

ACS ER25 Hearing Protector

Product Strapline

For amplified musicians and drummers working in the most demanding sound environments

Short Description

The strongest filter in the ER range, the ER25 provides a safe environment for those working at festival sound levels or up close with drums. Despite its strong-arm capability the ER25 provides perfectly tuned attenuation. With a legacy of the highest fidelity protection for musicians worldwide the ER Series has a reputation for accuracy and the ER25 is no exception. Tailor made and custom fitted, the ER25 lets you hear exactly what you need to during your performance with a steadfast seal that can flex with your ear canal so you get complete comfort to perform for as long as you need to with no risk of the earplug moving or causing any fatigue to your ear.

SRP £164.50

Part Code ER25

Rev. Date 03/10

Full Description

Love your music..... Love your hearing

Everyone at ACS understands their responsibility in safeguarding your most precious sense of hearing. It's a responsibility that we take very seriously and we take great pride in the knowledge that, over the years, our innovative hearing conservation products have helped many thousands of musicians to protect and safeguard their most important instrument.

Selective hearing...Not necessarily a bad thing

Protecting your hearing isn't just about blocking out sound. If you're performing or listening to music, what isn't blocked out is equally important. Our level attenuating hearing protectors let you hear all of the detail, character and atmosphere of the music in a safer, quieter way. The ER25 gives an average 25dB reduction making it ideal for use in heavily amplified environments such as festivals or large arenas and is our recommended filter for drummers giving a flat response protection against even the most powerful of amplified performance sound levels.

What does 'level attenuating' mean?

Conventional hearing protectors attenuate (reduce), outside sound levels, but their problem is they can't reduce the levels equally and cut out more high frequency sounds than they do low frequency sounds. This means that everything sounds muffled and distorted. That's OK if you're operating a chain saw, but if you want to play or listen to live music, you need to hear everything in balance.

Our custom made ER25 level attenuating hearing protectors reduce all sounds equally, so it's just like turning down the volume without sacrificing any of the definition of what you want and need to hear. ACS ER25 custom-fit hearing protectors have been independently tested by BSI (British Standards Institute) for accuracy.

Each pair of ERs is tuned to work perfectly with your ears and are tested using specialist equipment to ensure they deliver the most uncompromising results before they leave our lab. They're made to measure, so provide unparalleled comfort, allowing you to wear them for hours at a time and our soft silicone construction means they move as you do to make them as unnoticeable as possible.

A lifetime of pleasure from your music

Whether you're a performing musician, DJ, sound engineer or simply someone that loves listening to music in all its forms, you'll appreciate just how important your hearing is to your quality of life. It's well documented that continued exposure to high sound levels can irreparably harm your hearing, but by the time you've realised there's a problem you won't be able to fix it. In the worst scenario, it can take just a moments indulgence to take away a lifetime of pleasure from your music.

After loud sound exposure, it's quite likely that you've experienced ringing in your ears, or a dulled sense of hearing (or both). This is nature's way of letting you know that you've overdosed on sound. There's no need to run the risk of permanent hearing damage though. Not only will our custom protection products safeguard your hearing, they will significantly enhance your listening experiences. When it comes to noise, we believe that less is more!

ACS ER25 Hearing Protector

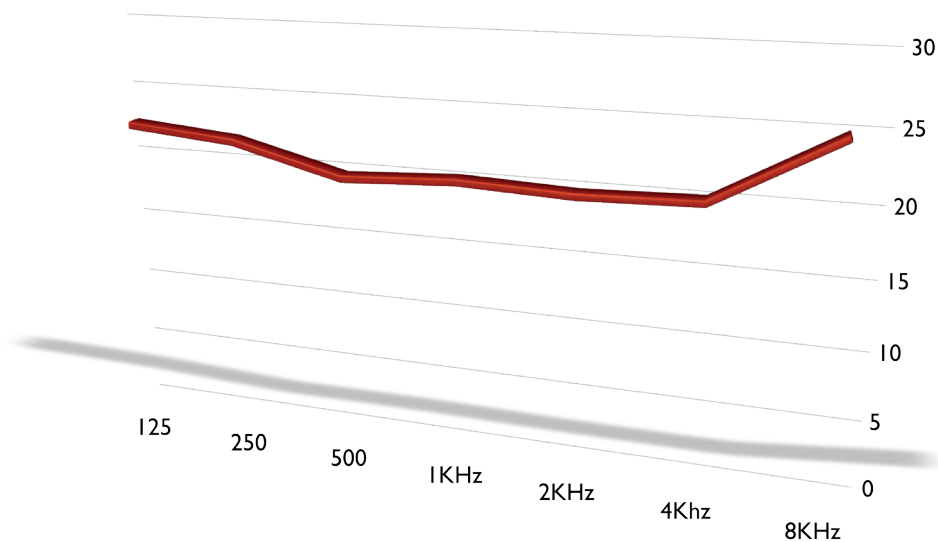
Technical Specification

SNR (Single Number Rating)	22dB
High Spectrum Average Attenuation	21dB
Mid Spectrum Average Attenuation	20dB
Low Spectrum Average Attenuation	21dB
Weight	4g Net 84g Gross Average weight will vary according to ear size
Build Material	40 Shore Medical Grade Silicone
Mould Type	Canal Mould
Standard Colour	Clear
Included Accessories	Instruction Leaflet, Wax Pick, Comfort Cream, Carry Pouch
Optional Accessories	None
Package Dimensions	170mm x 125mm x 28mm
Warranty Period	1 Year against manufacturing and component failure
Attenuation Determined By	BSI Product Services (0086), Maylands Avenue Hemel Hempstead, Herts, HP2 4SQ

Build options

Colour (Clear Default) - SRP £10	The ER25 can be produced in any colour from our current colour chart
Laser Etching (None Default) - SRP £10	The ER25 can be laser etched up to 10 characters
Connection Cord - SRP £10	The ER25 may be fitted with a connection cord for security

Attenuation



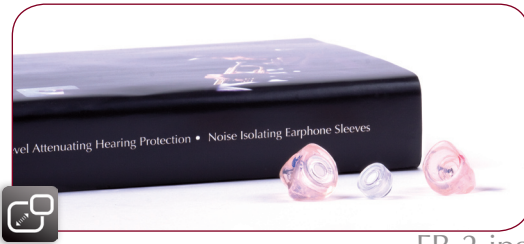
Mean Attenuation (M in dB)	26.25	25.47	23.13	22.50	23.44	22.81	29.69
Standard Deviation (S)	3.98	3.44	3.10	2.04	3.28	2.39	4.55
Assumed Protection (APV in dB)	22.27	22.03	20.03	20.46	20.16	20.42	25.13
SNR (dB) 22.34	L(dB) 20.80		M(dB) 20.39		H(dB) 20.67		

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Image Library



ER-1.jpg



ER-2.jpg



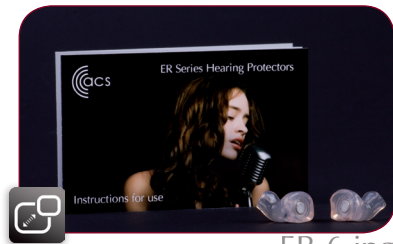
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ER-4.jpg



ER-5.jpg



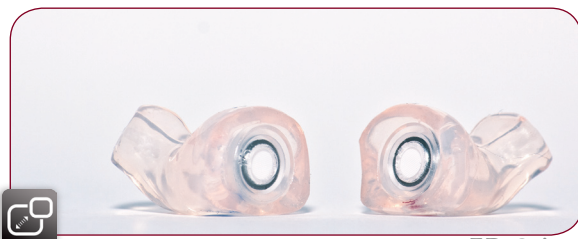
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ER-7.jpg



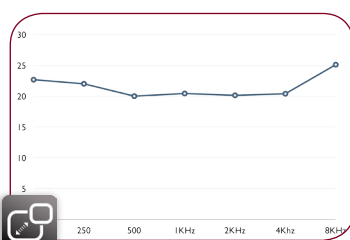
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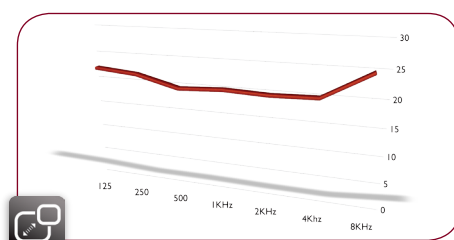
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ER-10.jpg



ER25Graph2D.jpg



ER25Graph3D.jpg