

**ELECTRONIC HEARING PROTECTION**



**WORLDWIDE DISTRIBUTION**

**Innovation Design Practicality Excellence**



# Product Guide for Electronic Hearing Protection

## HOW TO ORDER

1. **Tradeshows.** Visit with an E.A.R., Inc. staff member at a tradeshow or sporting event.
2. **Email or call us to find a local provider** in your area who can assist you directly.
3. **Visit our online store** for available products and locations.

For more information, please contact our office at (303) 447-2619, or call toll free at (800) 525-2690.

For complete product information, see our website.

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[www.earinc.com](http://www.earinc.com)

[www.freehearingtest.com](http://www.freehearingtest.com)

[www.nyxsportsglasses.com](http://www.nyxsportsglasses.com)



**E.A.R. Inc. is pleased to present our new Product Guide for Electronic Hearing Protection and Enhancement.**

With over 35 years of experience, we have again accessed the highest levels of research and creativity to bring to you state-of-the-art technology.

E.A.R., Inc. developed one of the first lines of electronic hearing protection and enhancement systems over two decades ago. From these early beginnings we gained a reputation in providing quality products to outdoor enthusiasts looking for the ability to hear without losing protection against surrounding louder noise levels.

In today's market we offer styles and choices to fit all budgets, applications and user requirements. These include

several off-the-shelf, ready to use items as well as custom fit versions. Many of our off-the-shelf items can be "customized" to provide a better fit and comfort value to the user if desired.

With continued success we have built our products with the best available technology and software programming to achieve the highest quality of reproduced sound that addresses situations of hearing loss and sound recognition in the field. This includes features such as reduced feedback, low battery indication, gain and tone manipulation, multiple programs and the ability to adjust several units according to the wearer's individual hearing loss. The result: finely tuned units the user will enjoy year after year.

Come see what E.A.R., Inc. has to offer you.

**E.A.R. Hearing Protection and Hearing Enhancement products are ideal in many environments, such as . . .**



Hunting



Shooting



Bow Hunting



Law Enforcement



Dentistry



Aviation



Industrial



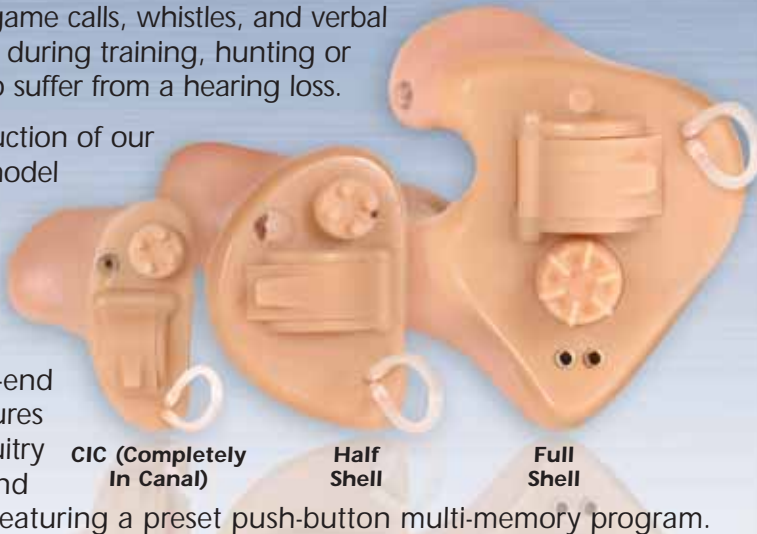
Military

**See [www.earinc.com](http://www.earinc.com) for complete information on styles, models, options & circuitry.**

## Custom-Fit Digital Series

With advancements provided by the hearing aid industry, the E.A.R., Inc. Digital Series has become a recognized advantage to people seeking the best in performance, sound clarity and sound enhancement. Especially for those who use game calls, whistles, and verbal communications during training, hunting or working, or who suffer from a hearing loss.

Since the introduction of our original digital model several years ago, we have expanded our line to include three additional models – a low-end unit which features basic digital circuitry and two high-end units with one featuring a preset push-button multi-memory program.



CIC (Completely In Canal)

Half Shell

Full Shell

Digital technology gave the user the ability to hear things in a natural state, or "CD" quality of sound without the distractions or distortions commonly heard within analog units known as "acoustic confusion," or "background noise." This recognition between speech patterns and general noises gives digital circuitry superior sound and enhancement properties.

**E.A.R. Digital Advantage.** This unit is the basic backbone of digital technology with basic bandwidth circuitry, featuring two manual adjustment potentiometers that allow the user to control the base and treble tones and set them according to their own preference. This unit is an excellent low-end digital choice for general shooting/hunting activities.

**E.A.R. Digital Basic.** This unit features an increase to fidelity for slightly hard of hearing individuals, those using game calls and those needing to understand speech and environmental sounds. It has basic digital technology and is an excellent unit active individuals who also maybe slightly hard-of-hearing.

**E.A.R. Digital Plus.** Featuring an increased bandwidth for better clarity through the entire frequency range. Due to its higher sound enhancements and digital clarity, it is an excellent unit for the hard-of-hearing and for shooters like waterfowl hunters who use calls, and where verbal communications must be understood and possibly required.

**E.A.R. Digital Multi-Memory.** This digital unit features three pre-set memories quickly adjustable by a small push button on the faceplate of the earpiece. One memory is designed to reproduce sounds with natural clarity. The second memory reduces background sounds such as wind, rain or other environmental noise. The third memory is a mute mode. This unit is also designed with the Digital Plus circuitry for hard-of-hearing considerations and will be good for or those seeking additional sound features without adjusting the volume control.

**Faceplate colors.** See page 7.



Tone Adjustments (Advantage Only)



Volume Control



Audio Input



Select-A-Vent



Serial Number

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## SHS Series



**Windscreen**



**Volume control**



**Potentiometers**



**MTO Switch  
(Private Ear™ Option)**



**Serial Number**



Our SHS Electronic Standard Earplug are fantastic units for archery hunters, shooters and nature enthusiasts who want the advantage of hearing the game before actually seeing it. They were developed to be a less expensive, but highly effective alternative product to our Custom and In-the-Canal Electronic Series.

Additional features found on our advanced units include Adjustable Tone Controls (ATC), manual and automatic telecoil for use with our Private Ear two-way radio wireless communications.

**SHS I Basic.** The best option for hearing protection and enhancement in an economic package. It does not feature any ATC potentiometers or manual telecoil for wireless communication ability.

**SHS II Intermediate.** Features two potentiometers to reduce low frequency amplifications and to adjust output range variation. Widely used by enthusiasts looking for quality sound enhancements without significant expense. Includes manual telecoil for wireless communications.

**SHS III Intermediate Advanced.** All of the features of the SHS II Intermediate plus an automatic telecoil for wireless communications instead of manual to enable the unit to receive transmissions from a radio/cell-phone as well as outside enhancement sounds.

**SHS III Automatic.** Features three potentiometers to adjust low frequency amplifications, compression sensitivity and maximum output. An excellent unit for individuals with moderate hearing loss. This unit also has a manual telecoil for wireless communication ability.

**SHS IV Digital.** Features the best possible sound quality. Considered to be the "top of the line" in SHS hearing enhancement systems as it can be programmed with certified audiogram for the hard of hearing user. This unit also has a manual telecoil for wireless communication ability.

**SHS Waterproof Hunter.** The newest member of our electronic earplug line, it picks up game sounds extremely well and is a favorite of our fowl weather enthusiasts due to its patented waterproof design which protects it from moisture damage. It also features a manual telecoil for wireless communication ability and one potentiometer for tone adjustments.

**Faceplate colors.** See page 7.

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# MiniCanal Series

In response to growing interest in electronic hearing protection, E.A.R. developed this line of small, discreet earplugs that fit comfortably into the ear canal with the use of various-sized patented wax-guard tips, offering the user the benefit of electronic amplification and protection at a non-custom-fit price. It also allows the user to share these units with another person by simply replacing the wax-guard tips. This feature helps law enforcement, instructors, military personnel and shooting enthusiasts assign these units to other people without issues of fitting.



Regardless of the design, the unit permits each client to position a high quality electronic hearing protection device into the ear where it is not conspicuous, nor in the way of glasses, outer headwear, or long hair. This design is the preferred choice over behind the ear models which can be more difficult to use in active sports or professional activities.

**Analog MiniCanal™ Series.** Features a small tone control adjustment to further help individuals needing extra compensation in their higher frequencies. These units are very reliable and provide users with a convenient off-the-shelf product they will enjoy for several reasons.

**Digital MiniCanal™ Series** presents the best in clarity, ambient noise suppression and sound enhancement. This characteristic alone is important to individuals who have a known hearing loss or are looking for zero percent distortion in game calls and verbal communications while in the field. Digital technology is considered the new foundation in electronic enhancements with better quality in sound specifics and will continue to be a foundation for many future designs.

The Digital MiniCanal™ can also be programmed to assist with an individual's hearing loss. This benefit will increase the enjoyment of the unit and specifically match the circuit board to the individual hearing loss.

**Digital Plus MiniCanal™.** A new design created to further the digital capability with our unique software programming. Highly recommended for individuals with a noticeable hearing loss who need the additional adjustments we can provide with a submitted certified hearing evaluation.



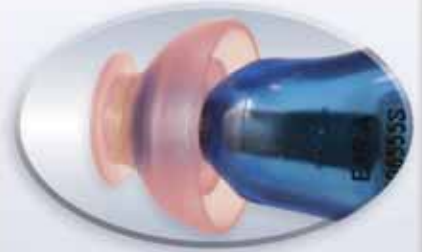
**Discreet Size**



**Volume Control**



**Tone Adjustment  
(Analog Only)**



**Removable Tips**



**Serial Number**

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# Open E.A.R.™



**Multi-Memory Switch**



**Volume Control**



**Open Tip**



**Closed Tip**



**Serial Number**



**The Problem:** Traditionally, the major problems with high end hearing aids and electronic hearing protection systems have been occlusion (that “stuffed up” feeling that results from the ear canal being totally filled) and feedback or whistling sounds.

**The Solution:** The newest alternative on the market is “Open Ear Technology.” It is rapidly replacing traditional fittings (custom earmolds) worldwide throughout the hearing aid industry. This technology provides a more natural perception of one's own voice in addition to the elimination of feedback. Of particular importance is the fact that OPEN EAR has dramatically answered the wishes of people who suffer from mild or moderate high frequency hearing loss.

## What makes the Open EAR™ so special?

- 100% DIGITAL.
- Designed to accommodate high frequency hearing loss.
- Programmable to the individual's hearing acuity with an audiogram from a board-certified, licensed provider.
- Multifunctional use. Use it like a hearing aid or change the tips and use it for loud sounds like gunshots. (Note: In this case, superior sound quality remains, but most clients will experience some degree of occlusion due to the unopen ear tips required to reduce loud sounds.)
- Multi-Memory. Can be programmed to handle different listening situations.
- Easy to use. Memory can be changed by simply pressing a button.
- Moisture-resistant casing. Moisture causes most hearing instrument failures.
- No need for custom ear impressions.
- Extremely small. The Open E.A.R.™ does not require large tubing to support the receiver in the ear. Does not interfere with hair, hat or glasses.
- OPEN E.A.R.™ can be reprogrammed with proprietary software should the user's hearing requirements change.
- Included: 2 Digital Open E.A.R.™ units, 2 sets each open and closed tips, batteries, cleaning tool, instructions, clamshell carrying case.



**Electric Blue**

**Canyon Red**

**Vanity Pink**

**Sunburst Yellow**



**Morning Fog Gray**

**Penny Bronze**

**Aspen White**

**Mocha Brown**

**Salt and Pepper**

**Carbon Fiber**

**American Flag**

**Tiger Eye**

**Camouflage**

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## Optional Features

**Private Ears™.** E.A.R., Inc., has developed a unique wireless system known as Private Ears™ that brings communications from a two-way radio or cell-phone straight to the ear via an induction loop system. This feature enables the user to camouflage radio commands and instructions by receiving communications without any wires to the ear. When used with an electronic enhanced earpiece, the user will receive both outside environmental sound as well as radio/cell-phone traffic.



1-Wire  
Surveillance System



2-Wire  
Surveillance System



3-Wire  
Surveillance System

With a wireless induction loop and a receiving earpiece, you can completely camouflage your communications.

The Private Ears™ option is available in all of our custom™ units and already built into many of our SHS units. Our Micro unit will feature receive-only ability. For available induction loop systems please see our tactical surveillance system product line at our website.

**Music Monitors.** The Audio Input option gives users the ability to use their electronic earpiece as a music monitor. This feature is completely independent from the electronic enhancement aspect of the earpiece and will not rely on a battery to power it.

The 4' audio cord is detachable and has a standard 3.5mm stereo jack that will fit all stereo devices.

**Select-a-Vent System.** Select-a-Vent technology is ideal for users who also participate in non-impact situations such as archery, bird watching and general communications. This feature will reduce the overall occlusion effect of a completely solid earplug and allow the ear canal to breathe.

For those who select this option and still wish to have the option of using their electronic earpieces within high impact noise areas, the vent hole can be closed with supplied plugs. This will create a solid earpiece again and protect from high noise activities.

**Faceplate Colors** shown below are available for custom units only.

**Shell Colors** shown below are available for SHS Series units. The SHS Hunter is available only in mixed Black/Tan.



### Custom Faceplate Colors



Light Tan

Hunter Tan

Dark Tan

Brown

### SHS Shell Colors



Beige

Brown

Black

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