

# Nexear

## Why wait?

## 500NR

Hear it all again.

### Nexear™ 500NR

Noise Reduction & Adaptive Feedback Cancellation

- Improved hearing
- Latest digital technology
- Custom fit with self-fitting tips
- Affordable solution



Components shown 4X actual size.



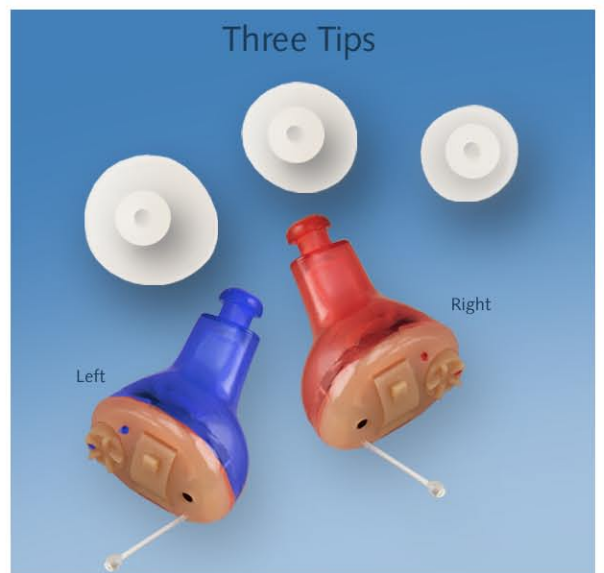
microphone



circuit



receiver



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## ADDITIONAL FEATURES

### NR Noise Reduction

Reduces noise when no speech is present  
Low speech quality is maximized by automatically reducing distracting background noise  
Recognizes tonal inputs and adjusts so music is not distorted  
Up to **22 dB** of added stable gain

### DSP 100% Digital Signal Processing

### AFC Adaptive Feedback Cancellation

Automatically reduces feedback (whistling) without lowering amplification  
Improves telephone use

### 4 Channel WDRC - Wide Dynamic Range Compression

Softer sounds are amplified more than louder sounds  
Detects and instantly reduces loud sounds, returns to normal listening very fast

### Custom Fit

Left Ear and Right Ear designed ITC shells  
Three tip sizes to comfortably fit a wide range of ear canal dimensions  
Tips help prevent earwax from blocking the receiver port  
Tips are manufactured from a pliable, silicone elastomer evaluated to be biologically & toxicologically safe

### Self Maintained

- Designed for the Right Ear - red shell
- Designed for the Left Ear - blue shell
- Volume control - on/off indicator
- Conveniently insert & remove as desired
- Suitable for a range of mild to moderately severe hearing loss
- Replaceable size 10A batteries

### Technical Data Nexear™ Hearing Aids

Nexear™ hearing aids meet or exceed standards for Specifications of Hearing Aid Characteristics set by the American National Standards Institute (ANSI). Test findings have confirmed that the circuitries in Nexear™ hearing aids are designed to accommodate individuals with mild to moderately severe hearing loss, amplifying sound effectively within the critical speech range.

### Warranty/Trial Period

All Nexear™ hearing aids are warranted against defects in material and workmanship. An unconditional trial period is provided. See owner's manual.

*See technical specifications for further information.*

# Nexear

EarCon Technologies, Inc.