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› Etymotic ER2XR Extended Response Earphone User Manual

Etymotic ER2XR

Etymotic ER2XR Extended Response Earphone User Manual

Model: ER2XR

1. INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your Etymotic ER2XR Extended Response Earphones. Please read this guide thoroughly before using your earphones to ensure optimal performance and longevity.

The Etymotic ER2XR earphones are designed to deliver high-accuracy sound with enhanced and extended bass, offering an immersive listening experience with superior noise isolation.





A pair of Etymotic ER2XR earphones, featuring a deep blue housing and transparent triple-flange ear tips, connected by a black cable.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Etymotic ER2XR Earphones
- Detachable Cable (3.5 mm jack)
- Assortment of Ear Tips (various sizes and types, including foam and silicone)
- Filter Removal Tool
- Replacement ACCU-Filters
- Shirt Clip
- Carrying Case



Various ear tips (foam and silicone), the detachable earphone cable, and a black zippered carrying case, all included with the ER2XR earphones.

3. SETUP AND FIT

3.1 Ear Tip Selection

Proper ear tip selection is crucial for optimal sound quality and noise isolation. Experiment with the included ear tips to find the size and style that provides the best seal and comfort for your ear canals. A good seal is essential for experiencing the full bass response and noise isolation capabilities.

- **Triple-Flange Ear Tips:** Provide excellent noise isolation and a secure fit.
- **Foam Ear Tips:** Offer a comfortable fit and good noise isolation, often preferred for extended listening. Compress the foam tips before insertion.

3.2 Earphone Insertion

The ER2XR earphones are designed for deep insertion into the ear canal to achieve maximum noise isolation and sound fidelity. This may feel different from conventional 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 secure and comfortable seal is achieved. You should notice a significant reduction in ambient noise.
3. Repeat for the other ear.

Note: If the earbud tips do not match the size of your ear canals or the headset is not worn properly, you may not obtain the correct sound qualities or call performance. Change the earbud tips to ones that fit more snugly in your ears.

3.3 Cable Management

The ER2XR features a detachable cable for easy replacement and customization.

- To attach the cable, align the MMCX connector on the cable with the receptacle on the earphone housing and push firmly until it clicks into place.
- To detach, grasp the cable connector firmly (not the cable itself) and pull straight out.
- Use the included shirt clip to secure the cable to your clothing, reducing microphonics (cable noise) and preventing accidental dislodgement.



A detailed view of the earphone's housing where the detachable cable connects, highlighting the robust design for easy replacement.

4. OPERATING INSTRUCTIONS

4.1 Connecting to an Audio Source

Connect the 3.5 mm jack of the earphone cable to the headphone output of your audio device (e.g., smartphone, digital audio player, computer).

4.2 Volume Control

Adjust the volume directly from your audio source. Start with a low volume level and gradually increase it to a comfortable listening level. Prolonged exposure to high volume levels can cause hearing damage.

4.3 Noise Isolation

The ER2XR earphones provide 35+ dB of external noise isolation when properly inserted. This passive noise cancellation allows for lower listening volumes in noisy environments, protecting your hearing and enhancing your listening experience.

5. MAINTENANCE

5.1 Cleaning Ear Tips

Regularly clean your ear tips to maintain hygiene and optimal performance. Silicone tips can be washed with mild soap and water. Foam tips should be replaced periodically as they can degrade over time.

5.2 Replacing ACCU-Filters

The ER2XR earphones feature user-replaceable ACCU-Filters located at the nozzle of the earphone. These filters protect the drivers from earwax and debris. If you notice a decrease in sound output or clarity, the filters may need replacement.

1. Use the included filter removal tool to carefully extract the old filter.
2. Insert a new ACCU-Filter firmly into the nozzle.

5.3 Cable Care

Avoid sharp bends or excessive pulling on the cable. Store the earphones in their carrying case when not in use to protect them from damage.

6. TROUBLESHOOTING

6.1 No Sound or Intermittent Sound

- Ensure the 3.5 mm jack is fully inserted into your audio device.
- Check the volume level on your audio device.
- Verify that the detachable cable is securely connected to both earphones.
- Test with a different audio source or cable to rule out device or cable issues.
- Inspect ACCU-Filters for blockage and replace if necessary.

6.2 Poor Sound Quality or Lack of Bass

- The most common cause is an improper seal. Re-insert the earphones, ensuring a deep and secure fit. Try different ear tip sizes or types.
- Ensure ACCU-Filters are clean and not clogged.
- Check your audio source's equalizer settings, if any.

6.3 Discomfort

- If deep insertion causes discomfort, try a different size or type of ear tip.
- Ensure you are gently pulling your earlobe during insertion.
- Discontinue use if discomfort persists and consult a healthcare professional.

7. SPECIFICATIONS

Feature	Specification
Model Name	ER2XR
Audio Driver Type	Dynamic Driver
Frequency Range	20 Hz – 16 kHz
Impedance	15 Ohm
Noise Isolation	35+ dB
Connectivity	3.5 mm Jack
Cable Feature	Detachable
Earpiece Material	Metal with Anodized Finish
Item Weight	6.7 ounces (0.19 Kilograms)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Etymotic website or contact their customer service directly. Keep your proof of purchase for warranty claims.

9. ADDITIONAL RESOURCES

You can find more detailed information and support documents for your Etymotic ER2XR earphones through the following links:

- [User Guide \(PDF\)](#)
- [User Manual \(PDF\)](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question