



HEARING PROTECTION



**SUREFIRE NO-HASSLE GUARANTEE**

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](http://www.surefire.com/warranty).

**TO ORDER OR LOCATE A DEALER:**

[www.surefire.com/earpro](http://www.surefire.com/earpro)

[www.surefire.com/dealer-locator](http://www.surefire.com/dealer-locator)

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

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



18300 MT. BALDY CIRCLE // FOUNTAIN VALLEY, CA 92708, U.S.A  
[SUREFIRE.COM/HEARINGPROTECTION](http://SUREFIRE.COM/HEARINGPROTECTION) // 800.828.8809

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ALL-DAY PROTECTION & COMFORT. EVERYDAY APPLICATIONS.



**EP9**

**SONIC DEFENDERS® COBALT MAX**  
Full-Block, Triple-Flanged Earplugs with **26 dB NRR**

**MADE IN USA**





SureFire® EP9 Sonic Defenders® *Cobalt Max*

protect your hearing from dangerous noise levels by blocking loud noises from entering your ear canal. Soft, adjustable triple-flanged stems provide superb comfort and effective hearing protection, making EP9s an outstanding choice for applications where a high level of protection is desired and hearing ambient sounds or conversations is not critical. Constructed of a proprietary metal-infused polymer that’s detectable by industrial scanners, EP9s are bright blue in color and feature permanently attached lanyards, making them ideal for use in food and pharmaceutical processing and similar industries.

EP9 SONIC DEFENDERS *COBALT MAX* FEATURES

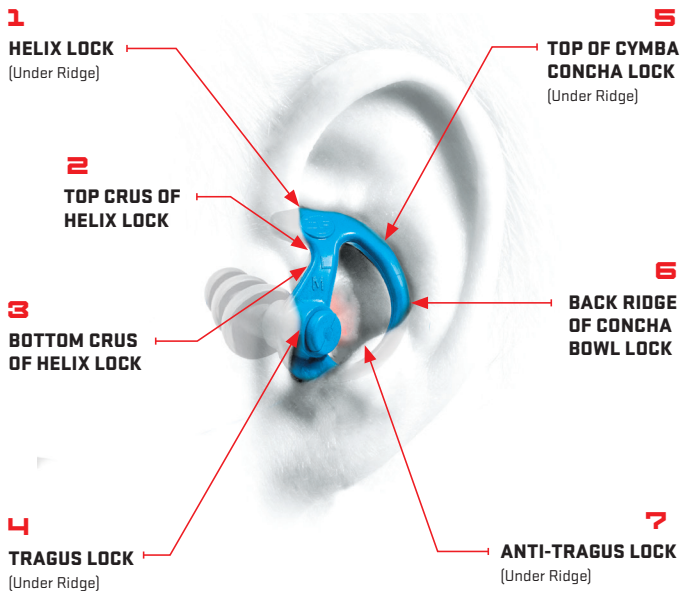
- ➔ **High-level, full-block hearing protection**
- ➔ **Patented EarLock® rings provide unparalleled retention**
- ➔ **Triple-flanged stem is adjustable for comfort & fit**
- ➔ **Hypoallergenic soft-polymer construction provides all-day comfort & durability**
- ➔ **Metal-infused-polymer construction for detection by industrial scanners; bright blue in color for easy visual detection**

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.

All SureFire earplugs and earpieces feature seven unique grab points.



NOISE REDUCTION RATING (NRR)

EP9 Sonic Defenders *Cobalt Max*

ATTENUATION DATA (ANSI STD S3.19-1974)

Test Frequencies (Hz)	125	250	500	1000	2000	3000	4000	6300	8000	NRR
Mean Attenuation (dB)	34.8	31.4	34.4	32.8	36.9	42.3	39.6	43.2	46.6	26
Standard Attenuation (dB)	4.1	4.2	4.1	4.3	4.3	2.9	3.7	4.2	4.2	

Noise Reduction Rating	26
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	EP9 Sonic Defenders® <i>Cobalt Max</i>
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. EP9 Sonic Defenders *Cobalt Max* fit most people; however, no hearing protection fits everyone. If proper fit cannot be achieved following instructions, discontinue use.

SIZING, FITTING & TESTING

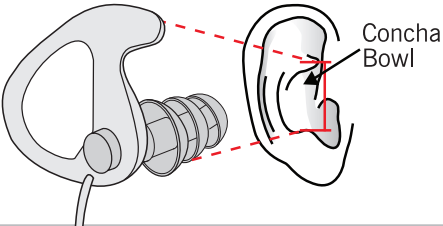
EP9 COLORS & SIZES

**Colors:** Blue  
**Sizes:** Small, Medium, Large  
**Accessories:** Included permanently attached 26" retention lanyard



EP9 SIZING

**Medium EP9s 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 right EP9 (marked with an R on the retention ring) 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.
- Repeat process with left earplug (marked with an L on the retention ring) for left ear.
- Test by clapping. If no noticeable decrease in volume, reinsert and retest.
- Slowly twist the earplug when removing to break the stem's seal.

ORDERING INFORMATION

EP9 Sonic Defenders® *Cobalt Max* 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
EP9-BL-SPR	084871319645	Clamshell with one pair of SMALL blue earplugs
EP9-BL-MPR	084871319652	Clamshell with one pair of MEDIUM blue earplugs
EP9-BL-LPR	084871319669	Clamshell with one pair of LARGE blue earplugs
EP9-BL-SPR-BULK	084871319676	Dispenser box of 25 pairs of SMALL blue earplugs
EP9-BL-MPR-BULK	084871319683	Dispenser box of 25 pairs of MEDIUM blue earplugs
EP9-BL-LPR-BULK	084871319690	Dispenser box of 25 pairs of LARGE blue earplugs

CLEANING & PRODUCT LIFE

EP9 Sonic Defenders *Cobalt Max* 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.