UGREEN 80393

UGREEN VESA Certified 8K DisplayPort Cable (10FT) Instruction Manual

Model: 80393

1. Introduction

This instruction manual provides essential information for the proper installation, operation, and maintenance of your UGREEN VESA Certified 8K DisplayPort Cable. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product.





Image 1.1: UGREEN VESA Certified 8K DisplayPort Cable (10FT).

2. Product Overview

2.1 Key Features

- **VESA Certified:** Officially certified by VESA, ensuring compliance with DisplayPort standards for reliable performance.
- **High Resolution Support:** Supports resolutions up to 8K@60Hz, 4K@240Hz, 4K@120Hz, and 2K@240Hz/165Hz/120Hz.
- **High Bandwidth:** Provides 32.4 Gbps bandwidth for stable and high-speed data transfer.
- **Advanced Technologies:** Compatible with Dynamic HDR, HDCP 2.2, FreeSync, and G-Sync for enhanced visual experience and tear-free gaming.
- **Durable Construction:** Features a braided sheath and gold-plated pins for increased durability and signal integrity.
- **Secure Connection:** Equipped with a locking DP connector to prevent accidental disconnections.
- **Versatile Display Modes:** Supports Mirror Mode, Extended Mode, and Multi-Screen Splicing Mode.



Image 2.1: VESA Certified DisplayHDR logo, indicating adherence to industry standards.



Image 2.2: Internal view of the DisplayPort 1.4 chip, highlighting VESA certification.

2.2 Package Contents

- 1 x UGREEN VESA Certified 8K DisplayPort Cable (10FT)

3. Setup

Follow these steps to connect your DisplayPort cable:

1. Identify the DisplayPort output on your source device (e.g., graphics card, laptop).
2. Identify the DisplayPort input on your display device (e.g., monitor, HDTV).
3. Connect one end of the UGREEN DisplayPort cable to the DisplayPort output of your source device. Ensure the connector clicks into place, indicating the locking mechanism is engaged.
4. Connect the other end of the UGREEN DisplayPort cable to the DisplayPort input of your display device. Ensure the connector clicks into place.
5. Power on both your source device and display device.
6. Select the correct DisplayPort input on your display device using its OSD (On-Screen Display) menu or input selection button.

To disconnect the cable, press the release button on the DisplayPort connector before pulling it out to disengage the locking mechanism.

4. Operating Instructions

4.1 Resolution and Refresh Rate

The cable supports various resolutions and refresh rates. Ensure your source device and display are configured to utilize these capabilities:

- **8K Resolution:** Up to 7680x4320 at 60Hz.
- **4K Resolution:** Up to 3840x2160 at 240Hz or 120Hz.

- **2K Resolution:** Up to 2560x1440 at 240Hz, 165Hz, or 120Hz.

To adjust these settings, navigate to your operating system's display settings or your graphics card control panel.



Image 4.1: Supported resolutions and refresh rates for optimal visual clarity.

4.2 Dynamic HDR, FreeSync, and G-Sync

This cable supports Dynamic HDR, FreeSync, and G-Sync technologies. For these features to function, your graphics card and monitor must also support them and be properly configured.

- **Dynamic HDR:** Enhances image contrast and color depth. Enable HDR in your display settings if supported.
- **FreeSync/G-Sync:** Synchronizes the display's refresh rate with the graphics card's frame rate to eliminate screen tearing and stuttering. Enable these features through your graphics card's control panel (e.g., NVIDIA Control Panel, AMD Radeon Software).



Image 4.2: Visual representation of a smooth gaming experience with G-Sync/FreeSync enabled.

4.3 Multi-Display Modes

The cable facilitates various multi-display configurations:

- **Mirror Mode:** Duplicates your primary display onto a secondary display.
- **Extended Mode:** Extends your desktop across multiple displays, providing more screen real estate.
- **Multi-Screen Splicing Mode:** Combines multiple displays into a single, large integrated display.

These modes can typically be configured within your operating system's display settings.



Image 4.3: Illustration of various multi-display configurations.

5. Maintenance

To ensure the longevity and optimal performance of your UGREEN DisplayPort cable, follow these maintenance guidelines:

- **Handle with Care:** Avoid excessive bending, twisting, or pulling of the cable, especially near the connectors. While the braided sheath enhances durability, extreme stress can damage internal wires.
- **Clean Connectors:** Periodically inspect the gold-plated connectors for dust or debris. Use a dry, lint-free cloth or compressed air to gently clean them if necessary. Avoid using liquid cleaners.
- **Proper Storage:** When not in use, coil the cable loosely. Avoid tight coiling or kinking, which can stress the cable. Store it in a clean, dry environment away from extreme temperatures.
- **Secure Connections:** Always ensure the DisplayPort connectors are fully inserted and the locking mechanism is engaged to prevent signal interruptions and wear. When disconnecting, always press the release button.

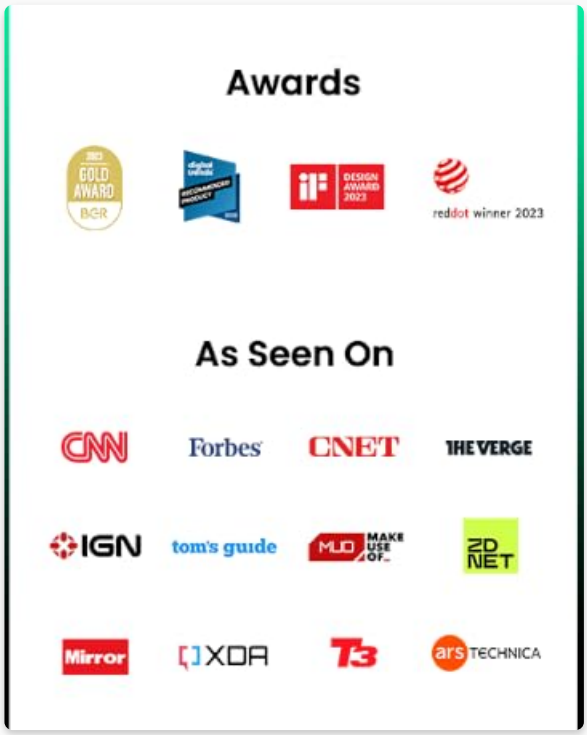


Image 5.1: Features contributing to the cable's durability and ease of use.

6. Troubleshooting

If you encounter issues with your UGREEN DisplayPort cable, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display or 'No Signal' message	Loose connection, incorrect input selected, incompatible resolution/refresh rate, faulty cable/port.	Ensure both ends of the cable are securely connected. Select the correct DisplayPort input on your monitor. Try a lower resolution/refresh rate in your source device's display settings. Test with another cable or port if available.
Flickering screen or intermittent signal loss	Loose connection, cable interference, exceeding cable length limitations for high bandwidth, faulty cable.	Verify secure connections. Ensure the cable is not near strong electromagnetic interference sources. For very high resolutions/refresh rates, ensure the cable length is appropriate. Replace the cable if the issue persists.
Screen tearing or stuttering (without FreeSync/G-Sync)	Refresh rate mismatch between source and display.	Enable FreeSync or G-Sync on your monitor and graphics card if supported. Ensure your display's refresh rate is set correctly in your operating system's display settings.
No audio output	Audio settings not configured, display does not support audio output, faulty cable.	Check your operating system's sound settings to ensure the DisplayPort output is selected as the audio device. Verify your monitor has built-in speakers or an audio output port.



Image 6.1: Visualizing the difference between displays with and without tear prevention technologies.

7. Specifications

Brand	UGREEN
Model Number	80393
Connector Type	DisplayPort (Male-to-Male)
Cable Type	DP to DP Cable
Data Transfer Rate	32.4 Gigabits Per Second
Supported Resolutions	8K@60Hz, 4K@240Hz, 4K@120Hz, 2K@240Hz/165Hz/120Hz

Special Features	VESA Certified, Dynamic HDR, HDCP 2.2, FreeSync, G-Sync, Braided Cable, Locking Connectors
Cable Length	10 Feet
Outer Material	Nylon
Color	Black
Compatible Devices	Monitors, Graphics Cards (e.g., NVidia GeForce RTX 3080/2060, GTX16660TI/1080TI, etc.), HDTVs, Displays from brands like Samsung, BenQ, Dell, LG, HP, ASUS, Acer, Alienware.

8. Warranty and Support

8.1 Warranty Information

UGREEN products typically come with a manufacturer's warranty. For specific warranty terms and conditions, including duration and coverage, please refer to the official UGREEN website or the warranty card included with your purchase. Keep your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, product inquiries, or support, please contact UGREEN customer service through their official website. You can usually find contact information, FAQs, and support resources at www.ugreen.com.

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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