

HDFury DrHDMI4K

HDFury DR HDMI 4K (DrHDMI4K) EDID Manager Instruction Manual

Model: DrHDMI4K

1. OVERVIEW

The HDFury DR HDMI 4K (DrHDMI4K) is an advanced EDID manager, HDMI/DVI-D emulator, and repeater designed to resolve common HDMI issues such as handshaking problems, compatibility conflicts, and EDID-related errors. It ensures a consistent signal state for your source device, which is particularly beneficial for complex system integrations. This device also enhances signal integrity and extends the +5V signal across HDMI/DVI-D chains, improving compatibility with other HDFury products and allowing for output resolution limitation.

The DrHDMI4K supports 4K HDR at 18Gbps/600MHz with zero latency, providing a robust solution for maintaining optimal video and audio performance.

2. PACKAGE CONTENTS

- DR HDMI 4K (DrHDMI4K) Unit
- USB to Mini USB Cable (for 5V power supply)
- Universal Power Adapter (with interchangeable heads for different regions)
- Instruction Manual (this document)



Image: Several HDFury DrHDMI4K units displayed, highlighting their various input and output ports for connectivity.

5. OPERATING INSTRUCTIONS

The DrHDMI4K features a rotary switch and a small display to navigate menus and select EDID modes. The device comes with pre-defined EDID presets, user-programmable banks, and a Sink EDID sniffing bank.

5.1. EDID Table Selection

Use the rotary switch on the side of the unit to cycle through available EDID tables. The current selection will be shown on the device's display. Options typically include:

- Pre-defined EDID presets (e.g., 4K30 444 8b, 4K60 420 8b, FHO 12b HDR, etc.)
- Copy Downstream EDID (to replicate the display's EDID)
- User Programmable Banks (for custom EDID settings)
- HTPC Mode

5.2. Audio Settings (eARC TV Setup)

The device allows for detailed audio routing adjustments. For eARC TV setups, you can configure the audio output to support various formats and ensure proper synchronization with your soundbar or amplifier. Refer to the device's on-screen menu for specific eARC audio routing options.

5.3. Video Settings (Dolby Vision at Projector)

For specific video configurations, such as watching Dolby Vision content on a projector, the DrHDMI4K offers scaler and HDR settings. You can adjust LLDV to HDR conversion, scaler settings (e.g., no scaling, downscale TX1, FRL to TMDS), and HDR metadata (e.g., auto). These settings are accessible via the device's menu and displayed on the Arcana display.

Video: A demonstration of the basic operation and menu navigation for the HDFury Arcana2, showcasing how to adjust settings and select different modes.

6. ADVANCED EDID MANAGEMENT

The DrHDMI4K provides robust EDID management capabilities to ensure optimal compatibility between your source and display devices. This is crucial for resolving issues where devices fail to handshake correctly or do not display the desired resolution/features.

6.1. EDID Manipulation via USB

You can connect the DrHDMI4K to a computer via its USB port to access an EDID application (available from HDFury's website). This application allows you to:

- Load custom EDID files.
- Sniff and save the EDID from a connected display (Sink EDID sniffing bank).
- Modify specific EDID features to suit your setup.

This feature is particularly useful for advanced users or system integrators who need precise control over EDID communication.

7. TROUBLESHOOTING

The DrHDMI4K is designed to mitigate common HDMI problems. If you encounter issues, consider the following:

7.1. Common Issues & Solutions

- **No Signal/Black Screen:** Ensure all HDMI cables are securely connected and are high-quality 4K compatible. Try power cycling all devices (display first, then DrHDMI4K, then source).
- **Audio/Video Sync Issues:** Experiment with different EDID presets using the rotary switch. If using a soundbar, ensure eARC/ARC settings are correctly configured on both the DrHDMI4K and your TV/soundbar.
- **Intermittent Signal Loss:** Verify that the +5V signal is stable. The DrHDMI4K can help boost this, but a faulty cable or source device might still cause issues.
- **PS5 120Hz Not Showing:** Some monitors may require specific EDID emulation to correctly display 120Hz from a PS5. You may need to use the EDID management software to load a custom EDID that tricks the PS5 into recognizing the monitor's 120Hz capability. Also, ensure HDCP is disabled on the PS5 if necessary for certain setups.

Your browser does not support the video tag.

Video: A detailed guide on how to fix PS5 120Hz display issues on compatible monitors using an EDID emulator, including necessary PS5 settings adjustments.

7.2. Factory Reset

If you encounter persistent issues or wish to revert to default settings, you can perform a factory reset. This option is typically found within the device's menu under 'FW/RESET'. Select 'Factory Default' and confirm. You may need to reconfigure settings after the reboot.

8. SPECIFICATIONS

Model Number	DrHDMI4K
Manufacturer	HDFury
ASIN	B07VK2WSWN
Package Dimensions	6.89 x 5.2 x 2.2 inches
Item Weight	1.76 ounces
Date First Available	July 21, 2019

9. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the official HDFury website or contact their customer service directly. Keep your purchase receipt for warranty claims.