THE NEW DYNAMICS OF HEARING

Real-life environments can be very dynamic, making it difficult for a traditional system to accurately adapt to listening situations. Today’s environment classification systems use arbitrary limits to determine the amplification when a specific environment is detected. The resulting amplification decisions are made based on information that has already elapsed. A system that stays in sync with the changes in the environment is the ideal solution. That solution is Bernafon’s Dynamic Environment Control System™ or DECS™.

DECS™ marks a quantum leap from adaptive to dynamic hearing aid behavior. Bernafon’s proprietary technology is based on a continuous analysis of the acoustic sound scene resulting in seamless response to active and fast-changing environments.
FEATURES AT A GLANCE

**DECS™ Dynamic Speech Processing™ (DSP™)**
- **ChannelPew™**, **Speech Cue Priority™**
- DSP™ is the signal processing component of DECS™. It combines ChannelPew™ with DAC™ and incorporates Speech Cue Priority™. With DSP™, clients receive continuously corrected output to keep up with dynamic environments.

**DECS™ Dynamic Amplification Control™ (DAC™)**
- **SpeedControl Preference**
- **ChannelPew™**
- **Speech Cue Priority™**
- **Frequency Composition™**
- **Frequency Bandwidth™/RfId**
- **Fitting Balance**
- Adjusts the gain 20,000 times per second over the entire frequency range and amplifies each phoneme individually. The result is a clear and natural sound as well as optimized speech comprehension.

**BTE COLOR OPTIONS**

**ZERENA** miniRITE, miniRITE T, BTE (105 (miniRITE shown below))

**SAPHIRA** PR, NR, N, CP, CPx, P (Pico RITE shown below)

**NEVARA** PR, NR, N, CPx, P (Pico RITE shown below)

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*For information as compatibility, please visit www.bernafon.com/products/accessories.*