

# Icon 16 G3 DIC

WITH BATTERY SIZE 10



 **Audio Service**

## PRODUCT FEATURES

Custom-made DIC ITE  
Components as small as possible  
Receiver with dual-chamber technology

## BASIC FEATURES

Battery compartment as on/off switch with loss protection  
Level-dependent signal tones/melodies (activate/deactivate) for low battery voltage  
Audiomatic power-on delay (P) (activate/deactivate)  
Wax guard HF 4 Black  
Carbon removal line

## OPTIONS



Smart Remote App  
Microphone filter Microsafe

## PROGRAMMING CABLE

Programming cable, right	Art.-No. 105 40 984
Programming cable, left	Art.-No. 105 40 985

## TECHNICAL FEATURES

40 signal processing channels / 20 frequency channels  
20 AGC channels / 20 MPO channels  
1-6 hearing programs  
Data Logging

## SIGNAL PROCESSING

Anti-Feedback system G3  
Noise Manager

- › Adaptive noise reduction
- › Wiener filter
- › Impulse suppressor
- › Auto-situation adaption

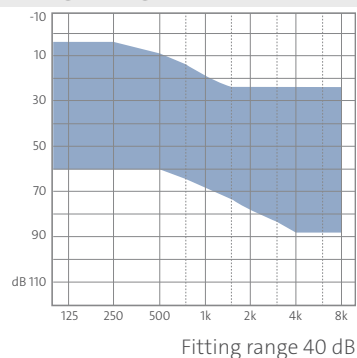
Frequency and dynamics concept

- › TRC S
- › Selective frequency compression
- › HiFi functionality

## AUTOMATIC FUNCTIONS

Intelligent Acclimatic  
Comformatic

## FITTING RANGE



P = Patent

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

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Gain 40 dB



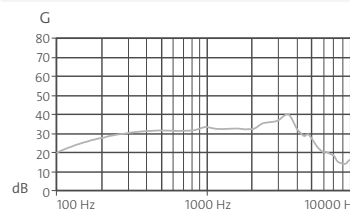
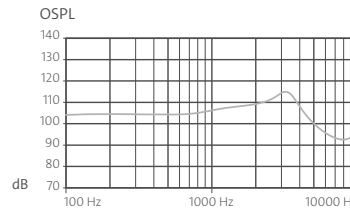
## MAXIMUM OUTPUT

Input: 90 dB

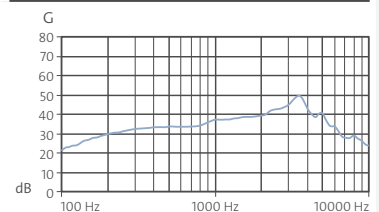
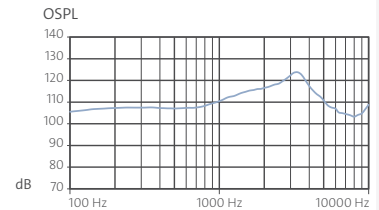
## MAXIMUM GAIN

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	115 dB	125 dB
1,600 Hz (RTF)	108 dB	115 dB
HFA (High Frequency Average)	109 dB	111 dB

### FULL ON GAIN

Peak value at 50 dB	40 dB	50 dB
1,600 Hz (RTF)	32 dB	39 dB
HFA (High Frequency Average)	33 dB	37 dB
Reference test gain	32 dB	32 dB

### TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	90	90
Frequency range	100 – 10,000 Hz	100 – 10,000 Hz
Battery current consumption	0.70 mA	0.70 mA
Equivalent noise level	24 dB	23 dB
Distortion		
500 Hz	1%	1%
800 Hz	2%	2%
1,600 Hz	1%	2%

<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 7.5 and AudioFit 7.5 or higher.