Monoprice 144394

Monoprice 40-inch Ultrawide 1440P Productivity Monitor User Manual

Model: 144394 | Brand: Monoprice CrystalPro Series

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Monoprice 40-inch Ultrawide 1440P Productivity Monitor (Model 144394). Please read this manual thoroughly before using the monitor to ensure proper functionality and to prevent damage.

The Monoprice CrystalPro 40-inch Ultrawide Monitor is designed to enhance productivity with its expansive 3440x1440P (UWQHD) resolution and 144Hz refresh rate. Featuring an IPS panel, it delivers accurate colors and wide viewing angles, making it suitable for various professional and personal applications.

2. SAFETY INFORMATION

Observe the following safety precautions to ensure safe operation and to extend the lifespan of your monitor:

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Avoid placing the monitor in direct sunlight or near heat sources.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Disconnect the power cable from the outlet during lightning storms or when unused for long periods.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.
- Keep the monitor away from strong magnetic fields.
- Handle the screen with care. Do not press or scratch the display surface.

3. PACKAGE CONTENTS

Please verify that all items listed below are present in your package. If any items are missing or damaged, contact Monoprice customer support.

- Monoprice 40-inch Ultrawide Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Cable

- HDMI Cable

- DisplayPort (DP) Cable

- USB-A to USB-B Cable (for USB hub functionality)

- User Manual (this document)

- (Note: The product listing mentions "CD". Please check your package for any included software or drivers on a CD, though most modern systems download drivers online.)

4. SETUP

4.1. Assembling the Stand

Follow these steps to attach the stand to your monitor:

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor, aligning the mounting points. Secure with screws if provided.
3. Attach the stand base to the bottom of the stand neck. Tighten the thumb screw or screws from the bottom of the base.
4. Once assembled, carefully lift the monitor and place it upright on a stable, flat surface.

Figure 4.1: Front view of the Monoprice 40-inch Ultrawide Monitor with its assembled stand. The monitor features a slim bezel and a central stand with three legs.

Figure 4.2: Angled front view of the Monoprice 40-inch Ultrawide Monitor, showcasing its wide aspect ratio and the design of the stand.

4.2. Connecting Cables

Before connecting any cables, ensure both the monitor and your computer are powered off.

1. **Power Connection:** Connect the power adapter to the monitor's power input, then plug the power cable into a wall outlet.

2. **Video Connection:**

   - For optimal performance (3440x1440P at 144Hz), use the provided **DisplayPort (DP)** cable to connect the monitor to your computer's graphics card.

   - Alternatively, use an **HDMI** cable. Note that HDMI may support up to 100Hz refresh rate at 3440x1440P, depending on the HDMI version and your graphics card.

   - The monitor also supports **USB-C** video input. Connect a compatible USB-C cable from your device to the monitor's USB-C port.

3. **USB Hub Connection:** To enable the monitor's USB-A ports, connect the provided USB-A to USB-B cable from your computer's USB port to the monitor's USB-B upstream port.

4. **Audio Output:** If desired, connect external speakers or headphones to the monitor's 3.5mm audio output jack.

Figure 4.3: Rear view of the Monoprice 40-inch Ultrawide Monitor, highlighting the input/output ports. These include HDMI, DisplayPort, USB-C, and audio out, along with the power input.

Figure 4.4: Close-up view of the Monoprice 40-inch Ultrawide Monitor's connectivity panel, clearly labeling HDMI 1, HDMI 2, DP (DisplayPort), Type C (USB-C), and Audio ports.

4.3. Initial Power-On

After connecting all necessary cables:

1. Power on your computer.
2. Press the power button on the monitor. The power indicator light should illuminate.
3. The monitor should automatically detect the input signal. If not, you may need to manually select the input source using the On-Screen Display (OSD) menu.

5. OPERATING THE MONITOR

5.1. Power On/Off

Press the power button, typically located on the bottom or back of the monitor, to turn the monitor on or off. The power

indicator light will show the monitor's status.

5.2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Navigation is typically done using a joystick or a series of buttons located on the back or bottom of the monitor. While the OSD interface may require some familiarity, it provides access to all display controls.

- Press the OSD button (or joystick center) to open the main menu.
- Use the navigation buttons (or joystick) to move through menu options.
- Press the select button (or joystick center) to enter a sub-menu or confirm a selection.
- Press the exit button (or move joystick left) to go back or exit the OSD.

5.3. Input Selection

To switch between connected devices (e.g., PC via DisplayPort, console via HDMI), access the OSD menu and navigate to the "Input" or "Source" section. Select the desired input.

5.4. Picture Settings

Adjust display characteristics through the OSD menu:

- **Brightness/Contrast:** Adjust the overall luminance and difference between light and dark areas.
- **Color Temperature:** Select predefined color modes (e.g., Warm, Cool, User) or adjust RGB values manually.
- **Picture Mode:** Choose from various presets optimized for different content (e.g., Standard, Game, Movie, Text).
- **HDR:** Enable or disable HDR (High Dynamic Range) functionality. Ensure your content and graphics card support HDR for optimal results.

5.5. Refresh Rate

The monitor supports a 144Hz refresh rate. To ensure your system is utilizing this, verify the refresh rate setting in your operating system's display settings:

- **Windows:** Right-click on the desktop > Display settings > Advanced display settings > Display adapter properties for Display [X] > Monitor tab > Screen refresh rate.
- **macOS:** System Settings > Displays > Refresh Rate.

Note: Achieving 144Hz at 3440x1440P typically requires a DisplayPort connection. HDMI may be limited to 100Hz or lower depending on the specific HDMI version and connected device.

5.6. Ergonomic Adjustments

The monitor stand allows for ergonomic adjustments to optimize your viewing experience:

- **Tilt:** Adjust the screen's vertical angle (forward/backward).
- **Height Adjustment:** Raise or lower the monitor to eye level.
- **Swivel:** Rotate the monitor horizontally on its base.

Figure 5.1: Side view of the Monoprice 40-inch Ultrawide Monitor demonstrating its tilt adjustment capability, allowing users to angle the screen for optimal viewing comfort.

Figure 5.2: Top-down view of the Monoprice 40-inch Ultrawide Monitor, illustrating its flat panel design and the width of the display.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your monitor:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Never spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure the ventilation openings on the back of the monitor are clear of dust and obstructions.
- **Power Off:** Always power off and unplug the monitor before cleaning or when not in use for extended periods.

7. TROUBLESHOOTING

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

Problem	Possible Cause / Solution

Problem	Possible Cause / Solution
No image on screen	- Ensure the power cable is securely connected and the monitor is powered on. - Verify the video cable (HDMI, DP, USB-C) is properly connected to both the monitor and the computer. - Check if the correct input source is selected in the OSD menu. - Ensure your computer is powered on and not in sleep mode.
Image is blurry or distorted	- Check the display resolution settings on your computer. Ensure it is set to 3440x1440. - Adjust the monitor's picture settings (e.g., sharpness) via the OSD menu. - Try a different video cable.
No sound from monitor speakers (if applicable) or audio jack	- Increase the volume on both the monitor (OSD menu) and your computer. - Ensure the audio output device is correctly selected in your computer's sound settings. - If using the audio jack, ensure headphones/speakers are properly connected. - Verify the video cable supports audio transmission (HDMI, DP, USB-C).
USB ports on monitor not working	- Ensure the USB-A to USB-B upstream cable is connected from your computer to the monitor. - Check if the USB device is properly connected to the monitor's USB-A port. - Try connecting the USB device directly to your computer to rule out device issues.
Monitor flickers or shows artifacts	- Check the video cable for damage or loose connections. - Reduce the refresh rate in your computer's display settings to see if the issue persists. - Update your graphics card drivers. - Test with a different video source or cable.

8. SPECIFICATIONS

The following table outlines the technical specifications of the Monoprice 40-inch Ultrawide 1440P Productivity Monitor:

Feature	Detail
Model Number	144394
Screen Size	40 Inches
Panel Type	IPS
Max Resolution	3440 x 1440 (UWQHD)
Refresh Rate	144Hz
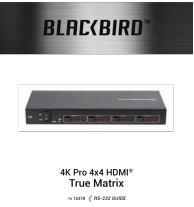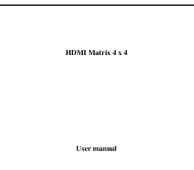
Feature	Detail
Aspect Ratio	21:9
HDR Support	HDR600
Color Gamut	NTSC 105%, DCI-P3 95%, sRGB 99%, Adobe RGB 89%
Connectivity	2x HDMI, 1x DisplayPort, 1x USB-C, 1x Audio Out, 1x USB-B (Upstream)
USB Ports	1x USB 2.0 (Downstream, requires USB-B upstream connection to PC)
Screen Surface	Glossy
Weight	31.9 pounds (with stand)
Color	Black

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Monoprice website. Keep your purchase receipt as proof of purchase for warranty claims.
Monoprice Customer Support: www.monoprice.com/support

Related Documents - 144394

4K Pro 4x4 HDMI® True Matrix PN 15078 RS-232 GUIDE	[Blackbird 4K Pro 4x4 HDMI True Matrix RS-232 Control Guide](#) This guide provides detailed instructions for controlling the Blackbird 4K Pro 4x4 HDMI True Matrix using RS-232 serial commands and its accompanying GUI software. Learn about connection setup, firmware upgrades, and specific RS-232 commands for port switching, EDID management, status queries, and IR control.
Blackbird 8K80 2x1HDMI2.1 8K 2x1 HDMI 2.1 Switcher P/N 44434 Quick Start Guide	[Monoprice BLACKBIRD 8K 2x1 HDMI 2.1 Switcher Quick Start Guide](#) Quick start guide for the Monoprice BLACKBIRD 8K 2x1 HDMI 2.1 Switcher (P/N 44434), detailing features, operation, specifications, and regulatory compliance.
HDMI Matrix 4 x 4 User manual	[HDMI Matrix 4x4 User Manual - Monoprice](#) User manual for the Monoprice HDMI Matrix 4x4 (Blackbird 4K Pro), detailing features, specifications, operation controls, remote control functions, and PC software guide for managing HDMI signal distribution.

BLACKBIRD™ 4K 2x4 HDMI® Splitter and Extender Kit P/N 43960 User's Manual	[Monoprice Blackbird 4K 2x4 HDMI Splitter and Extender Kit User Manual](#) User manual for the Monoprice Blackbird 4K 2x4 HDMI Splitter and Extender Kit (P/N 43960). This document provides detailed information on installation, features, product overview, IR control, RS-232 commands, specifications, and regulatory compliance for the device.
BLACKBIRD™ 4K 3x1 HDMI® Switch P/N 43963 User's Manual	[Monoprice Blackbird 4K 3x1 HDMI Switch User Manual](#) User's manual for the Monoprice Blackbird 4K 3x1 HDMI Switch (P/N 43963). Provides safety guidelines, introduction, features, package contents, product overview, switching modes, specifications, technical support, and regulatory compliance information.
BLACKBIRD™ 8K Dual Function HDMI® Splitter/Switch P/N 44086 User's Manual	[Monoprice Blackbird 8K Dual Function HDMI Splitter/Switch (P/N 44086) User Manual](#) User manual for the Monoprice Blackbird 8K Dual Function HDMI Splitter/Switch (P/N 44086). This guide covers safety, features, setup, specifications, and troubleshooting for seamless 8K video distribution.