

# MLT-PROWALL-4K

Quad Multi-Input Videowall Controller  
with Audio Support and Edge Overlap



## VIDEO WALL CONTROLLER

### KEY FEATURES

- Four Output Video Wall Controller;
- 1080P output resolution on each port;
- Supports 4K/2K Input resolution with no compression;
- Pre-defined display profiles;
- Selectable preset bezel correction;
- Allows multiple content in cascading;
- PIP/POP function;
- Front panel DIP Switch selections, no PC required;
- Controlled through RS 232 or IR remote;
- HDMI Loop out port for daisy chain connection;
- Cascade with multiple MLT-PROWALL-4K for expansion;
- Switching between single content or multiple contents by RS232;
- Supports display flipping and rotation;
- Bezel Compensation;
- 256 Display Presets.

### MLT-PROWALL-4K

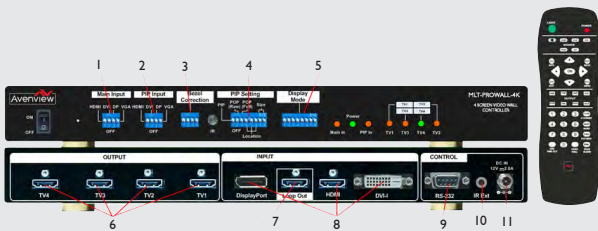
CABLE INDEX  
HDMI CABLE  
INPUT SOURCE



### MECHANICAL SPECIFICATIONS

<b>Housing</b>	Metal Case
<b>Dimensions</b>	12" x 6.2" x 1.3"
<b>Net Weight</b>	5.733lbs
<b>Power Supply</b>	12V 3.33A DC / 110-240V
<b>Power Consumption</b>	TBA
<b>Operating Temperature</b>	0~40°C [32~104°F]
<b>Storage Temperature</b>	20~60°C [-4~140°F]
<b>Relative Humidity</b>	20-90% RH [No Condensation]

### PANEL DESCRIPTION



- |                                    |                              |
|------------------------------------|------------------------------|
| <b>1</b> Main Input Selection      | <b>2</b> PIP Input Selection |
| <b>3</b> Bezel Settings            | <b>4</b> PIP/POP Settings    |
| <b>5</b> Display Profile Selection | <b>6</b> Output Interfaces   |
| <b>7</b> HDMI Loop Out             | <b>8</b> Input Interfaces    |
| <b>9</b> RS 232                    | <b>10</b> IR Extender        |
| <b>11</b> Power Jack               |                              |



### ITEM

### SPECIFICATION

<b>Description</b>	Video Wall Controller
<b>Output Displays</b>	DVI/HDMI/DP (640 x 480 up-to 4K/UHD)
<b>Output Support</b>	4X HDMI
<b>Input Support</b>	1x DVI-I + 1x HDMI + 1xDP
<b>Video Loop Out (HDMI)</b>	Yes
<b>HDCP Video Compliance</b>	Yes
<b>Input Video Resolution</b>	Support 4k/2k @30Hz, 1080p @120Hz, 2560x1600 / 3840x1080 @60Hz input with 4:4:4 sampling
<b>Output Video Resolution</b>	Support 4k/2k @30Hz (Combined screens), 1080p @120Hz, 2560x1600 / 3840x1080 @60Hz input with 4:4:4 sampling
<b>Audio Support</b>	HDMI Audio
<b>Image Rotation</b>	Yes. 90 / 180 / 270 Degrees
<b>Control</b>	IR Remote, RS 232, DIP Switches, Ethernet (optional external)
<b>Preset Configuration</b>	Up to 256 Preset Display modes
<b>Bezel Compensation</b>	Yes
<b>Video Processing</b>	10 bits 4:4:4 Full Bandwidth Sampling with 3D de-interlace
<b>Picture in Picture (PIP)</b>	Up to 1024x768, selectable location and selectable aspect ratio
<b>Picture on Picture (POP)</b>	Two images in one video wall at full screen
<b>Image Rotation</b>	90°/270° flip and rotation (ALL Screens at the same time)
<b>Ear Mount Screw Holes</b>	Yes



VIDEO WALL VIDEO PROCESSORS  
MULTIVIEWERS DIGITAL SIGNAGE  
EXTENDERS CONTROL CENTERS  
SCALERS WIRELESS



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