



4x1 HDMI 2.0 HDR Switch with Audio User's Guide



P/N: HDRswitch4P-Aud

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Important Safety Notices

Please read safety instructions carefully before installation and operation.

- Please pay close attention to all warnings and hints for this device
- Do not expose this unit to rain, heavy moisture, or liquid
- Do not repair the device or open the enclosure without professional guidance to avoid electric shocks. Doing so may void your warranty
- Keep the product in a well-ventilated location to avoid damage from overheating

- Shut off power and make sure environment is safe before installation
- Do not plug the HDMI cables in/out when the device is in use to avoid cable damage. Make sure they are plugged into the correct ports
- Use the included DC5V power adapter only. Make sure the specification matches if using 3rd-party DC power adapters

Introduction

The 4x1 HDMI 2.0 HDR Switch with Audio allows you to select and switch between 4 HDMI source devices to display on 1 HDMI display.

Features

- 4x1 HDMI 2.0 Switch with audio extraction and audio mix
- Supports 4K@60Hz YUV 4:4:4, HDR10, Dolby TrueHD and DTS-HD via HDMI
- Audio Return Channel (ARC) is routed from the TVs to S/PDIF Toslink or RCA
- Compliant with HDMI 2.0, HDCP 2.2 with 18Gbps bandwidth

Package Contents

- 4x1 HDMI 2.0 HDR Switch with Audio
- Remote controller
- Power adapter
- User's guide

Installation Requirements

1. HDMI source device (computer, DVD player, XBOX, PS3, etc)
2. HDMI display device (SDTV/Monitor, HDTV/Monitor, projector, etc.)
3. HDMI cables

Layout

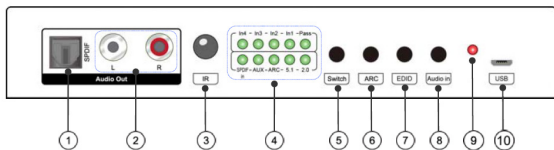


Figure 1: Front Panel

1. SPDIF Audio Out	Connects to SPDIF Toslink Optical speakers
2. Analog Audio Out	Connects to Analog stereo speakers
3. IR Window	Receives IR commands from the included remote controller
4. Source and Audio LED	Displays the active source device and audio output
5. Switch Button	Switches between the source devices
6. ARC Button	Enables / Disables ARC function
7. EDID Button	Selects EDID function
8. Audio In Button	Toggles between SPDIF and Analog audio function
9. Power LED	On when the switch is powered on
10. Micro USB Port	Firmware update port

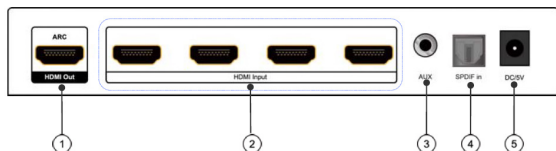


Figure 2: Back Panel

1. HDMI Out	Connects to your HDMI display
2. HDMI In (x4)	Connects to your HDMI source device(s)
3. Analog Audio In	Connects to your analog audio source device
4. SPDIF Optical Audio In	Connects to your SPDIF Optical source device
5. Power Jack (5VDC)	Connects to the included power adapter

Remote Controller

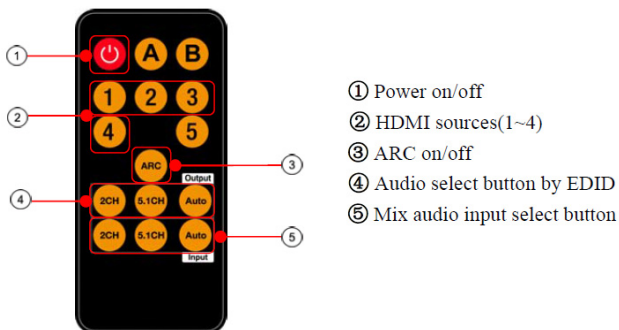
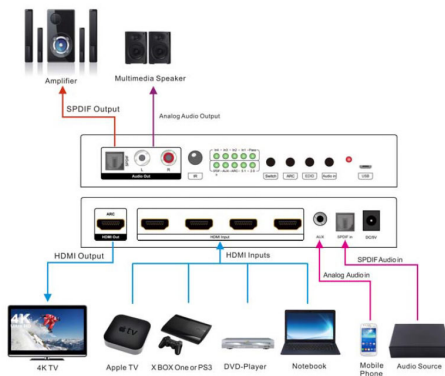


Figure 3: Remote Controller

Hardware Installation

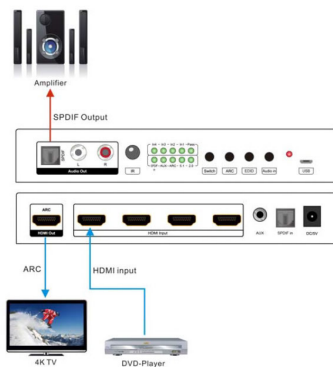
1. Power off all devices including your HDMI source(s) and HDMI display.
2. Connect your HDMI source devices to the Switch's HDMI Input connectors with HDMI cables (HDMI cables not included).
3. Connect your HDMI display to the Switch's HDMI output connector with an HDMI cable (HDMI cable not included).
4. Plug the included power adapter into the Switch's Power Jack, then plug the power adapter into a reliable power source.
5. Power on all connected devices.
6. The Switch is ready for use.

Application Diagram



Note: Only HDMI Input 1 supports CEC

ARC Application Diagram



FAQ & Solutions

Q: There is no video output or audio and video display is not normal.

A: 1) Check the power adapter connection and make sure the Switch's Power LED is on.

2) Check whether the HDMI cables are connected properly.

3) Check the TV is set to the correct HDMI input.

Q: The display is unstable or pixilated.

A: 1) Check whether the HDMI cables are connected properly.

2) Connect the HDMI source directly to the TV for proper connection.

3) Try different HDMI cables.

Specifications

Resolution (max)	4K@60Hz YUV 4:4:4
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2 / HDCP 1.4
HDMI Cable Length	1080P: 20 meters 4K@30Hz: 10 meters 4K@60Hz & HDR: 3 meters
Audio Format	Dolby True HD, DTS-HD Master Audio
Power Consumption	Minimum: 254mA Maximum: 383mA
Operating Temperature	23° to 104° F (-5 to 40 C)
Operating Humidity	5% to 90% (non-condensing)
Dimensions (L x W x H)	7" x 3.3" x 1.1"

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