



ER 15/25 FILTERED EARPLUGS

Many people with subtle brain injuries have deficits in selective auditory attention, the injuries result in difficulty filtering out background noise. Hyperacusis (super-sensitivity to sound) may be experienced also. In a percentage of this population, problems are severe and the ability to function at work can be remarkably compromised.

Individuals may experience:

- Decreased attention span
- Increased fatigue
- Increased irritability
- A tendency to isolate

Initially, every attempt is made to help clients learn to regain attentional control and/or minimize exposure to noisy environments. If these approaches are unsuccessful, conventional earplugs may be recommended to block out the noise. The drawback to conventional earplugs is that they block out noise unevenly; they decrease high frequency speech sounds more than necessary and make conversation difficult to hear. This is unacceptable in most communication situations.

The problem has been solved by the ER 15/25 system. These highly specialized, custom-made or stock earplugs filter noise and fit comfortably in the ears. They attenuate (decrease) background noise while allowing the person to hear speech and sounds in the environment, which would alert them to danger.

Client's response has been exceptionally favorable. Reports include:

- Improved productivity
- Stress reduction
- Increased energy
- Improved patience
- A sense of calm

An evaluation and fitting for the ER 15/25 System includes

- Otoscopic (external ear canal) inspection
- Hearing evaluation
- Earmold impressions
- One set of Earmolds
- One or more sets of filters to meet the needs in different environments
- Optional: One set of solid sound earplugs for maximum noise reduction and sleep
- Fitting and instruction for use and care of filters and Earmolds
- 90 day remake/modification warranty
- 1-year material defect warranty



ABOUT FILTERED EARPLUGS...

WHEN TO WEAR THEM:

The filtered earplugs are designed to reduce background noise and allow speech to be heard. They may be helpful in these situations: home, car, restaurant, grocery store, office, school, party, concert, sporting events and around children.

The ER16 filters block *less* noise. The ER25dB filters block *more* noise. Try them in different situations to decide when and where they are most helpful.

Do not wear both 25dB filters while driving or walking outside because they may obscure alerting sounds you need to hear, such as traffic or sirens.

If you think an environment you are about to enter MAY be too noisy, put your earplugs in BEFORE you go in because once your nervous system is over stimulated it may be more difficult to recover.

Sleeping with these earplugs may be uncomfortable due to the hard plastic filter. There is another type of custom earplug available for sleeping if needed.

HOW TO WEAR THEM:

CUSTOM: The clear removal handle is at or near the bottom of the plug. The plugs are labeled with a red "R" for right and a blue "L" for left.

NON CUSTOM: The removal flange is located at the top of the plug. They may be placed in either ear.

If you feel pressure in your ear after inserting a plug, pull down on your earlobe to release pressure or wiggle the plug to adjust it.

The plugs may feel tight at first. Your ear canals will adjust to them and after several days, they will feel more comfortable. If a plug becomes more uncomfortable the longer it is worn, it may not be in the ear canal correctly, or in the case of a custom plug may require modification (in this case contact our office). When using a non-custom plug start by using the larger size and go to the smaller size if needed.

Your own voice may sound hollow or muffled to you at first, but as your ears and brain become accustomed to the plugs, the less you will notice the sound of your voice.

HOW TO CARE FOR THEM:

Do not get the filter screen wet or dirty. The plugs can be cleaned with a damp cloth. They can also be washed in warm, soapy water. Remove the filters BEFORE washing the plugs and be sure they are completely dry before reinserting them.

Put the plugs in their case as soon as you remove them to minimize the change of loss. Place your contact information in the case to maximize the chance of return.

WARRANTY:

90 days for modification or remake and one year for defects in materials.

There is NO WARRANTY FOR LOSS.

RANKIN CLINICAL AUDIOLOGY
4600 HALE PARKWAY #450 - DENVER, CO 80220 - (303)698-7378