



HEARING PROTECTION

ALL-DAY PROTECTION & COMFORT. EVERYDAY APPLICATIONS.



EP8

SONIC DEFENDERS® COBALT

Filtered, Double-Flanged Earplugs with **24 dB NRR**

MADE IN USA



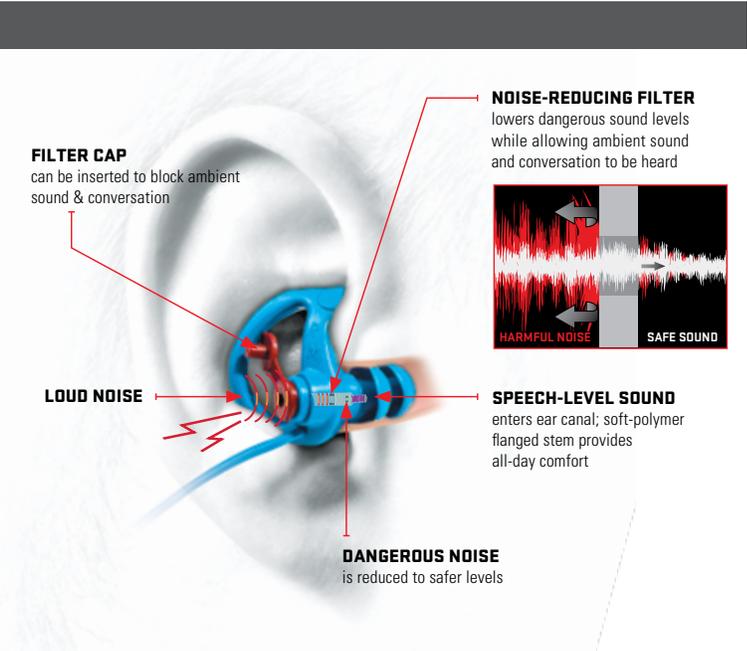
SureFire® EP8 Sonic Defenders® *Cobalt* protect your hearing from dangerous noise levels while allowing you to still hear safe ambient sounds. So you enjoy effective hearing protection while maintaining situational awareness and the ability to hear important conversations or commands. Constructed of a proprietary metal-infused polymer that's detectable by industrial scanners, EP8s are bright blue in color and feature permanently attached lanyards, making them ideal for use in food and pharmaceutical processing and similar industries.

- EP8 SONIC DEFENDERS *COBALT* FEATURES**
- **Two levels of protection with filter caps in or out—the louder the noise, the more the protection**
 - **Patented EarLock® rings provide unparalleled retention**
 - **Double-flanged stem is adjustable for comfort & fit**
 - **Hypoallergenic soft-polymer construction provides all-day comfort & durability**
 - **Metal-infused-polymer construction for detection by industrial scanners; bright blue in color for easy visual detection**

NOISE-REDUCING FILTERS

Filtered Sonic Defenders use established, **non-electronic technology** to reduce dangerous noise while allowing the hearing of safe-level conversations, commands, and ambient sounds.

- 1 Loud, potentially harmful sound waves enter the filter.**
- 2 Sound waves above 85dB hit the ridges inside the filter.**
- 3 These sound waves reflect off the ridges of the narrowing walls and cancel themselves out.**
- 4 Dangerous sound levels are reduced, and safe levels pass through.**
- 5 The louder the sound, the more noise gets canceled.**

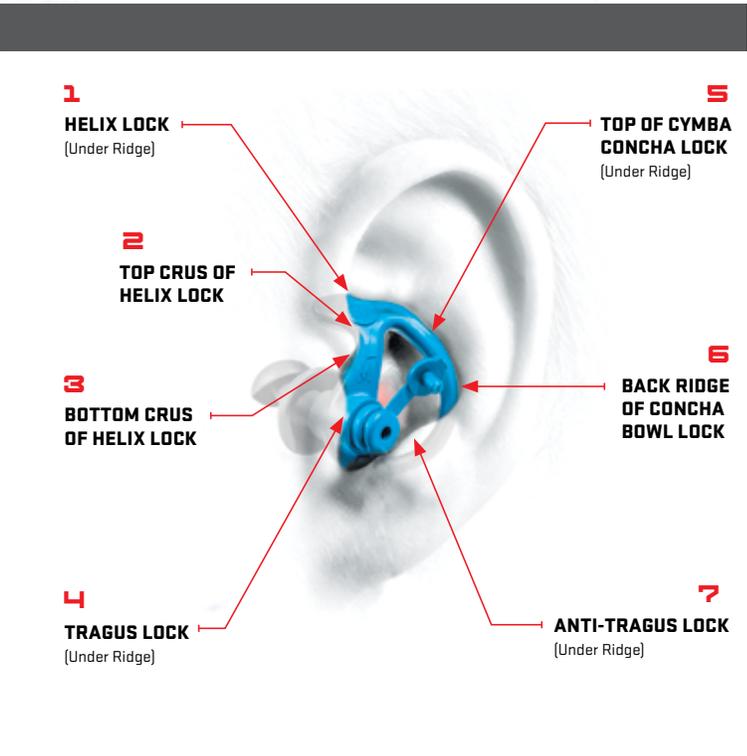


PATENTED EARLOCK® RETENTION RINGS



SureFire Sonic Defenders feature our innovative EarLock outer rings, which lock the earplugs in place with seven unique grab points. A low-profile design allows for easy wearing under a hat, helmet, mask, headset, or supplemental muffs—even while using the phone.

All SureFire earplugs and earpieces feature seven unique grab points.



EP8 SONIC DEFENDERS® COBALT PROVIDE TWO LEVELS OF HEARING PROTECTION...



NOISE REDUCTION RATING (NRR)

EP8 Sonic Defenders Cobalt - FILTER CAPS OUT

ATTENUATION DATA (ANSI STD S3.19-1974)

Test Frequencies (Hz)	125	250	500	1000	2000	3000	4000	6300	8000	NRR
Mean Attenuation (dB)	12.3	11.4	16.3	18.8	26.3	32.1	26.4	25.5	33.4	12
Standard Attenuation (dB)	3.8	3.3	3.1	3.3	4.1	5.5	3.8	4.4	4.5	

Noise Reduction Rating **12** Decibels
(when used as directed)

THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

SureFire® Fountain Valley, CA EP8 Sonic Defenders® Cobalt

Federal law prohibits removal of this label prior to purchase. LABEL REQUIRED BY U.S. EPA REGULATION 40 CFR Part 211, Subpart B

WARNING: Improper fit of this device will reduce its effectiveness in attenuating noise. Consult instructions for proper fit. Failure to follow instructions could result in hearing loss and/or injury. EP8 Sonic Defenders Cobalt fit most people; however, no hearing protection fits everyone. If proper fit cannot be achieved following instructions, discontinue use. Do not use in environments with extreme air/water pressure or where abrupt pressure changes occur. EP8s should not be worn underwater in depths exceeding one meter.

EP8 Sonic Defenders Cobalt - FILTER CAPS IN

ATTENUATION DATA (ANSI STD S3.19-1974)

Test Frequencies (Hz)	125	250	500	1000	2000	3000	4000	6300	8000	NRR
Mean Attenuation (dB)	31.1	29.9	33.9	31.2	35.6	37.5	33.6	41.8	43.5	24
Standard Attenuation (dB)	3.3	4.3	4.4	2.9	3.8	5.7	4.5	6.6	6.3	

Noise Reduction Rating **24** Decibels
(when used as directed)

THE RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

SureFire® Fountain Valley, CA EP8 Sonic Defenders® Cobalt

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SIZING, FITTING & TESTING

EP8 COLORS & SIZES

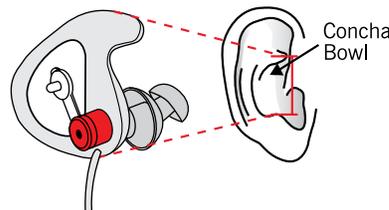
Colors: Blue
Sizes: Small, medium, large
Accessories: Included permanently attached 26" retention lanyard



EP8 SIZING

Medium EP8s fit most people. Sizing is based on the ear's concha bowl:

1" = Medium
 Less than 1" = Small
 Greater than 1" = Large



To install & test:

- Starting with the EarLock® retention ring oriented slightly backward, rotate the earplug forward while inserting the stem of the red-filtered EP8 into the right ear canal deep enough for the uppermost flange to seal. Fit the retention ring to the natural contour of the concha bowl surrounding the ear canal to lock the earplug in place.
- Check the seal by placing your fingertip over the outer hole of filter and then removing. Detection of a slight suction indicates a proper seal.
- Repeat process with blue-filtered earplug for left ear.
- Test earplugs by clapping, with filter caps out. If no noticeable decrease in volume, reinsert and retest.
- To block lower-level noise* in quiet environments and to maximize protection, insert attached filter cap into filter's hole and push in until snug.

* Inserting filter cap negates noise-reducing filter's ability to let ambient sounds & conversations pass safely through.

ORDERING INFORMATION

EP8 Sonic Defenders® *Cobalt* are available in clamshell retail packaging, featuring a single pair of earplugs in a plastic carrying case, and bulk packaging, featuring 25 pairs of poly-bagged earplugs in plastic carrying cases.

Catalog Number	UPC	Package Contents
EP8-BL-SPR	084871319584	Clamshell with one pair of SMALL blue earplugs
EP8-BL-MPR	084871319591	Clamshell with one pair of MEDIUM blue earplugs
EP8-BL-LPR	084871319607	Clamshell with one pair of LARGE blue earplugs
EP8-BL-SPR-BULK	084871319614	Dispenser box of 25 pairs of SMALL blue earplugs
EP8-BL-MPR-BULK	084871319621	Dispenser box of 25 pairs of MEDIUM blue earplugs
EP8-BL-LPR-BULK	084871319638	Dispenser box of 25 pairs of LARGE blue earplugs

CLEANING & PRODUCT LIFE

EP8 Sonic Defenders *Cobalt* typically last up to 6+ months, depending on usage and care. Clean with mild soap and water or alcohol swabs and allow to air dry. If exposed to salt water, rinse with fresh water and allow to air dry. Replace when they become stiff and hardened.

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.

TO ORDER OR LOCATE A DEALER:

www.surefire.com/tactical-equipment/hearing-protection

www.surefire.com/dealer-locator

800-828-8809 or 714-545-9444 (U.S.A.)

00-800-7843-7843 (UK & Germany)