

Acer ODK540

Acer USB C to Dual HDMI Adapter (Model ODK540) User Manual

Model: ODK540 | Brand: Acer

1. INTRODUCTION

This manual provides detailed instructions for the Acer USB C to Dual HDMI Adapter (Model ODK540). This 4-in-1 adapter is designed to expand the connectivity of your USB-C enabled device, offering dual 4K@60Hz HDMI outputs, a USB 3.0 port for data transfer, and 100W Power Delivery (PD) charging. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's capabilities.

2. PRODUCT FEATURES

- Multifunctional 4-in-1 Connectivity:** Integrates two HDMI ports (4K@60Hz), one USB-A 3.0 port (5Gbps), and one USB-C Power Delivery port (100W input).
- Dual 4K@60Hz Display:** Supports stunning 4K@60Hz resolution on both single and dual displays. Ensure all connected devices (laptop, cables, monitors) support HDMI 2.0 or higher for optimal performance.
- Super-Fast 5Gbps Data Transfer:** Equipped with a USB-A 3.0 port for high-speed file transfers, ideal for large data volumes.
- Reliable 100W Power Delivery:** Supports up to 100W input and delivers up to 90W to your laptop, ensuring continuous power during use. A 65W or higher power adapter and cable (not included) are required. Your laptop's USB-C port must support Power Delivery.
- Compact and Portable Design:** Features an aluminum alloy casing for efficient heat dissipation and a braided nylon cable for durability.

3. PACKAGE CONTENTS

- Acer USB C to Dual HDMI Adapter (Model ODK540)
- Integrated USB-C cable (approximately 20 cm / 0.66 ft)

Please ensure all items are present and in good condition. If any items are missing or damaged, contact customer support.

4. SETUP INSTRUCTIONS

- Verify Laptop Compatibility:** Ensure your laptop's USB-C port supports DisplayPort Alternate Mode (DP Alt Mode)

for video output. This is often indicated by a Thunderbolt symbol, a 'D' symbol, or a full-function USB-C port. Ports labeled 'Data Transfer Only' or 'Charging Only' are not compatible for video output.

2. **Connect to Laptop:** Plug the integrated USB-C cable of the adapter into a compatible USB-C port on your laptop.
3. **Connect Monitors:** Connect your HDMI monitors to the HDMI 1 and HDMI 2 ports on the adapter using HDMI 2.0 or higher cables.
4. **Connect Power (Optional but Recommended):** For stable operation and to charge your laptop, connect a 65W or higher USB-C PD power adapter (not included) to the USB-C PD port on the adapter.
5. **Connect USB Devices (Optional):** Plug any USB-A devices, such as a mouse, keyboard, or USB drive, into the USB 3.0 port on the adapter.



Image: Overview of the Acer USB C to Dual HDMI Adapter showing its HDMI, USB 3.0, and PD ports.

Check if Your Laptop Tablet / Phone Support Video Output

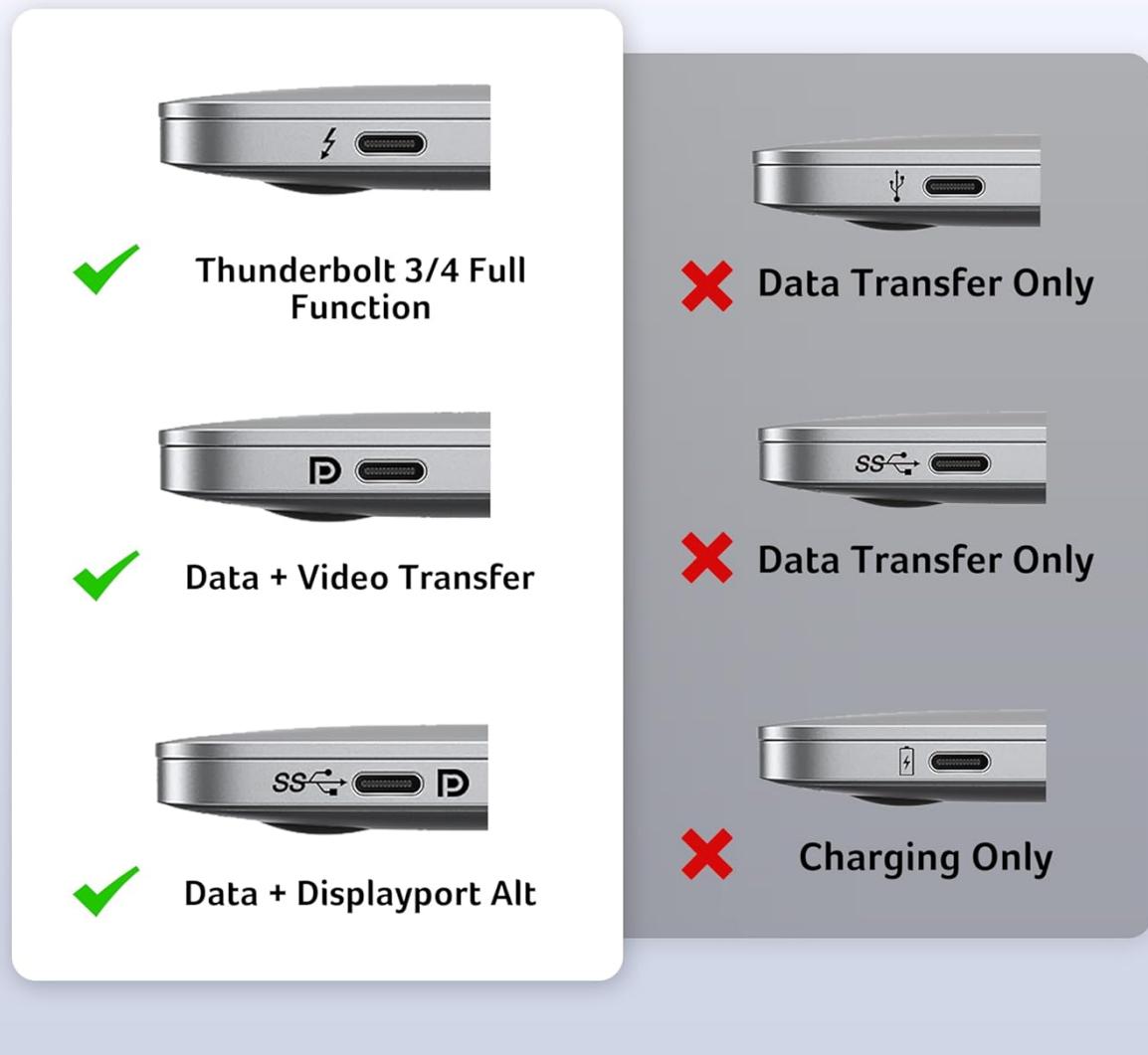


Image: Guide to checking your laptop's USB-C port for video output compatibility (Thunderbolt, Data+Video Transfer, Data+Displayport Alt are compatible; Data Transfer Only, Charging Only are not).

5. OPERATING INSTRUCTIONS

5.1 Display Modes

Once connected, your operating system should automatically detect the external monitors. You may need to configure the display settings to achieve your desired setup.

- **For Windows Users:**

Right-click on your desktop and select "Display settings" or press **Windows Key + P**. You can choose between:

- **Duplicate (Mirror) Mode (A-A-A):** Displays the same content on all screens.
- **Extend Mode (A-B-B or A-B-C):** Extends your desktop across multiple screens. For A-B-C (MST Mode), ensure your laptop supports Multi-Stream Transport.

- **For macOS Users:**

Go to **Apple menu > System Preferences > Displays**. macOS does not support Multi-Stream Transport (MST). Therefore, dual display is limited to:

- **Mirror Mode (A-A-A):** Both external monitors will mirror the laptop display.
- **Extend Mode (A-B-B):** The two external monitors will display the same extended content, different from the laptop display. It does not support A-B-C (three independent displays).

• **For Chromebook Users:**
Most Chromebooks do not support MST. You will typically be limited to mirror mode or a single extended display.

Multiple Display Modes

Windows



Mirror Mode (A-A-A)



Extend Mode (A-B-B)



MST Mode (A-B-C)

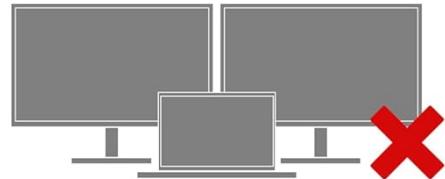
macOS



Mirror Mode (A-A-A)



Extend Mode (A-B-B)



~~MST Mode (A-B-C)~~



NOTE: The macOS System doesn't support MST(A-B-C) Mode

Image: Visual representation of Mirror Mode and Extend Mode configurations for Windows and macOS, highlighting macOS MST limitations.

Dual Monitor 4K@60Hz Output



Note:

- 1.macOS does not support MST; both monitors mirror the same content.
- 2.Resolution and refresh rate vary by cable, computer, and connection.

Image: A laptop connected to two external monitors, demonstrating a dual monitor setup. A note indicates macOS MST limitations.

5.2 Data Transfer

The USB-A 3.0 port supports data transfer speeds up to 5Gbps. Connect your USB storage devices, external hard drives, or other peripherals for fast data exchange.

5Gbps

Ultra Fast Speed

10X Faster Than USB 2.0

5Gbps
USB 3.0

480Mbps
USB 2.0

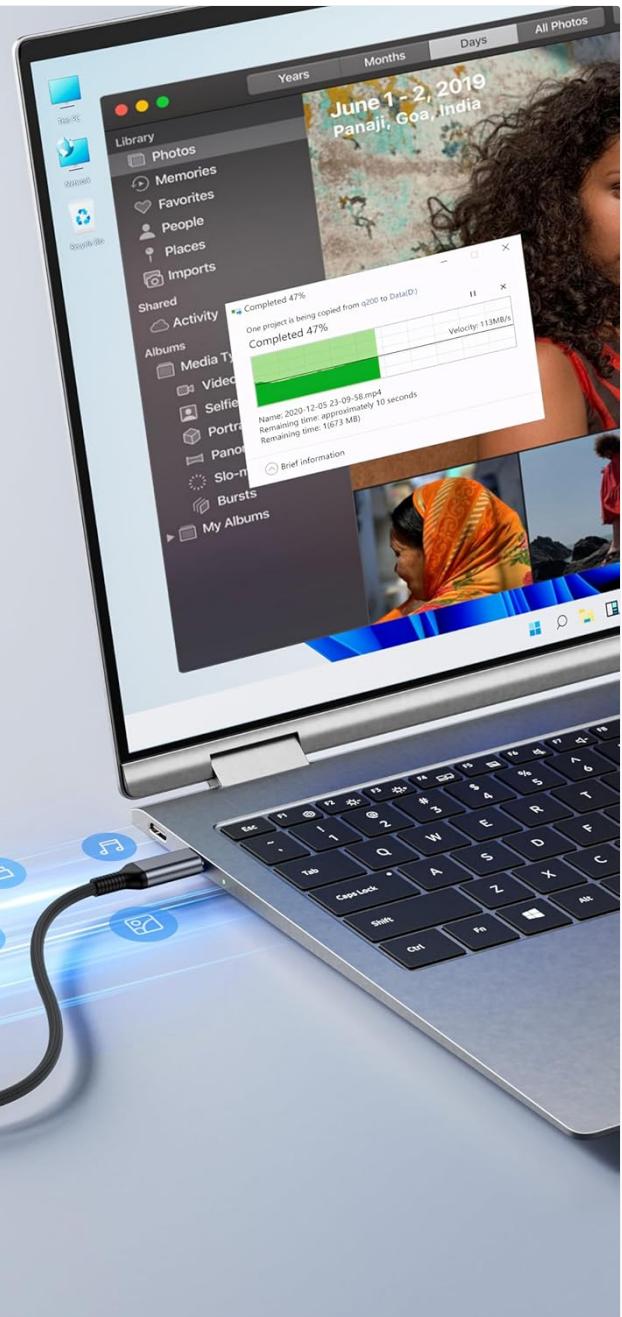


Image: A laptop connected to the adapter, with a USB flash drive inserted into the USB 3.0 port, illustrating high-speed data transfer.

5.3 Power Delivery

The USB-C PD port allows you to charge your laptop while using the adapter. Connect your laptop's original power adapter or a compatible 65W+ USB-C PD charger to this port. The adapter supports up to 100W input and delivers up to 90W to your laptop.

100W Max Powerful PD Charging



! **Note:**

1. Charger and cable not included. Use a 65W+ PD USB-C charger for best performance
2. Do not plug or unplug the PD charger while screen sharing or transferring files.

Image: Illustration of the power delivery function, showing a 100W power input to the adapter and 90W output to a connected laptop.

6. COMPATIBILITY

This adapter is compatible with Windows and macOS devices that support DisplayPort Alternate Mode (DP Alt Mode) via their USB-C port. This enables display, charging, and data transfer functionalities.

Supported Devices Include:

- Acer laptops
- Dell XPS series
- Lenovo laptops
- Microsoft Surface devices
- HP laptops
- ASUS laptops
- MacBook Air/Pro models
- Samsung laptops and smartphones
- Various accessories like mice and keyboards



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Featured Brands :Acer、Nitro、emachines、e10、Pawbo、Xplova

Image: A visual guide to wide compatibility, featuring various laptop, tablet, and phone models.

7. MAINTENANCE

- Keep the adapter clean and dry. Avoid exposure to liquids or extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. This may void the warranty and cause damage.
- Store the adapter in a safe place when not in use to prevent physical damage.
- Avoid bending the integrated USB-C cable excessively to prevent internal wire damage.

8. TROUBLESHOOTING

• No Display or Flickering Screen:

- Ensure your laptop's USB-C port supports video output (DP Alt Mode).
- Check all cable connections (USB-C to adapter, HDMI to monitors) are secure.
- Verify that your HDMI cables are HDMI 2.0 or higher and in good condition.
- Test with a single monitor first to isolate the issue.
- Restart your laptop and reconnect the adapter.

• Cannot Achieve Dual HDMI Display Simultaneously:

- For Windows, go to Display Settings and ensure "Extend these displays" is selected, not "Show desktop only on 1" or "Show desktop on 2".
- For macOS, remember that MST (Multi-Stream Transport) is not supported. Dual monitors will either mirror the laptop (A-A-A) or mirror each other while extending from the laptop (A-B-B).
- For Chromebooks, most do not support MST, limiting to mirror mode or single display.

• Laptop Not Charging via Adapter:

- Ensure your laptop's USB-C port supports Power Delivery.
- Use a 65W or higher USB-C PD power adapter and cable (not included).
- Do not plug or unplug the PD charger while screen sharing or transferring files to avoid interruptions.

- **Delay or Interference with Wireless Mouse/Keyboard:**

- If using a 2.4GHz wireless mouse or keyboard, the product may cause interference.
- It is recommended to reduce the distance between the wireless receiver and the mouse/keyboard to minimize interference.

- **Adapter Feels Warm:**

- It is normal for the adapter to become warm during heavy use, especially when charging and driving multiple displays. The aluminum alloy design aids in heat dissipation.
- At full load, the surface temperature may reach about 122°F (50°C). This is within normal operating parameters.



Image: A summary of common troubleshooting steps and user tips for display settings, USB device interference, and power delivery.

9. SPECIFICATIONS

| | |
|-----------------------------|---|
| Model Number | ODK540 |
| Brand | Acer |
| Color | Grey |
| Hardware Interface | 2x HDMI, 1x USB 3.0, 1x USB Type C (PD) |
| HDMI Output | Dual 4K@60Hz (HDMI 2.0 compatible) |
| USB-A Data Port | 1x USB 3.0 (5Gbps) |
| USB-C Power Delivery | Up to 100W input, 90W output to laptop |
| Cable Length | 20 cm (0.66 ft) |
| Item Weight | 3.87 ounces |
| Package Dimensions | 6.42 x 6.42 x 0.28 inches |
| Special Features | Fast Charging, Fast Data Transfer, Lightweight, Plug and Play, Portable |

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Acer website or contact Acer customer service directly. Keep your purchase receipt for warranty claims.