Monoprice 142675

Monoprice 8K Certified Ultra High Speed HDMI 2.1 Cable User Manual

Model: 142675

1. INTRODUCTION

This manual provides essential information for the proper use and understanding of your Monoprice 8K Certified Ultra High Speed HDMI 2.1 Cable. This cable is designed to deliver high-performance audio and video, supporting the latest HDMI 2.1 features.

The Monoprice 8K Certified Ultra High Speed HDMI Cable is engineered to meet the demands of next-generation audio-visual equipment. It supports uncompressed video resolutions up to 8K@60Hz and 4K@120Hz, with a bandwidth of 48Gbps. Key features include Dynamic HDR, Dolby Vision, and Enhanced Audio Return Channel (eARC), making it suitable for advanced home theater systems and gaming consoles like the Sony PlayStation 5 and Microsoft Xbox Series X/S.

Image 1.1: Monoprice 8K Certified Ultra High Speed HDMI 2.1 Cable. This image displays the full length of the black HDMI cable with both connectors visible, highlighting its robust design.

2. KEY FEATURES

- **48Gbps Bandwidth:** Supports high bandwidth content and features, including Dynamic HDR, Dolby Vision, Dolby Atmos, and DTS:X.

- **Dynamic HDR:** Ensures optimal display values for depth, detail, brightness, contrast, and wider color gamuts on a scene-by-scene or frame-by-frame basis.

- **Supports up to 8K@60Hz:** Compatible with uncompressed video resolutions up to 8K@60Hz and 4K@120Hz. Also supports resolutions up to 10K@120Hz using VESA Display Stream Compression (DSC) 1.2a.

- **eARC (Enhanced Audio Return Channel):** Simplifies audio connectivity and is optimized for object-based audio formats like Dolby Atmos and DTS:X, ensuring full compatibility with HDMI 2.1 devices.

- **Ultra High Speed HDMI Certified:** Certified by an HDMI authorized testing center, guaranteeing support for uncompressed 8K@60Hz video, HDR, VRR, eARC, and all other HDMI 2.1 specifications.

3. SETUP AND INSTALLATION

The Monoprice 8K Certified Ultra High Speed HDMI 2.1 Cable is designed for simple plug-and-play installation.

1. **Identify Ports:** Locate the HDMI output port on your source device (e.g., gaming console, Blu-ray

player, PC) and the HDMI input port on your display device (e.g., TV, monitor, projector). Ensure both devices support HDMI 2.1 for full feature utilization.

2. **Connect Cable:** Insert one end of the Monoprice HDMI 2.1 cable into the HDMI output port of your source device.

3. **Connect to Display:** Insert the other end of the cable into the HDMI input port of your display device.

4. **Power On Devices:** Power on both your source device and display device. Select the correct HDMI input on your display.

5. **Verify Connection:** Confirm that the audio and video signals are being transmitted correctly. Adjust display settings on your source device or display as needed to enable desired resolutions (e.g., 8K@60Hz, 4K@120Hz) and features (e.g., HDR, eARC).

Image 3.1: Close-up view of a Monoprice HDMI 2.1 cable connector. This image shows the gold-plated connector pins and the durable housing, illustrating the quality of the connection point.

4. OPERATING INSTRUCTIONS

Once connected, the Monoprice 8K Certified Ultra High Speed HDMI 2.1 Cable operates passively,

transmitting digital audio and video signals between your devices. No specific user interaction with the cable itself is required during operation.

- **Signal Transmission:** The cable facilitates the transfer of high-resolution video (up to 8K@60Hz or 4K@120Hz) and high-fidelity audio, including object-based formats like Dolby Atmos and DTS:X.

- **Feature Support:** Ensure your connected devices are configured to utilize HDMI 2.1 features such as Dynamic HDR, Variable Refresh Rate (VRR), and eARC for the best performance. Refer to your device manuals for specific settings.

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Video 4.1: Monoprice 8K Certified Ultra High-Speed HDMI 2.1 Cable overview. This video demonstrates the cable's features and compatibility with various devices, showcasing its high-speed data transfer capabilities and support for advanced audio/video technologies.

5. Maintenance and Care

To ensure the longevity and optimal performance of your Monoprice HDMI 2.1 cable, follow these maintenance guidelines:

- **Handle with Care:** Avoid bending the cable sharply or putting excessive strain on the connectors.

- **Storage:** When not in use, coil the cable loosely. Do not tightly wrap or kink it. Store in a cool, dry place away from direct sunlight.

- **Cleaning:** Use a soft, dry cloth to gently wipe the cable and connectors. Avoid using harsh chemicals or abrasive materials.

- **Environmental Conditions:** While CL2 in-wall rated, avoid exposing the cable to extreme temperatures or excessive moisture.

6. Troubleshooting

If you encounter issues with your Monoprice HDMI 2.1 cable, consider the following troubleshooting steps:

- **No Video/Audio:**

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

- **Flickering or Intermittent Signal:**

  - Ensure the cable is not bent or damaged.
  - Reduce the cable length if possible, especially for very high resolutions (e.g., 8K@60Hz).
  - Check for electromagnetic interference from other electronic devices.
  - Update firmware on your source and display devices.

- **Features Not Working (e.g., HDR, eARC, VRR):**

  - Confirm that both your source device and display device fully support the specific HDMI 2.1 feature you are trying to use.
  - Enable the feature in the settings menus of both your source and display devices.
  - Some devices may require specific HDMI ports to support certain features (e.g., eARC). Consult your device manuals.

7. SPECIFICATIONS

Feature	Detail
Brand	Monoprice
Model Number	142675
Connector Type	HDMI Male-to-Male
Cable Type	HDMI 2.1 Ultra High Speed
Data Transfer Rate	48 Gigabits Per Second (Gbps)
Supported Resolutions	Up to 8K@60Hz, 4K@120Hz, 10K@120Hz (with DSC 1.2a)
Supported Features	Dynamic HDR, Dolby Vision, Dolby Atmos, DTS:X, eARC, VRR
CL2 Rating	Yes (In-Wall Rated)
Color	Black
Product Dimensions	6 x 6 x 1 inches (packaging)
Item Weight	7.2 ounces
UPC	889028168691

8. WARRANTY AND SUPPORT

Specific warranty details for this product may vary by region and retailer. Please refer to the warranty information provided at the time of purchase or visit the official Monoprice website for the most current warranty policy.

For technical support, product inquiries, or further assistance, please contact Monoprice customer service or visit their official support page:

Monoprice Support

Related Documents - 142675

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.

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.

Blackbird 18Gbps 1x16 HDMI Splitter with 3D Support - User Manual

User manual for the Blackbird 18Gbps 1x16 HDMI Splitter (PN 14548) by Monoprice. Learn about features, setup, specifications, and support for 4K@60Hz, HDR, and Dolby Vision.

Blackbird™ by Monoprice™ 8K60 1x2 HDMI® Splitter with Audio Extraction User Manual

User manual for the Monoprice Blackbird™ 8K60 1x2 HDMI Splitter with Audio Extraction (P/N 44436). This device supports up to 8K@60Hz resolution, HDMI 2.1, HDCP 2.3, and features auto downscaling and audio de-embedding.

Monoprice Blackbird 4K 5x1 HDMI Switch User Manual - Specs & Setup

Comprehensive user manual for the Monoprice Blackbird 4K 5x1 HDMI Switch (P/N 42270). Learn about features, specifications, safety guidelines, and setup for seamless 4K@60Hz video distribution.

4K Pro 4x4 HDMI®
True Matrix

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.