CH-1539TXPLPD

4×1 HDMI/DP/VGA/USB Type-C to HDBaseT 4K UHD+ Switcher

4K UHD+

This switcher is a 4K@60Hz (4:4:4) switcher featuring HDMI, DisplayPort, USB Type-C, and VGA with stereo inputs which are automatically converted to the standard HDBaseT format for use with compatible receivers. The HDMI, DisplayPort and USB-C inputs support resolutions up to 4K@60Hz (4:4:4, 8-bit) and the VGA input supports resolutions up to WUXGA (RB). With the use of the 3.5mm audio input, stereo audio may be embedded with the VGA source as well. Despite HDBaseT's 10.2Gbps bandwidth limitation, high bandwidth 4K UHD HDMI video sources, up to and including 4K@60Hz (4:4:4, 8-bit), can be supported and will be automatically converted to 8-bit color, or the 4:2:0 color space when necessary.

Signal management features such as automatic switching based on input signal and hot plug detection enable convenient hands-free operation. Comprehensive EDID management is also available. The USB Type-C input can provide power (up to 60W) to any connected device and the HDBaseT output provides 48V PoH (Power over HDBaseT) to power compatible receivers, providing greater flexibility in installations. Control is provided via a front panel button, WebGUI, Telnet, and RS-232.

- HDMI 2.0, DisplayPort 1.4, and DVI 1.0 compatible
- HDCP 1.x and 2.2 compliant
- Switchable HDMI, DisplayPort, USB Type-C, and VGA with 3.5mm audio inputs
- HDBaseT output
- Digital inputs support up to 4K UHD (18Gbps, 4K@50/60Hz 4:4:4, 8-bit) video
- Supports VGA input resolutions up to WUXGA (RB)
- Analog stereo audio may be embedded with VGA or DVI/HDMI sources
- HDBaseT output supports resolutions up to 4K@60Hz (4:2:0, 8-bit) with automatic color space conversion of 4K@50/60Hz (4:4:4, 8-bit) or 4K@any (10/12-bit) sources
- Supported HDBaseT feature set: HD Video and Audio, 48V PoH, and Control (bidirectional IR/RS-232 pass-through)
- Supports standard 48V PoH from the unit to connected HDBaseT Receivers (compatible Receivers only)
- Simultaneous transmission of uncompressed video, audio and data over a single 70m/230ft Cat.5e/6/7 cable at 1080p and 40m/131ft at 4K
- Supports pass-through of many audio formats including LPCM 2.0/5.1/7.1, Bitstream, and HD Bitstream
- Supports manual input selection or automatic input selection with hot plug detection and "Last Memory" feature
- Comprehensive EDID management
- USB Type-C port provides up to 60W to power or charge the connected device
- Controllable via a front panel button, WebGUI, Telnet, and RS-232

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