0/A1:1994²⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	113 dB	124 dB
1,600 Hz (RTF)	108 dB	116 dB
Mean value at high frequencies	109 dB	113 dB

FULL ON GAIN

Peak value at 50 dB	50 dB	60 dB
1,600 Hz (RTF)	45 dB	51 dB
Mean value at high frequencies	45 dB	50 dB
Reference test gain	32 dB	41 dB

TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	48	48
Frequency range TL 16 12 8	100 – 10,000 Hz	100 – 10,000 Hz
Battery consumption	1.3 mA	1.3 mA
Equivalent input sound pressure level of the inherent noise	18 dB	18 dB
Tinnitus Noiser, broadband	70 dB	
Distortion		
500 Hz	3%	4%
800 Hz	3%	5%
1,600 Hz	2%	4%

¹⁾ 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.

²⁾ 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.

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Amplification 55 dB

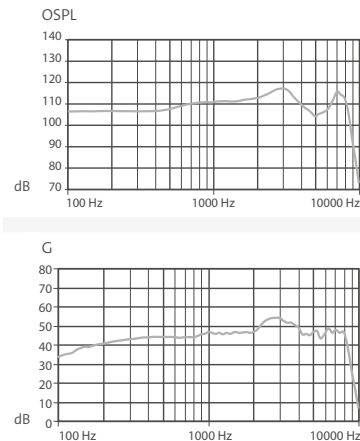
MAXIMUM OUTPUT

LE = 90 dB

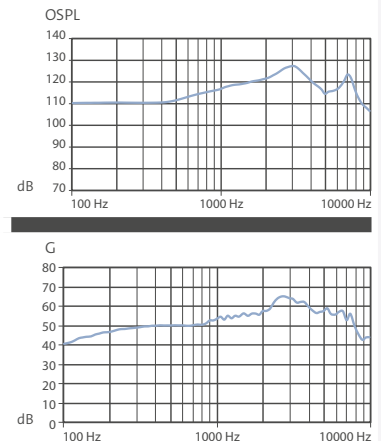
MAXIMUM GAIN

Amplification at LE = 50 dB

IEC 60118-0:2015¹⁾
ANSI S3.22-2014¹⁾



IEC 118-0/A1:1994²⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	118 dB	128 dB
1,600 Hz (RTF)	112 dB	119 dB
Mean value at high frequencies	112 dB	119 dB

FULL ON GAIN

Peak value at 50 dB	55 dB	65 dB
1,600 Hz (RTF)	48 dB	55 dB
Mean value at high frequencies	48 dB	55 dB
Reference test gain	35 dB	45 dB

TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	48	48
Frequency range TL 16 12 8	100 – 10,000 Hz	100 – 10,000 Hz
Battery consumption	1.3 mA	1.3 mA
Equivalent input sound pressure level of the inherent noise	18 dB	18 dB
Tinnitus Noiser, broadband	75 dB	
Distortion		
500 Hz	2%	2%
800 Hz	2%	2%
1,600 Hz	2%	2%

¹⁾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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For control ranges and more programming features see Hearing System Simulation of Connexx 8.5.10, AudioFit 8.5.5 or higher.