

## Element™ 4 Moxi™ Canal Receiver Technology

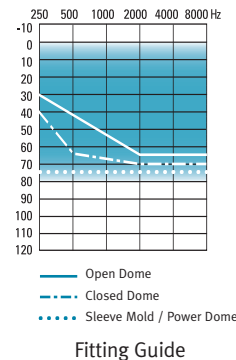
3 Manual Programs  
4 Channels, 8 Bands, Directional

### HEARING AID FEATURES

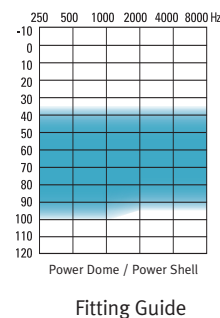
- Choice of 3 manual programs to provide customization for individual needs and preferences
- Fixed directional microphone system suppresses background noise sources, while focusing on sounds from the front
- Noise reduction analyzes input and automatically reduces noise signals
- AntiShock™ instantaneously reduces the level of impulse noises such as a door slam, while maintaining the quality and intelligibility of speech
- Phase canceller continuously monitors for feedback and accurately calculates the required counter signal for feedback cancellation
- OnBoard™ control is easily configured as a volume control or program button
- Wind noise manager intuitively engages based on moderate or high wind conditions
- 4 channels, 8 bands provide flexible and accurate frequency shaping
- Choice of 2 processing strategies (WDRC and Linear Limiting) for increased fitting flexibility
- Data logging accurately records the wearer's usage and manual program use
- Low battery warning
- Start up delay
- On/Off by opening or closing the battery door
- Element™ 4 Moxi™ can be programmed using NOAH-compatible U:fit™ and Standalone U:fit fitting software
- Battery size: 312
- Easy-t provides automatic switching to a dedicated telephone program
- Choice of 2 receivers

### OPTIONS

- Coupling options for instant fittings
- Choice of shell colours



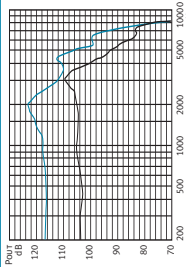
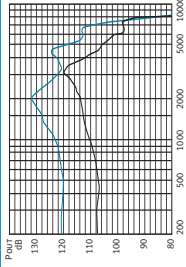
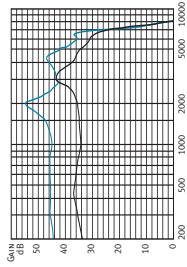
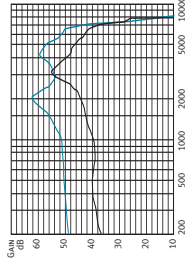
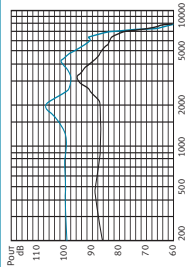
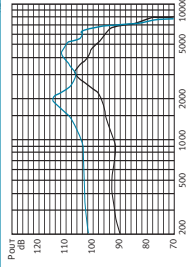
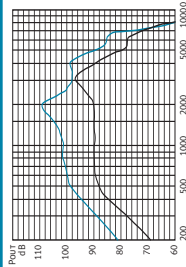
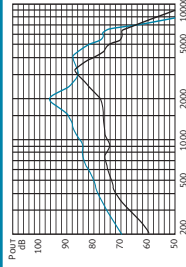
109/44  
Element 4 Moxi



123/55  
Element 4 Moxi Power

Element™ 4 Moxi™ is suitable for fitting mild to severe hearing losses; can fit audiogram configurations ranging from reverse to precipitously sloping.

# Element 4 Moxi

ANSI S3.22-1996 / IEC 118-7 2CC COUPLER TECHNICAL DATA		IEC 118-0 OES COUPLER TECHNICAL DATA	
Reference Test Frequency ANSI IEC 118-7	Element 4 Moxi (XS Receiver) HFA 2.5 kHz	Reference Test Frequency IEC 118-0	Element 4 Moxi (XP Receiver) 1.6 kHz
<b>OSPL90</b> Maximum HFA at RTF	117 dB 102 dB 105 dB	 125 dB 117 dB 117 dB	 121 dB 113 dB
<b>Full on Gain</b> (Input 50 dB) Maximum HFA at RTF	44 dB 36 dB 35 dB	 55 dB 46 dB 48 dB	 55 dB 43 dB
<b>Basic Frequency Response</b> Frequency Range (Hz) Reference Test Gain (ANSI 1996)	200-7350 28 dB	 200-7000 41 dB	 200-8000 36 dB
<b>Induction Coil Sensitivity</b> (ANSI 1996, 3±.6 mA/m) HFA SPLITS STS	90 dB 2 dB	 102 dB 1 dB	 87 dB 76 dB
<b>Current Drain at RTG</b>	1.0 mA	<b>Current Drain at RTG</b>	1.0 mA
<b>Typical Battery Life</b>	150 h	<b>Typical Battery Life</b>	150 h
<b>Equivalent Input Noise at RTG</b>	19 dB	<b>Equivalent Input Noise at RTG</b>	19 dB
<b>Total Harmonic Distortion</b> at 500 Hz at 800 Hz at 1600 Hz	1.0% 0.5% 0.5%	<b>Total Harmonic Distortion</b> at 500 Hz at 800 Hz at 1600 Hz	1.0% 1.0% 0.5%
<b>EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode IRIL Low/High band dB SPL</b>	40/40	<b>EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode IRIL Low/High band dB SPL</b>	40/40

— Element 4 Moxi — Element 4 Moxi Power

### Test Conditions:

Battery: 312

Source: Voltage 1.3 V

The measurements obtained with a closed configuration using a HA-1 coupler (ANSI-3.7-1995) or occluded ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard).

The hearing aid set to linear, omni mode with all adaptive features disabled.

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