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› Mediasonic ProRaid HUR6-SU31C USB Type C 2-Bay RAID Enclosure User Manual

Mediasonic HUR6-SU31C

Mediasonic ProRaid HUR6-SU31C USB Type C 2-Bay RAID Enclosure User Manual

Model: HUR6-SU31C | Brand: Mediasonic

INTRODUCTION

The Mediasonic ProRaid HUR6-SU31C is a high-performance 2-bay enclosure designed for 2.5-inch SATA SSDs and HDDs. It supports USB 3.1 Gen 2 with speeds up to 10Gbps and offers various RAID configurations (RAID 0, RAID 1, JBOD, Single Disk Mode) to optimize data storage for speed or redundancy. This manual provides detailed instructions for setting up, operating, and maintaining your device.

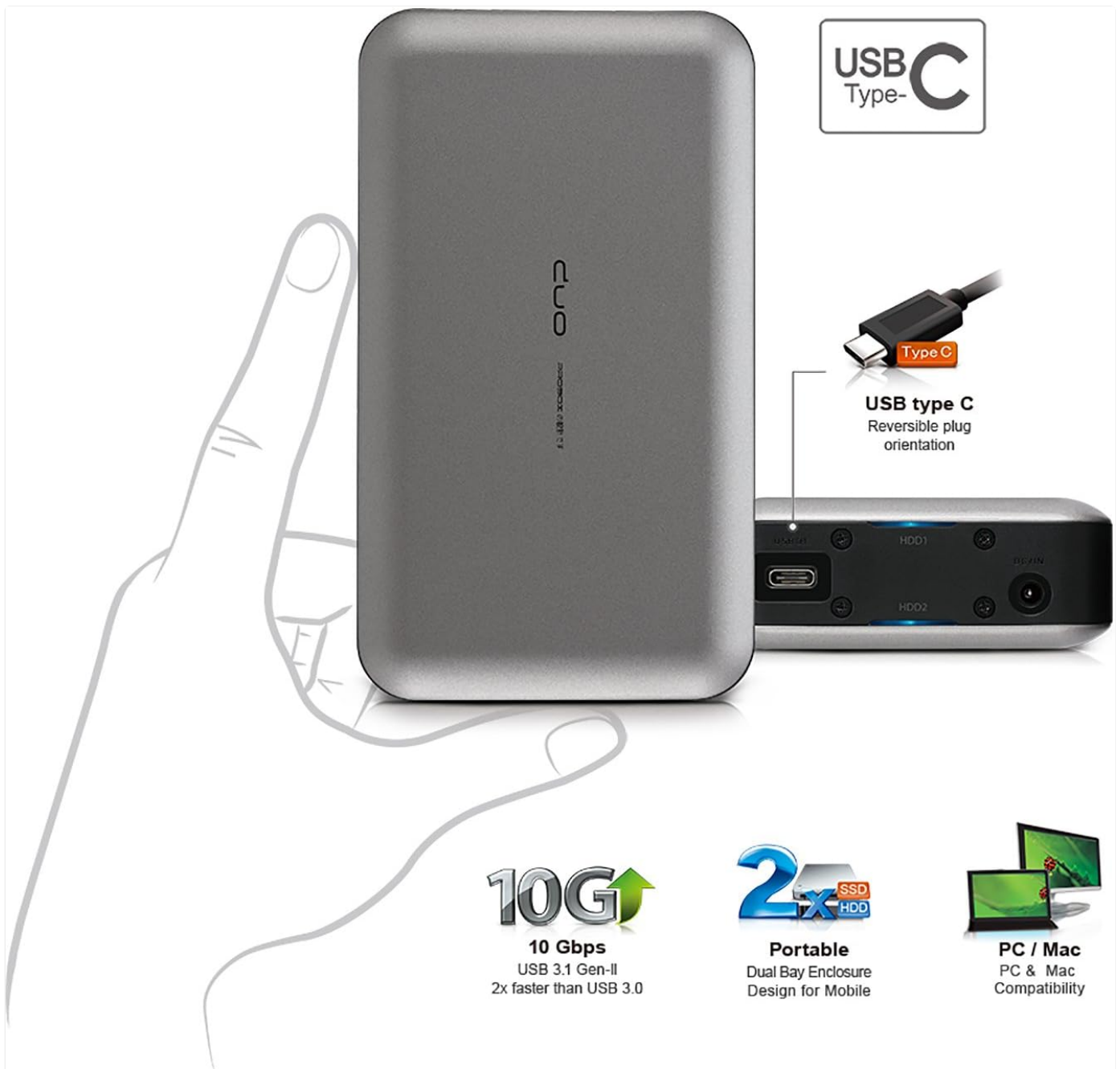


Figure 1: Mediasonic ProRaid HUR6-SU31C enclosure highlighting USB Type-C connectivity and 10Gbps speed.

SAFETY INFORMATION

- Read all instructions carefully before using the device.
- Do not expose the device to moisture, extreme temperatures, or direct sunlight.
- Ensure proper ventilation to prevent overheating.
- Use only the provided cables and, if necessary, a compatible power adapter (not included).
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to open or repair the device yourself. Refer to qualified service personnel.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Mediasonic ProRaid HUR6-SU31C Enclosure

- USB Type-C to Type-C Cable
- USB Type-C to Type-A Cable
- Screws for drive installation
- Mini screwdriver
- User Manual (this document)
- Rubber feet
- *Note: Power adapter is NOT included.*



Figure 2: Included items in the Mediasonic ProRaid HUR6-SU31C package.

PRODUCT OVERVIEW

The HUR6-SU31C enclosure features a durable design with essential ports for connectivity and power. It is designed to house two 2.5-inch SATA SSDs or HDDs.

Front Panel

- **LED Indicators:** Two blue LEDs indicate drive activity for HDD1 and HDD2.

Rear Panel

- **USB 3.1 Type-C Port:** For data connection to your computer.
- **DC IN Port:** For optional external power adapter (not included).
- **RAID Mode Switch:** Used to select the desired RAID configuration.
- **Reset Button:** Used in conjunction with the RAID mode switch.



Figure 3: Rear panel connections and indicators.

SETUP

1. Installing Drives

1. Carefully slide open the enclosure cover.
2. Connect your 2.5-inch SATA SSDs or HDDs to the internal SATA connectors. Ensure they are seated firmly.
3. Secure the drives using the provided screws and mini screwdriver.
4. Slide the enclosure cover back into place until it clicks securely.



Portable

Dual Bay Enclosure Design for Mobile

PRORAID
2-Bay 2.5" SSD/HDD RAID Enclosure | USB 3.1 Gen-II

Figure 4: Installation of 2.5-inch drives into the enclosure.

2. Configuring RAID Mode

The HUR6-SU31C supports four modes: JBOD, RAID 0, RAID 1, and Single Disk Mode. The RAID mode is set using the DIP switches on the rear panel. **Always configure RAID mode BEFORE connecting to your computer and BEFORE installing any drives with data you wish to keep, as changing modes will erase all data on the drives.**

RAID Mode Settings

Mode	DIP Switch 1	DIP Switch 2	Description
Single	OFF	OFF	Each drive appears as an independent volume.
JBOD	ON	OFF	Drives are combined into a single large volume, but data is written sequentially. No redundancy.
RAID 0	OFF	ON	Data is striped across both drives for maximum performance. No redundancy; failure of one drive means data loss.
RAID 1	ON	ON	Data is mirrored across both drives for redundancy. Half the total storage capacity, but data is protected if one drive fails.

After setting the DIP switches, press and hold the **Reset Button** for 5 seconds to apply the new RAID configuration. The enclosure will then format the drives according to the selected mode.

3. Connecting to Computer

Connect the enclosure to your computer using the provided USB Type-C to Type-C cable or USB Type-C to Type-A cable. For optimal performance, use a USB 3.1 Gen 2 compatible port on your computer.

4. Power Connection (Optional)

For most SSDs, the enclosure can draw sufficient power directly from the USB connection. However, for some HDDs or if your USB port does not provide enough power, an optional 5V DC power adapter (not included) can be connected to the DC IN port. This is recommended for stable operation, especially with HDDs.

OPERATING INSTRUCTIONS

LED Indicators

- **Solid Blue:** Drive is powered on and idle.
- **Flashing Blue:** Drive activity (reading or writing data).

Data Transfer

Once connected and recognized by your operating system, the enclosure will appear as a storage device. You can drag and drop files, or use backup software as you would with any other external drive. The USB 3.1 Gen 2 interface provides transfer speeds up to 10Gbps, significantly faster than older USB standards.

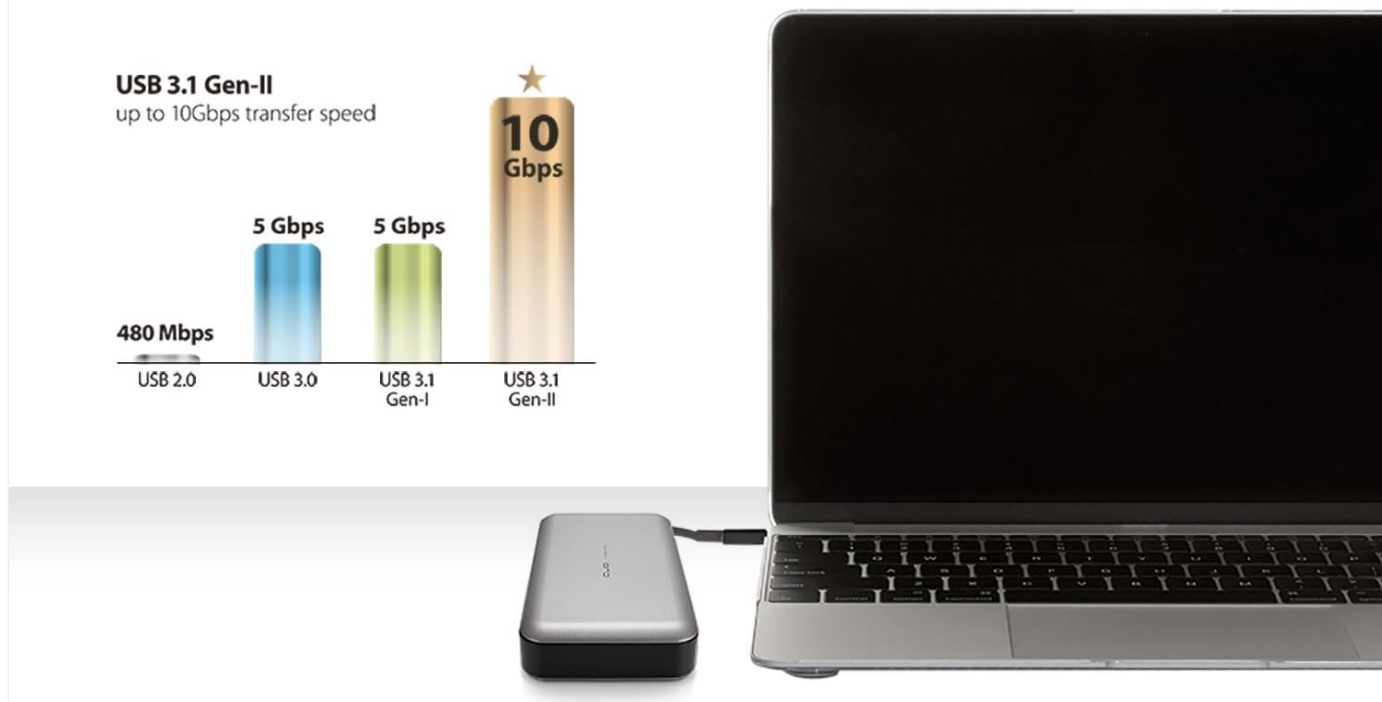


Figure 5: USB 3.1 Gen 2 offers up to 10Gbps transfer speed.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the enclosure. Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure the enclosure is placed in a well-ventilated area to allow for proper heat dissipation. Avoid blocking any vents.
- **Firmware Updates:** Periodically check the Mediasonic website for any available firmware updates for your model to ensure optimal performance and compatibility.

TROUBLESHOOTING

Device Not Recognized

- Ensure all cables are securely connected.
- Try a different USB port on your computer.
- If using HDDs, connect an optional external power adapter.
- Verify that the drives are properly installed and seated within the enclosure.
- Check your computer's Disk Management (Windows) or Disk Utility (macOS) to see if the drives are detected but unformatted or uninitialized.

Slow Transfer Speeds

- Ensure you are connected to a USB 3.1 Gen 2 (10Gbps) port on your computer. Older USB ports will result in lower speeds.
- Verify the quality of your USB cable. Use the provided cable or a certified USB 3.1 Gen 2 cable.

- The performance of your drives (SSD vs. HDD) and their individual speeds will affect overall transfer rates.

Enclosure Runs Hot

- It is normal for the enclosure to generate some heat during operation, especially with HDDs or during heavy data transfer.
- Ensure adequate airflow around the enclosure. Do not place it in an enclosed space.
- If using HDDs, consider using the optional external power adapter to reduce strain on the USB power delivery.

Data Loss After RAID Configuration Change

Changing RAID modes will erase all data on the installed drives. Always back up your data before changing RAID configurations. This is expected behavior for hardware RAID controllers.

SPECIFICATIONS

Feature	Detail
Model	HUR6-SU31C
Interface	USB 3.1 Gen 2 Type-C
Data Transfer Rate	Up to 10 Gbps
Drive Compatibility	2 x 2.5" SATA I/II/III SSD/HDD (7mm/9.5mm)
Max Capacity	Up to 2 x 10TB per drive
RAID Modes	RAID 0, RAID 1, JBOD, Single
Material	ABS Plastic
Color	Grey
Dimensions	<i>(Not provided in source, placeholder)</i>
Weight	4.48 ounces (approx. 127g)
Power Input	USB Bus Power or Optional 5V DC Adapter (not included)
Operating System Support	Windows, macOS



Figure 6: High-quality USB Type-C cable specifications.

WARRANTY AND SUPPORT

This Mediasonic ProRaid HUR6-SU31C enclosure comes with an **18-month warranty** from the Mediasonic Store. For technical support, troubleshooting assistance, or warranty claims, please visit the official Mediasonic website or contact their customer service directly. Please have your product model number (HUR6-SU31C) and proof of purchase ready when contacting support.

For additional information and resources, you may visit the Mediasonic Store on Amazon.

