

4K video wall controller

User Manual

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1th installation instructions

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

About Equipment installation, please note the following:

1 . Power supply

This device uses 100-240V AC input voltage , In order for the device to work properly.

2 . Power

Equipment is required when moving or other jobs that require power, to turn off all the power, pull the plug, in order to ensure the safety of you and your equipment.

3 . Cable

Not in power cable, signal lines, communication lines, such as cable, cables were crushed or squeeze should be avoided to prevent danger of leakage or short circuit.

4 . Signal cable connections

Plug from the device, pull the signal line, the device need to power down, so as not to damage the device. Charge plug damage is not covered under warranty.

5 . Openings

Outer surface of the device may be cooling holes, do not plug the hole, so as to avoid heat accumulation and damage equipment or cause a fire risk.

6 . Equipment installation

Reasonable placement of equipment, such as loading standard rack, chassis, Cabinet, or placed on a solid, flat work surface to prevent equipment fell.

7 . Environment

Equipment working environment, pay attention to dust, moisture, especially to prevent liquids from soaking and splashed into the device.

8 . Maintenance

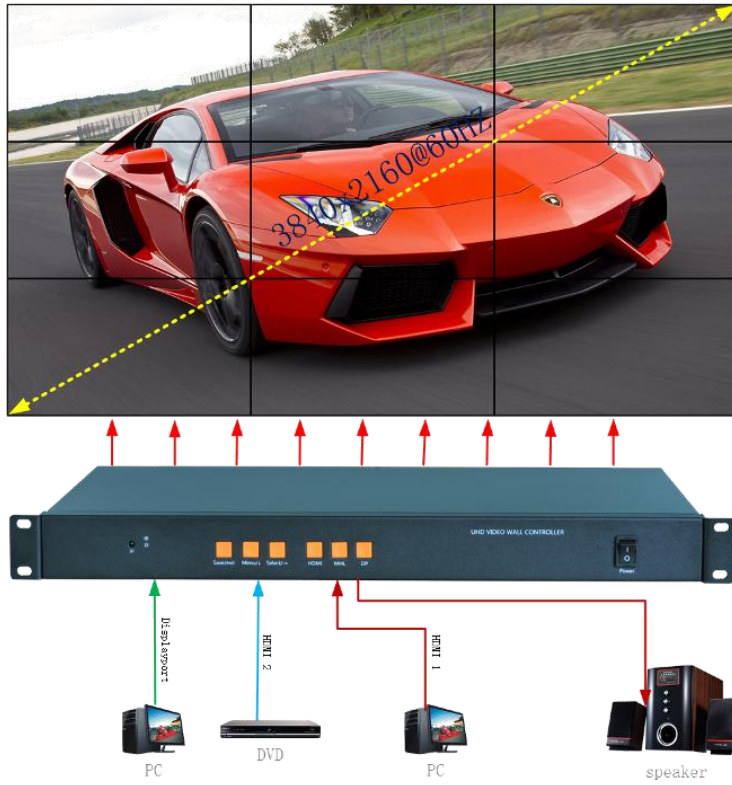
All repair work should be done by professional maintenance personnel without training do not attempt to repair the device yourself. To prevent the risk of electric shock, do not open the housing.

2th product brief

1. Overview

This 4K series video wall controller include 1x2,2x2 2x3 3x3 and 3x4 video wall controller,Please choose the corresponding model according to your actual video wall use .

Specifications	
Signal input	
Input interface	1x HDMI 2.0, and 1x DP, 1x MHL(HDMI1.4);
Resolution	HDMI and DP max resolution support 3840*2160@60HZ, backward compatible;MHL max support 4K@30hz
Output	
Output interface	2-12 HDMI ports. 1x 3.5mm audio port
Output resolution	1920x1080@60HZ ;
Color depth	30bit,1000M
Control mode	Keys and remote control
Input voltage	AC100-240V;
Display mode	Custom 2x2, 3x3, 4x4, 3x4, 2x3, 2x4, 2x5, 2x6,4x6..
Product size (1U)	442mm (long) x242mm (deep) x44mm (high)
Product size (mini 2x2)	299mm x 175mm x 35mm
Product weight	1U :3.0KG(±3%) 2x2 mini version :1.5KG(±3%)
Package size (1U)	565mm x 350mm x 140mm
Package weight	1U :4.0KG(±3%) 2x2 mini version :2.5KG(±3%)
Power consumption	1U :Max 90W mini 2x2 : max 50W



2. Image of video wall controller

Mini version (2x2)



1U version (2x3,3x3,3x4)



3th controller installed

1, Open the package

Check the host, the power cord, remote control and instructions.

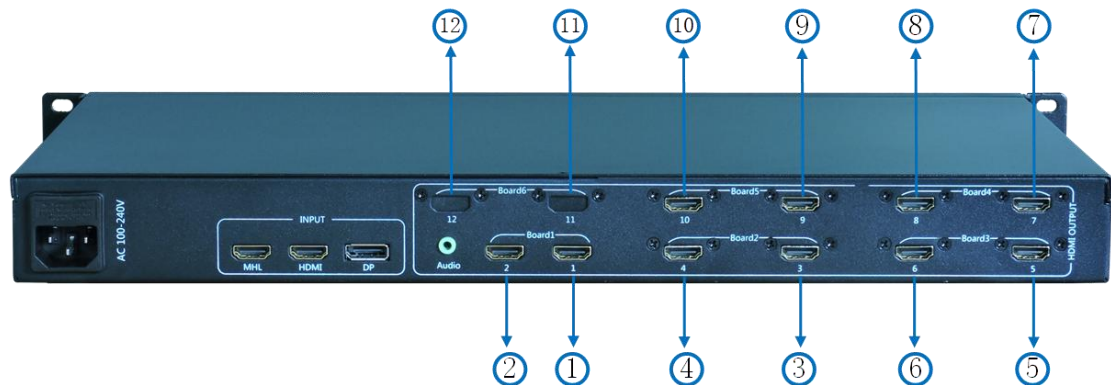
2, Installation machine

2.1, TV sets:

LCD TV or other display device setting input signal to HDMI .If Display unit has multiple HDMI input ports, Pls make sure that connect the correct port;

2.2 , Stitching device connected to the TV:

Please note that the TV must be connected to the corresponding port of the video wall controller.You can check below picture of the output ports .



Please make sure that each TV corresponds to the correct ports of video wall controller .The number represents the output of the video wall controller .

1	2	3
5	6	7

 2×3

1	2
3	4
5	6

 3×2

1	2	3	4
5	6	7	8

 2×4

1	2	3
5	6	7
9	10	11

 3×3

1	2	3	4
5	6	7	8
9	10	11	12

 3×4

1	2	3	4	5
7	8	9	10	11

 2×5

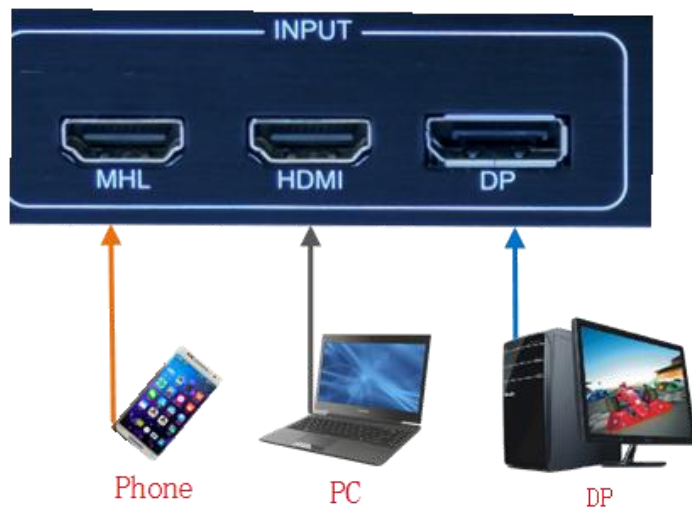
2.3 、 Input signal connections

This device can support HDMI/DP/MHL source in more details check below .

MHL : Support HDMI1.4 Signal input, maximum support 3840x2160@30HZ
HDMI Signal input can be backwards compatible; use a MHL to HDMI cable can compatible with MHL Output device, such as MHL function phone and pad etc.

HDMI : Support HDMI 2.0 Signal input, enter the maximum resolution support 3840x2160@60HZ;

DP : Support maximum resolution support 3840x2160@60HZ;



2.4 , Audio connection

2.5 , Power on boot

Finished the connect of the cable, connect the power, then the power indicator light, means the equipment in good working condition;

4th Remote control settings

After connect the video wall controller to the TV, the red power indicator light is on, and the device can work normally. The device can be easily set or configured through the remote control or key button.

1. set up the remote control:

1 . menu

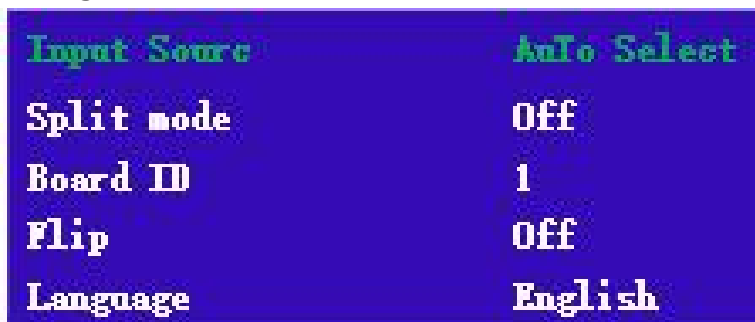
Press the remote control **MENU** Key, Will come out with a main menu

2 , Select the submenu

Press the **MENU** button continuously to make the cursor stay in different submenus. The submenu that is staying is red text. Press **OK** to select to enter the submenu. After the selected menu changes to green text, the corresponding submenu can be set.

3 . Change the product settings

After menu turns to green, can use the remote control ◀ Or ▶ keys to change product parameters or properties, press the return key ↵ to save the setting and exit the menu.



2. signal source selection

Source menu options have: Auto-select, D0: DP , D1:HDMI , D2:MHL .

2.1 , Automatic selection:

The sub-menu "Source" is set to "Automatic Selection" by the remote control. When the device is not connected to other sources, the inserted signal source can be automatically recognized and automatically displayed on the splicing unit.

2.2,Manual selection:

Can be used for single source or multiple sources to connect to the device at the same time, manually switch the corresponding port through the remote control

3. split mode

A variety of stitching modes can be selected through the submenu, such as 1x2, 1x3, 1x4, 2x2 mode, etc. Normally, the split mode is set before leaving the factory and no need to set.

4, Board, card ID -Flip

After selecting the "board ID" number, set whether the ID number image needs to be rotated 180 degrees in the menu "Flip".

5, the language

Menu can be selected by remote control: English , Simplified Chinese, traditional Chinese, three different menu display language.

5th pressing setting

The functions of the button control are the same as remote control. as follows:

Menu/Key:Pop up the main menu, repeated press the Menu button repeatedly to make the cursor stay in different submenus

Select/ Modify the red submenu parameters

Save/exitSave the modified parameters and exit the menu

HDMI: Switch to HDMI source in

MHL: Switch to MHL source in

DP: switch to DP source in