

OSHA Compliant Accessories

Impact Radio Accessories is proud to offer the IMPACT dB Buster™ elbow filter or ambient noise blocking ear buds, as an option on all standard coil and straight acoustic tube products to meet OSHA 8 hour shift standards by lowering the maximum audio output to below 90dB.

You can now order your surveillance kits fitted with this fantastic technology or purchase them separately to easily install on any IMPACT™ or other brand acoustic tube audio accessory.

DBLBO



IMPACT dB Buster™ Elbow Filters protect your hearing using the laws of physics!

DBEP



By converting any loud noise to a safe sound level of 80-85 dB, IMPACT dB Busters™ provide smart hearing protection, with no electronics and no moving parts that can fail. These exceptional elbow filters block dangerous high dB sound transmitted through your radio ear piece, while still allowing you to hear safe sounds and normal level radio transmissions.

The dB Buster™ ear plugs are the perfect choice when also wanting to block high levels of ambient noise and still clearly and safely hear your radio transmission, making them ideal for shooting, construction, industrial applications, and loud music venues.

IMPACT dB Buster™ ear plugs and elbow filters use the accelerated resonant decay principle to convert sonic energy into thermal energy by means of compression acceleration. In plain English, this means dB Busters™ bounce part of the dangerous incoming noise back out of your ear, and that piece of sound partially cancels out the incoming noise, reducing it to a safe volume level. The louder the dangerous noise, the more of it that gets automatically cancelled out. As a result, no sound over approximately 85 decibels is allowed to pass through the filter into your ear!

The dB Buster™ elbow filters replace the standard elbow supplied on all acoustic tubes and the stock ear bud, moulded ear insert or noise attenuating ear plugs (NAP) are easily reattached for use.