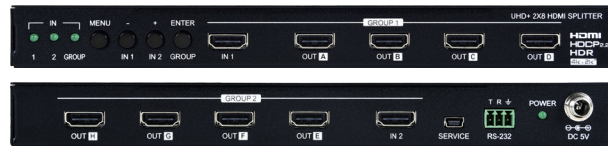


CPLUS-V8PT

NEW 4K HDR 2x8 HDMI Switching Splitter with Group Mode



INTRODUCTION

This Splitter is an advanced solution providing high performance audio and video support including HDR and other features defined by the HDMI 2.0a specification. 4K UHD HDMI video sources, up to and including 4K@60Hz (4:4:4, 8-bit) as well as 10/12-bit sources with HDR, are able to be passed along to the 8 outputs. Pass-through of multiple digital audio formats such as LPCM 7.1, Bitstream and advanced HD Bitstream with audio sampling rates up to 192kHz are also supported. An independent HDCP management engine for each output ensures stable HDCP performance.

This splitter also includes a special “Group Mode” which allows the unit to function as two independent 1x4 splitters. When Group Mode is enabled, each of the 2 HDMI inputs are routed to their own discrete set of 4 outputs.

When a mixture of displays with different specifications are connected, each output can be configured to scale 4K to 1080p or apply color space conversion (4:4:4 to 4:2:0), as appropriate. Support for the CEC “active source” command to periodically reset input selection on CEC-compatible connected displays is also included. This unit provides an intuitive set of front panel controls with an OSD as well as RS-232 control options.



FEATURES

- HDMI with HDR, 3D & 4K@60Hz support, DVI 1.0 compatible
- HDCP 2.2 and HDCP 1.x compliant
- Supports up to 4K UHD (18Gbps, 4K@50/60Hz 4:4:4, 8-bit) video signals
- 8 output HDMI splitter with 2 selectable inputs and automatic input switching support
- Special “Group Mode” allows the unit to function as two independent 1x4 splitters in a single box
- Supports current 10-bit and 12-bit HDR (High Dynamic Range) formats
- Supports pass-through of LPCM 7.1, Bitstream and advanced HD Bitstream audio formats
- Per-output, selectable, 4K to 1080p down-scaling/color space conversion (4:4:4 to 4:2:0)
- Independent HDCP management engine for each output ensures stable performance
- Supports eight internal EDIDs, eight external EDIDs copied from connected devices, and two user provided EDIDs
- Support for the CEC “active source” command to periodically reset input selection on CEC-compatible connected displays
- Controllable via front-panel buttons with OSD and RS-232



SPECIFICATIONS

CPLUS-V8PT

Input Ports	2xHDMI
Output Ports	8xHDMI
Control Ports	1xRS-232 (Terminal Block) 1xUSB (Mini-B)
Power Supply	5V/3A
Dimensions	240mmx25mmx103mm (WxHxD) [Case Only] 240mmx25mmx103mm (WxHxD) [All Inclusive]
Weight	616g