

[Manuals.plus](#) /

› [ORICO](#) /

› ORICO TC10 USB 3.0 mSATA SSD Enclosure Instruction Manual

ORICO TC10

ORICO TC10 USB 3.0 mSATA SSD Enclosure Instruction Manual

Model: TC10

1. INTRODUCTION

The ORICO TC10 USB 3.0 mSATA SSD Enclosure is designed to convert an mSATA SSD into a portable external storage device. It offers high-speed data transfer and broad compatibility, making it ideal for data backup, storage expansion, and data recovery.

- **High-Speed Performance:** Equipped with a high-speed transmission chip, supporting UASP & TRIM instructions for data transfer speeds up to 5Gbps. Includes a versatile USB-C to C/A data cable.
- **Transparent Design:** The enclosure features a transparent PC material case, allowing visibility of the internal SSD and components.
- **Tool-Free Installation:** Designed for easy, tool-free setup, enabling quick plug-and-play functionality.
- **Broad Compatibility:** Supports 30*50mm mSATA SSDs and is compatible with Windows, Linux, Android, and macOS systems. It supports up to 2TB capacity.
- **Portable and Efficient:** Revive idle mSATA SSDs from old laptops by transforming them into portable external drives. Features an automatic sleep function after 10 minutes of inactivity to save power and extend SSD lifespan.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1x mSATA Enclosure
- 1x 2-in-1 Data Cable (USB-C to C/A)
- 1x Instruction Book
- Screws (for securing SSD)
- Screwdriver

Packing List



- | | | |
|-------------------|--------------------|----------------|
| 1 Package | 2 Instruction Book | 3 2 in 1 Cable |
| 4 mSATA Enclosure | 5 Screw | 6 Screwdriver |

Figure 1: Package Contents of the ORICO TC10 mSATA SSD Enclosure.

3. SETUP AND INSTALLATION

Follow these steps to install your mSATA SSD into the enclosure:

1. **Slide to Open the Cover:** Gently slide the top cover of the enclosure to open it. This design allows for tool-free

access to the internal components.



Figure 2: Opening the enclosure by sliding the cover.

2. **Secure mSATA SSD:** Insert your 30*50mm mSATA SSD into the designated slot on the PCB. Use the provided screwdriver and screws to firmly secure the SSD in place.



Figure 3: Installing and securing the mSATA SSD.

3. **Close the Cover:** Once the SSD is securely installed, slide the cover back onto the enclosure until it clicks into place, ensuring it is fully closed.



Figure 4: Closing the enclosure.

4. **Connect to Device:** Connect the enclosure to your computer or compatible device using the provided USB-C to C/A data cable. The device is plug-and-play, requiring no additional drivers.



Figure 5: Connecting the enclosure to a device.

Video 1: A short demonstration of installing an mSATA SSD into the ORICO transparent enclosure and connecting it.

4. OPERATING INSTRUCTIONS

Once connected, the ORICO TC10 enclosure functions as a standard external drive. The LED indicator will illuminate when connected and flash during data transfer.

- **Plug and Play:** The enclosure is automatically recognized by most operating systems (Windows, macOS, Linux, Android). No drivers are typically required.

- **Data Transfer:** Drag and drop files to and from the drive, or use your system's copy/paste functions. The 5Gbps USB 3.0 interface ensures fast transfer speeds.
- **UASP & TRIM Support:** These technologies optimize data transfer efficiency and help maintain SSD performance and longevity.
- **Automatic Sleep:** To conserve power and extend the life of your SSD, the enclosure will automatically enter sleep mode after 10 minutes of inactivity. It will wake up automatically upon access.
- **Initial Use:** For a new SSD, it may need to be initialized and formatted through your operating system's Disk Management utility before it can be used.

5. MAINTENANCE

Proper care can extend the life of your ORICO TC10 enclosure and the installed SSD:

- Keep the enclosure clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Handle the enclosure gently to prevent physical damage.
- Always safely eject the drive from your operating system before disconnecting it to prevent data corruption.

6. TROUBLESHOOTING

If you encounter issues, try the following:

- **Device Not Recognized:**
 - Ensure the USB cable is securely connected to both the enclosure and the computer.
 - Try connecting to a different USB port on your computer.
 - Test with a different USB cable if available.
 - Verify the mSATA SSD is correctly installed and secured within the enclosure.
 - For new SSDs, check Disk Management (Windows) or Disk Utility (macOS) to ensure it is initialized and formatted.
- **Slow Transfer Speeds:**
 - Ensure you are connected to a USB 3.0 port (usually blue inside). Connecting to a USB 2.0 port will result in slower speeds.
 - Check the health of your mSATA SSD.
 - Ensure your operating system supports UASP for optimal performance.
- **Enclosure Gets Warm:**
 - It is normal for SSDs to generate some heat during operation, especially during heavy use. The transparent PC material helps dissipate heat.
 - If it becomes excessively hot, ensure there is adequate airflow around the enclosure.

7. SPECIFICATIONS

Feature	Specification
Model	TC10-USB-C/A
Brand	ORICO
Compatible SSD Type	mSATA SSD (30*50mm)
Max Capacity	2 TB
Interface	USB 3.0
Data Transfer Rate	5 Gigabits Per Second
Connectivity Technology	USB
Compatible Devices	Desktop, Laptop, Smartphone, Tablet, Television
Compatible Systems	Windows, Linux, Android, macOS
Material	Plastic (Transparent PC)
Item Weight	0.11 Kilograms (3.84 ounces)
Package Dimensions	5.35 x 4.72 x 0.75 inches
Special Features	UASP & TRIM Support, Tool-Free, Automatic Sleep (10 mins)

8. IMPORTANT SAFETY INFORMATION

- Do not disassemble or modify the product.
- Keep away from water, fire, and corrosive materials.
- Avoid dropping or subjecting the device to strong impacts.
- Use only the provided or certified compatible cables.

9. WARRANTY AND SUPPORT

Warranty information for your ORICO TC10 mSATA SSD Enclosure is typically included with the product packaging. For detailed warranty terms, technical support, or further assistance, please visit the official ORICO website or contact their customer service.

Official ORICO Website: www.orico.cc

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

Open the live page

<https://manuals.plus/asin/B0DB8HNR5G>

More documents and user manuals: **<https://manuals.plus/>**