

### Description

- Programmable ITE instruments with e2e wireless™
- SoundSmoothing™ technology
- DataLearning™ technology
- Optimized solution for binaural fitting
- For mild to moderate hearing loss
- Binaural volume control and program selection due to e2e wireless
- High performance directional microphone, automatic and multi-channel adaptive operation (IT/ITE and CT/ITC/HS)
- Automatic and adaptive feedback cancellation
- Automatic situation detection including music detection
- Adaptive noise reduction and adaptive speech enhancement
- Up to 3 individual hearing programs for microphone and/or telecoil
- Professional and efficient fitting with new workflow oriented CONNEXX™ software

### Amplifier

- Digital 16-channel amplifier with 8 fully compression channels

### Standard Features

- e2e wireless
- SoundSmoothing technology
- DataLearning technology
- Alerting tones for low battery voltage
- Power on delay

### Options

- High performance directional microphone (IT/ITE and CT/ITC/HS)
- Volume control, with learning function and optional alerting tones for volume changes and volume limits (CIC only with ePocket™)
- Telecoil (except CIC)
- Programmable ON/OFF function for push button
- Push button for program selection with alerting tones for program change



CIC



CS/MC



CT/ITC/HS



IT/ITE

### Options

- Wax guard option and various shell and venting types
- Fourth program with AutoPhone™ function (IT/ITE and CT/ITC/HS)

### Accessories

- ePocket, bi-directional remote control with read out function, program change and volume adjustment
- Vent inserts, material and cleaning tools for wax guard system

# CENTRA CUSTOM Technical Data

Type	IT/ITE		CT/ITC/HS		CS/MC	CIC	
<b>Matrix</b>	118/50	123/55	113/40	118/45	113/40	113/35	113/40
<b>Options</b>							
VC	Yes	Yes	Yes	Yes	Yes	Yes*	Yes*
Programs	3	3	3	3	3	3*	3*
Telecoil	Yes	Yes	Yes	Yes	Yes	–	–
Autophone	Yes	Yes	Yes	Yes	–	–	–
AI-DI	5.1	5.1	5.1	5.1	–	–	–
<b>Ear simulator IEC 118-0</b>							
Peak (dB)	129/61	131/65	122/51	129/56	123/51	122/46	122/51
OSPL 90/FOG							
RTF 2.5 kHz (dB)	128/59	131/64	120/46	127/54	121/48	120/44	121/48
OSPL 90/FOG							
<b>2 ccm coupler IEC 118-7</b>							
Peak (dB)	118/50	122/55	113/40	118/45	113/40	113/35	113/40
OSPL 90/FOG							
Current (mA)	0.9	1.0	0.8	0.9	0.8	0.8	0.8
<b>2ccm coupler ANSI S3.22-1996</b>							
Average Gain (dB)	116/44	118/49	109/35	114/38	109/34	109/31	110/36
OSPL 90/FOG							
Current (mA)	1.1	1.1	0.9	1.1	0.9	0.9	0.9
<b>Battery</b>							
Batterytype	312	312	312	312	10	10	10
Battery life (h)	~110	~110	~140	~110	~70	~70	~70

Technical information for e2e wireless function: Operating frequencies:  $f_{\text{low}} = 115 \text{ kHz}$ ,  $f_{\text{high}} = 120 \text{ kHz}$ ; Rated H-field strength (maximum):  $-11,5 \mu\text{A/m}$  at 3 meters.

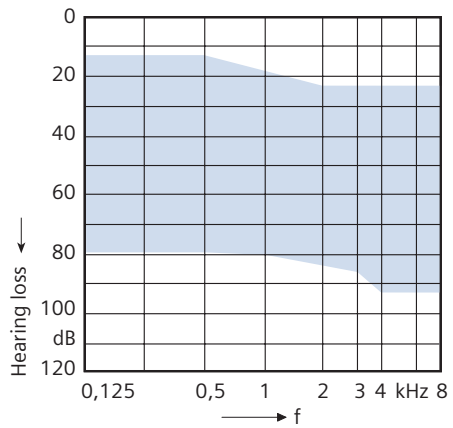
MASL = Magneto Acoustical Sensitivity Level; SPLITS = Coupler SPL for an Inductive Telephone Simulator; STS = Simulated Telephone Sensitivity  
AI-DI, AI = Articulation index DI = Weighted directivity index

Measure instructions: Instrument in linear setting. Input signal: Sinus Burst; Frequency: 2500 Hz; Low Level: 33 dB; High Level: 60 dB; Interval: 250 ms; On; Time: 125 ms.

\* only with ePocket

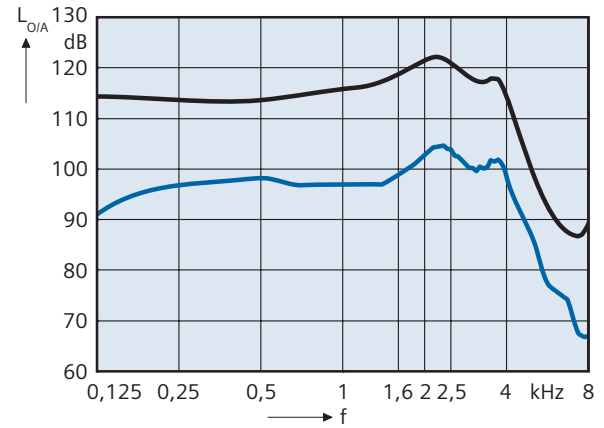
# CENTRA CUSTOM IT Basic Data

## Fitting Range 123/55

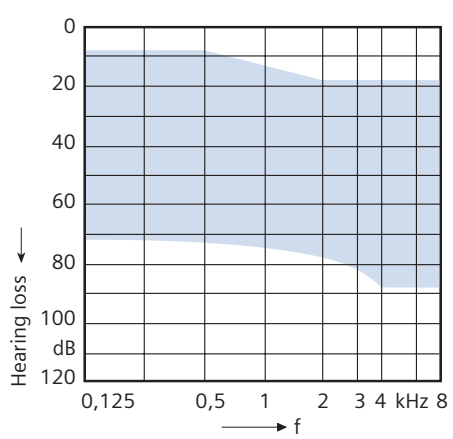


## Saturation Sound Pressure Level 123/55 Maximum Gain 123/55

IEC 118-7/A1; ANSI S3.22-2003

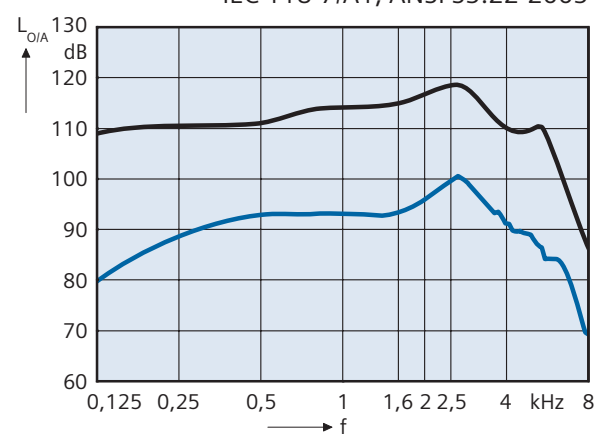


## Fitting Range 118/50



## Saturation Sound Pressure Level 118/50 Maximum Gain 118/50

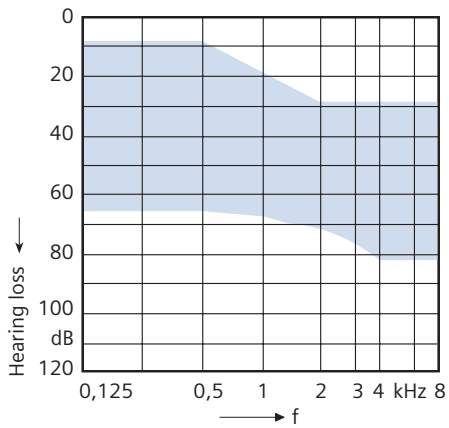
IEC 118-7/A1; ANSI S3.22-2003



Saturation Sound Pressure Level,  $L_1 = 90$  dB  
Maximum Gain,  $L_1 = 50$  dB

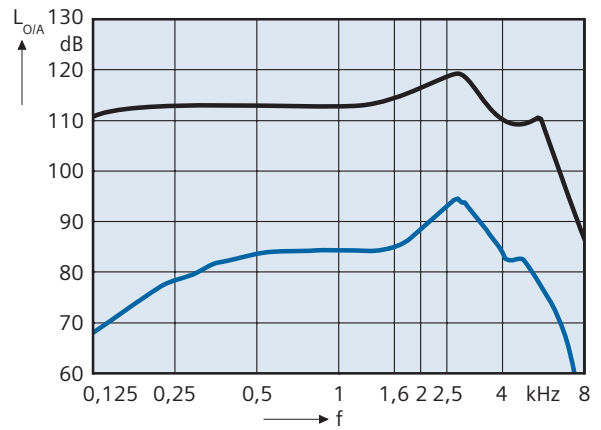
# CENTRA CUSTOM CT Basic Data

## Fitting Range 118/45

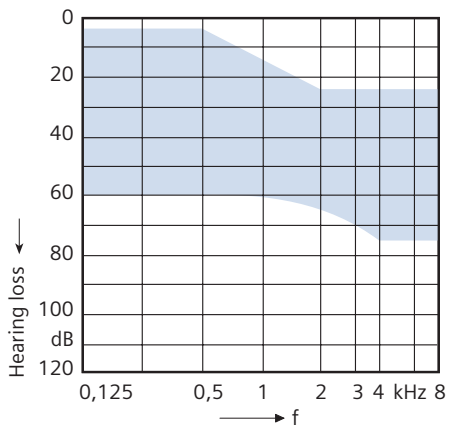


## Saturation Sound Pressure Level 118/45 Maximum Gain 118/45

IEC 118-7/A1; ANSI S3.22-2003

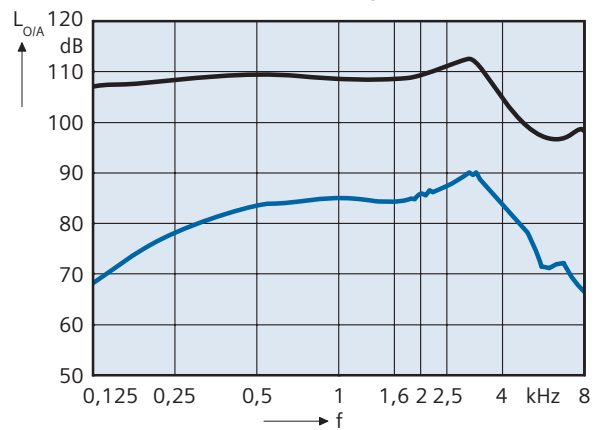


## Fitting Range 113/40



## Saturation Sound Pressure Level 113/40 Maximum Gain 113/40

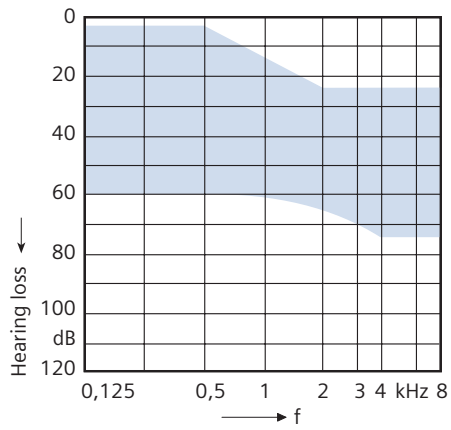
IEC 118-7/A1; ANSI S3.22-1996



Saturation Sound Pressure Level,  $L_1 = 90$  dB  
Maximum Gain,  $L_1 = 50$  dB

# CENTRA CUSTOM CS Basic Data

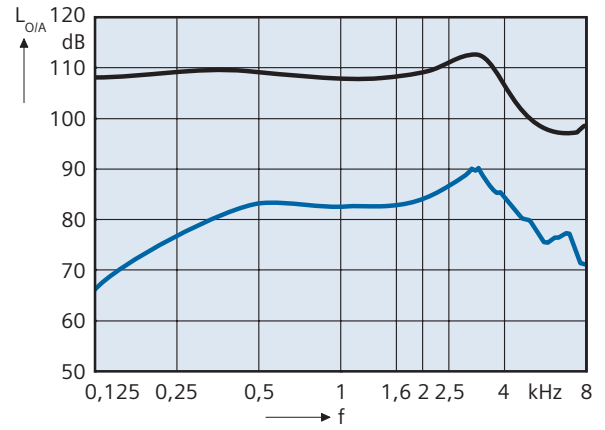
## Fitting Range 113/40



## Saturation Sound Pressure Level 113/40

### Maximum Gain 113/40

IEC 118-7/A1; ANSI S3.22-2003

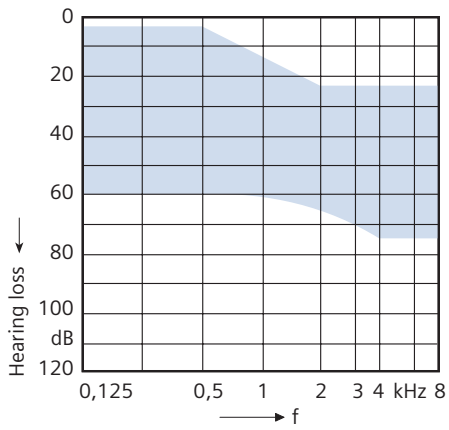


Saturation Sound Pressure Level,  $L_1 = 90$  dB

Maximum Gain,  $L_1 = 50$  dB

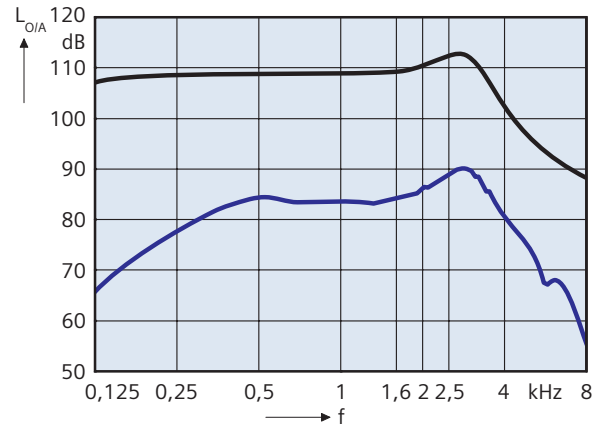
# CENTRA CUSTOM CIC Basic Data

## Fitting Range 113/40

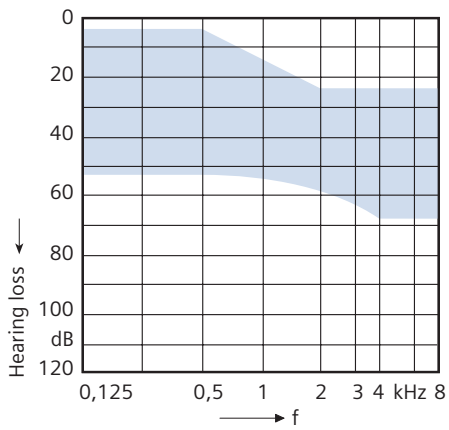


## Saturation Sound Pressure Level 113/40 Maximum Gain 113/40

IEC 118-7/A1; ANSI S3.22-2003

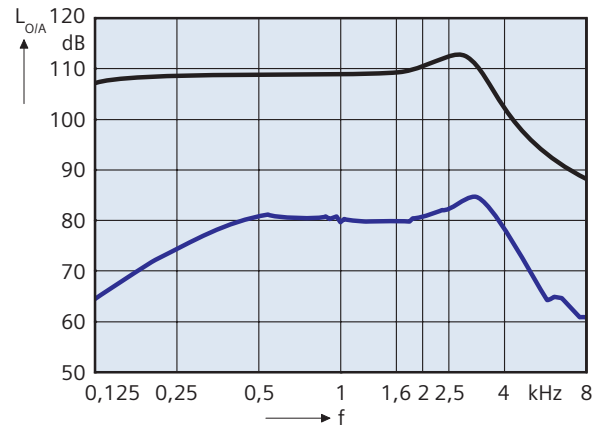


## Fitting Range 113/35



## Saturation Sound Pressure Level 113/35 Maximum Gain 113/35

IEC 118-7/A1; ANSI S3.22-2003



Saturation Sound Pressure Level,  $L_1 = 90$  dB  
Maximum Gain,  $L_1 = 50$  dB

# CENTRA CUSTOM

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Änderungen vorbehalten/  
Subject to change

Order No. A91100-M5100-1252-01-7600  
Printed in the Fed. Rep. of Germany  
Edition 03/2006 · CG