



This high performance HDMI Matrix Switcher can switch any of these four HDMI 2.0 sources to four HDMI 2.0 displays. Each input and output supports up to 4K60 444 resolution and HDCP 2.2. The outputs can be individually scaled for 1080p. De-embedded audio as analog L/R and coaxial is available for both outputs. The ARC function can return display device audio to coaxial port output only. Advanced EDID management is supported. With its 18Gbps bandwidth and the additional features with latest HDMI standards. This switcher can be controlled from the front panel, RS-232, IR remote, or TCP/IP.

Key Features

- HDMI 2.0, HDCP 2.2 / HDCP 1.4 and DVI 1.0 compliant
- Four 18G HDMI 2.0 video inputs support up to 4K60 444 resolution
- Four 18G HDMI 2.0 video outputs support up to 4K60 444 resolution
- Four outputs can be individually scaled for 4K - 1080p
- De-embedded audio to analog L/R and Coaxial ports output
- ARC audio return to the coaxial ports output only
- Built-in Web GUI for TCP/IP control
- Advanced EDID management supported
- Four methods of control: Front panel, RS-232, IR remote and TCP/IP
- Compact design for easy and flexible installation

Specifications

Technical

Parameter	Specification
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18Gbp
Video Resolution	4K2K 50/60Hz 4:4:4 4K2K 50/60Hz 4:2:0 4K2K 30Hz 4:4:4 1080p, 1080i, 720p, 720i, 480p, 480i All HDMI 3D TV formats All PC resolutions including 1920 x 1200
3D Support	Yes
Color Space	RGB, YCbCr4:4:4, YCbCr4:2:2, YCbCr 4:2:0
Color Depth	8-bit, 10-bit, 12-bit [1080P, 4K30Hz, 4K60Hz (YCbCr 4:2:0)] 8-bit [4K60Hz (YCbCr 4:4:4)]
HDMI Audio Formats	PCM2.0/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
Coaxial Audio Formats	PCM2.0, Dolby Digital / Plus, DTS 2.0/5.1
L/R Audio Formats	PCM2.0CH
HDR Support	HDR10, HDR10+, Dolby Vision, HLG
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)

Resolution / Cable Length

- Resolution : 4K60 - 4K30 - 1080P60
- HDMI IN / OUT : 10ft / 3M - 30ft / 10M - 42ft / 15M

Connections

- Input ports: 4x HDMI Type A [19-pin female]
- Output ports:
 - 4x HDMI Type A [19-pin female]
 - 4x L/R audio out [3.5mm Stereo Mini-jack]
 - 4x COAX audio out [RCA]
- Control ports:
 - 1x TCP/IP [RJ45]
 - 1x RS-232 [3-pin phoenix connector]
 - 1x IR EXT [3.5mm Stereo Mini-jack]

Mechanical

- Housing: Metal Enclosure
- Color: Black
- Dimensions: 220mm [W] x 105mm [D] x 44mm [H]
- Weight: 792g
- Power Supply: Input: AC100~240V 50/60Hz |
Output: DC12V/2.5A (Locking connector)
- Power Consumption: 10W (max), 1.56W (Standby)
- Operation Temperature: 32 - 104°F / 0 - 40°C
- Storage Temperature: -4 - 140°F / -20 - 60°C
- Relative Humidity: 20 - 90% RH (no condensation)