

ACS ER20 Universal Fit Hearing Protector

Product Strapline

Universal fit high-fidelity hearing protection for musicians and music lovers

Short Description

Protecting your hearing and enjoying your music needn't be the preserve of those with a budget for custom-fit earpieces. The ER20 provides a cost effective and ready to use solution for gig-goers and performing musicians alike to protect you from long term hearing damage as well as a 'sonic hangover'. The ER20 provides level attenuation across the frequency spectrum so you can hear all the detail and flavour of your music but at a lower, safer volume knocking off an average of 18dB. The flanged silicone tip provides a great seal for a range of ear sizes and is a snap to fit and remove so you can be protected straight from the box.

SRP £13.99

Part Code ER20

Rev. Date 07/10

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 and music lovers 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 ER20 gives an average 18dB reduction making it ideal for use in amplified environments, whether you're playing or listening the ER20 lets you enjoy the show in safety and comfort.

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 universal fit ER20 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 ER20 universal fit hearing protectors have been independently tested by CIOP-PIB for accuracy.

The ER20 is one of the most widely used musicians earplugs available giving a simple, easy to use and cost effective solution that can be used straight from the pack. Using the included keyring pouch the ER20 is always at hand so you can be protected when you need it most wherever you're exposed to loud noise.

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.

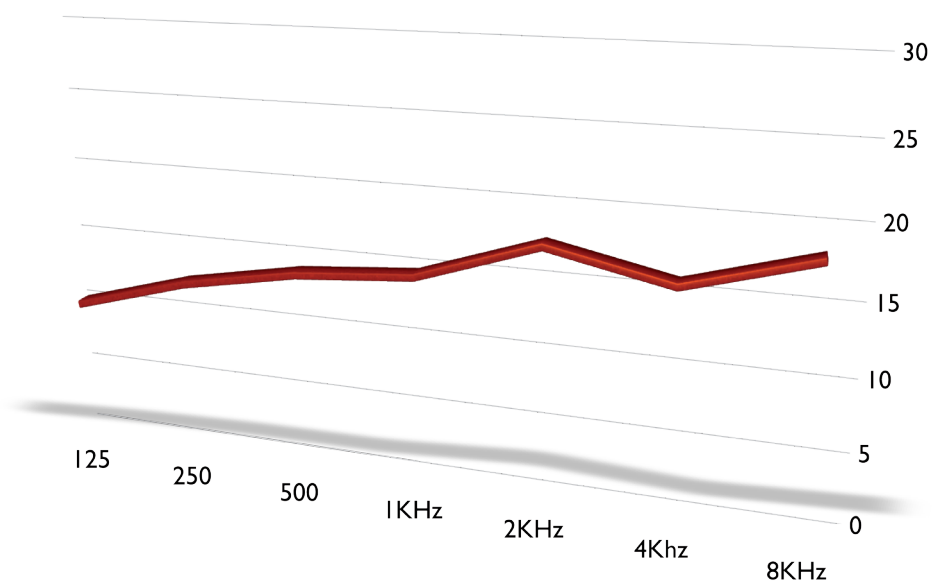
After loud sound exposure, it's quite likely that you've experienced ringing in your ears, or a dulled sense of hearing (or both). This is nature's way of letting you know that you've overdosed on sound. There's no need to run the risk of permanent hearing damage though. Not only will our protection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

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Technical Specification

SNR (Single Number Rating)	18dB
High Spectrum Average Attenuation	17dB
Mid Spectrum Average Attenuation	16dB
Low Spectrum Average Attenuation	14dB
Weight	2g Net 36g Gross
Build Material	Silicone tip with plastic body
Mould Type	Universal fit
Standard Colour	White tip (smaller frost tip variant available)
Included Accessories	Instruction Leaflet, Carry Case, Neck Cord
Optional Accessories	None
Package Dimensions	162mm x 111mm x 25mm
Warranty Period	1 Year against manufacturing and component failure
Attenuation Determined By	CIOP-PIB, No 1437, Warsaw, Poland

Attenuation



Mean Attenuation (M in dB)	13.2	15.3	16.7	18.3	20.8	18.3	21.6
Standard Deviation (S)	2.5	2.3	2.2	3.1	2.8	2.0	2.9
Assumed Protection (APV in dB)	10.7	13.0	14.5	15.2	18.0	16.3	18.7
SNR (dB) 18	L(dB) 14		M(dB) 16		H(dB) 17		