

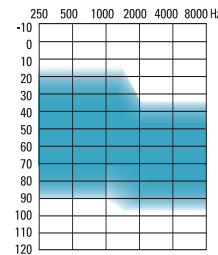
Next™ Essential Custom 4 Channels, 8 Bands, Directional

HEARING INSTRUMENT FEATURES

- Up to 2 manual programs provide customization for individual needs and preferences
- Highly advanced feedback management that delivers more useable gain, allowing clients to enjoy the natural comforts and advantages of an open fit
- AntiShock™ instantaneously reduces the level of impulse noises such as a door slam, while maintaining the quality and intelligibility of speech
- 4 channels, 8 bands provide flexible and accurate frequency shaping
- Fixed directional microphone system suppresses background noise sources, while focusing on sounds from the front
- Noise Reduction analyzes input and automatically reduces noise signals
- Data logging accurately records wearers' usage and manual program use
- Easy-t provides automatic switching to a dedicated telephone program
- Ideal volume indicator provides a beep notification when preferred gain is reached on the volume control
- Low battery warning
- Start up delay
- On/Off by opening or closing the battery door
- Next™ Essential can be programmed using NOAH-compatible U:fit™ and Standalone U:fit fitting software v1.4 or higher
- Choice of processing strategies, WDRC or Linear Limiting

OPTIONS AND ACCESSORIES

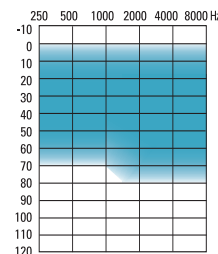
- Telecoil (T) or Microphone/Telecoil (MT) option can be set as one of the three manual programs



Fitting Guide



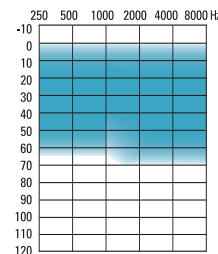
122/60
Full Shell Power



Fitting Guide



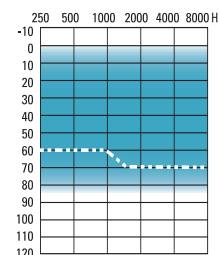
115/50
Full Shell



Fitting Guide



113/48
Half Shell / Canal



--- Mini Canal / CIC
Power CIC

Fitting Guide



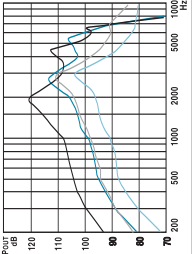
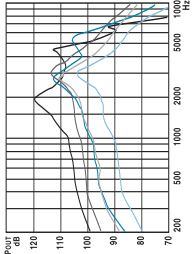
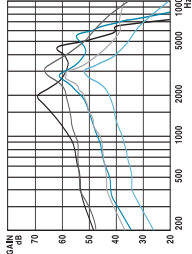
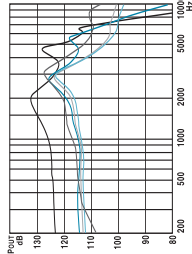
112/40
Mini Canal / CIC

116/55
CIC Power

Next Essential Custom is suitable for fitting mild to severe hearing losses and can fit audiogram configurations ranging from reverse to precipitously sloping.

ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA			
Model	CIC/Mini Canal	CIC Power	Canal/Half Shell	Full Shell	Full Shell Power	Model	CIC/Mini Canal	CIC Power	Canal/Half Shell	Full Shell	Full Shell Power	Model	CIC/Mini Canal	CIC Power	Canal/Half Shell	Full Shell	Full Shell Power
OSPL90 Maximum HFA at 1.6 kHz	112 dB	116 dB	113 dB	115 dB	122 dB	OSPL90 Maximum Output at 1.6 kHz	123 dB	127 dB	124 dB	126 dB	132 dB	OSPL90 Maximum Output at 1.6 kHz	115 dB	119 dB	117 dB	118 dB	131 dB
	108 dB	112 dB	109 dB	110 dB	119 dB		115 dB	119 dB	124 dB	126 dB	132 dB						
Full on Gain (input 50 dB) Maximum HFA at 1.6 kHz	40 dB	55 dB	48 dB	50 dB	60 dB	Full on Gain (input 50 dB) Maximum at 1.6 kHz	52 dB	66 dB	59 dB	61 dB	69 dB	Full on Gain (input 50 dB) Maximum at 1.6 kHz	41 dB	57 dB	50 dB	51 dB	65 dB
	32 dB	50 dB	42 dB	43 dB	53 dB		41 dB	57 dB	50 dB	51 dB	65 dB						
Basic Frequency Response Frequency Range (Hz) Reference Test Gain (ANSI 1996)	200-7200	200-6700	200-6500	200-7100	200-5300	Basic Frequency Response Frequency Range in Hz (DIN) Reference Test Gain	200-7700	200-7800	200-8000	200-7300	250-5500	Basic Frequency Response Frequency Range in Hz (DIN) Reference Test Gain	34 dB	45 dB	42 dB	42 dB	55 dB
	31 dB	35 dB	32 dB	33 dB	42 dB		34 dB	45 dB	42 dB	42 dB	55 dB						
Induction Coil Sensitivity (ANSI 1996; 31.6 mA/m) HFA SPLITS STS	92 dB 1 dB	N/A N/A	92 dB 0 dB	94 dB 1 dB	102 dB 0 dB	Induction Coil Sensitivity Graph shown for 31.6 mA/m at RTG At RTF (1 mA/m at Full On Gain) Maximum at RTF	82 dB 72 dB	N/A N/A	42 dB 90 dB 81 dB	43 dB 92 dB 81 dB	56 dB 100 dB 96 dB	Induction Coil Sensitivity Graph shown for 31.6 mA/m at RTG At RTF (1 mA/m at Full On Gain) Maximum at RTF	35 dB	N/A	N/A	N/A	N/A
	1.1 mA 10A	1.1 mA 10A	1.1 mA 312	1.1 mA 13	1.1 mA 13		35 dB	N/A	N/A	N/A	N/A		N/A	35 dB	N/A	N/A	N/A
Current Drain at RTG	1.1 mA	1.1 mA	1.1 mA	1.1 mA	1.1 mA	Current Drain at RTG	1.1 mA	1.1 mA	1.1 mA	1.1 mA	1.1 mA	Current Drain at RTG	1.1 mA	1.1 mA	1.1 mA	1.1 mA	1.1 mA
Battery Size	10A	10A	312	13	13	Battery Size	10A	10A	312	13	13	Battery Size	10A	10A	312	13	13
Typical Battery Life	80 h	80 h	135 h	260 h	260 h	Typical Battery Life	80 h	80 h	135 h	260 h	260 h	Typical Battery Life	80 h	80 h	135 h	260 h	260 h
Equivalent Input Noise at RTG	22 dB	22 dB	22 dB	22 dB	22 dB	Equivalent Input Noise at RTG	21 dB	21 dB	21 dB	21 dB	21 dB	Equivalent Input Noise at RTG	21 dB	21 dB	21 dB	21 dB	21 dB
Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz	1.0% 0.5% 0.5%	1.0% 0.5% 1.0%	1.5% 1.5% 1.0%	1.0% 0.5% 0.5%	1.0% 0.5% 0.5%	Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz	1.5% 1.0% 1.0%	1.5% 1.5% 1.5%	1.5% 1.5% 1.0%	1.0% 0.5% 0.5%	1.5% 1.0% 1.0%	Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz	1.5% 1.0% 1.0%	1.5% 1.5% 1.5%	1.0% 0.5% 0.5%	1.0% 1.0% 1.0%	
EMC immunity by ANSI C63-19-2001 EMC, Omni mode/Telecoil	M4/T4	M4/T4	M4/T4	M4/T4	M4/T4	EMC immunity by ANSI C63-19-2001 EMC, Omni mode	39/40	36/40	40/46	39/47	36/36	EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode	39/40	36/40	40/46	39/47	36/36

IEC 118-0 OES COUPLER TECHNICAL DATA



Legend:
— Mini Canal/CIC
— CIC Power

Test Conditions:

- Battery: 10/312/13
- Source: Voltage 1.3 V
- Impedance: 16/7.5/7.5 Ohms
- Vent: Closed at canal end
- The measurement data obtained with hearing instrument set to Omni mode, all adaptive features disabled.

We reserve the right to change specification data without notice as improvements are introduced.

