

## Yuu™ Custom AutoPro4™

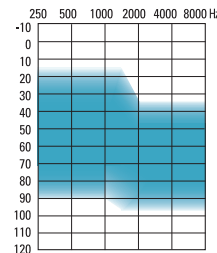
### 20 Channels, 20 Bands, Multiband Adaptive Directionality

#### HEARING INSTRUMENT FEATURES

- AutoPro4™ offers faster detection and response of the 4 listening destinations and the ability to adjust comfort and clarity in all destinations
- Comfort-Clarity Balance gives the client control of adaptive features (speech enhancement and noise reduction)
- AntiShock™ instantaneously reduces the level of impulse noises such as a door slam, while maintaining the quality and intelligibility of speech
- Speech enhancement LD emphasizes speech signals based on the input level in each of the 20 bands independently
- 20 channels provide high resolution signal processing
- Multiband adaptive directional microphone system tracks and suppresses up to 20 different moving noise sources, while focusing on sounds from the front
- Noise Reduction in 20 bands, Phase Canceller, Wind Noise Manager
- Data logging accurately records data on time spent in each program and listening destination. Volume control and Comfort-Clarity Balance changes are also logged in manual and automatic programs.
- Self learning can be configured to automatically learn volume and comfort-clarity preferences in autoPro4
- MyMusic™ enhances the music listening experience by bringing out the rich, full tones of music
- OnBoard™ control is easily configured as a volume control or program button
- 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
- 3 additional manual programs provide customization for individual needs and preferences
- Low battery warning
- Start up delay
- On/Off by opening or closing the battery door
- Yuu™ can be programmed using NOAH-compatible U:fit™ and Standalone U:fit fitting software v1.3 or higher

#### OPTIONS AND ACCESSORIES

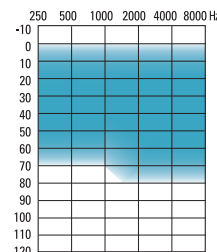
- Remote control with volume control, Comfort-Clarity Balance, learnNow™, program change button, and more
- Telecoil (T) or Microphone/Telecoil (MT) option can be set as one of the three manual programs



Fitting Guide



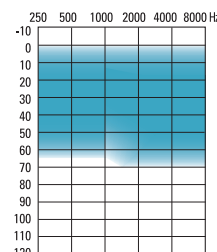
122/60  
Full Shell Power



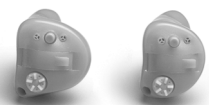
Fitting Guide



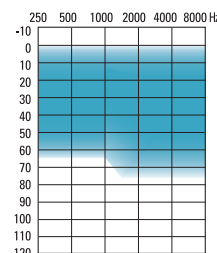
115/50  
Full Shell



Fitting Guide



113/48  
Half Shell / Canal



Fitting Guide



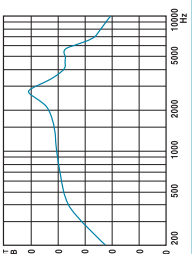
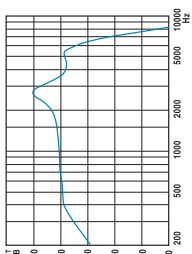
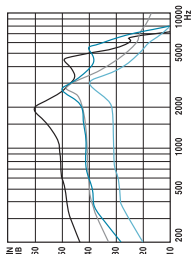
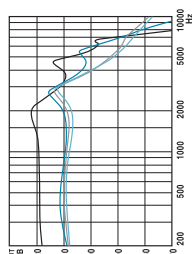
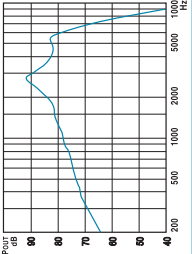
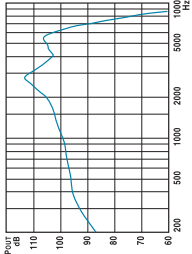
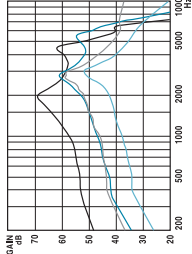
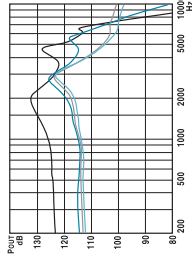
112/40  
Mini Canal / CIC

Yuu 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

## IEC 118-0 OES COUPLER TECHNICAL DATA

	CIC/ Mini Canal	Canal/ Half Shell	Full Shell	Full Shell Power
<b>OSPL90</b> Maximum HFA at 1.6 kHz	112 dB 108 dB 107 dB	113 dB 109 dB 108 dB	115 dB 110 dB 109 dB	122 dB 119 dB 121 dB
<b>Full on Gain</b> (input 50 dB) Maximum HFA at 1.6 kHz	40 dB 32 dB 31 dB	48 dB 42 dB 41 dB	50 dB 43 dB 42 dB	60 dB 53 dB 56 dB
<b>Basic Frequency Response</b> (based on full shell 118/50) Frequency Range (Hz) Reference Test Gain (ANSI 1996)	200- 7200 31 dB	200- 6500 32 dB	200- 7100 33 dB	200- 5300 42 dB
<b>Induction Coil Sensitivity</b> (ANSI 1996, 31.6 mA/m) (based on full shell 118/50) HFA SPLITS STS	92 dB 1 dB	92 dB 0 dB	94 dB 1 dB	102 dB 0 dB
Current Drain at RTG	1.1 mA	1.1 mA	1.1 mA	1.1 mA
Battery Size	10A	312	13	13
Typical Battery Life	80 h	135 h	260 h	260 h
Equivalent Input Noise at RTG	22 dB	22 dB	22 dB	22 dB
Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz	1.0% 0.5% 0.5%	1.5% 1.5% 1.0%	1.0% 0.5% 0.5%	1.0% 0.5% 0.5%
EMC immunity by ANSI C63.19-2001 EMC, Omni mode/Telecoil	M4/T4	M4/T4	M4/T4	M4/T4
<b>OSPL90</b> Maximum Output at 1.6 kHz	123 dB 115 dB	124 dB 117 dB	126 dB 118 dB	132 dB 131 dB
<b>Full on Gain</b> (input 50 dB) Maximum at 1.6 kHz	52 dB 41 dB	59 dB 50 dB	61 dB 51 dB	69 dB 65 dB
<b>Basic Frequency Response</b> (based on full shell 118/50) Frequency Range in Hz (DIN) Reference Test Gain	200- 7700 34 dB	200- 8000 42 dB	200- 7300 42 dB	250- 5500 55 dB
<b>Induction Coil Sensitivity</b> (1 mA/m) (based on full shell 118/50) Maximum at 1.6 kHz	82 dB 72 dB	90 dB 81 dB	92 dB 81 dB	100 dB 96 dB
Current Drain at RTG	1.1 mA	1.1 mA	1.1 mA	1.1 mA
Battery Size	10A	312	13	13
Typical Battery Life	80 h	135 h	260 h	260 h
Equivalent Input Noise at RTG	21 dB	21 dB	21 dB	21 dB
Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz	1.5% 1.0% 1.0%	1.5% 1.5% 1.0%	1.0% 0.5% 0.5%	1.5% 1.0% 1.0%
EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode	39/40	40/46	39/47	36/36



— Full Shell Power  
— Full Shell  
— Canal  
— Mini Canal/CIC

### 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.

