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UGREEN 45172

UGREEN USB C Extension Cable (1.5Ft/10Gbps/100W) User Manual

Model: 45172

1. Introduction

The UGREEN USB C Extension Cable is designed to extend the reach of your USB-C connections, providing enhanced flexibility for charging, data transfer, and video output. This cable supports high-speed data transmission, rapid power delivery, and 4K video output, making it suitable for a wide range of USB-C enabled devices.



Image 1: UGREEN USB C Extension Cable, showcasing the male and female USB-C connectors and braided cable design.

2. Product Features

- **100W/5A Fast Charging:** Supports Power Delivery up to 100W (20V/5A) for rapid charging of laptops, tablets, and smartphones.
- **10 Gbps Data Transfer:** Utilizes USB 3.2 Gen2 technology for super-speed data transfer, up to 20 times faster than USB 2.0.
- **4K@60Hz Video Output:** Capable of extending video connections for Ultra HD 4K@60Hz HDR output between compatible USB-C devices and monitors. *Note: Video function requires the USB-C device to support DisplayPort Alternate Mode (DP Alt Mode).*
- **Port Protection:** Helps prevent wear and tear on your device's USB-C port by reducing frequent plugging and unplugging.
- **Durable Construction:** Features a braided nylon cable and triple-shielded tinned copper wire for enhanced stability, reliability, and longevity.



Image 2: Illustration of USB 3.2 10Gbps data transfer speed compared to USB 3.0, highlighting fast file synchronization.



Image 3: A user connecting a device to a large monitor via the extension cable for 4K@60Hz video output, demonstrating media sharing.

3. Setup Instructions

1. **Identify Ports:** Locate the USB-C port on your host device (e.g., laptop, tablet, smartphone) and the USB-C port on the peripheral device (e.g., monitor, hub, charger).
2. **Connect Male End:** Insert the male USB-C connector of the UGREEN extension cable into the USB-C port of your host device.
3. **Connect Female End:** Insert the USB-C cable from your peripheral device into the female USB-C port of the UGREEN extension cable.
4. **Verify Connection:** Ensure both connections are secure. The cable is designed for plug-and-play functionality.



Image 4: A laptop connected to an external hard drive via the UGREEN USB C Extension Cable, illustrating port extension for multitasking.

4. Operating Instructions

4.1. Charging Devices

Connect your USB-C charger to the female end of the extension cable, and the male end to your device. The cable supports up to 100W Power Delivery, allowing for fast charging of compatible devices.



Image 5: A person charging a Nintendo Switch console using the UGREEN USB C Extension Cable, demonstrating its charging capability.

4.2. Data Transfer

For high-speed data transfer, connect your data storage device (e.g., external hard drive, USB-C hub with data ports) to the female end of the extension cable, and the male end to your computer. The cable facilitates data transfer speeds of up to 10Gbps.

4.3. Video Output

To extend your display to an external monitor, connect a USB-C to USB-C video cable from your monitor to the female end of the extension cable, and the male end of the extension cable to your host device. Ensure both your host device and monitor support DisplayPort Alternate Mode (DP Alt Mode) for video output. The cable supports resolutions up to 4K@60Hz.

5. Maintenance

- **Cleaning:** Gently wipe the cable and connectors with a dry, soft cloth. Avoid using liquid cleaners or abrasive materials.
- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures. Avoid sharp bends or kinks in the cable to prevent internal damage.

- **Handling:** Always grasp the connector ends when plugging or unplugging the cable, rather than pulling on the cable itself.



Image 6: Diagram illustrating the cable's durability and bend lifespan, indicating its robust construction.

6. Troubleshooting

- **No Charging/Slow Charging:**
  - Ensure both ends of the cable are securely connected.
  - Verify that your charger and device support the required power delivery (e.g., 100W).
  - Test with a different USB-C cable or charger to rule out other component issues.
- **No Data Transfer:**
  - Check all connections.
  - Confirm that your devices and the connected peripheral support USB 3.2 Gen2 data speeds.
  - Some USB-C connections can be sensitive to orientation; try flipping the male connector if issues persist.

- **No Video Output:**
  - Ensure your host device and external monitor both support DisplayPort Alternate Mode (DP Alt Mode) over USB-C.
  - Verify that the USB-C to USB-C cable used for video is also fully functional and supports video transmission.
  - Check monitor input settings.
- **Incompatibility with Thunderbolt 3 Docking Stations:**
  This USB-C extender is not compatible with active Thunderbolt 3 docking stations, hubs, or cables. For such setups, direct connection or passive Thunderbolt 3 certified extensions may be required.

7. Specifications

Brand	UGREEN
Model Number	45172
Connector Type	USB Type C (Male to Female)
Cable Type	Braided Cable
Data Transfer Speed	Up to 10Gbps (USB 3.2 Gen2)
Power Delivery	Up to 100W (20V/5A)
Video Output	Up to 4K@60Hz (requires DP Alt Mode support)
Special Feature	USB-C 3.2
Package Dimensions	7.56 x 5.08 x 0.55 inches
Item Weight	1.06 ounces



Image 7: Detailed dimensions of the UGREEN USB C Extension Cable connectors.

8. Compatibility

The UGREEN USB C Extension Cable is widely compatible with various USB-C enabled devices, including but not limited to:

- **Laptops:** MacBook Pro/Air (M3/M2), Dell XPS 13/15, Spectre x360, Surface Book 3, Surface Pro 7, MateBook, Google Chromebook Pixel, and other USB-C laptops.
- **Tablets:** iPad Pro/Air (2024), Surface Go, and other USB-C tablets.
- **Smartphones:** iPhone 15 Pro Max/Pro/15, Galaxy S24 Ultra/S22 Ultra/S21/S20/Note 20/Note 10, Honor P50 Pro, and other USB-C smartphones.
- **Gaming Consoles:** Steam Deck, Nintendo Switch.
- **Other Peripherals:** USB C hubs, Mag-safe Wireless Chargers, Oculus Link Cable, USB C hard drive enclosures, USB C memory sticks, and other USB-C cables.



Image 8: Visual representation of wide compatibility, showing various devices that can connect to the male and female USB-C ends of the cable.

9. Warranty and Support

UGREEN products are designed for reliability and performance. For warranty information, technical support, or any inquiries regarding your UGREEN USB C Extension Cable, please refer to the official UGREEN website or contact UGREEN customer service directly.

You can also visit the UGREEN Store on Amazon for more product information and support resources.

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