

EP10 Sonic Defenders® *Ultra Max*



Protection Against Two Types of Noise

Full-block EP10 Sonic Defenders *Ultra Max* provide protection against two types of noise: continuous noise (example: loud roar of an engine) and impulse noise (example: gunshot). They feature memory-foam Comply™ Canal Tips for all-day comfort and a near-custom fit that provides the highest level of hearing protection of any Sonic Defenders earplug.

NOISE ATTENUATION DATA

NOISE REDUCTION RATING (NRR)

EP10 Sonic Defenders *Ultra Max*

ATTENUATION DATA (ANSI STD S3.19-1974)

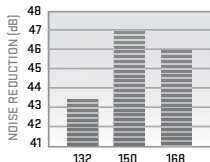
Test Frequencies (Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean Attenuation (dB)	31.1	30.6	38.1	36.9	38.8	40.8	39.3	42.9	45.1	30
Standard Deviation (dB)	5.0	3.8	4.1	3.0	2.1	3.7	3.2	3.3	3.0	

Noise Reduction Rating	30
The average of two individual earplugs (one marked with an R and one marked with an L) is 30 dB.	
A 30 dB NRR rating indicates that the average user can expect to reduce the sound level of an impulse noise by 30 dB.	
For more information, visit www.sufire.com or call 1-800-451-7877.	

WARNING: Improper fit of this device will reduce its effectiveness in attenuating noise. Follow instructions for proper fit. Failure to follow instructions could result in hearing loss and/or injury. EP10 Sonic Defenders *Ultra Max* fit most people; however, no hearing protection fits everyone. If proper fit cannot be achieved following instructions, discontinue use. Foam-tipped EP10s should NOT be worn for swimming. For swimming use, we recommend polymer flange-stemmed Sonic Defenders models.

IMPULSE NOISE DATA

EP10 Impulse Noise Reduction



Average Peak Impulse Level dB Reduction

132 dB Overall Average PIL	43.3
150 dB Overall Average PIL	46.8
168 dB Overall Average PIL	45.9

IMPULSE NOISE LEVEL (dB)

ANSI S12.42-2010

FITTING & TESTING

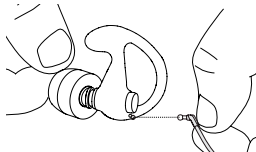


1. Roll Comply™ Canal Tip of right EP10 (marked with an R on the retention ring) into a thin, round cylinder, being careful not to unscrew tip from stem.
2. Starting with the EarLock® retention ring oriented slightly backward, rotate the earplug forward while inserting the foam tip deep into the right ear canal. Fit the retention ring to the natural contour of the concha bowl surrounding the ear canal to lock the earplug in place. Hold in place 15 - 30 seconds while foam tip fully expands in ear canal.
3. Repeat process with left earplug (marked with an L on the retention ring) for left ear.
4. Test by clapping. If no noticeable decrease in volume, reinsert and retest.
5. Slowly twist the earplug when removing to break the stem's seal.

WARNING: If the instructions above are not adhered to, the protection afforded by EP10 Sonic Defenders *Ultra Max* will be severely impaired.

CONNECTING/DISCONNECTING LANYARD

Remove twist tie and uncoil lanyard. Insert lanyard ends into small holes on the outside of EP10 retention rings, located beneath the stem ends, and push in until lanyard ends snap in place. To remove, pull gently on lanyard ends until they disconnect from earplugs.



REPLACING COMPLY™ CANAL TIPS

For optimal performance, the Comply™ Canal Tips used on EP10s should be replaced every 2 - 4 weeks or when soiled. Additional tips can be purchased directly from SureFire. **To replace Comply™ Canal Tips:** 1. Unscrew old tips and discard. 2. Wipe earplug stems clean with a clean, dry rag. 3. Screw on new tips until fully seated and hand tight. DO NOT overtighten, as this may damage the stems. ALWAYS replace both tips at the same time.

CLEANING, STORAGE & PRODUCT LIFE

EP10 Sonic Defenders *Ultra Max* typically last up to 6+ months, depending on usage and care. Clean earpieces with mild soap and water and allow to air dry. Clean foam tips by wiping with a clean cloth and rinsing with water, then air dry. Replace earplugs when they become stiff and hardened. Store in a cool, dry place in the included container. Do not leave in direct sunlight.

SUREFIRE NO-HASSLE PROMISE

We'll do what it takes to keep your SureFire gear running smoothly.

SureFire warrants that if you—our customer—purchase one of our products, and we determine that it is defective in material and/or workmanship, we will repair or replace it for free or refund your money—no hassle! SureFire Hearing Protection products are warranted for 90 days from the date of purchase. Our warranty does not cover consumables, or normal wear-and-tear, or damage resulting from abuse, alterations, unauthorized repairs, or use contrary to SureFire's user manuals. For complete warranty information, visit www.surefire.com/warranty.

FOR EFFECTIVE HEARING PROTECTION AND THE ABILITY TO HEAR AMBIENT SOUNDS AND CONVERSATIONS, TRY FILTERED SONIC DEFENDERS®:

EP3 SONIC DEFENDERS

Filtered, Double-Flanged Earplugs
NRR: 24 dB



All-day comfort with two levels of protection: (1) filter caps out, for the hearing of safe-level ambient sounds and conversations and (2) filter caps in, for maximum protection.

EP4 SONIC DEFENDERS PLUS

Filtered, Triple-Flanged Earplugs
NRR: 24 dB



Two levels of protection, just like EP3s, but with an extra flange to better fit those with larger-diameter ear canals.

EP7 SONIC DEFENDERS ULTRA

Filtered, Foam-Tipped Earplugs
NRR: 28 dB



Noise-reducing filters supply two levels of protection, and soft memory-foam Comply™ Canal Tips provide a comfortable fit with additional protection. Learn more or purchase at www.surefire.com/hearingprotection.

Comply™ is a trademark of Hearing Components, Inc.