



Ultra-Flexible 4K60 Video Wall Controller with Multi-Input, Audio Extraction, and Versatile Layout Options

Connect a single HDMI video source to multiple 4K displays

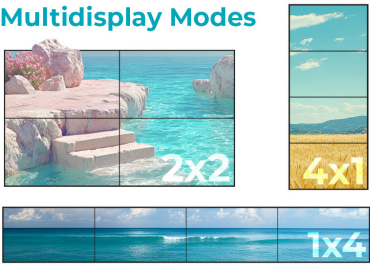
Versatile Display Solutions for Multi-Screen Environments

Experience the ultimate in display flexibility with this advanced video wall controller, designed to seamlessly distribute one HDMI® or USB-C® source—such as a Blu-ray player, computer, laptop, media player, or gaming console—across up to four screens at once. Supporting a range of display configurations including 2x2, 1x2, 2x1, 1x3, 3x1, 1x4, and 4x1, this device ensures your visuals are as dynamic as your needs. The controller boasts multiple input (x2) and output (x4) options, with support for resolutions up to 4K@60Hz and various formats such as 1024x768, 720p, and 1080p. Advanced features include bezel adjustment for seamless screen edges, image rotation up to 180°—perfect for ceiling installations—and comprehensive EDID® management for optimal compatibility.

Enjoy effortless audio extraction with both optical (S/PDIF) and analog (RCA) outputs, with support for LPCM, Dolby Digital, and DTS formats. The controller is easy to operate using front panel buttons, an IR remote, or RS-232 commands, making it suitable for both professional and casual users. Control is intuitive, and installation is truly plug-and-play—no additional drivers or complex setup required. The package includes everything you need: the 4K60 Video Wall Controller, remote control, Phoenix connector, power adapter, and a detailed user manual.

This video wall controller is the ideal solution for creating powerful, customizable visual experiences in any environment.

- Supports up to 4 screens in up to 8 different configurations: 1x1, 2x1, 3x1, 4x1, 1x2, 1x3, 1x4, 2x2
- Supports 180° image rotation, convenient for ceiling installation
- HDMI and USB-C inputs
- Supports bezel adjustment for splicing the edge between screens
- Advanced EDID management
- Control via front panel buttons, IR remote, and RS-232 commands
- Audio extraction via optical (S/PDIF) or analog (RCA) outputs
- Simple plug-and-play, no external drives or special installation settings required



FLEXIBLE MULTI-SCREEN CONFIGURATIONS

Supports up to 4 screens in 8 versatile layouts, including 2x2, 1x4, and 4x1—ideal for any video wall setup.

ADVANCED IMAGE AND AUDIO CONTROL

Features 180° image rotation, precise bezel adjustment, and comprehensive EDID management for seamless visuals, plus audio extraction via optical and analog outputs.

EFFORTLESS OPERATION & COMPATIBILITY

Offers HDMI and USB-C inputs, simple plug-and-play installation, and multiple control options—front panel buttons, IR remote, and RS-232—for easy integration in any environment.

Full Specs

P/N	48163
Inputs	1x HDMI, 1x USB-C
Outputs	4x HDMI, 1x Optical (S/PDIF), 1x Stereo Audio (RCA)
HDMI® Version	2.0b
HDCP™ Version	2.2
Maximum Resolution	4K@60 Hz (also supports 720p@60 Hz, 1080p@60 Hz, 4K@30 Hz, 1024x768p@60 Hz)
Supported Color Spaces (4K@60 Hz)	8-bit RGB/YCbCr 4:4:4, 10-bit RGB/YCbCr 4:2:2, 12-bit RGB/YCbCr 4:2:0
Bandwidth	18 Gbps
Video Codecs	HDR
Audio Formats	HDMI IN/OUT: LPCM 2.0/5.1, Dolby Digital/Plus/EX, DTS, DTS-EX, DTS-96/24 L/R OUT: PCM 2.0 S/PDIF (OPTICAL): Dolby Digital/Plus, DTS 5.1, PCM 2.0
EDID	Display pass-through using dip switch
Maximum HDMI Length	4K@60 Hz: 8 m / 26 ft; 1080p@60 Hz: 15 m / 49 ft
Control	1 × RS-232 (3-pin 3.81 mm Phoenix connector) 1 × IR EXT (3.5 mm, Stereo Mini-jack)
Power Adapter	Input: AC 100-240 V, 50/60 Hz, Output: DC 12 V / 1 A (US/EU standard, CE/FCC/UL certified)
Power Consumption	5.5 W (Max)
Operating Temperature	32 – 104 °F / 0 – 40 °C
Storage Temperature	-4 – 140 °F / -20 – 60 °C
Relative Humidity	20 – 90% RH (no-condensing)
Packaging Method	Corrugated box
Unit Dimensions (L x W x H)	3.9" x 8.7" x 1.2" (100 x 220 x 30 mm)
Unit Package Dimensions (L x W x H)	
Product Weight	13 lbs (0.59 kg)
Packaged Product Weight	



PACKAGE CONTENTS

- 1x 4K60 1x4 Video Splitter with HDMI
- 1x 5V / 1A Power Supply
- 1x User Manual