



## HEARING PROTECTION

ALL-DAY PROTECTION & COMFORT. EVERYDAY APPLICATIONS.



**EP10**

**SONIC DEFENDERS® ULTRA MAX**

Full-Block, Foam-Tipped Earplugs with **30 dB NRR**



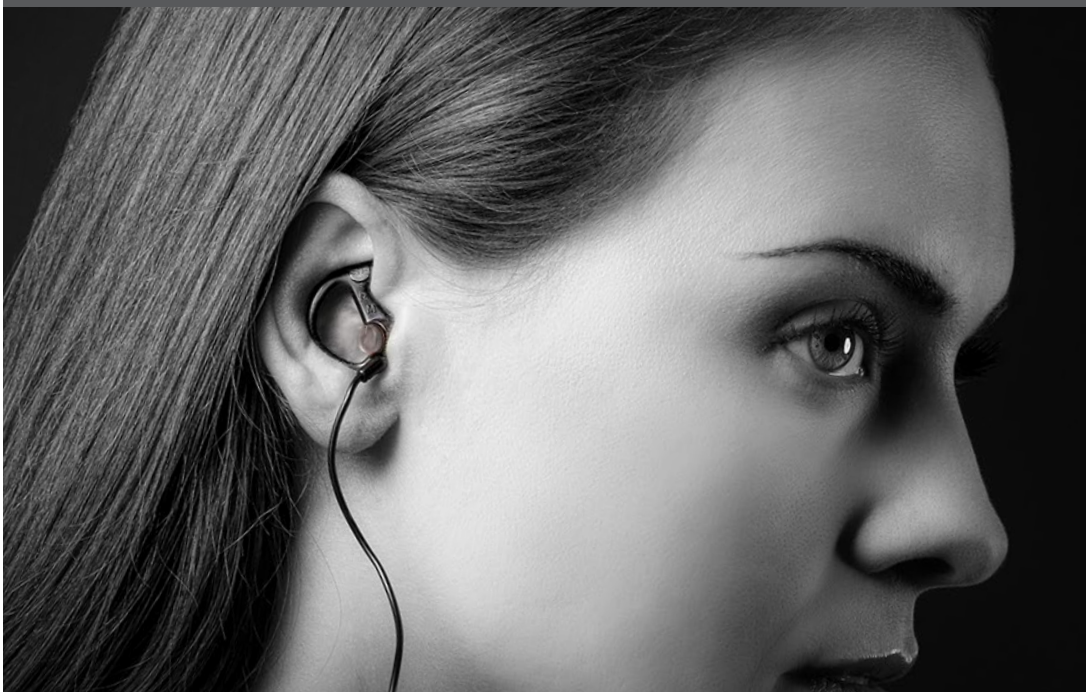
## SureFire® EP10 Sonic Defenders® *Ultra Max*

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.

### EP10 SONIC DEFENDERS® *ULTRA MAX* FEATURES

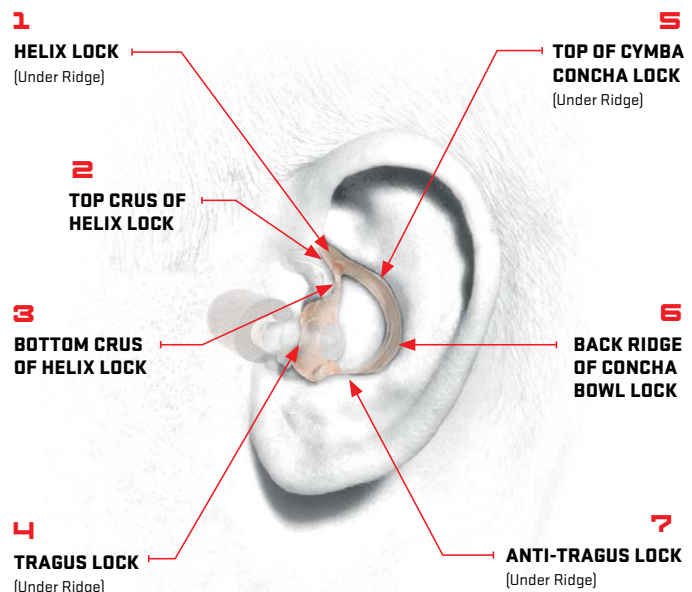
- High-level, full-block hearing protection
- Patented EarLock® rings provide unparalleled retention
- Replaceable memory-foam Comply™ Canal Tips provide comfort & secure seal
- Hypoallergenic soft-polymer construction provides all-day comfort & durability

### 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.**





## PROTECTS AGAINST TWO TYPES OF NOISE...

### 1. CONSTANT NOISE

(example: loud roar of an engine)

### 2. IMPULSE NOISE

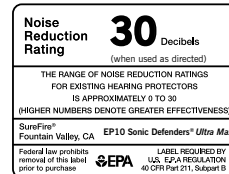
(example: gunshot or explosion)

## NOISE REDUCTION RATING (NRR)

### EP10 Sonic Defenders *Ultra Max*

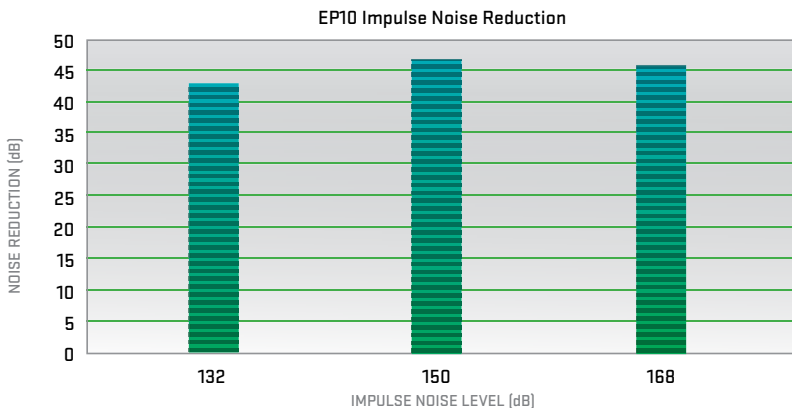
#### ATTENUATION DATA (ANSI STD S3.19-1974)

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	<b>30</b>
Standard Deviation (dB)	5.0	3.8	4.1	3.0	2.1	3.7	3.2	3.3	3.0	



**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



#### 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

ANSI S12.42-2010

## SIZING, FITTING & TESTING

### EP10 COLORS & SIZES

**Colors:** Black, orange, clear

**Sizes:** Small, medium, large

**Accessories:** Included 26" retention lanyard



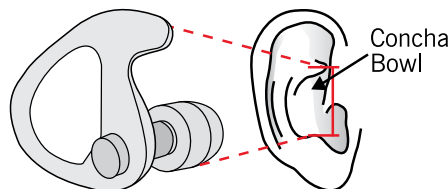
### EP10 SIZING

**Medium EP10s 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:

1. Roll Comply™ Canal Tip of EP10 into a thin, round cylinder, being careful not to unscrew tip from stem.
2. Starting with the EarLock® retention ring of the right earplug 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 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. Check earplug's seal by placing your fingertip over the outer hole of filter and then removing. Detection of a slight suction indicates a proper seal.
4. Repeat process with other earpiece for left ear.
5. Test by clapping, with filter caps out. If no noticeable decrease in volume, reinsert and retest.



## ORDERING INFORMATION

EP10 Sonic Defenders® *Ultra Max* are available in clamshell retail packaging, featuring a single pair of earplugs in a plastic carry case, and bulk packaging, featuring 25 pairs of poly-bagged earplugs in plastic carrying cases.

Catalog Number	UPC	Package Contents
<b>CLEAR MODELS</b>		
EP10-SPR	084871323307	Blister card with one pair SMALL clear earplugs
EP10-MPR	084871323284	Blister card with one pair MEDIUM clear earplugs
EP10-LPR	084871323260	Blister card with one pair LARGE clear earplugs
EP10-SPR-BULK	084871323314	Dispenser box of 25 pairs of SMALL clear earplugs
EP10-MPR-BULK	084871323291	Dispenser box of 25 pairs of MEDIUM clear earplugs
EP10-LPR-BULK	084871323383	Dispenser box of 25 pairs of LARGE clear earplugs
<b>BLACK MODELS</b>		
EP10-BK-SPR	084871323246	Blister card with one pair SMALL black earplugs
EP10-BK-MPR	084871323222	Blister card with one pair MEDIUM black earplugs
EP10-BK-LPR	084871323208	Blister card with one pair LARGE black earplugs
EP10-BK-SPR-BULK	084871323253	Dispenser box of 25 pairs of SMALL black earplugs
EP10-BK-MPR-BULK	084871323239	Dispenser box of 25 pairs of MEDIUM black earplugs
EP10-BK-LPR-BULK	084871323215	Dispenser box of 25 pairs of LARGE black earplugs
<b>ORANGE MODELS</b>		
EP10-OR-SPR	084871323369	Blister card with one pair SMALL orange earplugs
EP10-OR-MPR	084871323345	Blister card with one pair MEDIUM orange earplugs
EP10-OR-LPR	084871323321	Blister card with one pair LARGE orange earplugs
EP10-OR-SPR-BULK	084871323376	Dispenser box of 25 pairs of SMALL orange earplugs
EP10-OR-MPR-BULK	084871323352	Dispenser box of 25 pairs of MEDIUM orange earplugs
EP10-OR-LPR-BULK	084871323338	Dispenser box of 25 pairs of LARGE orange earplugs

## CLEANING & 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. For optimal performance, foam tips should be replaced every 2-4 weeks or when soiled, with replacement tips available from SureFire.

### 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/hearingprotection](http://www.surefire.com/hearingprotection)

[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)

