

# Ida 16 G4

WITH BATTERY SIZE 312



## 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 switch 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 44 994

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

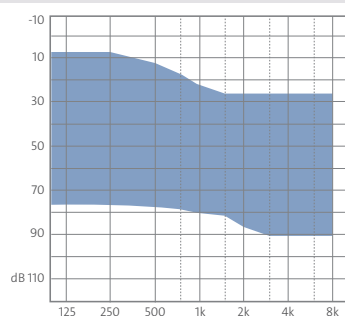
## AUTOMATIC FUNCTIONS

Comfort365

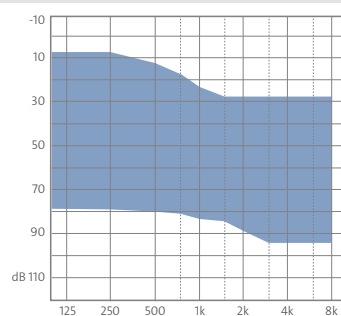
Intelligent Acclimatic

Comformatic

## FITTING RANGES



Fitting range 50 dB



Fitting range 55 dB

P = Patent

For more information about features please check out our website [www.audioservice.com](http://www.audioservice.com)

# Ida 16 G4

Gain 50 dB



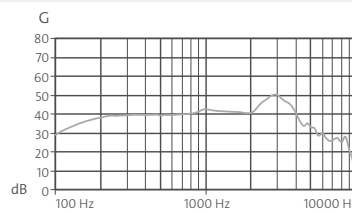
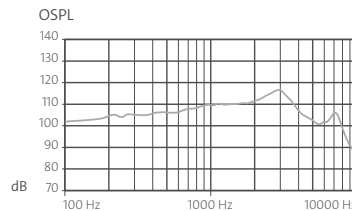
## MAXIMUM OUTPUT

Input: 90 dB

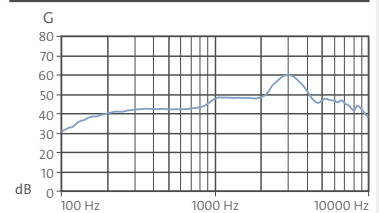
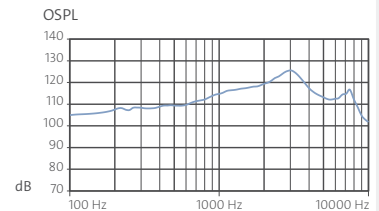
## MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005<sup>1)</sup>  
ANSI S3.22-2009<sup>1)</sup>



IEC 60118-0<sup>2)</sup>



## TECHNICAL INFORMATION

### MAXIMUM OUTPUT

Peak value at 90 dB	118 dB	128 dB
1,600 Hz (RTF)	110 dB	118 dB
HFA (High Frequency Average)	112 dB	115 dB

### FULL ON GAIN

Peak value at 50 dB	50 dB	60 dB
1,600 Hz (RTF)	41 dB	48 dB
HFA (High Frequency Average)	43 dB	46 dB
Reference test gain	34 dB	41 dB

### TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	140	140
Frequency range	100 – 9,500 Hz	100 – 9,500 Hz
Battery current consumption	0.80 mA	0.80 mA
Equivalent noise level	19 dB	20 dB
Tinnitus noiser broadband	70 dB	
Distortion		
500 Hz	2%	3%
800 Hz	1%	2%
1,600 Hz	2%	3%

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

<sup>2)</sup> 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.

# Ida 16 G4

Gain 55 dB



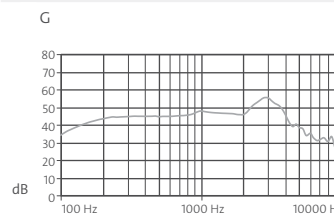
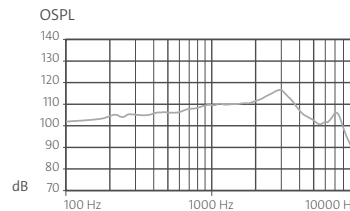
## MAXIMUM OUTPUT

Input: 90 dB

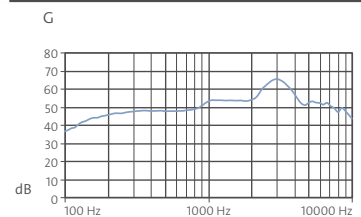
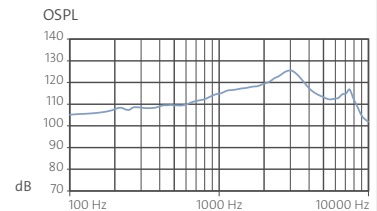
## MAXIMUM GAIN

Input: 50 dB

IEC 60118-7:2005<sup>1)</sup>  
ANSI S3.22-2009<sup>1)</sup>



IEC 60118-0<sup>2)</sup>



## TECHNICAL INFORMATION

### MAXIMUM OUTPUT

Peak value at 90 dB	118 dB	128 dB
1,600 Hz (RTF)	110 dB	118 dB
HFA (High Frequency Average)	112 dB	115 dB

### FULL ON GAIN

Peak value at 50 dB	55 dB	65 dB
1,600 Hz (RTF)	45 dB	53 dB
HFA (High Frequency Average)	43 dB	46 dB
Reference test gain	43 dB	46 dB

### TECHNICAL FEATURES

Battery type	312	312
Battery life in hours	124	124
Frequency range	100 – 9,500 Hz	100 – 9,500 Hz
Battery current consumption	0.90 mA	0.90 mA
Equivalent noise level	19 dB	20 dB
Tinnitus noiser broadband	75 dB	
Distortion		
500 Hz	2%	3%
800 Hz	1%	2%
1,600 Hz	2%	3%

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

<sup>2)</sup> 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.

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

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