

Lexar ES4

Lexar ES4 Portable SSD 1TB User Manual

Model: ES4 (LES4XXX001T-RNHAU)

1. INTRODUCTION

The Lexar ES4 Portable SSD is a high-performance external solid-state drive designed for fast data transfer and secure storage. Featuring USB 3.2 Gen 2 connectivity, it offers read speeds up to 1050MB/s and write speeds up to 1000MB/s. Its compact design includes a magnetic attachment system for convenient use with compatible devices, such as the iPhone 15/16 series, and comes with 256-bit AES encryption for data protection.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Lexar External SSD ES4 (1 unit)
- Silicone Magnetic Case (1 unit)
- Magnetic Ring (1 unit)
- USB-C to USB-C Cable (1 unit)
- USB-A to USB-C Cable (1 unit)

3. SETUP

3.1 Connecting to Devices

The Lexar ES4 Portable SSD can be connected to various devices using the provided USB cables.

1. **For USB-C Devices (e.g., iPhone 15/16, Type-C Laptops, Tablets, PS5):** Use the included USB-C to USB-C cable. Connect one end to the ES4 SSD and the other end to your device's USB-C port.
2. **For USB-A Devices (e.g., PC, PS4):** Use the included USB-A to USB-C cable. Connect the USB-C end to the ES4 SSD and the USB-A end to your device's USB-A port.

3.2 Magnetic Attachment

The ES4 Portable SSD features a magnetic attachment system for enhanced convenience, particularly with iPhone 15/16 series devices.

- **With Silicone Magnetic Case:** If your iPhone 15/16 series device is using the provided silicone magnetic case, the ES4 SSD can snap directly onto the back of the phone.
- **With Magnetic Ring:** For phones with other cases or devices without integrated magnetic capabilities, attach the included magnetic ring to the back of your device or case. Ensure the ring is securely adhered before attaching the SSD.

Note: Magsafe wireless charging is not supported when the SSD is attached.

Firmly Attached Effortless iPhone Recording



*Speeds based on internal testing. Actual performance may vary.

Image: The Lexar ES4 Portable SSD securely attached to an iPhone, demonstrating its magnetic connection for stable use during recording.

Magnetic Ring Unlock More Devices



Image: The Lexar ES4 Portable SSD utilizing the magnetic ring for attachment to a laptop, illustrating its versatility across various devices.

4. OPERATING INSTRUCTIONS

4.1 Data Transfer

Once connected, the Lexar ES4 SSD will typically appear as an external storage device on your computer or compatible mobile device. You can drag and drop files, copy and paste, or use your device's file management system to transfer data

to and from the SSD.

- **For PC/Mac:** The SSD will appear in "My Computer" (Windows) or "Finder" (Mac).
- **For iPhone 15/16:** The SSD can be used for direct recording of ProRes 4K 120fps video. Access it through your camera application or file management apps.
- **For Android Devices:** The SSD will be accessible via your device's file manager.

4.2 Safe Ejection

Always safely eject the Lexar ES4 Portable SSD from your device before disconnecting it to prevent data corruption. This is typically done through the operating system's "Safely Remove Hardware" option (Windows) or by dragging the drive icon to the Trash (Mac).

5. KEY FEATURES

5.1 High-Speed Performance

The ES4 Portable SSD utilizes USB 3.2 Gen 2 technology, delivering impressive data transfer speeds. Experience read speeds of up to 1050MB/s and write speeds of up to 1000MB/s, facilitating rapid file transfers and efficient workflow.

Exceptional USB 3.2 Gen 2 Performance



Image: The Lexar ES4 Portable SSD connected to a tablet, showcasing its high-speed USB 3.2 Gen 2 performance for demanding tasks like photo and video editing.

5.2 ProRes 4K 120fps Recording Support

For professional content creators, the Lexar ES4 Portable SSD supports Apple ProRes recording at up to 4K 120 frames per second when used with compatible devices like the iPhone 16 Pro and iPhone 16 Pro Max. This allows for direct, high-quality video capture to the external SSD.

Capture ProRes 4K 120 fps



Image: A user holding an iPhone with the Lexar ES4 Portable SSD attached, demonstrating its capability for capturing high-resolution ProRes 4K 120fps video.

5.3 Durable and Secure Design

Constructed with a robust metal casing and precision sandblasting, the ES4 SSD is designed for durability. It includes a silicone sleeve for additional protection, allowing it to withstand drops of up to 2 meters. This dual-layer protection helps keep your data safe.

Durable, Stable, Secure



Image: The Lexar ES4 Portable SSD depicted in a rocky landscape, highlighting its robust construction and shock-resistant features.

6. DATA SECURITY

The Lexar ES4 Portable SSD incorporates Lexar DataShield 256-bit AES encryption software. This feature allows you to protect sensitive files and ensure data privacy during storage, download, or transfer operations.

Magnetic Ring, Unlock More Devices

The Lexar ES4 Portable SSD with Magnetic Set comes with an additional magnetic ring for laptop covers or other smart devices, and a wrist strap. This convenient set lets you seamlessly attach the drive to your device for effortless portability.



Image: The Lexar ES4 Portable SSD connected to a laptop, with a screen showing a security interface, representing the Lexar DataShield 256-bit AES encryption for secure file storage.

7. COMPATIBILITY

The Lexar ES4 Portable SSD offers broad compatibility with various devices:

- iPhone 15/16 series (Note: Not supported on iPhone 14 and older models)
- Android mobile devices
- Laptops (PC & Mac, Type-C Laptops)
- Cameras
- Gaming Consoles (PS4, PS5)
- Tablets

8. MAINTENANCE

To ensure the longevity and optimal performance of your Lexar ES4 Portable SSD, follow these maintenance guidelines:

- **Safe Ejection:** Always safely eject the SSD from your device before disconnecting to prevent data corruption.
- **Physical Protection:** While durable, avoid unnecessary drops or impacts. Keep the silicone sleeve on for added protection.
- **Environmental Conditions:** Store and operate the SSD within recommended temperature and humidity ranges. Avoid extreme heat, cold, or moisture.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the SSD. Avoid liquid cleaners.
- **Firmware Updates:** Periodically check the Lexar official website for any available firmware updates for your ES4 SSD to ensure optimal performance and compatibility.

9. TROUBLESHOOTING

If you encounter issues with your Lexar ES4 Portable SSD, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
SSD not detected by device	- Loose cable connection - Incorrect cable used - Device compatibility issue - Driver issue (PC/Mac)	- Ensure cables are securely connected. - Try a different USB port or cable. - Verify your device is compatible (refer to Section 7). - For PC/Mac, check Device Manager/Disk Utility.
Slow transfer speeds	- Connected to a slower USB port (e.g., USB 2.0 instead of USB 3.2 Gen 2) - Cable quality - Background processes - File system overhead	- Ensure connection to a USB 3.2 Gen 2 compatible port. - Use the provided Lexar cables. - Close unnecessary applications. - Performance can vary based on file size and type.
Data corruption or loss	- Improper ejection - Power interruption - Faulty cable	- Always safely eject the SSD (refer to Section 4.2). - Ensure stable power supply to the host device. - Try a different cable. - If issues persist, contact Lexar support.
Magnetic attachment not strong enough	- Incorrect case or no magnetic ring - Dust or debris on magnetic surfaces	- Ensure you are using the provided silicone magnetic case or the magnetic ring. - Clean magnetic surfaces on both the SSD and your device/case.

10. SPECIFICATIONS

Feature	Detail
Brand	Lexar
Model Series	ES4
Item Model Number	LES4XXX001T-RNHAU
Digital Storage Capacity	1 TB
Hard Disk Interface	USB 3.2 Gen 2 (backward compatible with USB 3.0/2.0)
Connectivity Technology	USB

Feature	Detail
Read Speed	Up to 1050MB/s
Write Speed	Up to 1000MB/s
Special Features	Portable, Shock Resistant, Magnetic Attachment, 256-bit AES Encryption
Compatible Devices	iPhone 15/16 series, Android mobile devices, Laptops, Cameras, PS4, PS5
Product Dimensions (L x W x H)	9 x 5.9 x 1.4 cm
Item Weight	95 g

11. WARRANTY AND SUPPORT

Lexar products are designed for reliability and performance. This product is covered by a limited warranty provided by Lexar. For detailed warranty information, including terms, conditions, and duration, please refer to the warranty card included in your product packaging or visit the official Lexar website.

For technical support, product registration, or to download the latest drivers and firmware, please visit the Lexar support page:

Visit Lexar
Support

When contacting support, please have your product model number (LES4XXX001T-RNHAU) and proof of purchase readily available.

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.

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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.

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