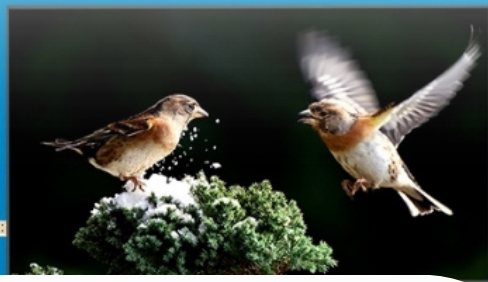




1x2 4K60HZ HDMI SPLITTER

RKV312HDR-V3.0



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1x2 4K60HZ HDMI SPLITTER

Model Number: RKV312HDR-V3.0

This 1x2 HDMI splitter, model RKV312HDR-V3.0, is designed to take a single HDMI audio/video source and distribute it to two separate HDMI displays at the same time . It is a plug-and-play device that is easy to set up and operate . This splitter is a useful tool for situations where you need to mirror a display, such as in presentations, classrooms, or home theater setups where you want to send a signal to both a television and a projector . The user manual provides detailed information on its features, specifications, installation, and troubleshooting .



Advanced Video Features

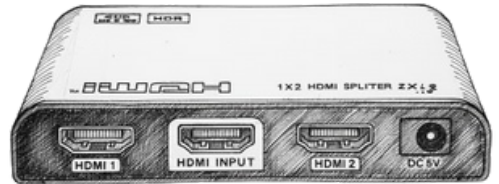
The splitter supports a wide range of video features, ensuring high-quality video output . It is compliant with HDMI 2.0 and HDCP 2.2 standards, and it supports 3D video, HDR (High Dynamic Range), and YUV 4:4:4 color space . A key feature of this device is its support for 4K resolution at a 60Hz refresh rate with zero latency, ensuring a smooth and clear picture . Additionally, it has a built-in scaler that allows for mixed 4K and 1080p display outputs, automatically adjusting the resolution to match each connected monitor .

Audio and Connectivity

In addition to video, this splitter also handles a variety of audio formats . It supports standard audio, DSD (Direct Stream Digital), and HD (HBR) audio, ensuring high-fidelity sound is transmitted to both displays . The device features one HDMI input port and two HDMI output ports, as well as a power indicator LED and two signal indicator LEDs to show the status of the connections .

Design and Power

The splitter is compact and lightweight, making it easy to place in any entertainment center or behind equipment . It has a durable black casing and is designed to operate in a temperature range of 0°C to 58°C . The device is powered by a DC5V/1A power supply and has a low power consumption of less than 2.5W . Before operating the splitter, it is important to read the safety instructions provided in the manual to prevent any damage to the unit from rain, moisture, or liquid .



Advanced Signal Management



This splitter features a built-in scaler that automatically adjusts the signal to match the native resolution of each connected display, allowing for simultaneous output to both 4K and 1080p screens without compromising quality . It also supports EDID pass-through, which ensures that the source device outputs an optimal video and audio signal for the connected displays . For safe and reliable operation, the device includes lightning, surge, and ESD protection .

Effortless Installation and Use

The splitter is designed for easy installation and operation, with a simple plug-and-play setup that requires no software or drivers . The user manual provides clear connection diagrams and instructions to guide you through the process . To get started, you simply connect your HDMI source to the input port and your displays to the output ports .

4K60Hz HDR UHD Picture Quality

Support 4K Ultra HD resolution, rich color reproduction, vivid and delicate picture.



Futures

- **4K Resolution Support:** This splitter supports video resolutions up to 4K at 60Hz, providing a clear and smooth picture for high-definition content.
- **Dual Display Output:** It takes one HDMI source and splits the signal to two separate HDMI displays simultaneously, allowing you to mirror content on two screens .
- **HDR and 3D Support:** The device is compatible with High Dynamic Range (HDR) for enhanced contrast and color, as well as 3D video formats, making it suitable for modern home theater systems .
- **Audio Compatibility:** It supports a range of audio formats, including standard audio, DSD (Direct Stream Digital), and HD (HBR) audio, ensuring high-quality sound is transmitted along with the video .

Specification	Value
Input ports	1 x HDMI
Output ports	2 x HDMI
Power Indicator led	1 x LED
Signal Indicator led	2 x LED
HDMI Version	Compatible with HDMI 2.0
HDCP Version	Compatible with HDCP1.4/HDCP2.2
HDMI Resolution	480i/480p/576i/576p/720p/1080i/1080p / 4Kx2K@24/25/30/60Hz
Frequency Range	25MHz-594MHz
Video form	Support 3D video and 4Kx2K@60Hz ultra HD video
Input and output TMDS signal	0.7-1.2Vp-p(TMDS)
Input and output DDC signal	5Vp-p(TTL)
Audio	Support standard audio and DSD (Direct Stream Digital) and HD(HBR) audio
HDR	Support
Working temperature	0~58℃
Power supply	DC 5V/1A
Power consumption	<2.5W
Dimension	96mm(L)x59mm(W)x16.8mm(H)
Weight	100g
Color	Black

