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> Deco Gear 49" Curved Ultrawide 5K Gaming Monitor (DGVIEW495K) User Manual

Deco Gear DGVIEW495K

Deco Gear 49" Curved Ultrawide 5K Gaming Monitor User Manual

Model: DGVIEW495K

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Deco Gear 49" Curved Ultrawide 5K Gaming Monitor (Model: DGVIEW495K). Please read this manual thoroughly before using the product to ensure optimal performance and safety. Keep this manual for future reference.



Image 1.1: Front view of the Deco Gear 49" Curved Ultrawide 5K Gaming Monitor.

2. PACKAGE CONTENTS

Verify that all components are present and in good condition upon opening the package. If any items are missing or damaged, contact Deco Gear customer support.

- Deco Gear 49" Curved Ultrawide 5K Gaming Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Cable
- HDMI Cable (2.1 compatible)
- DisplayPort (DP) Cable (1.4 compatible)
- USB Type-C Cable
- USB Type-B to Type-A Cable
- User Manual

3. SETUP INSTRUCTIONS

3.1 Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping it protected on a soft, flat surface.
2. Attach the stand neck to the back of the monitor by aligning the mounting points and securing it with the provided screws.
3. Connect the stand base to the stand neck and tighten the screws until secure.
4. Gently place the assembled monitor on a stable, level desk or table.

3.2 Connecting to a Computer

The monitor supports various input options. Choose the appropriate cable for your device.

- **HDMI Connection:** Connect one end of the HDMI 2.1 cable to the HDMI port on your computer's graphics card and the other end to an HDMI 2.1 port on the monitor.
- **DisplayPort Connection:** Connect one end of the DisplayPort 1.4 cable to the DP port on your computer's graphics card and the other end to the DP 1.4 port on the monitor.
- **USB Type-C Connection:** For compatible devices, connect the USB Type-C cable to the USB Type-C port on your computer and the monitor. This connection can provide video, data, and power delivery (up to 65W).
- **USB Hub Connection:** To enable the monitor's USB Type-A ports, connect the USB Type-B to Type-A cable from your computer to the USB Type-B port on the monitor.

3.3 Power Connection

Connect the power adapter to the monitor's power input, then plug the power cable into a wall outlet.

Adaptive Sync Support

HDMI 2.1 and DP1.4 Connectivity



Image 3.1: Monitor connectivity ports.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button, usually located on the bottom or back of the monitor, to turn it on or off. The power indicator light will illuminate when the monitor is active.

4.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the control buttons (joystick or individual buttons) typically found on the back or bottom of the monitor to navigate the menu.

- **Navigation:** Use the directional controls to move through menu options.
- **Selection:** Press the central button or 'OK' button to select an option.

- **Exit:** Use the 'Back' or 'Exit' button to return to the previous menu or exit the OSD.

4.3 Key OSD Features

- **Color Temperature Adjustment:** Modify the color balance (e.g., Warm, Cool, User).
- **Low Blue Light Control:** Reduce blue light emission for eye comfort.
- **Scene Modes:** Pre-set display modes optimized for different content (e.g., Standard, Game, Movie).
- **Dynamic Contrast Ratio (DCR):** Enhance contrast dynamically.
- **Multi-Language OSD:** Select your preferred language for the OSD menu.
- **Flash Backlight Adjustment:** Control backlight behavior.
- **Adaptive Sync:** Enable or disable Adaptive Sync for tear-free gaming (requires compatible graphics card).
- **OverDrive:** Adjust pixel response time to reduce ghosting.
- **Game Plus:** Access gaming-specific features like crosshairs or timers.
- **Picture-in-Picture (PIP) / Picture-by-Picture (PBP):** Display content from multiple sources simultaneously.
- **PQ Settings:** Adjust picture quality settings.
- **HDR400:** Enable High Dynamic Range for enhanced contrast and color.
- **IR Remote Control:** Use the included remote for convenient OSD navigation.

Made to Multitask

Enhance productivity and performance



Image 4.1: Monitor configured for multitasking with multiple applications.

5. FEATURES OVERVIEW

5.1 DQHD 5120x1440 Resolution

Experience exceptional visual clarity with a Dual Quad High Definition (DQHD) resolution of 5120x1440 pixels. This provides a vast screen area, equivalent to two 27-inch QHD monitors side-by-side, without the interruption of bezels.

Unleash Your Potential

49-Inch 5120 x 1440 DQHD Resolution



Image 5.1: Visual representation of the monitor's high resolution.

5.2 1800R Curved Display

The 1800R curvature of the screen matches the natural curve of the human eye, providing a more immersive viewing experience and reducing eye strain during extended use. This design brings the edges of the screen closer to your field of vision.

A Focused Experience

32:9 Ultrawide with a 1800R Curve

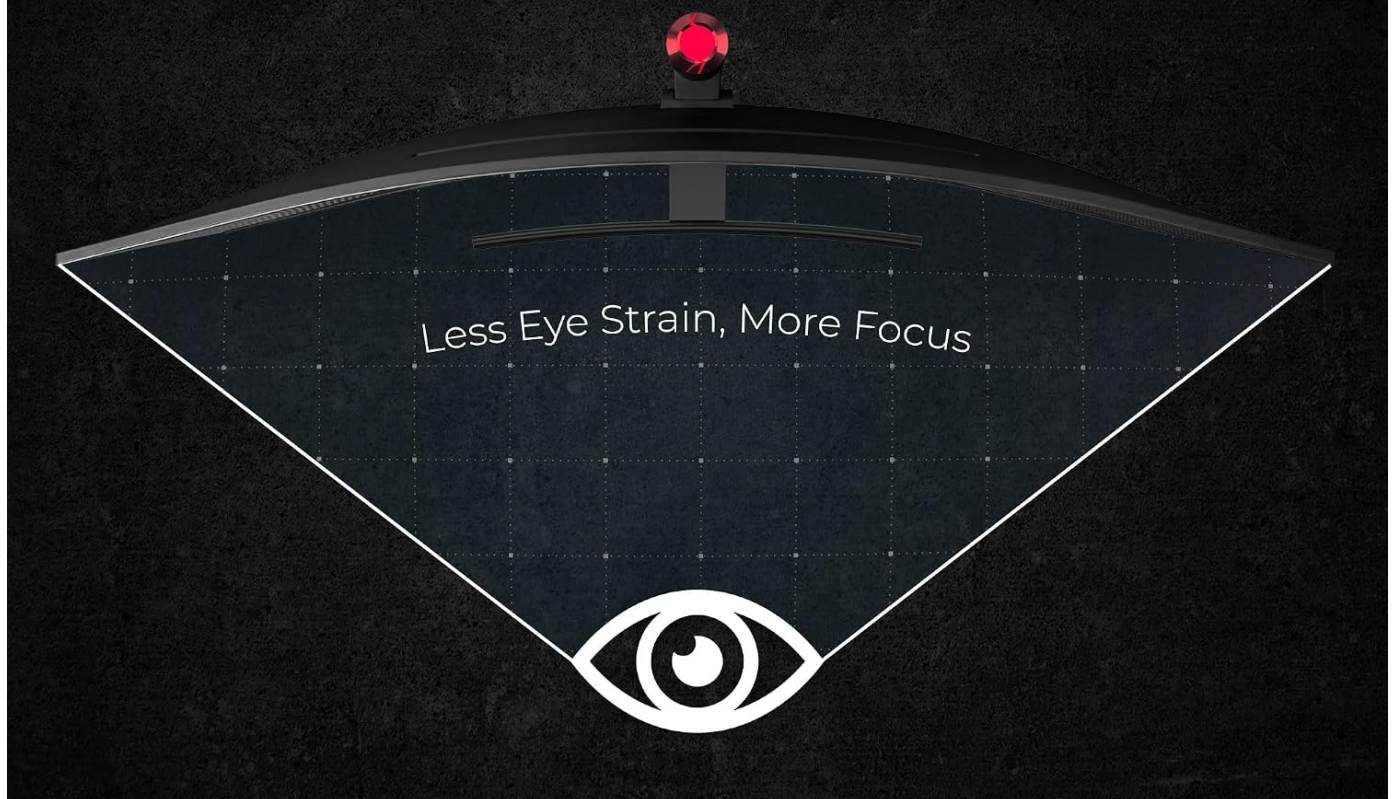


Image 5.2: Diagram of the 1800R curvature for a focused experience.

5.3 120 Hz Refresh Rate

Enjoy smooth, fluid motion with a 120 Hz refresh rate. This higher refresh rate minimizes motion blur and screen tearing, which is particularly beneficial for fast-paced gaming and video content.

Fast-Paced Gaming

120 Hz ensures smooth, tear-free visuals



Image 5.3: Depiction of 120 Hz refresh rate for smooth gaming.

5.4 Color Accuracy (101% NTSC, 100% sRGB)

The monitor delivers accurate and vibrant colors, covering 101% of the NTSC color gamut and 100% of the sRGB color space. This makes it suitable for professional creative work such as graphic design, photo editing, and video production.

Awe-Inspiring Colors

Vibrant 100% sRGB Accuracy

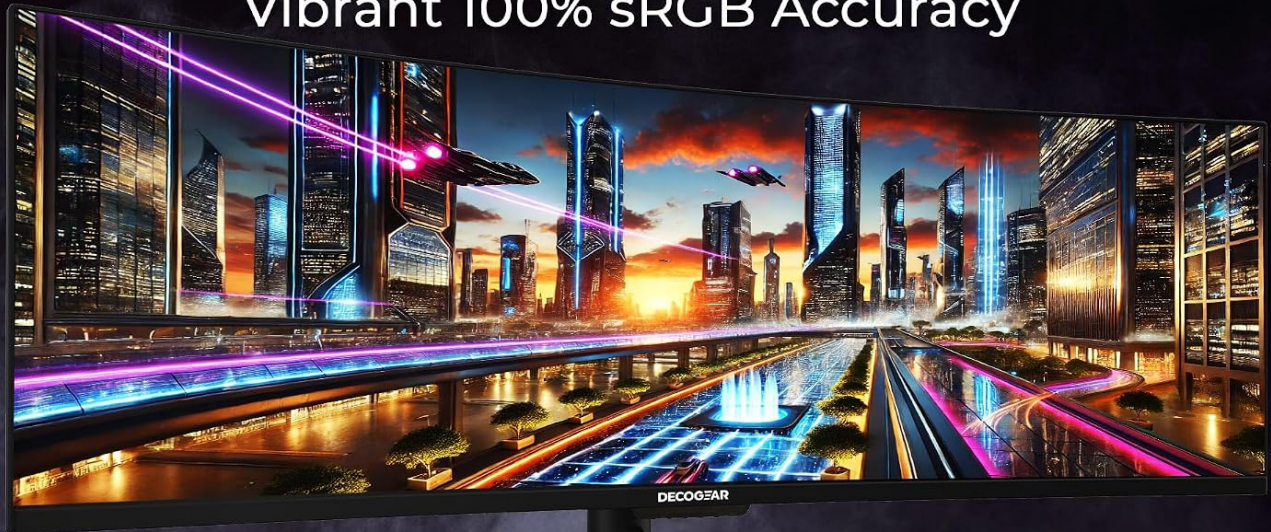


Image 5.4: Monitor displaying rich and accurate colors.

5.5 HDR400 Support

With HDR400 capability, the monitor produces dynamic brightness levels up to 400 nits, enhancing contrast and delivering deeper blacks and brighter whites for a more lifelike visual experience.

6. CONNECTIVITY

The monitor offers a comprehensive set of ports for versatile connectivity:

- **HDMI 2.1 (x1):** Supports Adaptive Sync Range: 48-60 Hz.
- **DisplayPort 1.4 (x1):** Supports Adaptive Sync Range: 48-120 Hz.
- **USB Type-C (x1):** Provides video, data, and 65W Power Delivery for compatible devices.
- **USB Type-A (x2):** For connecting peripherals like keyboards, mice, or external storage.
- **USB Type-B (x1):** Upstream port to enable the monitor's USB Type-A ports.

- **RJ45 Ethernet (x1):** For direct wired network connection.
- **Audio Out (x1):** 3.5mm jack for connecting headphones or external speakers.



Image 6.1: Monitor dimensions and port types.

7. MAINTENANCE

Proper care ensures the longevity and performance of your monitor.

- **Cleaning the Screen:** Use a soft, lint-free cloth specifically designed for electronics. Lightly dampen the cloth with water or a screen-cleaning solution. Do not spray liquid directly onto the screen.
- **Cleaning the Casing:** Wipe the monitor casing with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are clear and not obstructed to prevent overheating.
- **Power Off When Not in Use:** Turn off the monitor when not in use for extended periods to conserve energy and prolong its lifespan.

8. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common solutions:

- **No Power:**
 - Check if the power cable is securely connected to the monitor and the power outlet.
 - Verify the power adapter is functioning correctly.
- **No Signal:**
 - Ensure the video cable (HDMI, DisplayPort, or USB-C) is firmly connected to both the monitor and your computer.
 - Select the correct input source via the OSD menu.
 - Check if your computer's graphics card is properly installed and drivers are up to date.
- **Flickering or Distorted Image:**
 - Check the video cable for damage or loose connections.
 - Adjust the refresh rate in your computer's display settings.
 - Disable Adaptive Sync temporarily to see if the issue persists.
- **Incorrect Resolution:**
 - Adjust the display resolution in your computer's operating system settings to 5120x1440.
 - Ensure your graphics card supports the monitor's native resolution.
- **USB Ports Not Working:**
 - Ensure the USB Type-B to Type-A upstream cable is connected from the monitor to your computer.
 - Check your computer's device manager for any USB driver issues.

If these steps do not resolve the issue, please contact Deco Gear customer support for further assistance.

9. SPECIFICATIONS

Feature	Specification
Model Number	DGVIEW495K
Screen Size	49 Inches
Resolution	5120x1440 (DQHD)
Aspect Ratio	32:9
Screen Surface	Curved (1800R)
Refresh Rate	120 Hz
Image Brightness	350 Candela per Square Meter (nits)
HDR Support	HDR400 Capable
Color Gamut	101% NTSC, 100% sRGB

Feature	Specification
HDMI Ports	1 (HDMI 2.1)
DisplayPort	1 (DP 1.4)
USB Type-C	1 (with 65W Power Delivery)
USB Type-A Ports	2
USB Type-B Ports	1 (Upstream)
RJ45 Ethernet	1
Audio Out	1
Product Dimensions	9.7 x 47.2 x 18.5 inches
Item Weight	24.3 pounds
Manufacturer	Deco Gear

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Deco Gear website. You can also contact Deco Gear customer service directly for assistance with product issues or inquiries.

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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