

Monoprice 131231

Monoprice Ultra 8K High Speed HDMI Cable (Model 131231) User Manual

DynamicView Series - 48Gbps, Dynamic HDR, eARC

1. PRODUCT OVERVIEW

The Monoprice Ultra 8K High Speed HDMI Cable is designed to support advanced audio and video technologies, providing a high-quality connection for your entertainment and computing needs. This cable supports resolutions up to 8K at 60Hz and a bandwidth of 48Gbps, ensuring compatibility with the latest display and audio standards.

Key features include:

- **48Gbps Bandwidth:** Capable of handling high-bandwidth data to prevent signal issues and fully support features like Dynamic HDR, Dolby Vision, Dolby Atmos, and DTS:X.
- **Dynamic HDR Support:** Optimizes depth, detail, brightness, contrast, and color gamut on a scene-by-scene or frame-by-frame basis for an enhanced viewing experience.
- **8K@60Hz Resolution:** Delivers an immersive viewing experience with sharp, high-speed content, ideal for sports, high-performance gaming, and virtual reality.
- **eARC (Enhanced Audio Return Channel):** Supports advanced object-based audio formats, providing an immersive, multidimensional sound experience with precise audio event positioning.
- **Wide Compatibility:** Designed for gaming consoles, PCs, laptops, PC monitors, VR gear, and UHD TVs, supporting advanced gaming features like AMD FreeSync.

2. SETUP AND CONNECTION

This section provides instructions for connecting your Monoprice Ultra 8K High Speed HDMI Cable to your devices.

2.1 Connecting to a Display

To connect your source device (e.g., computer, gaming console) to a display (e.g., monitor, TV, projector), follow these steps:

1. Ensure both your source device and display are powered off.
2. Locate the HDMI output port on your source device.
3. Locate the HDMI input port on your display.
4. Insert one end of the Monoprice Ultra 8K High Speed HDMI Cable into the HDMI output port of your source device.
5. Insert the other end of the cable into the HDMI input port of your display.
6. Power on your display, then your source device. Select the correct HDMI input on your display.



Figure 1: Connection example showing a laptop connected to a display screen using the HDMI cable.

2.2 Universal Compatibility

The Monoprice Ultra 8K High Speed HDMI Cable is designed for broad compatibility with various devices. It features male-to-male HDMI connectors for direct connection between devices.



Figure 2: Universal compatibility diagram showing the HDMI cable connecting various devices such as monitors, projectors, HD TVs, computers, game systems, and laptops.

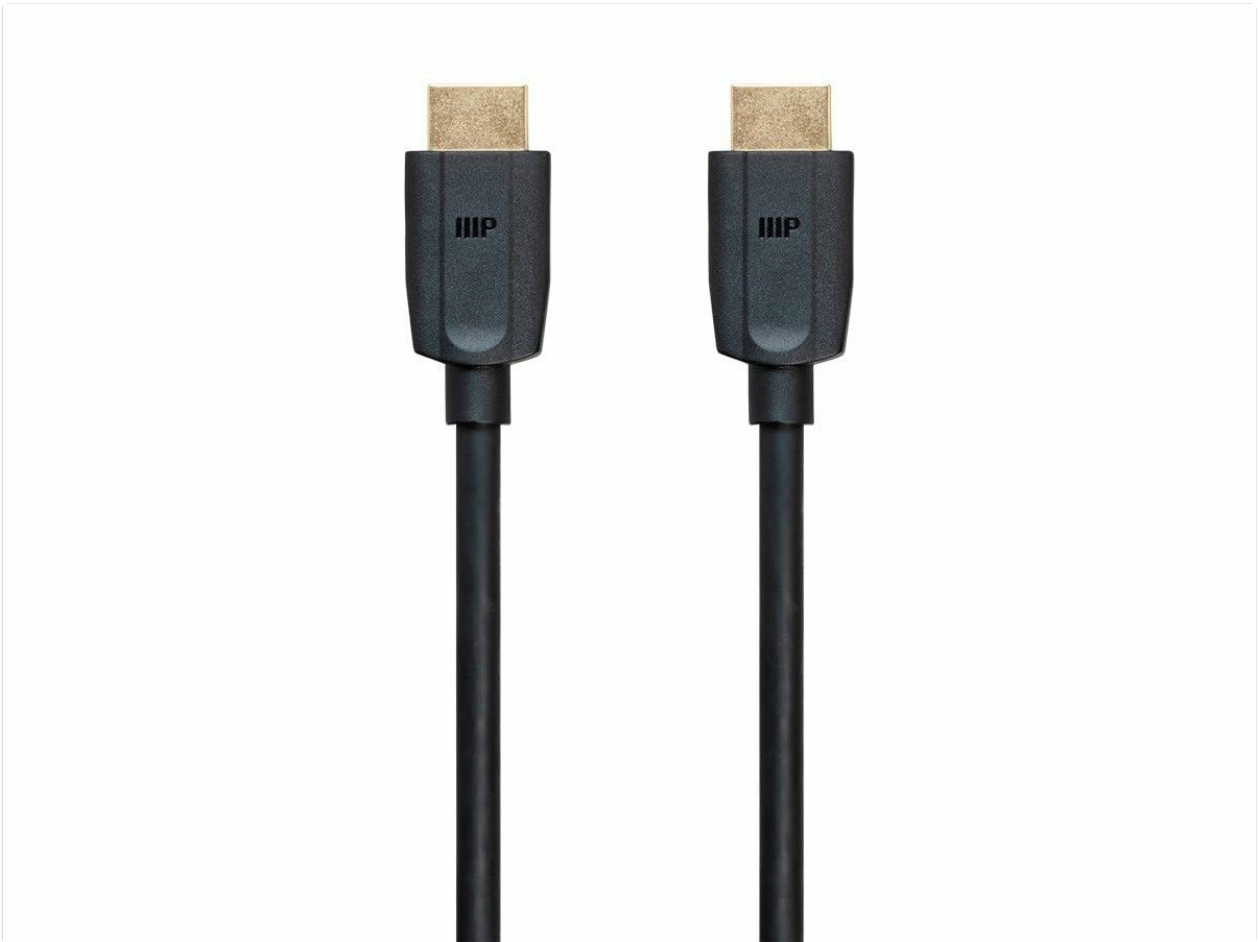


Figure 3: A close-up view of the HDMI connectors, highlighting their design.

3. OPERATING INSTRUCTIONS

Once connected, the Monoprice Ultra 8K High Speed HDMI Cable operates automatically to transmit audio and video signals. No specific software or drivers are required for its functionality.

- **Video Transmission:** The cable supports resolutions up to 8K@60Hz and 4K@120Hz, providing clear and fluid visuals for compatible devices.
- **Audio Transmission:** With eARC support, the cable facilitates high-quality audio transmission, including object-based audio formats, between compatible devices.
- **Dynamic HDR:** For displays and content that support Dynamic HDR, the cable ensures optimal picture quality by adjusting brightness, contrast, and color on a dynamic basis.

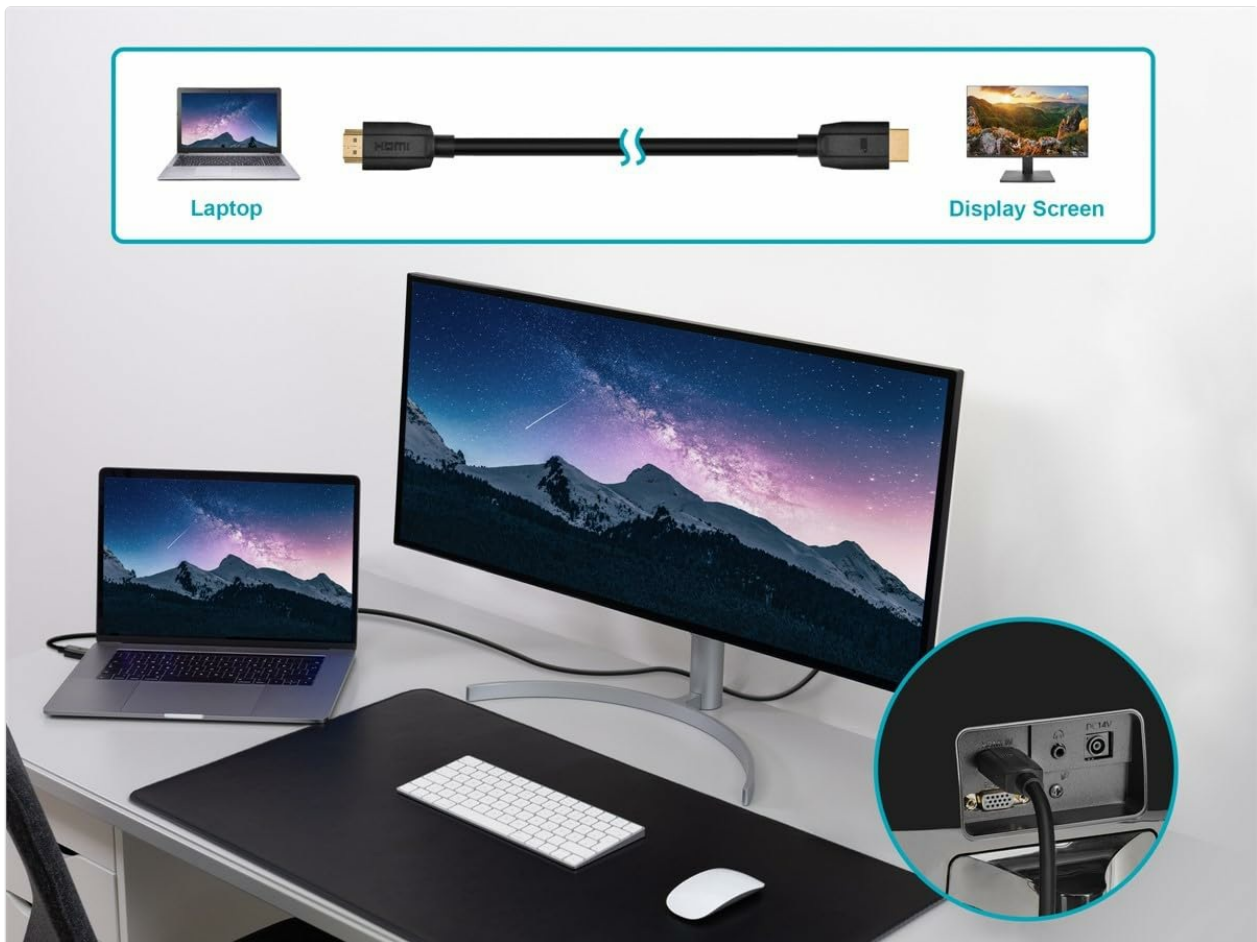


Figure 4: The HDMI cable is suitable for a wide range of applications, including conference room projectors, home theater systems, computer monitors, and HDTV gaming setups.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Monoprice Ultra 8K High Speed HDMI Cable, follow these simple maintenance guidelines:

- **Handling:** Avoid sharp bends, kinks, or excessive pulling on the cable, especially near the connectors.
- **Cleaning:** Use a soft, dry cloth to gently wipe the cable and connectors. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the cable in a cool, dry place, preferably coiled loosely to prevent damage.
- **Environment:** The cable is designed for both indoor and outdoor use, but avoid prolonged exposure to extreme temperatures or direct moisture.

5. TROUBLESHOOTING

If you encounter issues with your Monoprice Ultra 8K High Speed HDMI Cable, refer to the following common troubleshooting steps:

- **No Picture/Sound:**

- Ensure both ends of the HDMI cable are securely connected to the respective ports on your devices.
- Verify that your display is set to the correct HDMI input source.
- Restart both the source device and the display.
- Test the cable with another HDMI-compatible device or a different HDMI port if available.

- **Intermittent Signal/"Snow" on Screen:**

- This can indicate a bandwidth issue. Ensure your devices and cable are all rated for the desired resolution and refresh rate (e.g., 8K@60Hz or 4K@120Hz).
- Check for any physical damage to the cable or connectors.
- Reduce the resolution or refresh rate temporarily to see if the issue resolves.

- **No HDR/eARC Functionality:**

- Confirm that both your source device and display/audio system support Dynamic HDR and eARC, respectively.
- Check the settings on your devices to ensure HDR and eARC are enabled.
- Ensure firmware on your devices is up to date.

6. SPECIFICATIONS

Feature	Specification
Brand	Monoprice
Model	131231
Connector Type	HDMI Male-to-Male
Data Transfer Rate	48 Gigabits Per Second (Gbps)
Supported Resolution	Up to 8K@60Hz, 4K@120Hz
Audio Features	eARC (Enhanced Audio Return Channel), Dolby Atmos, DTS:X
Video Features	Dynamic HDR, Dolby Vision
Compatible Devices	Monitor, PC, PlayStation, Xbox, VR Gear, UHD TVs
Color	Black
Included Components	1x HDMI Cable

7. WARRANTY AND SUPPORT

Monoprice provides a Lifetime Warranty for this product. For warranty claims or technical support, please refer to the official Monoprice website or contact their customer service directly.

For further information, you may also visit the product detail page on Amazon:

[Monoprice Ultra 8K High Speed HDMI Cable on Amazon](#)

8. PRODUCT VIDEO

Watch the official product video for a visual overview of the Monoprice Ultra 8K HDMI Cable's features and capabilities.

Video: Monoprice Ultra 8K HDMI Cable Overview. This video highlights the cable's features, including 8K resolution support, 48Gbps bandwidth, and universal compatibility.