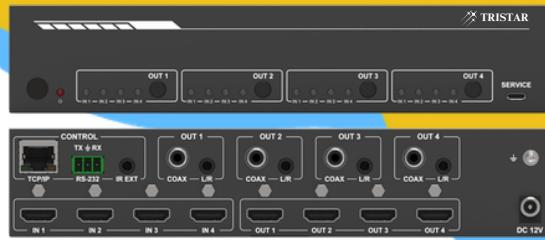




UHD HDMI switcher

TRI-AVC-H44S4K-6012



Product Overview

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 4:4:4 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 18 Gbps bandwidth and the additional features with the latest HDMI standards.

This switcher can be controlled from the front panel, RS-232, IR remote, or TCP/IP.



4K60
Resolution



TCP/IP
Control



ARC
Function

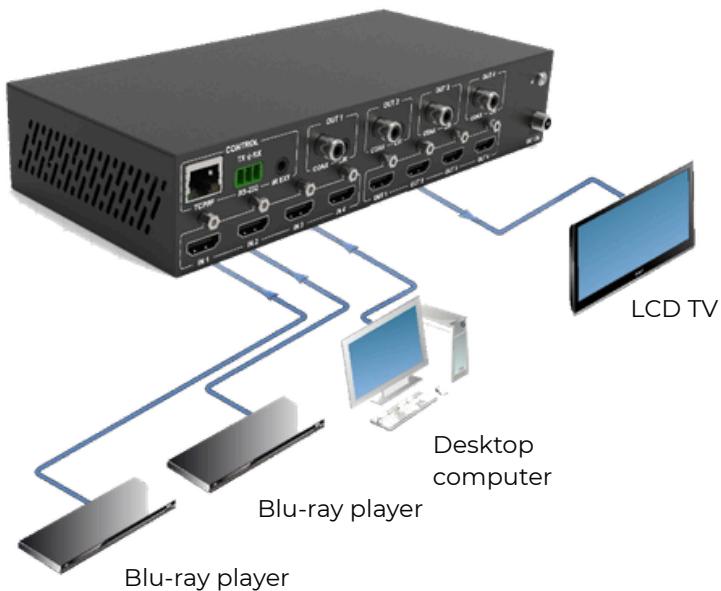


Scale

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 4:4:4 resolution.
- Four 18G HDMI 2.0 video outputs support up to 4K60 4:4:4 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.

Connection Diagram



Product specification

HDMI version

HDMI 2.0

HDCP version

HDCP 2.2

Video bandwidth

18Gbps

Video resolution

480i ~ 1080p50/60Hz, 4K×2K@24/30Hz,
4K2K@60Hz

Video color space

RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0

HDMI audio format

PCM2.0 / 5.1 / 7.1CH, Dolby Digital/Plus/EX,
Dolby TrueHD, DTS, DTS-EX, DTS-96/24,
DTS High Res, DTS-HD Master Audio, DSD

ESD Protection

Human-body Model: ±8kV (Air-gap
discharge), ±4kV (Contact discharge)

Input interface

4 × HDMI Type-A (19-pin female)

Working temperature and humidity

0°C ~ 40°C / 32°F ~ 104°F; 20%~90% RH (non-
condensing)

Output interface

4 × HDMI Type-A (19-pin female)
4 × L/R audio out (3.5mm Stereo Mini-jack)
4 × COAX audio out (RCA)

The recommended maximum output distance

Transmission 4K/60Hz → cable ≤ 3m
Transmission 4K/30Hz → cable ≤ 10m
Transmission 1080P/60Hz → cable ≤ 15m

Cover

Black metal

Size

220mm (W) × 105mm (D) × 44mm (H)

Weight

792g

Power supply

Input: AC 100~240V 50/60Hz

Output: DC 12V / 2.5A (Locking connector)

Power consumption

10W (max), 1.56W (Standby)

Storage temperature and humidity

-20°C ~ 60°C / -4°F ~ 140°F; 20%~90% RH (non-
condensing)