

# HDMI Four-Way Switch with Audio Extractor



## Description

This product is a 4-Port UHD HDMI Switcher. It can connect 4 HDMI source devices to HDMI inputs, and switches easily between the four HDMI sources. At the same time, the switcher can extract the input HDMI audio out by the Optical port and the LR port. The switcher can also be placed at the end of a long HDMI cable to regenerate the HDMI signal. The devices offer solutions for noise, space and security concerns, data centre control, information distribution, conference room presentation, school and corporate training environments.

## Features

- 4 × HDMI input and 1 x HDMI output, can extract the Input HDMI Audio Signal, Supports 1x SPDIF optical digital audio output and 2 channel RCA analog audio output
- HDMI supports Full HD,3D and 4K2K video
- Supports deep color 30bit, 36bit,48bit
- Supports Blue-Ray 24/50/60fs/HD-DVD/xvYCC
- Supports HDMI Digital audio format: DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
- Supports 15 built-in EDID mode, can be used flexibly
- Support EDID save for each input source channel, to achieve fast change
- Supports ARC ,TV audio will return and out by the Optical Port; Supports HDMI audio separation, can output by optical and RCA at the same time
- Support SPDIF digital audio format: Dolby digital (AC3), DTS, LPCM, and support 5.1CH
- Support signal retiming
- No loss of quality. Support input or output up to 15metres AWG26 HDMI standard cable length
- Power-off memory
- Supports wide range voltage DC input (DC5V~12V)

## Specifications

HDMI Resolution	: up to 4K/30Hz, 1080P/1080I/720P/576P/480P/60Hz
Support Video Colour Format	: 24bit/deep color 30bit/36bit/48bit
Support HDMI Audio Format	: DTS-HD/Dolby-trueHD/LPCM/DTS/Dolby-AC3/DSD
HDMI Max. Bandwidth	: 340MHz
HDMI Max. Baud Rate	: 10.2Gbps
Input/Output TMDS Signal	: 0.5~1.5Volts p-p (TTL)
Input/Output DDC Signal	: 5Volts p-p (TTL)
HDMI Input Cable Distance	: ≤15m AWG26 HDMI standard cable
HDMI Output Cable Distance	: ≤15m (1080P)/8m(4K) AWG26 HDMI standard cable
Max. Working Current	: 400mA.
Power Adapter Format Input	: AC 100V~240V 50HZ/60HZ; DC5V/1A

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Operating Temperature Range	: -10°C to +55°C
Storage Temperature Range	: -20°C to +60°C
Operating Humidity Range	: 10 to 90%RH (No Condensation)
Storage Humidity Range	: 5 to 95%RH (No Condensation)
Case Dimension (L × W × H)	: 205mm×74mm×26mm
Weight	: 370g

The accessories with the machines are 5V Power Adapter, Remote and user manual.

**Part Number Table**

Description	Part Number
HDMI Four-Way Switch with Audio Extractor	33-12772