

SHL-R320

Generic SHL-R320 M.2 Portable SSD User Manual

Model: SHL-R320

INTRODUCTION

This manual provides instructions for the proper use and maintenance of your Generic SHL-R320 M.2 Portable SSD. Please read this manual thoroughly before using the device to ensure optimal performance and longevity. The SHL-R320 is a 4TB portable solid-state drive designed for high-speed data transfer and storage. It features a durable metal housing and USB 3.1 Type-C connectivity, offering broad compatibility with various operating systems and devices.

PACKAGE CONTENTS

- SHL-R320 M.2 Portable SSD
- USB Cable (Type-C to Type-A or Type-C to Type-C, depending on model variant)
- User Manual (this document)

PRODUCT OVERVIEW

PORTABLE SSD



Parameters:

M.2

Product Interface: USB3.0 Micro B/USB 3.1 Type-c (Gen 1).

Compatible devices: Computers (desktops, laptops)

TV: Smart TV with USB interface.

Mobile phone: (Android system/ OTG function /output 1.2A or more, cable purchased).

System support: Win7、Win10、|OS.

Supports Hard Disk: M.2/NGFF (2230/2242/2260/2280).

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Figure 1: SHL-R320 Portable SSD packaging. This image illustrates the product's key parameters, including its M.2

interface, USB 3.0 Micro B/USB 3.1 Type-C (Gen 1) product interface, and compatibility with computers (desktops, laptops), smart TVs with USB, and Android mobile phones with OTG function. It also shows system support for Windows 7, Windows 10, and iOS, and M.2/NGFF hard disk support (2230/2242/2260/2280). Various compliance and disposal symbols (CE, recycling, do not litter, WEEE) are also visible on the packaging.

Key Features:

- **Massive Storage:** 4TB capacity for extensive data storage.
- **High-Speed Interface:** USB 3.1 Type-C (Gen 1) for rapid data transfer.
- **Durable Design:** Sleek metal housing for enhanced protection.
- **Broad Compatibility:** Supports Windows, Mac, and Android operating systems.
- **Versatile Use:** Connects to computers, laptops, smart TVs, and OTG-enabled mobile phones.
- **M.2/NGFF Support:** Compatible with 2230/2242/2260/2280 form factors.

SETUP INSTRUCTIONS

1. **Connect the SSD:** Use the provided USB cable to connect the SHL-R320 Portable SSD to an available USB port on your computer, laptop, smart TV, or OTG-enabled mobile phone.
2. **Power On:** The SSD is bus-powered and does not require an external power adapter. It will power on automatically upon connection.
3. **Initial Recognition (Windows/Mac):**
 - For Windows, the drive should appear in "This PC" or "My Computer". If it's a new drive and not formatted, you may need to initialize and format it via Disk Management.
 - For Mac, the drive should appear on the desktop or in Finder. If it's a new drive, you may need to format it using Disk Utility.
4. **Mobile Phone (Android with OTG):** Ensure your mobile phone supports OTG functionality. Connect the SSD using an appropriate OTG cable (may need to be purchased separately if not included). The drive should be accessible through your phone's file manager.

Note: For optimal performance, connect the SSD to a USB 3.0 or USB 3.1 port.

OPERATING INSTRUCTIONS

Data Transfer:

- **Copy/Paste:** Drag and drop files or folders directly to and from the SSD.
- **Backup Software:** Utilize your operating system's built-in backup tools or third-party software for scheduled backups.

Safe Removal:

Always safely eject the SSD before disconnecting it from your device to prevent data corruption.

- **Windows:** Click the "Safely Remove Hardware and Eject Media" icon in the system tray, then select the SSD.
- **Mac:** Drag the SSD icon to the Trash or right-click (or Control-click) the SSD icon and select "Eject".
- **Android:** Eject the USB storage device through your phone's settings or notification panel.

MAINTENANCE

- **Physical Care:** Keep the SSD clean and free from dust. Use a soft, dry cloth for cleaning the metal housing.

- **Avoid Impact:** While durable, avoid dropping or subjecting the SSD to strong impacts.
- **Temperature:** Operate and store the SSD within recommended temperature ranges (typically 0°C to 70°C operating, -40°C to 85°C storage).
- **Data Integrity:** Regularly back up important data to another storage device to prevent data loss.
- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates.

TROUBLESHOOTING

SSD not recognized by computer:

- Ensure the USB cable is securely connected to both the SSD and the computer.
- Try a different USB port on your computer.
- Try a different USB cable.
- Restart your computer.
- Check Disk Management (Windows) or Disk Utility (Mac) to see if the drive is detected but uninitialized or unformatted.

Slow data transfer speeds:

- Ensure you are connected to a USB 3.0 or USB 3.1 port. Older USB 2.0 ports will result in significantly slower speeds.
- Verify that your computer's USB drivers are up to date.
- Avoid transferring many small files simultaneously, as this can reduce overall transfer speed.

SSD gets warm during use:

It is normal for the SSD to generate some heat during operation, especially during prolonged data transfers. The metal housing helps dissipate this heat. If it becomes excessively hot or causes system instability, discontinue use and contact support.

SPECIFICATIONS

Feature	Detail
Model Number	SHL-R320
Capacity	4 TB
Interface	USB 3.1 Type-C (Gen 1), USB 3.0 Micro B
Compatibility	Windows 7/10, iOS, Android (OTG function)
Supported M.2/NGFF Form Factors	2230, 2242, 2260, 2280
Housing Material	Aluminum Alloy
Color	Silver
Dimensions (L x W x H)	11.43 x 2.54 x 1.02 cm (4.5 x 1.0 x 0.4 inches)
Weight	54 g (0.12 lbs)
Special Feature	Portable

Note: Specifications are subject to change without notice.

WARRANTY INFORMATION

For detailed warranty information, please refer to the warranty card included with your product or visit the manufacturer's official website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you encounter any issues or have questions not covered in this manual, please contact the retailer or visit the manufacturer's support page for assistance. Please have your product model number (SHL-R320) and purchase details ready when contacting support.

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