

Element™ 16 Moxi™ Canal Receiver Technology

AutoPro2™

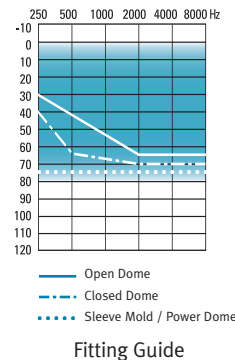
16 Channels, 16 Bands, Adaptive Directionality

HEARING AID FEATURES

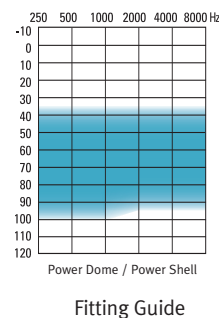
- AutoPro2™ intelligently analyzes the input signal and quickly adapts to 1 of 2 distinct destinations. Within each of these 2 destinations the adaptive features can be customized for optimal listening and comfort
- 3 additional manual programs provide maximum customization for individual needs and preferences
- Adaptive directional microphone system tracks and suppresses moving noise sources, while focusing on sounds from the front
- Noise reduction analyzes input and automatically reduces noise signals independently in each of the 16 bands
- Speech enhancement LD analyzes the input signal and automatically emphasizes speech signals independently in each of the 16 bands. The amount of speech enhancement applied is based on the input level of the identified speech 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
- 16 channels provide high resolution signal processing
- 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™ 16 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



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Element 16 Moxi

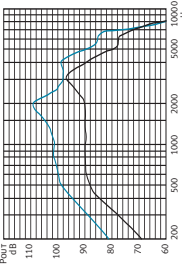
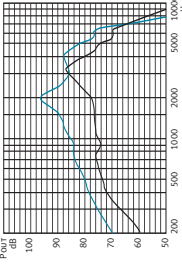
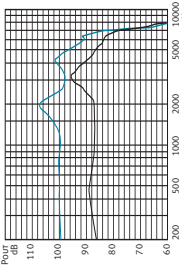
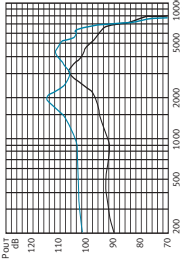
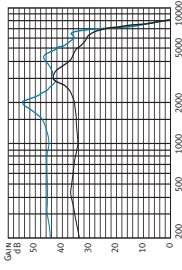
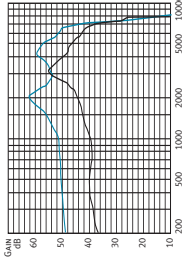
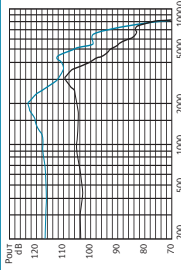
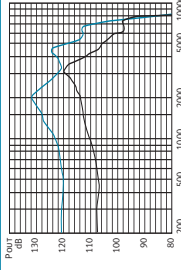


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Element 16 Moxi Power

Element™ 16 Moxi™ is suitable for fitting mild to severe hearing losses; can fit audiogram configurations ranging from reverse to precipitously sloping.

Element 16 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 16 Moxi Power (XS Receiver)	Reference Test Frequency IEC 118-0	Element 16 Moxi Power (XP Receiver)
HFA 2.5 kHz	HFA 1.6 kHz	1.6 kHz	1.6 kHz
OSPL90 Maximum HFA at RTF	HFA 1.6 kHz 125 dB 117 dB 117 dB	OSPL90 Maximum at RTF	132 dB 129 dB
Full on Gain (input 50 dB) Maximum HFA at RTF	HFA 1.6 kHz 44 dB 36 dB 35 dB	Full on Gain (input 50 dB) Maximum at RTF	62 dB 57 dB
Basic Frequency Response Frequency Range (Hz) Reference Test Gain (ANSI 1996)	HFA 1.6 kHz 200-7350 28 dB	Basic Frequency Response Frequency Range in Hz (DIN) Reference Test Gain	200-8000 36 dB
Induction Coil Sensitivity (ANSI 1996, 3±.6 mA/m) HFA SPLITS STS	HFA 1.6 kHz 90 dB 2 dB	Induction Coil Sensitivity (1 mA/m) Maximum at RTF	87 dB 76 dB
Current Drain at RTG Typical Battery Life Equivalent Input Noise at RTG Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode IRIL Low/High band dB SPL	HFA 1.6 kHz 1.0 mA 150 h 19 dB 1.0% 0.5% 0.5% 40/40	Current Drain at RTG Typical Battery Life Equivalent Input Noise at RTG Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode IRIL Low/High band dB SPL	1.1 mA 135 h 19 dB 1.5% 1.5% 0.5% 47/45



— Element 16 Moxi

— Element 16 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.

