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› Etymotic ER3SE Studio Edition Earphone User Manual

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Etymotic ER3SE Studio Edition Earphone User Manual

Model: ER3SE

1. INTRODUCTION

The Etymotic ER3SE Studio Edition Earphone is a high-sensitivity in-ear monitor (IEM) designed for accurate audio reproduction. Featuring a single balanced armature driver and precision-machined anodized aluminum bodies, the ER3SE provides exceptional sound clarity and up to 42 dB of passive noise isolation. This manual provides essential information for the proper setup, operation, and maintenance of your ER3SE earphones.



Image 1.1: The Etymotic ER3SE Studio Edition Earphone packaging, showcasing the product and key features.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Etymotic ER3SE Studio Edition Earphones
- Carrying Case
- Assorted Ear Tip Pack (silicone and foam)
- Filter Removal Tool
- User Manual (this document)



Image 2.1: All included components: ER3SE earphones, carrying case, various ear tips, and a filter removal tool.

3. PRODUCT OVERVIEW

The ER3SE earphones are engineered for high-fidelity sound and superior noise isolation. Key features include:

- **Frequency Response:** 20 Hz – 16 kHz, providing a neutral and flat sound profile.
- **Transducers:** Single high-performance balanced armature micro-drivers for precise audio.
- **Construction:** Precision-machined anodized metal bodies for durability and compact design.
- **Cable:** 4-foot reinforced detachable cable with 3.5mm gold-plated stereo plug and MMCX connectors.
- **Noise Isolation:** Up to 35dB with silicone ear tips and 42dB with foam ear tips, effectively blocking external noise.



Image 3.1: The Etymotic ER3SE Studio Edition Earphones, highlighting the earpiece design and cable connection.



Image 3.2: Detail of the earphone cable, featuring the Etymotic branding and the included cable clip for secure wear.

4. SETUP AND INSTALLATION

4.1 Choosing and Installing Ear Tips

Selecting the correct ear tip size and type is crucial for achieving optimal sound quality and noise isolation. A proper seal is essential for the ER3SE's performance.

- **Silicone Tips:** Provide a comfortable fit and good isolation. Available in various sizes.
- **Foam Tips:** Offer maximum noise isolation (up to 42 dB) and a secure fit. Compress the foam before insertion.

Experiment with different sizes to find the best seal for your ears. The ear tips should fit snugly without causing discomfort.

4.2 Inserting the Earphones

1. Gently pull your earlobe up and back to straighten the ear canal.
2. Slowly insert the earphone into your ear canal until a deep, comfortable seal is achieved. You should notice a significant reduction in ambient noise.
3. Repeat for the other ear.

The ER3SE earphones are designed for a deep fit to maximize their acoustic performance and noise isolation capabilities.

4.3 Connecting the Cable

The ER3SE features detachable cables with MMCX connectors. Ensure the cable is securely attached to both earpieces. Connect the 3.5mm gold-plated stereo plug to your audio source (e.g., smartphone, digital audio player, audio interface).

5. OPERATING INSTRUCTIONS

5.1 Audio Playback

Once the earphones are properly inserted and connected to your audio device, begin audio playback. Adjust the volume on your audio source to a comfortable listening level. Due to the high noise isolation, lower volumes are often sufficient.



Image 5.1: The ER3SE earphones in use, connected to a tablet for audio playback, demonstrating their application in a studio or listening environment.

5.2 Noise Isolation

The ER3SE earphones provide excellent passive noise isolation, reducing ambient sound by up to 42 dB. This feature allows for clear listening in noisy environments and helps protect your hearing by enabling lower listening volumes. Ensure a proper seal for maximum isolation.

6. MAINTENANCE AND CARE

6.1 Cleaning Ear Tips

- **Silicone Tips:** Remove from earphones and wash with mild soap and water. Rinse thoroughly and allow to air dry completely before reattaching.
- **Foam Tips:** Foam tips are generally disposable and should be replaced when they lose their elasticity or become soiled. Do not wash foam tips.

6.2 Cleaning Nozzles and Filters

Periodically inspect the earphone nozzles for wax buildup. Use the provided filter removal tool to carefully remove the acoustic filters if they become clogged. Clean the filters gently or replace them if necessary. Refer to Etymotic's official resources for detailed instructions on filter replacement.

6.3 Cable Care

The detachable cable is designed for durability. Avoid sharp bends or excessive pulling. When storing, coil the cable loosely and place it in the provided carrying case to prevent tangling and damage.

7. TROUBLESHOOTING

• No Sound or Low Volume:

- Ensure the 3.5mm plug is fully inserted into your audio device.
- Check that the MMCX connectors are securely attached to the earphones.
- Verify the volume level on your audio device is not muted or too low.
- Confirm a proper seal with the ear tips.

• Poor Noise Isolation:

- Re-insert the earphones to ensure a deep and secure seal.
- Try different sizes or types of ear tips (silicone vs. foam) to find the best fit for your ear canals.

• Distorted Sound:

- Check the audio source for any issues.
- Reduce the volume if it is too high, causing clipping.
- Inspect the cable for damage or loose connections.
- Clean the earphone nozzles and filters for any obstructions.

8. SPECIFICATIONS

Feature	Specification
Model	ER3SE
Transducers	Single High-Performance Balanced Armature
Frequency Response	20 Hz – 16 kHz
Noise Isolation	35 dB (silicone tips), 42 dB (foam tips)
Impedance	22 Ohm
Connectivity	Wired (3.5mm Jack)
Cable Length	4 feet (detachable with MMCX connectors)
Material	Anodized Metal
Item Weight	0.02 Kilograms (0.634 ounces)
Product Dimensions	2 x 3.75 x 7 inches (packaging)

9. SAFETY INFORMATION

- **Hearing Protection:** Avoid listening at excessively high volumes for prolonged periods to prevent hearing damage. The ER3SE's excellent noise isolation allows for lower listening volumes.
- **Awareness:** Do not use earphones in situations where inability to hear ambient sounds (e.g., traffic, warning signals) could be dangerous.
- **Hygiene:** Keep ear tips and earphones clean to prevent ear infections.
- **Deep Insertion:** While designed for a deep fit, always insert earphones gently and do not force them. If discomfort occurs, re-adjust or try different ear tips.

10. WARRANTY AND SUPPORT

Etymotic products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty details, including duration and coverage, please refer to the warranty card included with your product or visit the official Etymotic website. For technical support, replacement parts, or service inquiries, please contact Etymotic customer service through their official channels.

Note: Some customer reviews mention a 2-year warranty and a lower-cost replacement program for damaged headphones. Please verify current warranty terms with Etymotic directly.

For further assistance, visit the [Etymotic Store on Amazon](#).

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