



Evolution 4K 4x1 HDMI Switch with ARC and HDR

EVSW1042

SKU: 17843 UPC: 741835000000

The Evolution by Vanco HDMI 4x1 Switcher (EVSW1042) allows 4 HDMI sources to be distributed to 1 display, with the ability of controlling each source connected and input switching from the display remotely via IR. Allows multiple sources to be switched on a single display by creating additional HDMI inputs. The EVSW1042 is capable of up to 4K/60Hz Ultra High Definition resolution, 4:4:4 chroma capability, and HDR with HDCP 2.2, making this unit the most up to date HDMI switcher for 4K transmission. Also features EDID management for audio, which allows selection of a preferred type of audio transmission. Equipped with ARC (Audio Return Channel) functionality, which allows the connected ARC equipped display to send audio data upstream to an ARC equipped A/V receiver or surround audio controller, via toslink or stereo output for expanded audio distribution. In addition, the EVSW1042 features RS-232 for control of the main switching unit as well as IR routing, which allows for remote source control at the display location. The result is a great solution for HDMI switching which offers multiple features and full 4K capability, the EVSW1042 4x1 Switcher is a great choice for any application.

Features

- Allows 4 HDMI sources to be switched to 1 display
- Supports 4K2K (2160p @60Hz w/ 4:4:4 color sampling) Ultra High Definition Resolutions
- Supports HDR (High Dynamic Range)
- Features Audio EDID management which allows selection of preferred audio channel
- Supports auto switching or manual switching mode
- IR pass-through for source control with included IR accessories
- Controllable via RS-232 and/or IR
- Supports ARC (Audio Return Channel) and CEC (Consumer Electronic Control) functionality
- Supports PCM, Dolby TrueHD, and DTS-HD Master Audio up to 7.1 CH audio formats
- Digital and analog audio outputs for audio extraction
- HDCP 2.2 compliant
- 5V DC Power Supply
- 7 W x .5 H x 3.3 D

Specifications: Frequency Bandwidth 18Gbps HDCP 2.2 Compliant (backwards compatible) Input Ports (4) HDMI Female ports, (1) IR EXT port and (1) RS232 port Output ports (1) HDMI Female port, (1) 3.5mm analog audio port and (1) Optical port HDMI Video Output 480i ~1080p50/60, 4K2K@24/30/60Hz, 4:4:4 color subsampling; HDR and 3D Compatible HDMI Audio Output PCM, 2.1/5.1/7.1CH, Dolby 5.1, DTS5.1, DolbyTrueHD, DTS-HD ESD Protection Human Body Model: ± 8kV (air-gap discharge) ± 4kV (contact discharge) Dimensions (mm) 180 (D) x 85 (W) x 11.6 (H) Weight 300g Power Consumption (Max) 2.5W Operating Temperature 0°C ~ 40°C / 32°F ~ 104°F Storage Temperature -20°C ~ 60°C / -4°F ~ 140°F