

Element™ 16 Moda™ 10A BTE

AutoPro2™

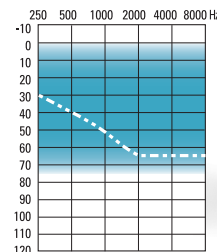
16 Channels, 16 Bands, Adaptive Directionality

HEARING AID FEATURES

- AutoPro2™ intelligently analyzes the input signal and quickly adapts to 1 of 2 distinct destinations. Within each destination, the adaptive features can be customized for optimal listening and comfort.
- 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 and applies the required counter signal for feedback cancellation
- 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
- 3 additional manual programs provide customization for individual needs and preferences
- Data logging accurately records the wearer's usage, volume control changes and manual program use
- Low battery warning
- Start up delay
- On/Off by opening or closing the battery door
- Element 16 can be programmed using NOAH-compatible U:fit™ and Standalone U:fit fitting software
- Battery Size: 13

OPTIONS

- Slim tube coupling for instant open fittings
- Filtered earhook
- Choice of shell colors
- Easy-t provides automatic switching to a dedicated telephone program



----- Slim Tube
Fitting Guide



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Element 16 Moda

Element 16 Moda is suitable for fitting mild to moderately severe hearing losses and can fit audiogram configurations ranging from reverse to precipitously sloping.

Element 16 Moda 10A BTE

| 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 Moda Slim Tube (optional) HFA 2.5 kHz | Element 16 Moda Unfiltered Earhook (standard) HFA 1.6 kHz | Element 16 Moda Unfiltered Earhook (standard) |
| OSPL90 Maximum HFA at RTF | 117 dB 102 dB 105 dB | HFA 1.6 kHz 125 dB 117 dB 117 dB | Reference Test Frequency IEC 118-0 2.5 kHz OSPL90 Maximum at RTF 123 dB 116 dB |
| Full on Gain (input 50 dB) Maximum HFA at RTF | 43 dB 31 dB 31 dB | 47 dB 43 dB 42 dB | Full on Gain (input 50 dB) Maximum at RTF 48 dB 42 dB |
| Basic Frequency Response Frequency Range (Hz) Reference Test Gain (ANSI 1996) | 100-5600 25 dB | 230-6200 40 dB | Basic Frequency Response Frequency Range in Hz (DIN) Reference Test Gain 270-5600 35 dB |
| Induction Coil Sensitivity (ANSI 1996, 3±.6 mA/m) HFA SPLITS STS | 86 dB 1 dB | 101 dB 1 dB | Induction Coil Sensitivity (1 mA/m) Maximum at RTF 76 dB 70 dB |
| Current Drain at RTG | 1.1 mA | 1.1 mA | Current Drain at RTG 1.1 mA |
| Typical Battery Life | 80 h | 80 h | Typical Battery Life 80 h |
| Equivalent Input Noise at RTG | 23 dB | 15 dB | Equivalent Input Noise at RTG 20 dB |
| Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz | 2% 1% 1% | 1% 1% 1% | Total Harmonic Distortion at 500 Hz at 800 Hz at 1600 Hz 2% 1% 1% |
| EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode IRL Low/High band dB SPL | 38/43 | 38/43 | EMC immunity by IEC 118-13, Field Strength 75/50 V/m, Omni mode IRL Low/High band dB SPL 38/43 |

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

