Instant Risk of Hearing Damage

Anything Above 140 dB Can Cause Instant Hearing Damage

DAILY EXPOSURE BEFORE HEARING DAMAGE OCCURS

Unsuppressed Rifle + Muzzle Brake
185 dB
180 dB
170 dB
165 dB
145 dB
140 dB
Instant Risk of Hearing Damage
0.8789 Seconds
9 Seconds Pain Threshold Begins
28 Seconds
1 Minute 29 Seconds
4 Minutes 43 Seconds
15 Minutes
47 Minutes 37 Seconds
8 Hours OSHA Regulations Begin

Assertive Sounds

Common Sounds

Unsuppressed Rifle + Muzzle Brake
185 dB
180 dB
170 dB
165 dB
145 dB
140 dB
Instant Risk of Hearing Damage
0.8789 Seconds
9 Seconds Pain Threshold Begins
28 Seconds
1 Minute 29 Seconds
4 Minutes 43 Seconds
15 Minutes
47 Minutes 37 Seconds
8 Hours OSHA Regulations Begin

Earplugs / Earmuffs: 20 – 35 dB
Suppressors: 20 – 35 dB

American Suppressor Association
AmericanSuppressorAssociation.com
*Additional information on noise levels and exposure limits can be found through CDC, NIOSH, 3M, or UF Studies
Traditional Rifle Suppressor

Threaded rear mount for installing on host rifle

Outer Tube

Internal series of baffles to trap and cool propellant gases

Direction of projectile travel