

Ida HYPE 16 G4

WITH BATTERY SIZE 312



Audio Service

PRODUCT FEATURES

Semi-modular ITC

BASIC FEATURES

Battery compartment as on/off switch

Rocker switch (integrated in battery compartment lid), can be programmed as a program button, on/off switch, volume control, tone control, Tinnitus noiser level up/down

Level-dependent signal tones/melodies (activate/deactivate) for low battery voltage, program change, volume control, on/off function

Audiomatic power-on delay (P) (activate/deactivate)

Wax guard HF 3 Black or HF 4 Black

Microphone filter Microsafe

Magnetic battery mounting and changing tool

OPTIONS



Audiostreamer Smart Connect

Remote control Smart Remote

Remote control Smart Key

Smart Connect App, with AudioDirSelect

Smart Remote App, with AudioDirSelect

AutoPhone Set

PROGRAMMING CABLES AND ADAPTER

Cable for HiPro interface, right Art.-No. 029 44 986

Cable for HiPro interface, left Art.-No. 029 49 994

Cable for Noah-Link interface, right Art.-No. 106 02 843

Cable for Noah-Link interface, left Art.-No. 106 02 842

Adapter for HiPro and Noah-Link cable Art. No. 072 02 901

TECHNICAL FEATURES

40 signal processing channels / 20 frequency channels

20 AGC channels / 20 MPO channels

6 hearing programs

› MusicSelect (Live music, musicians, sound carriers)

› ZearPhone (Prerequisite options Wireless and AutoPhone)

› EchoClear / Dereverberation

Data Logging

Wireless optional

› AudioLink

› Binaural synchronization

› Wireless audio streaming

SIGNAL PROCESSING

Anti-Feedback system

Noise Manager

› Adaptive noise reduction

› Wiener filter

› Adaptive wind noise reduction, binaural at Option Wireless

› Impulse suppressor

› Auto-situation adaption

› Selectronic

AudioTronic multi-microphone system

› Directional static

› Automatic

› Adaptive

› AudioFocus 360 (Prerequisite AudioLink)

› AudioSpot (Prerequisite AudioLink)

Frequency and dynamics concept

› TRC S

› Selective frequency compression

› HiFi functionality

› Sound Upgrade (in wireless audio streaming mode)

› Volume setting dependent on environment
(only in wireless audio streaming mode)

Programmable Tinnitus function

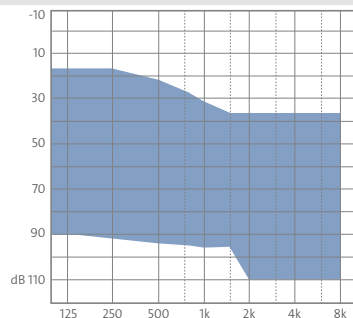
AUTOMATIC FUNCTIONS

Comfort365

Intelligent Acclimatic

Comformatic

FITTING RANGE



Fitting range 65 dB

P = Patent

For more information about features please check out our website www.audioservice.com

Ida HYPE 16 G4

Gain 65 dB



Audio Service

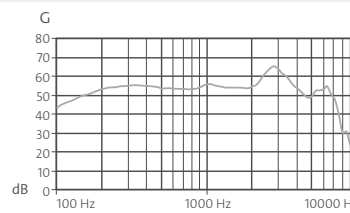
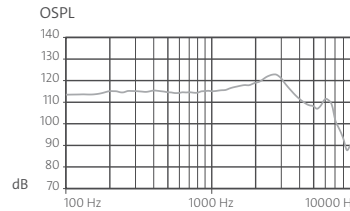
MAXIMUM OUTPUT

Input: 90 dB

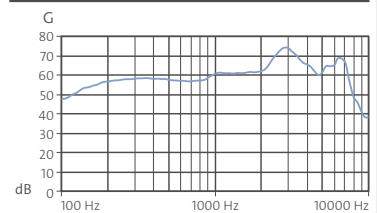
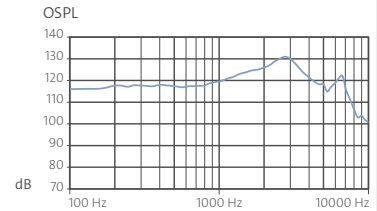
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	123 dB	134 dB
1,600 Hz (RTF)	118 dB	125 dB
HFA (High Frequency Average)	118 dB	122 dB

FULL ON GAIN

Peak value at 50 dB	65 dB	75 dB
1,600 Hz (RTF)	54 dB	62 dB
HFA (High Frequency Average)	58 dB	60 dB
Reference test gain	41 dB	55 dB

TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	112	112
Frequency range	100 – 8,000 Hz	100 – 8,500 Hz
Battery current consumption	1.00 mA	1.00 mA
Equivalent noise level	18 dB	19 dB
Tinnitus noiser broadband	80 dB	
Distortion		
500 Hz	1%	2%
800 Hz	1%	2%
1,600 Hz	1%	2%

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 levels of the hearing systems can reach or exceed 132 dB SPL.
Risk of injury to the hearing of the wearer. Ensure that the hearing systems are fitted with care.

For control ranges and more programming features see Hearing Instrument Simulation of Connexx 8.2 and AudioFit 8.2 or higher.

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Smart Remote App

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➤ Auto-situation adaption

AudioTronic multi-microphone system

➤ Directional static

➤ Automatic

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➤ Speech 360

Frequency and dynamics concept

➤ TRC S

➤ Selective frequency compression

➤ HiFi functionality

Programmable Tinnitus function

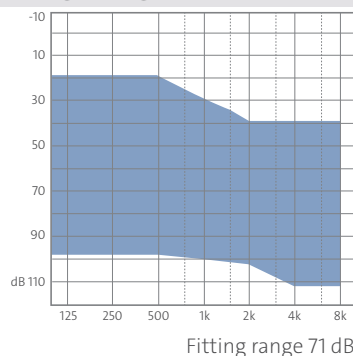
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FITTING RANGE



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For more information about features please check out our website www.audioservice.com

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Gain 71 dB



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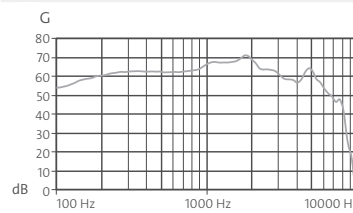
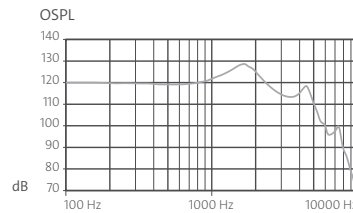
MAXIMUM OUTPUT

Input: 90 dB

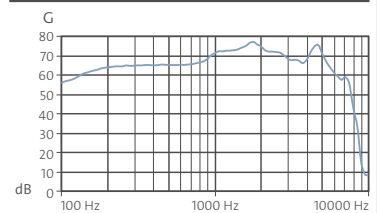
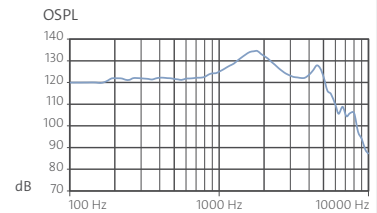
MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005¹⁾
ANSI S3.22-2009¹⁾



IEC 60118-0²⁾



TECHNICAL INFORMATION

MAXIMUM OUTPUT

Peak value at 90 dB	131 dB	138 dB
1,600 Hz (RTF)	128 dB	134 dB
HFA (High Frequency Average)	123 dB	127 dB

FULL ON GAIN

Peak value at 50 dB	71 dB	78 dB
1,600 Hz (RTF)	69 dB	76 dB
HFA (High Frequency Average)	67 dB	71 dB
Reference test gain	46 dB	69 dB

TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	93	93
Frequency range	100 – 6,700 Hz	150 – 6,000 Hz
Battery current consumption	1.20 mA	1.20 mA
Equivalent noise level	18 dB	17 dB
Programmable Tinnitus function	87 dB	
Distortion		
500 Hz	2%	4%
800 Hz	2%	3%
1,600 Hz	1%	2%

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

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