UGREEN 15575

UGREEN 8K@60Hz USB C to DisplayPort 1.4 Adapter Cable Instruction Manual

Model: 15575

PRODUCT OVERVIEW

The UGREEN USB C to DisplayPort 1.4 Adapter Cable (Model 15575) is designed to connect devices with a USB Type-C or Thunderbolt 4/3 port to a monitor or display with a DisplayPort input. This adapter supports high-resolution video output up to 8K@60Hz, and is backward compatible with 4K@240Hz and 2K@240Hz. It features Dynamic HDR, Variable Refresh Rate (VRR), and Auto Low Latency Mode (ALLM) for enhanced visual and gaming experiences. The cable is constructed with durable braided nylon and an aluminum alloy housing for reliable performance and heat dissipation.

8K 60Hz Resolution

Backwards compatible with 4K/2K/1080P resolution
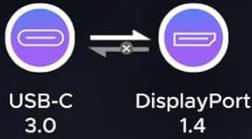
USB-C 3.0 ⇌ DisplayPort 1.4

Image: UGREEN USB C to DisplayPort 1.4 Adapter Cable, showcasing its compact design and braided cable.

KEY FEATURES

- **High Resolution Support:** Supports up to 8K@60Hz, 4K@240Hz, and 2K@240Hz.
- **Dynamic HDR:** Provides more realistic images with brighter colors and higher contrast.
- **Advanced Gaming Features:** Includes Variable Refresh Rate (VRR) and Auto Low Latency Mode (ALLM) for smoother gameplay.
- **Multi-Stream Transport (MST):** Allows for daisy-chaining multiple monitors for expanded workspaces.
- **Durable Construction:** Features braided nylon cable and aluminum alloy housing for enhanced durability and heat dissipation.
- **Plug and Play:** No drivers or software required for operation.

SETUP INSTRUCTIONS

Follow these steps to connect your UGREEN USB C to DisplayPort 1.4 Adapter Cable:

1. **Verify USB-C Port Compatibility:** Ensure your source device's USB-C port supports "DP Alt Mode" (DisplayPort

Alternate Mode) or is a Thunderbolt 3 or 4 port. Ports that are "Data Transfer Only" or "Charging Only" will not transmit video.

Why Choose Displayport 1.4?

VESA Certified		Resolution	4K				8K		RBR (1.62 Gbit/s per lane)	RBR (2.70 Gbit/s per lane)	RBR (5.40 Gbit/s per lane)	RBR (8.10 Gbit/s per lane)	Max total bandwidth	Max total data rate	HDCP	HDR	DSC	Max audio channels
		Refresh Rate(Hz)	30	60	144	240	30	60										
DP Version	1.1		✓	✗	✗	✗	✗	✗	✓	✓	✗	✗	10.8Gbps	8.64Gbps	HDCP 1.3	✗	✗	8
	1.2		✓	✓	✗	✗	✗	✗	✓	✓	✓	✗	21.6Gbps	17.28Gbps	HDCP 1.3	✗	✗	8
	1.4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	32.4Gbps	25.92Gbps	HDCP 2.2	✓	DSC 1.2	8

Image: Diagram illustrating different types of USB-C ports and their video output capabilities. Ports with Thunderbolt, DP Alt Mode, or Data Transfer + DP Alt Mode are compatible.

2. **Connect to Source Device:** Plug the USB-C end of the UGREEN adapter into the compatible USB-C or Thunderbolt port on your laptop, tablet, or smartphone.

3. **Connect to Display:** Connect a DisplayPort cable (not included) from your monitor or display to the DisplayPort female port on the UGREEN adapter.

4. **Power On Devices:** Ensure both your source device and display are powered on. The display should automatically detect the signal.

Your browser does not support the video tag.

Video: Demonstrates the simple plug-and-play setup of the UGREEN USB C to DisplayPort adapter, connecting a laptop to an external monitor for an immersive display experience.

OPERATING INSTRUCTIONS

Display Modes

The adapter supports various display modes to suit your needs:

- **Mirror Mode:** Duplicates your source device's screen onto the external display. Ideal for presentations or sharing content.

Image: A laptop screen mirrored onto a larger external monitor, demonstrating the mirror display mode.

- **Extended Mode:** Extends your desktop across multiple displays, allowing for increased productivity and multitasking.

Image: A laptop screen extended to an external monitor, showing different content on each display for an expanded workspace.

- **Multi-Stream Transport (MST):** For compatible devices and monitors, MST allows you to daisy-chain multiple DisplayPort monitors from a single USB-C port, creating an even larger workspace.

Resolution and Refresh Rate

The adapter supports various resolutions and refresh rates, depending on your source device and display capabilities:

- Up to 8K (7680x4320) at 60Hz.
- Up to 4K (3840x2160) at 240Hz, 165Hz, or 120Hz.
- Up to 2K (2560x1440) at 240Hz, 165Hz, or 120Hz.
- Supports Dynamic HDR for enhanced picture quality.
- Features VRR (Variable Refresh Rate) and ALLM (Auto Low Latency Mode) for smoother gaming.

Image: A side-by-side comparison of 4K@60Hz and 4K@240Hz refresh rates, highlighting the smoother experience with higher refresh rates for gaming.

MAINTENANCE

To ensure the longevity and optimal performance of your UGREEN USB C to DisplayPort 1.4 Adapter Cable, follow these maintenance guidelines:

- **Handle with Care:** Avoid excessive bending or pulling of the cable, especially near the connectors. The braided nylon jacket provides durability, but extreme force can still cause damage.
- **Keep Clean:** Use a soft, dry cloth to gently wipe the cable and connectors. Avoid using liquid cleaners or abrasive materials.
- **Proper Storage:** When not in use, coil the cable loosely and secure it with the included Velcro tie. Store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Obstructions:** Ensure the aluminum alloy housing has adequate airflow to dissipate heat effectively. Do not cover the adapter during use.

Durable Materials and Quality Construction

Image: Close-up view of the UGREEN adapter highlighting its metal plug, aluminum housing, and nylon braided cable, emphasizing its durable construction.

TROUBLESHOOTING

If you encounter issues with your UGREEN USB C to DisplayPort 1.4 Adapter Cable, refer to the following common solutions:

Problem	Possible Cause / Solution

Problem	Possible Cause / Solution
No display on external monitor.	- Ensure your source device's USB-C port supports "DP Alt Mode" or is a Thunderbolt 3/4 port. - Check all cable connections (USB-C to device, DisplayPort to monitor) are secure. - Try a different DisplayPort cable. - Restart your source device and monitor. - Verify the monitor's input source is set correctly to DisplayPort.
Flickering screen or unstable image.	- Ensure the DisplayPort cable is securely connected. - Reduce the resolution or refresh rate in your device's display settings. - Update your graphics drivers on your source device. - Test with a different DisplayPort cable.
No audio from external monitor.	- Check your device's sound settings to ensure the external monitor is selected as the audio output device. - Ensure your monitor has built-in speakers or is connected to external speakers.
Cannot achieve desired resolution/refresh rate (e.g., 4K@240Hz).	- Verify that both your source device and monitor support the desired resolution and refresh rate. - Ensure your DisplayPort cable is rated for DP 1.4 and supports the required bandwidth. - Check if your system supports Display Stream Compression (DSC) for higher refresh rates at 4K/8K. - Update graphics drivers.

SPECIFICATIONS

Feature	Detail
Brand	UGREEN
Model	15575
Connector Type	USB C to DisplayPort
Cable Type	USB
Max Resolution Support	8K@60Hz (7680x4320), 4K@240Hz (3840x2160), 2K@240Hz (2560x1440)

Feature	Detail
Data Transfer Rate	32.4 Gigabits Per Second (DP 1.4)
Special Features	Digital Display, Data Transfer, High Speed, Dynamic HDR, VRR, ALLM, Alu Braided
Connector Gender	Male-to-Female
Item Weight	26.5 Grams
Compatible Devices	USB-C ports with "DP Alt Mode" or Thunderbolt 3/4. Includes iPhone 17 Pro Max/17 Pro/Air/17/16 Pro Max/16 Pro/16 Plus/16, Galaxy S25/24 Ultra, MacBook Pro 2023/Air 2024, iPad Pro/Air, XPS 17, Dell, Chromebook x360, Surface Book 3, Surface Laptop 4, Samsung Tablet S9, LG V40, Valve Steam Deck, Nvidia RTX 3090, AMD Radeon RX 6900 graphic cards, HDTV, Fire TV, computers, and others.

WARRANTY AND SUPPORT

UGREEN products are designed for reliability and performance. For warranty information, technical support, or customer service inquiries, please refer to the official UGREEN website or contact their customer support team directly. Keep your purchase receipt for warranty claims.

Return Policy: This product typically comes with a 30-day refund/replacement policy. Please check with your retailer for specific return terms.