

Premium Features

- Digital 16-channel amplifier with 8 fully programmable compression handles
- SoundSmoothing™ technology
- DataLearning™ technology
- Programmable custom instruments with e2e wireless™
- Optimized solution for binaural fittings with e2e wireless
- For mild to severe hearing loss
- Automatic and adaptive feedback cancellation
- Automatic situation detection including music detection
- Adaptive noise reduction and adaptive speech enhancement
- Professional and efficient fitting with new workflow oriented CONNEXX™ software

Standard Features

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

Options

- Automatic and multichannel adaptive high performance directional microphone system (ITE/HS/ITC)
- Volume control with learning function and optional alerting tones for volume changes and volume limits (CIC only with ePocket™)
- Telecoil (except CIC)
- AutoPhone function (ITE/HS/ITC)
- Push button for program selection with alerting tones for program change (CIC only with ePocket™)
- Programmable ON/OFF function for push button
- C-Guard™ wax guard option
- ePocket™, bi-directional remote control with read out function, program change and volume adjustment



CIC



MC



ITC/HS



ITE

CENTRA CUSTOM Technical Data

Type		ITE		HS/ITC		MC	CIC	
Matrix		123/55	118/50	118/45	113/40	113/40	113/40	113/35
Options	VC	Opt	Opt	Opt	Opt	Opt	Opt*	Opt*
	Programs	3	3	3	3	3	3*	3*
	Telecoil	Opt	Opt	Opt	Opt	Opt	-	-
	Autophone	Opt	Opt	Opt	Opt	-	-	-
	AI-DI	5.1	5.1	5.1	5.1	-	-	-
2ccm coupler ANSI S3.22-1996	OSPL 90/FOG	118	116	114	109	109	110	109
	Average Gain (dB)	49	44	38	35	34	36	31
	Current (mA)	1.1	1.1	1.1	0.9	0.9	0.9	0.9
Battery	Battery type	312	312	312	312	10	10	10
	Battery life (h)	~110	~110	~110	~140	~70	~70	~70

Technical information for e2e wireless function: Operating frequencies: $f_{low} = 115$ kHz, $f_{high} = 120$ 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

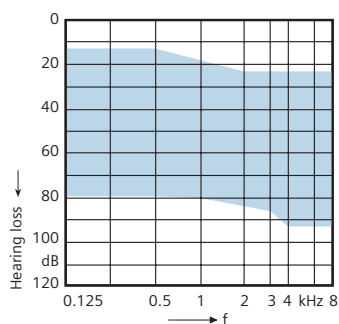
AI-DI, AI = Articulation index DI = Weighted directivity index

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
Opt = Optional

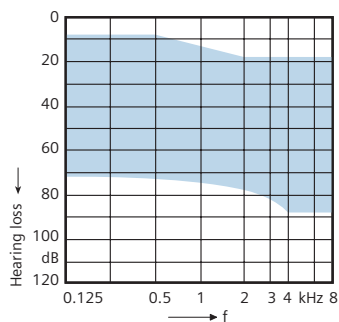
*Control of volume and programs only with ePocket

CENTRA CUSTOM ITE Basic Data

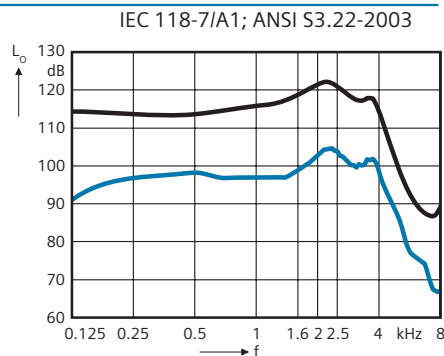
Fitting Range 123/55



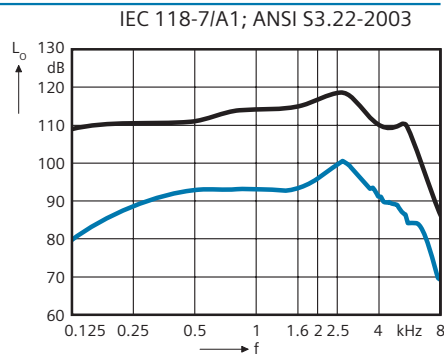
Fitting Range 118/50



Output Sound Pressure Level 123/55 Maximum Gain 123/55



Output Sound Pressure Level 118/50 Maximum Gain 118/50

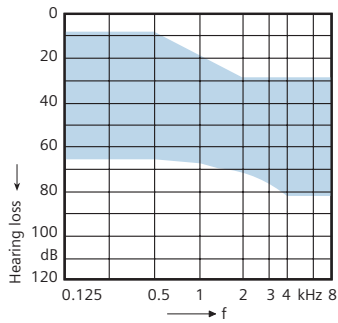


Output Sound Pressure Level, $L_1 = 90$ dB

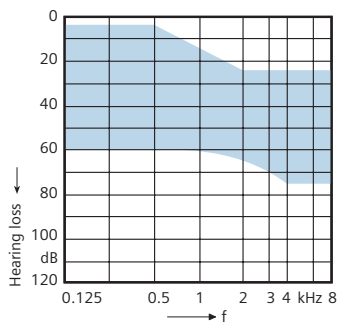
Maximum Gain, $L_1 = 50$ dB

CENTRA CUSTOM HS/ITC Basic Data

Fitting Range 118/45



Fitting Range 113/40

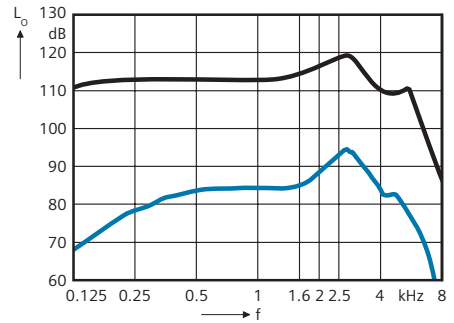


Output Sound Pressure Level, $L_1 = 90$ dB

Maximum Gain, $L_1 = 50$ dB

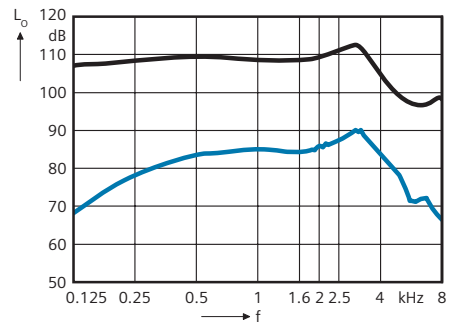
Output Sound Pressure Level 118/45 Maximum Gain 118/45

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



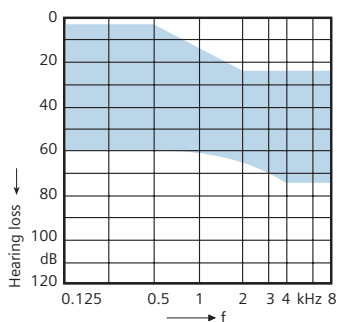
Output Sound Pressure Level 113/40 Maximum Gain 113/40

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



CENTRA CUSTOM MC Basic Data

Fitting Range 113/40

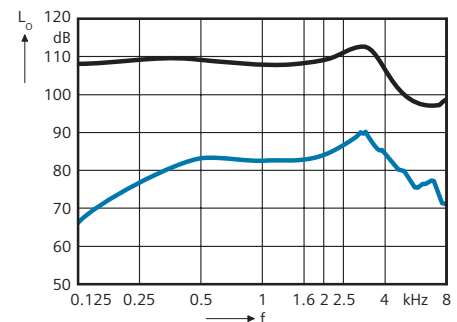


Output Sound Pressure Level, $L_1 = 90$ dB

Maximum Gain, $L_1 = 50$ dB

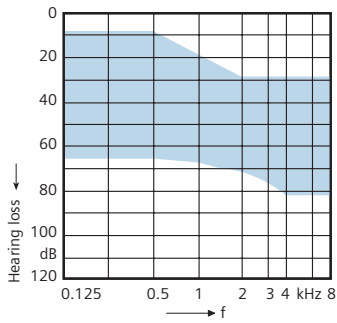
Output Sound Pressure Level 113/40 Maximum Gain 113/40

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

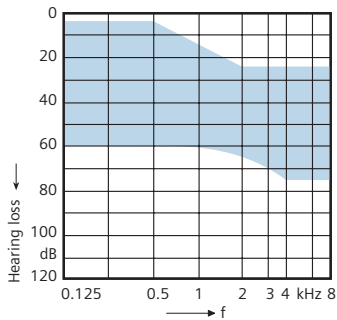


CENTRA CUSTOM CIC Basic Data

Fitting Range 113/40



Fitting Range 113/35

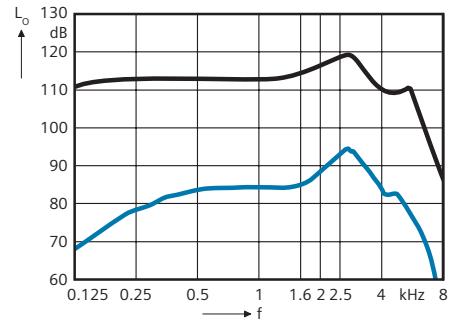


Output Sound Pressure Level, $L_1 = 90$ dB

Maximum Gain, $L_1 = 50$ dB

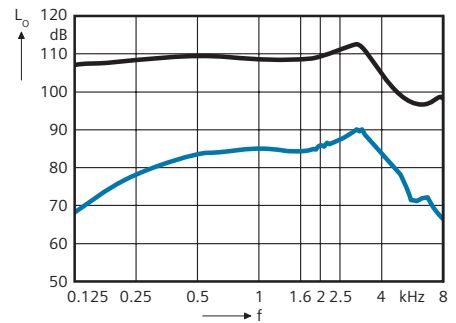
Output Sound Pressure Level 113/40 Maximum Gain 113/40

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



Output Sound Pressure Level 113/35 Maximum Gain 113/35

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



Siemens Hearing Instruments, Inc. locations

United States Headquarters/Northeast Manufacturing Facility:

10 Constitution Avenue, P.O. Box 1397, Piscataway, NJ 08855-1397 • (732) 562-6600 or (800) 766-4500

Midwest Manufacturing Facility: (847) 808-1200 or (800) 333-9083

West Manufacturing Facility: (562) 404-4531 or (800) 998-9787

Technical Support for Software and Systems: (888) 231-1333

www.usa.siemens.com/hearing

Siemens Hearing Instruments A Division of Siemens Canada Limited

320 Pinebush Road, Cambridge, Ontario, Canada N1T 1Z6 • (519) 622-5200 or (800) 663-0620

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