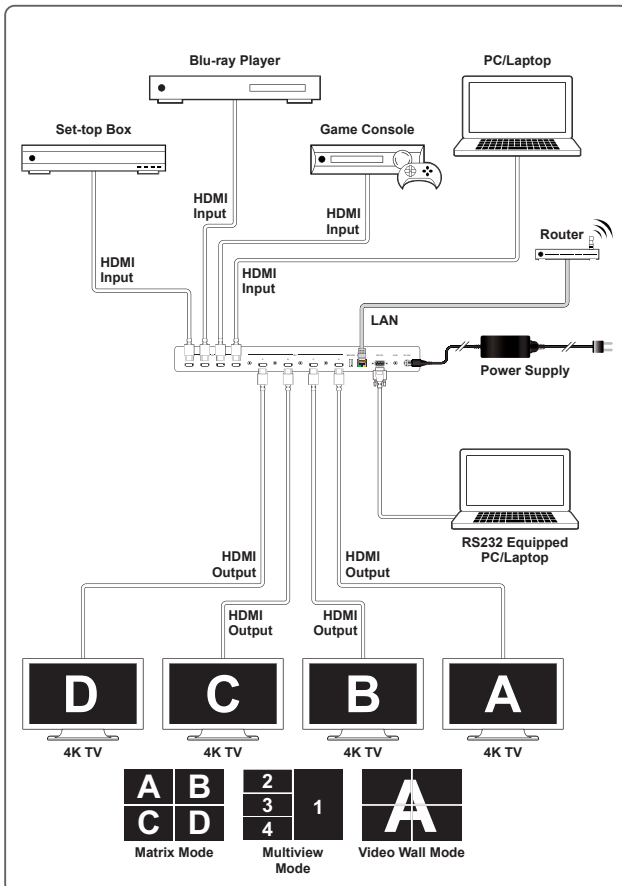# ▶ CPLUS-44SM

4K60 4x4 HDMI Seamless Matrix

This unit allows the signal from 4 different input sources to be freely selected and arranged on 4 displays, providing output modes (Matrix, Multiview and TV Wall) for various applications. It is an ideal solution for monitoring or displaying multiple sources simultaneously for use in control rooms, conference rooms or classrooms. Video resolutions supports up to 4K@60Hz and is fully compatible with the HDCP up to 2.2 standards.Pass-through of multiple digital audio formats such as LPCM (up to 8 channels), bitstream and HD bitstream at 192kHz are supported. Standard control is available via front panel controls with LCD menu, information OSD, remote control, RS-232, Telnet, and WebGUI making it exceptionally versatile.

PANELS

Front View

Rear View

DIAGRAM

FEATURES

- 4 HDMI inputs and 4 HDMI outputs supports up to 4K UHD (4K@50/60Hz 4:4:4)
- Controllable via front panel controls with LCD menu, information OSD, remote control, RS-232, Telnet, and WebGUI
- Seamless switching (no loss of sync to display) when switching sources in Matrix mode
- Supports up to four simultaneous, freely scalable, windows in multiwindowing mode
- Supports the ability to store a multi-window arrangement as a preset that can be recalled later
- Auto-window mode that will automatically change the number of visible windows based on the number of live sources
- Uploadable and freely positionable graphic logo support
- Uploadable freerun logo for video mute and standby
- Front panel lock support
- Comprehensive EDID and HDCP management
- HDMI 2.0 compliant
- HDCP 1.x and 2.2 compliant

SPECIFICATIONS

Interfaces	
Input Ports	4×HDMI (Type-A)
Output Ports	4×HDMI (Type-A) 4×Stereo Audio (3.5mm)
Control Ports	1×IR Extender (3.5mm) 1×RS-232 (DE-9) 1×IP Control (RJ-45)
Service Port	1×USB 2.0 (Type-A)

Video		
HDMI Compliance	HDMI 2.0 (DVI 1.0)	
HDCP Compliance	HDCP2.2	
Input Signal Types	4096x2160p@60 YUV444 8bit	
Output Signal Types	4096x2160p@60 YUV444 8bit	
		Resolutions
Maximum Input	HDMI	4096x2160p@60
Maximum Output	HDMI	4096x2160p@60

Audio	
HDMI	LPCM (8Channels), Bitstream, High Bit Rate Bitstream
Line Out	2 Vrms, S/N Ratio: > 70dB (1kHz with 0dBFS)X

Power	
Power Supply	24V/4A
Power Consumption	46.85W

Enclosure	
Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (W×H×D)	438mm×44mm×269mm [Case Only] 438mm×44mm×272mm [All Inclusive]
Weight	3258g

Field Firmware Update
WebGUI, USB flash drive

ORDERING INFORMATION

Model No.	Product Description
CPLUS-44SM	4K60 4x4 HDMI Seamless Matrix