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> ORICO USB 3.0 Flash Drive 512GB User Manual

## ORICO ORICO-USSD-C-A512G-SV-US

# ORICO USB 3.0 Flash Drive User Manual

Model: ORICO-USSD-C-A512G-SV-US

Brand: ORICO

## INTRODUCTION

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The ORICO USB 3.0 Flash Drive is a high-performance, portable data storage device designed for efficient and reliable file transfer. Featuring a 512GB capacity and a read speed of up to 520 MB/s, this metal thumb drive utilizes USSD technology to provide fast and stable performance. It is compatible with a wide range of devices including computers and laptops, making it ideal for various data storage and transfer needs.



Figure 1: ORICO USB 3.0 Flash Drive, showcasing its sleek metal design and detachable cap.

## SETUP

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Setting up your ORICO USB 3.0 Flash Drive is straightforward. It is a plug-and-play device, requiring no special drivers for most operating systems.

1. **Unpack the Device:** Carefully remove the flash drive from its packaging.
2. **Remove the Protective Cap:** Gently pull off the metal cap to expose the USB-A connector.
3. **Connect to Your Device:** Insert the USB-A connector into an available USB 3.0 (blue port for optimal speed) or USB 2.0 port on your computer, laptop, or other compatible device.
4. **Device Recognition:** Your operating system should automatically detect the flash drive and make it available for use. You may see a pop-up notification or find it listed under "This PC" (Windows) or "Finder" (macOS).



Figure 2: The flash drive connected to a tablet, illustrating its broad compatibility.

## OPERATING INSTRUCTIONS

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The ORICO USB 3.0 Flash Drive is designed for simple and efficient data management.

### Data Transfer

To transfer files to or from the flash drive:

1. **Open File Explorer/Finder:** Navigate to "This PC" (Windows) or "Finder" (macOS) and locate the ORICO flash drive.
2. **Drag and Drop:** Drag and drop files or folders from your computer to the flash drive, or vice versa.
3. **Copy and Paste:** Alternatively, right-click on the desired files/folders, select "Copy," then navigate to the destination (flash drive or computer) and select "Paste."



## WRC series Flash Drive



Stable



Storage



Figure 3: Demonstrating the high-speed data transfer capabilities of the drive, with indicated read and write speeds.

The drive supports high-speed data transfer, with read speeds up to 520 MB/s, ensuring quick and efficient handling of large files such as 4K videos, high-resolution images, and extensive documents.

### Safe Removal

Always safely eject the flash drive before physically removing it to prevent data corruption:

- **Windows:** Click the "Safely Remove Hardware and Eject Media" icon in the system tray, then select the ORICO flash drive.
- **macOS:** Drag the flash drive icon from the desktop to the Trash, or right-click (or Control-click) the flash drive icon and select "Eject."

### Video Demonstration: USSD Flash Drive in Action

Your browser does not support the video tag.

Video 1: This video demonstrates the ORICO USSD flash drive's high-speed capabilities in various scenarios, including video editing and large file transfers, highlighting its efficiency and ease of use.

### MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your ORICO USB 3.0 Flash Drive.

- **Keep it Clean:** Use a soft, dry cloth to wipe the exterior of the flash drive. Avoid using liquid cleaners or abrasive materials.
- **Protect the Connector:** Always replace the protective cap when the drive is not in use to prevent dust and debris from entering the USB connector.
- **Avoid Extreme Temperatures:** Store the drive in a cool, dry place. While designed for low temperature operation, prolonged exposure to extreme heat or cold can affect performance and lifespan.
- **Physical Protection:** The drive features an alloy material for durability, offering waterproof (IPX7), dust-proof, and

shock-proof properties. However, avoid intentional drops or excessive force.

# Alloy Material

Protects USB flash drive & Fast heat dissipation



-   
Waterproof IPX7
-   
Dust-proof
-   
Shock-proof
-   
Temperature

Figure 4: The durable alloy construction of the ORICO flash drive, highlighting its protective features against water, dust, shock, and temperature fluctuations.

# Low Temperature

The actual test use 30 minutes, the temperature is 54°C

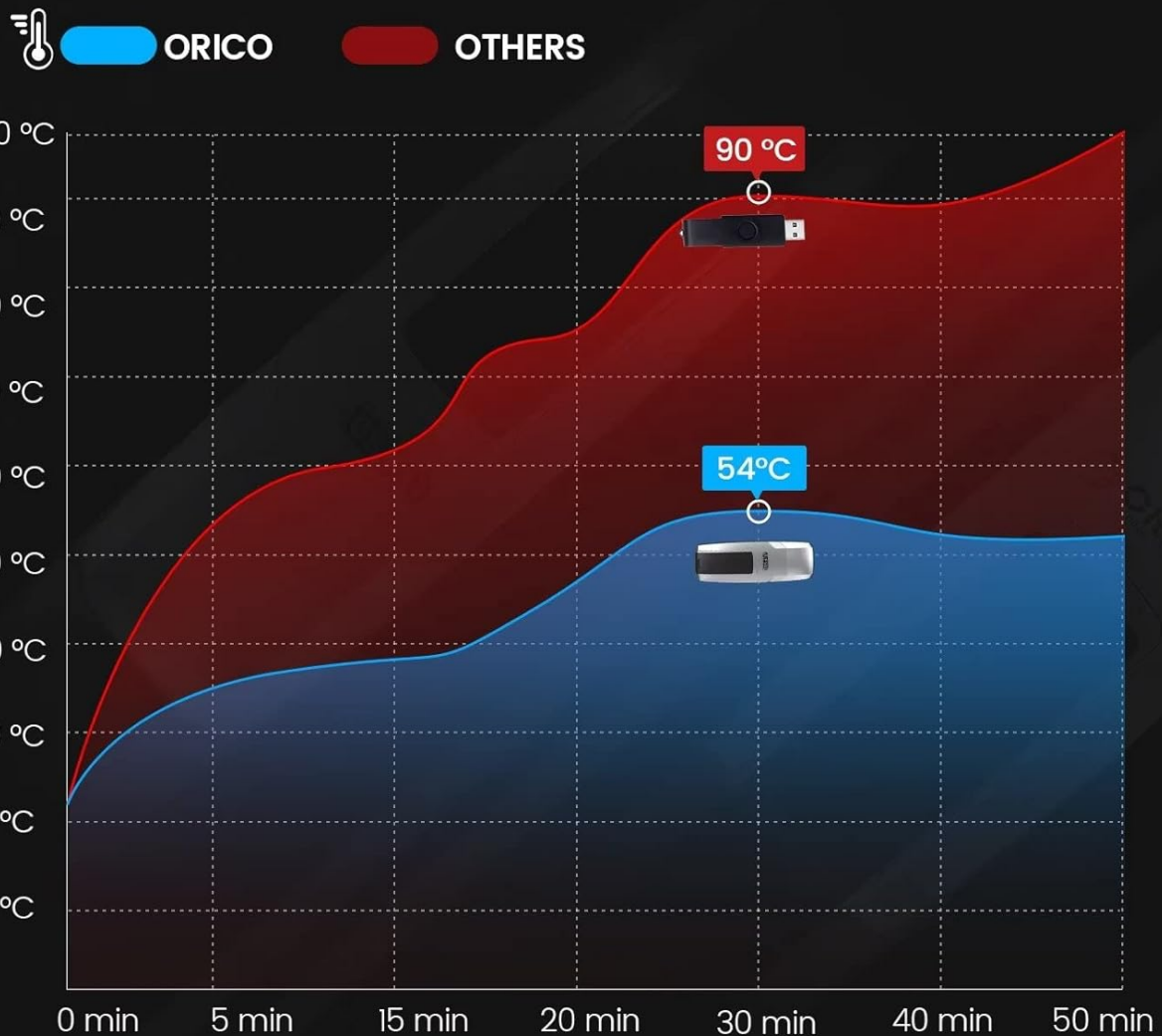


Figure 5: Temperature performance comparison, showing the ORICO drive maintains a lower temperature during extended use.

## TROUBLESHOOTING

If you encounter issues with your ORICO USB 3.0 Flash Drive, try the following solutions:

### • Drive Not Recognized:

- Try plugging the drive into a different USB port on your computer.
- Test the drive on another computer to determine if the issue is with the drive or your computer's USB ports.
- Ensure the drive is fully inserted into the USB port.
- Check Device Manager (Windows) or System Information (macOS) to see if the drive is listed, even if it's not assigned a drive letter.

### • Slow Transfer Speeds:

- Ensure you are using a USB 3.0 port (often identified by a blue internal tab). USB 2.0 ports will result in slower speeds.

- Close other applications that might be using system resources or performing background transfers.
- Defragment your hard drive (for Windows) or verify disk permissions (for macOS) if your computer's performance is generally slow.

- **Cannot Format Drive:**

- Ensure the drive is not write-protected.
- Try formatting the drive using Disk Management (Windows) or Disk Utility (macOS).
- If the drive was previously used with a specific device (e.g., car stereo), its format might be incompatible. Refer to the device's manual for supported formats and reformat the USB stick accordingly. *Note: Formatting will erase all data on the drive. Back up important files first.*

- **Data Corruption:**

- Always safely eject the drive before removing it. Improper removal can lead to data corruption.
- Run a disk check utility (e.g., `chkdsk` on Windows, First Aid on macOS Disk Utility) to scan and repair errors.

## SPECIFICATIONS

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Feature	Detail
Brand	ORICO
Model Number	ORICO-USSD-C-A512G-SV-US
Memory Storage Capacity	512 GB
Hardware Interface	USB 3.0 (USB3.2 Gen1 high speed transfer protocol)
Read Speed	Up to 520 MB/s
Special Feature	Portable, Metal Casing, Low Temperature Operation, Waterproof (IPX7), Dust-proof, Shock-proof
Package Dimensions	5.51 x 3.39 x 0.87 inches
Item Weight	2.4 ounces
Manufacturer	ORICO Technologies Co.,Ltd

# Extra Large Capacity






								
<b>1T</b>	+	57600 PHOTOS	+	2560 MINUTES	+	64000 SONGS	+	256 MINUTES
<b>512 GB</b>	+	28800 PHOTOS	+	1280 MINUTES	+	32000 SONGS	+	128 MINUTES
<b>256 GB</b>	+	14400 PHOTOS	+	640 MINUTES	+	16000 SONGS	+	64 MINUTES
<b>128 GB</b>	+	7200 PHOTOS	+	320 MINUTES	+	8000 SONGS	+	32 MINUTES
<b>64 GB</b>	+	3600 PHOTOS	+	160 MINUTES	+	4000 SONGS	+	16 MINUTES
<b>32 GB</b>	+	1800 PHOTOS	+	80 MINUTES	+	2000 SONGS	+	8 MINUTES
<b>16 GB</b>	+	900 PHOTOS	+	40 MINUTES	+	1000 SONGS	+	4 MINUTES

Figure 6: Detailed capacity chart illustrating how much data can be stored on various ORICO flash drive capacities, including 512GB.

## WARRANTY AND SUPPORT

ORICO products are designed for reliability and performance. For specific warranty details and support, please refer to the information provided with your product packaging or visit the official ORICO website.

- **Warranty Information:** The product typically comes with a manufacturer's warranty covering defects in materials and workmanship. Please retain your proof of purchase for warranty claims.
- **Technical Support:** For technical assistance, troubleshooting, or product inquiries, please contact ORICO customer support. Contact details can usually be found on the ORICO official website or in the product's included documentation.
- **Data Recovery Plans:** Optional data recovery plans may be available for purchase separately to protect your valuable data. (e.g., 2-year Photo and Data Recovery Plan, 3-year Photo and Data Recovery Plan).

For the most up-to-date information, please visit the [ORICO Official Website](#).