

Element™ 8 Moxi™ Canal Receiver Technology

AutoMic

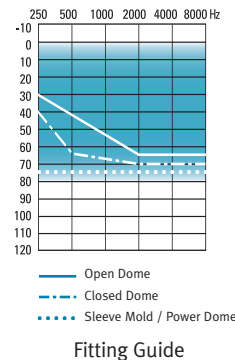
8 Channels, 8 Bands, Adaptive Directionality

HEARING AID FEATURES

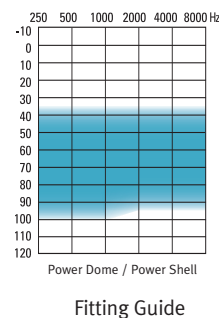
- AutoMic™ automatically switches between omni and directional mode within a single program. The fitter has the choice of setting the directional microphone to fixed or adaptive
- 3 additional manual programs provide maximum customization for individual needs and preferences
- Adaptive directional microphone 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 8 bands
- Speech enhancement analyzes the input signal and automatically emphasizes speech signals independently in each of the 8 bands
- 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
- 8 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™ 8 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



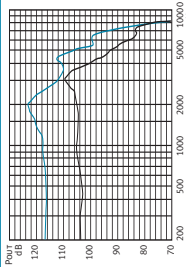
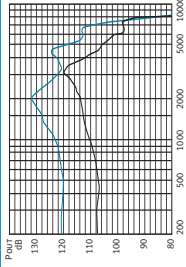
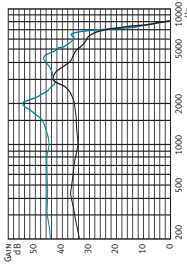
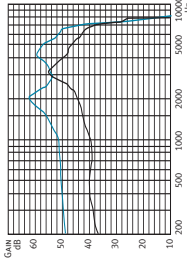
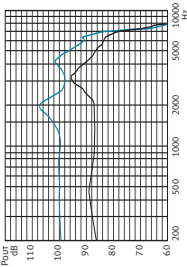
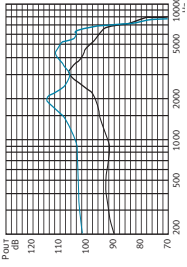
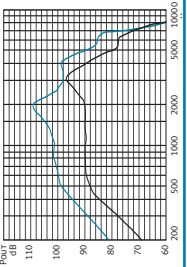
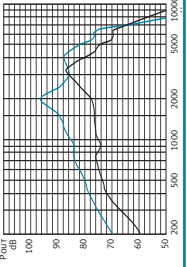
109/44
Element 8 Moxi



123/55
Element 8 Moxi Power

Element™ 8 Moxi™ is suitable for fitting mild to severe hearing losses; can fit audiogram configurations ranging from reverse to precipitously sloping.

Element 8 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 8 Moxi (XS Receiver) HFA 2.5 kHz	Reference Test Frequency IEC 118-0	Element 8 Moxi (XP Receiver) 1.6 kHz
OSPL90 Maximum HFA at RTF	117 dB 102 dB 105 dB		
Full on Gain (Input 50 dB) Maximum HFA at RTF	44 dB 36 dB 35 dB		
Basic Frequency Response Frequency Range (Hz) Reference Test Gain (ANSI 1996)	200-7350 28 dB		
Induction Coil Sensitivity (ANSI 1996, 3±.6 mA/m) HFA SPLITS STS	90 dB 2 dB		
Current Drain at RTG	1.0 mA	Element 8 Moxi Power	
Typical Battery Life	150 h	Current Drain at RTG: 1.0 mA	
Equivalent Input Noise at RTG	19 dB	Typical Battery Life: 150 h	
Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz	1.0% 0.5% 0.5%	Equivalent Input Noise at RTG: 19 dB	
EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode IRL Low/High band dB SPL	40/40	Total Harmonic Distortion: at 500 Hz: 1.0% at 800 Hz: 1.0% at 1600 Hz: 0.5%	
		EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode IRL Low/High band dB SPL: 40/40	

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.

