DUO G5

Audio Service

BASIC FEATURES

Tech Level	12	8
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	●	●
› Wiener filter	●	●
› 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		
› Expanded input dynamics	●	●
› TRC S	●	●
› Selective frequency compression	●	●
› HiFi functionality	–	–
› Sound Upgrade (in Wireless Streaming mode)	–	–
› Gain setting dependent on environment (only in Audio Streaming mode)	●	●
Programmable tinnitus function (Support for tinnitus notch therapy)	●	●

AUTOMATIC FUNCTIONS

Tech Level	12	8
Occlumatic	●	●
Comfort365	●	●
Intelligent Acclimatic	●	–
Acclimatic	–	●
Comformatic	●	●

TECHNICAL FEATURES

Signal processing channels	34	34
Frequency channels	16	12
AGC channels	16	12
MPO channels	16	12
Hearing programs	6	6
› MusicSelect	1	1
› 2earPhone	●	●
› EchoClear/dereverberation	–	–
Data Logging	●	●
Wireless		
› AudioLink	●	●
› Binaural synchronization	●	●
› Direct Audio Streaming iPhone (Android [1])	●	●
› CROS/BiCROS (CROS RIC G5 required)	●	●

ACCESSORIES | OPTIONS

Clip for battery compartment in red and blue for side recognition	●	●
Thin Tube with Open Tip	●	●
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	○	○
Thin Tube Adapter	○	○

APPS

Smart Direct App	○	○
› with Hearing environment profile	○	○

PROGRAMMING

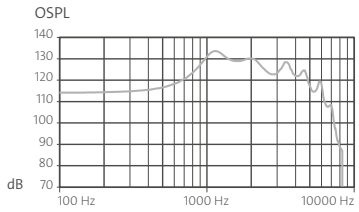
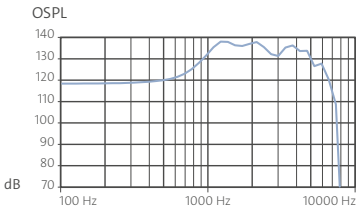
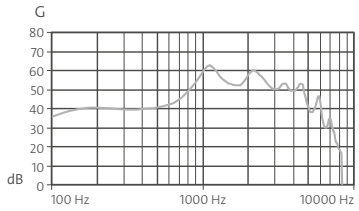
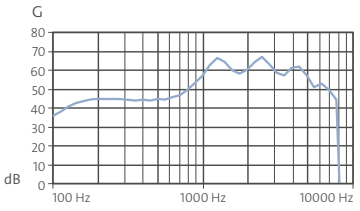
ConnexxAir	–	–
ConnexxLink	–	–
NoahLink WL (BLE)	●	●
Programming adapter 312	–	–
Programming adapter 13	●	●
Programming adapter 675	–	–

[1] Smart Mic required

● = Standard equipment ○ = optional — = not available

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

DUO G5
with earhook

	IEC 60118-7:2005[1] ANSI S3.22-2009[1]	IEC 60118-0[2]
MAXIMUM OUTPUT LE = 90 dB		
MAXIMUM GAIN Amplification at LE = 50 dB		

TECHNICAL INFORMATION

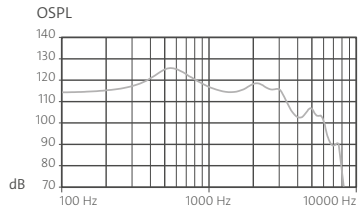
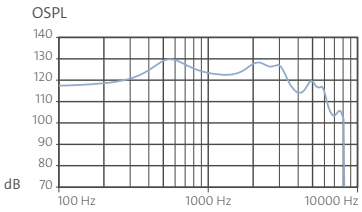
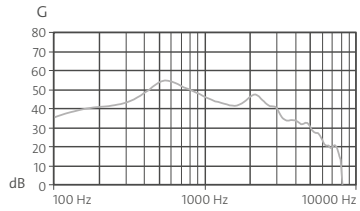
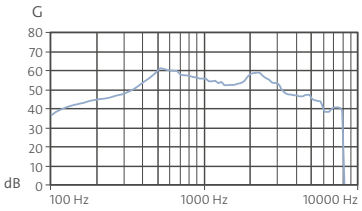
		IEC 60118-7:2005[1] ANSI S3.22-2009[1]	IEC 60118-0[2]
MAXIMUM OUTPUT			
Peak value at 90 dB		134 dB	139 dB
1.600 Hz (RTF)		–	136 dB
Mean value at high frequencies		128 dB	130 dB
FULL ON GAIN			
Peak value at 50 dB		63 dB	70 dB
1.600 Hz (RTF)		–	61 dB
Mean value at high frequencies		55 dB	55 dB
Reference test gain		51 dB	54 dB
TECHNICAL FEATURES			
Battery type		13	13
Battery life in hours		126	126
Frequency range		100 – 7.500 Hz	640 – 7.800 Hz
Battery consumption		1,4 mA	1,4 mA
Equivalent input sound pressure level of the inherent noise		16 dB	16 dB
Tinnitus Noiser, broadband		70 dB	–
Telecoil sensitivity (10 mA/m)		86 dB	93 dB
Distortion	500 Hz	2%	3%
	800 Hz	2%	2%
	1.600 Hz	1%	1%

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

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.

DUO G5
with Thin Tube

	IEC 60118-7:2005[1] ANSI S3.22-2009[1]	IEC 60118-0[2]
MAXIMUM OUTPUT LE = 90 dB		
MAXIMUM GAIN Amplification at LE = 50 dB		

TECHNICAL INFORMATION

		IEC 60118-7:2005[1] ANSI S3.22-2009[1]	IEC 60118-0[2]
MAXIMUM OUTPUT			
Peak value at 90 dB		126 dB	130 dB
1.600 Hz (RTF)		–	123 dB
Mean value at high frequencies		117 dB	–
FULL ON GAIN			
Peak value at 50 dB		56 dB	61 dB
1.600 Hz (RTF)		–	53 dB
Mean value at high frequencies		48 dB	–
Reference test gain		40 dB	47 dB
TECHNICAL FEATURES			
Battery type		13	13
Battery life in hours		126	126
Frequency range		100 – 7.800 Hz	110 – 8.100 Hz
Battery consumption		2,0 mA	2,0 mA
Equivalent input sound pressure level of the inherent noise		18 dB	18 dB
Tinnitus Noiser, broadband		70 dB	–
Telecoil sensitivity (10 mA/m)		79 dB	85 dB
Distortion	500 Hz	1%	1%
	800 Hz	1%	2%
	1.600 Hz	2%	3%

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

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 iPhone" means that an electronic accessory has been designed to connect specifically to iPhone 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 may affect wireless performance.

For control ranges and more programming features see Hearing System Simulation of Connexx 8.5, AudioFit 8.5 or higher.

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