

SureFire EP4-BK-MPR

SureFire EP4 Sonic Defenders Plus Filtered Earplugs Instruction Manual

Brand: SureFire | Model: EP4-BK-MPR

PRODUCT OVERVIEW

The SureFire EP4 Sonic Defenders Plus are designed to protect your hearing while allowing you to hear routine sounds and conversations. They feature a triple-flanged stem design for a secure fit in larger ear canals and provide a Noise Reduction Rating (NRR) of 24dB when filter caps are inserted. Sounds at safe levels are allowed to pass through, while potentially harmful noises above 85dB are reduced by a proprietary noise-reducing filter. The EP4s include attached filter caps that can be inserted for additional protection, blocking lower-level noise when hearing ambient sounds or conversations is not critical. Made from a soft, durable, hypoallergenic polymer, these earplugs offer all-day comfort and extended product life. Patented EarLock retention rings ensure the earplugs stay securely in place. Their low-profile design allows for comfortable wear with helmets, masks, or headsets. EP4 Sonic Defenders Plus can also serve as earpieces for compatible radio communication systems by removing the noise-reducing filter, though hearing protection is no longer provided in this configuration.

Key Features

- 24dB Noise Reduction Rating (NRR) with filter caps inserted.
- Allows hearing of safe sound levels (with filter caps out) as if not wearing earplugs.
- Soft, adjustable, triple-flanged stems provide secure seals and all-day comfort.
- Low-profile design for compatibility with masks, helmets, hats, or supplemental hearing muffs.
- Patented EarLock retention rings ensure secure placement.
- Made from hypoallergenic, medical-grade polymer for durability and longevity.

Video: Product Overview. This video provides a general overview of the SureFire EP4 Sonic Defenders Plus earplugs, highlighting their features and benefits.

SETUP AND FITTING

Initial Setup

1. Remove the earplugs from their packaging.
2. Adjust the triple-flanged stems to fit securely and comfortably in your ear canals.

Proper Fit

The patented EarLock retention rings are designed to utilize seven contact points to lock the earpieces in place, ensuring a consistent and secure fit every time. Gently insert the earplug into your ear canal and rotate until the EarLock ring sits comfortably within the concha bowl of your ear. The triple-flanged stem should create a snug seal without causing discomfort.



Image: SureFire EP4 earplug properly inserted in an ear, demonstrating the low-profile design and secure fit.

OPERATING INSTRUCTIONS

Noise Reduction Modes

The EP4 Sonic Defenders Plus offer two modes of noise reduction:

- **Filters Open:** With the filter caps removed, the earplugs provide a Noise Reduction Rating (NRR) of 12dB. This mode allows for ambient sounds and conversations to be heard more clearly while still offering protection against moderate noise levels.
- **Filters Closed:** With the filter caps inserted, the earplugs provide an NRR of 24dB. This mode offers maximum protection against louder noises, making it suitable for environments where significant noise reduction is required.

To switch between modes, simply insert or remove the attached filter caps. Ensure the caps are fully inserted for maximum noise reduction.



Image: SureFire EP4 earplug with the red filter cap in the open position, allowing for situational awareness.



Image: SureFire EP4 earplug with the red filter cap in the closed position, providing maximum noise reduction.

Compatibility

The low-profile design of the EP4 Sonic Defenders Plus allows them to be worn comfortably under masks, helmets, hats, or in conjunction with supplemental hearing muffs. Additionally, by removing the noise-reducing filter, the EP4s can be connected to compatible radio communication systems, functioning as earpieces. Note that when used as earpieces without the filter, they do not provide hearing protection.



Image: SureFire EP4 earplugs connected by a lanyard, showing their design and portability.

CARE AND MAINTENANCE

Cleaning

Regular cleaning is essential to maintain hygiene and the effectiveness of your earplugs. Clean them with mild soap and water, or use an alcohol wipe to disinfect and remove any earwax buildup. Ensure they are completely dry before storage or next use.

Product Lifespan

SureFire EP4 Sonic Defenders Plus are designed for extended use, typically lasting up to 6+ months, depending on individual usage and care. Regular inspection for wear and tear is recommended. Replace earplugs if they show signs of damage or if their fit and noise reduction capabilities are compromised.



Image: SureFire EP4 earplugs shown with their compact carrying case, ideal for protection and transport.

TROUBLESHOOTING

If you experience discomfort or reduced noise protection, re-adjust the earplugs to ensure a proper seal. Verify filter caps are correctly inserted or removed based on the desired noise reduction level. Ensure the EarLock retention rings are properly seated in your ear's concha bowl. If issues persist, consult the manufacturer's support resources.

PRODUCT SPECIFICATIONS

Model Number	EP4-BK-MPR
Noise Reduction Rating (NRR)	24 dB (filters closed), 12 dB (filters open)
Material Type	Polymer
Reusability	Reusable
Item Dimensions	4.25 x 1 x 5 inches
Item Weight	0.06 Pounds
Manufacturer	SureFire

WARRANTY AND SUPPORT

Warranty Information

The SureFire EP4 Sonic Defenders Plus come with a 2-Year Manufacturer Warranty. Please retain your proof of purchase for warranty claims.

Contact Support

For further assistance, technical support, or warranty inquiries, please visit the official SureFire website or contact their customer service department directly.