



OR-88U-4K22

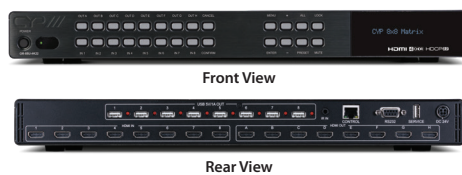
8 x 8 HDMI Full 4K Matrix Switcher with USB Power



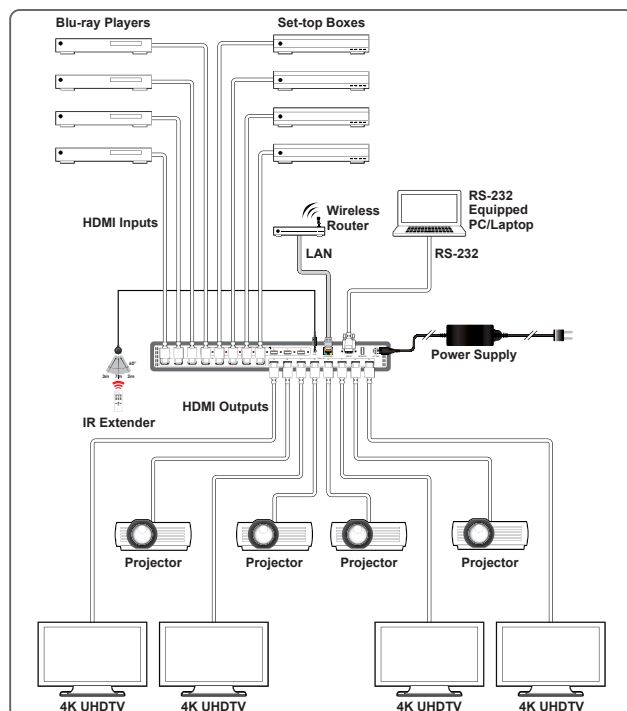
The OR-88U-4K22 8x8 Matrix provides the ability to connect up to eight 4K UHD HDMI sources to up to eight 4K UHD HDMI displays and freely switch between them. This unit comes with full support for 18Gbps (6G) resolutions up to, and including 4K@60Hz (4:4:4, 8-bit) as well as support for 16-bit Deep Color up to 1080p@60Hz, HDR (High Dynamic Range), HD audio and other features defined by the HDMI 2.0a specification. With a comprehensive EDID management feature that includes the ability to select between built in default EDID, copied EDID from connected sink devices, as well as a configurable EDID, this matrix can solve many inter-connectivity problems.

This unit also features eight USB ports which supply up to 5V/1A power for use with connected AOC (Active Optical Cable) fiber cable extenders. By using these specialized cables your HDMI content can be extended much further than would be possible with normal HDMI cables. The built-in OSD has the ability to display user defined text, enabling each output to display 2 lines of custom text on top of the video source in the colour of your choice. This unit provides an intuitive set of front panel controls with an LCD, RS-232, Telnet, Web GUI, and IR remote control options.

PANELS



DIAGRAM



FEATURES

- HDMI 2.0a and DVI 1.0 compliant
- HDCP 2.2 Compliant
- Eight HDMI inputs matrixed to eight HDMI outputs with 18Gbps (6G) 4K UHD support
- Supports UHD resolutions up to 3840x2160@60Hz (4:4:4, 8-bit) & 4096x2160@60Hz (4:4:4, 8-bit) plus HDR
- Supports 16-bit Deep Colour up to 1080p@60Hz
- Supports pass-through of audio formats including LPCM 2.0/5.1/7.1, Bitstream, and HD Bitstream
- Supports six internal EDIDs, eight external EDIDs copied from connected devices, and four user provided EDIDs
- Eight USB ports to supply 5V/1A power to AOC (Active Optical Cable) fiber extension cables
- OSD with user definable information text
- Controllable via front-panel buttons with LCD, Web GUI, Telnet, RS-232, and IR remote

SPECIFICATIONS

Interfaces

Input Port	8xHDMI
Output Port	8xHDMI 8xUSB Type A (Power only, 5V/1A)
Control I/O	1xIR Extender (3.5mm) 1xRS-232 (9-pin D-sub) 1xIP Control (RJ45)

Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)
HDCP Compliance	2.x
Input Signal Types	4096x2160p@60 8-bit YUV 4:4:4
Output Signal Types	4096x2160p@60 8-bit YUV 4:4:4

Resolutions

Maximum Input	HDMI	4096x2160p@60
Maximum Output	HDMI	4096x2160p@60

Power

Power Supply	24V/6.25A DC (US/EU standards, CE/FCC/UL certified)
Power Consumption	110W

Enclosure

Chassis Material	Metal
Chassis Colour	Black
Dimensions (WxHxD)	438mmx44mmx269mm [Case Only] 438mmx49mmx274mm [All Inclusive]
Weight	3,600g

Field Firmware Update

USB

ORDERING INFORMATION

Model No.	Product Description
OR-88U-4K22	8 x 8 HDMI Full 4K Matrix Switcher with USB Power