

# Icon 8 G4 DIC

WITH BATTERY SIZE 10



## 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



Remote Control Smart Key  
Smart Remote App  
Microphone filter Microsafe

## PROGRAMMING CABLES

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

## TECHNICAL FEATURES

24 signal processing channels / 12 frequency channels  
12 AGC channels / 12 MPO channels  
1-6 hearing programs  
➤ MusicSelect  
Data Logging

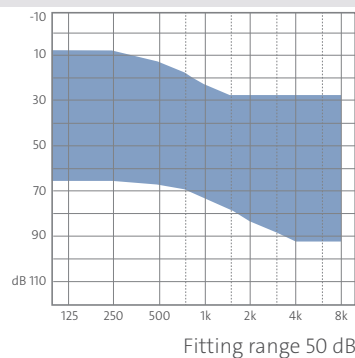
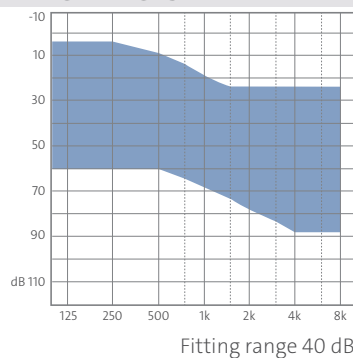
## SIGNAL PROCESSING

Anti-Feedback system  
Noise Manager  
➤ Adaptive noise reduction  
➤ Wiener filter  
➤ Impulse suppressor  
➤ Auto-situation adaption  
Frequency and dynamics concept  
➤ TRC S  
➤ Selective frequency compression  
Programmable Tinnitus function

## AUTOMATIC FUNCTIONS

Comfort365  
Acclimatic  
Comformatic

## FITTING RANGES



P = Patent

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

# Icon 8 G4 DIC

Gain 40 dB



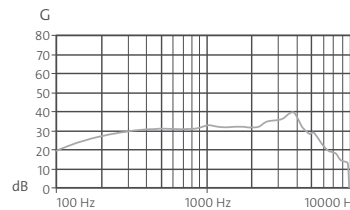
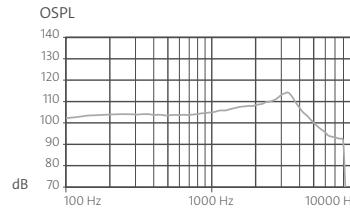
## MAXIMUM OUTPUT

Input: 90 dB

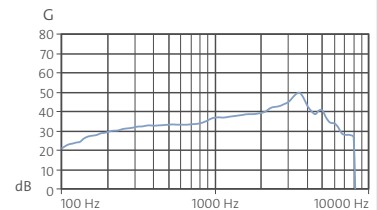
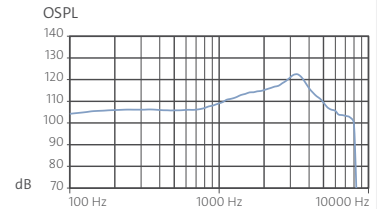
## MAXIMUM GAIN

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	116 dB
HFA (High Frequency Average)	108 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	31 dB	32 dB

### TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	90	90
Frequency range	100 – 8,000 Hz	100 – 8,250 Hz
Battery current consumption	0.70 mA	0.70 mA
Equivalent noise level	24 dB	23 dB
Tinnitus noiser broadband	77 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.

# Icon 8 G4 DIC

Gain 50 dB



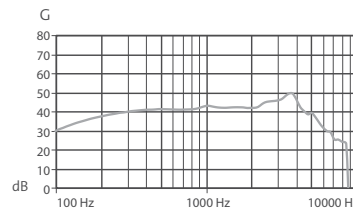
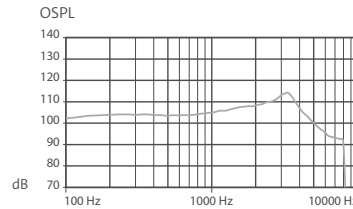
## MAXIMUM OUTPUT

Input: 90 dB

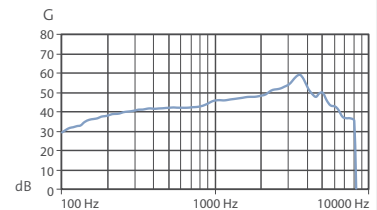
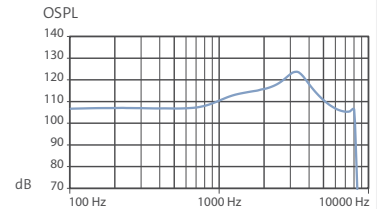
## MAXIMUM GAIN

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	115 dB	124 dB
1,600 Hz (RTF)	108 dB	115 dB
HFA (High Frequency Average)	108 dB	111 dB

### FULL ON GAIN

Peak value at 50 dB	50 dB	60 dB
1,600 Hz (RTF)	42 dB	49 dB
HFA (High Frequency Average)	43 dB	41 dB
Reference test gain	41 dB	42 dB

### TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	79	79
Frequency range	100 – 8,000 Hz	100 – 8,250 Hz
Battery current consumption	0.80 mA	0.80 mA
Equivalent noise level	24 dB	23 dB
Tinnitus noiser broadband	70 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



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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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# Icon 8 G4 Mini-CIC

WITH BATTERY SIZE 10



 **Audio Service**

## PRODUCT FEATURES

Custom-made Mini-CIC  
Components as small as possible  
Receiver with dual-chamber technology

## BASIC FEATURES

Battery compartment as on/off switch with loss protection  
Situation push button for program change (integrated in battery compartment lid)  
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 4 Black  
Carbon removal line

## OPTIONS



Audiostreamer Smart Connect  
Remote control Smart Remote  
Remote control Smart Key  
Smart Connect App  
Smart Remote App  
Microphone filter Microsafe

## PROGRAMMING CABLES

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

## TECHNICAL FEATURES

24 signal processing channels / 12 frequency channels  
12 AGC channels / 12 MPO channels  
6 hearing programs  
    > MusicSelect  
Data Logging  
Wireless optional  
    > AudioLink  
    > Binaural synchronization  
    > Wireless audio streaming

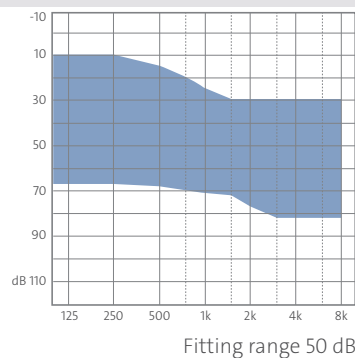
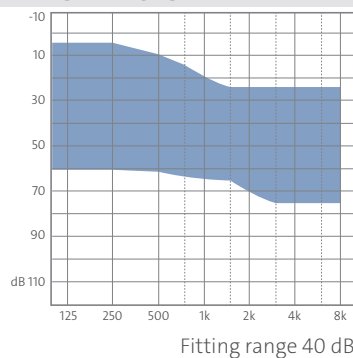
## SIGNAL PROCESSING

Anti-Feedback system  
Noise Manager  
    > Adaptive noise reduction  
    > Wiener filter  
    > Impulse suppressor  
    > Auto-situation adaption  
Frequency and dynamics concept  
    > TRC S  
    > Selective frequency compression  
Programmable Tinnitus function

## AUTOMATIC FUNCTIONS

Comfort365  
Acclimatic  
Comformatic

## FITTING RANGES



P = Patent

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# Icon 8 G4 Mini-CIC

Gain 40 dB



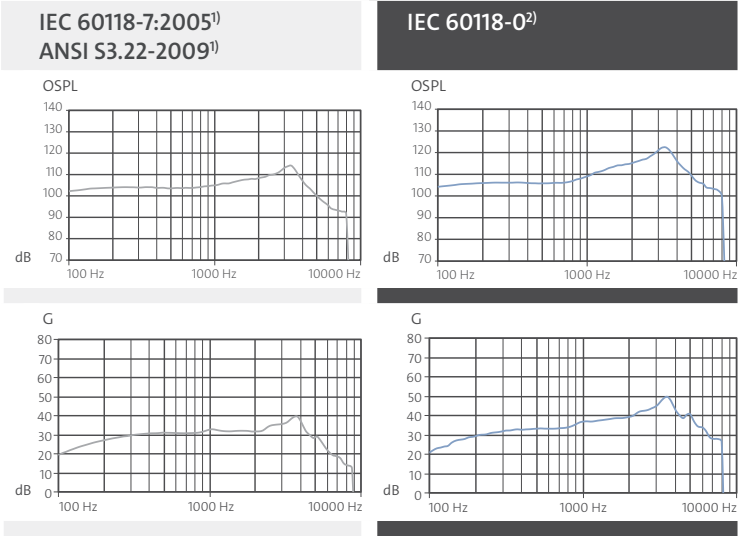
 **Audio Service**

## MAXIMUM OUTPUT

Input: 90 dB

## MAXIMUM GAIN

Input: 50 dB



## TECHNICAL INFORMATION

MAXIMUM OUTPUT		
Peak value at 90 dB	115 dB	125 dB
1,600 Hz (RTF)	108 dB	116 dB
HFA (High Frequency Average)	108 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	31 dB	32 dB

TECHNICAL FEATURES		
Battery type	10	10
Battery life in hours	90	90
Frequency range	100 – 8,000 Hz	100 – 8,250 Hz
Battery current consumption	0.70 mA	0.70 mA
Equivalent noise level	24 dB	23 dB
Tinnitus noiser broadband	77 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

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# Icon 8 G4 Mini-CIC

Gain 50 dB



 **Audio Service**

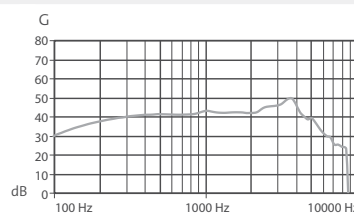
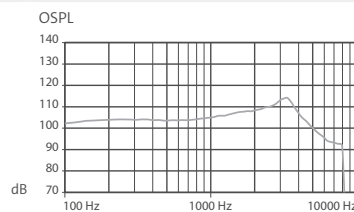
## MAXIMUM OUTPUT

Input: 90 dB

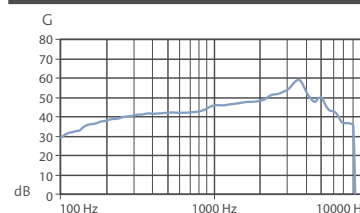
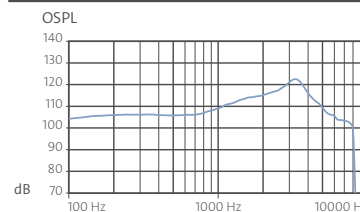
## MAXIMUM GAIN

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

### FULL ON GAIN

Peak value at 50 dB	50 dB	60 dB
1,600 Hz (RTF)	42 dB	49 dB
HFA (High Frequency Average)	43 dB	41 dB
Reference test gain	41 dB	42 dB

### TECHNICAL FEATURES

Battery type	10	10
Battery life in hours	90	90
Frequency range	100 – 8,000 Hz	100 – 8,250 Hz
Battery current consumption	0.70 mA	0.70 mA
Equivalent noise level	24 dB	23 dB
Tinnitus noiser broadband	70 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



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