

Thanks for purchasing our video wall controller. Please read the user manual completely before using and keep it perfectly for further reference.

I. View of Video Wall Controller Box

A. Front View:



B. Back View:



1. GND	Protective Ground (White Screw)
2. HDMI Input	x1
3. VGA Input	x1
4. VGA Audio Output	x1 (For VGA mode)
5. Earphone Output	x1
6. IR Light	IR remote control
7. Split Button	x1 (Entire one big picture spliced); UP selection
8. No Split Button	x1 (2 group pictures separately); DOWN selection
9. Menu Button	Press menu button to menu selection
10. HDMI Mode Button	Press HDMI button to enter HDMI mode; LEFT selection
11. VGA Mode Button	Press VGA button to enter VGA mode; RIGHT selection
12. LED Light 1	For HDMI 1 output and HDMI 2 output
13. LED Light 2	For HDMI 3 output and HDMI 4 output
14. DC 12V	x1 DC 12V Input
15. HDMI Output	x 4 (HDMI 1, HDMI 2, HDMI 3, HDMI 4)

Main features:


- ▼ 100% Plug and play type controller
- ▼ Split and splicing TV, monitors, video walls easily and conveniently
- ▼ No need computer and software control
- ▼ HDMI/VGA interface, HDMI input supports 4K signal
- ▼ Rotation ID (0: OFF; 1: ON, 180° Rotation for splicing monitor images)
- ▼ Display by 1x2, 1x4, 2x2 (option)
- ▼ **Larger video walls** (up to **10x10**) can be created using next multiple controllers match with HDMI splitter.

II. Remote Controller

Some of the keys just preset, without exact function definition so far, and the details as follows:




Main Buttons Functions:


 : ONE big picture spliced

 : Sources Selection

 : Menu Selection

 : Two group pictures display Separately

 : Upward Selection

 : Downward Selection

 : Exit

 : Exit

III. OSD Menu

Press “Menu” key on the remote controller, and the OSD menu display on the video wall, you can select or change the items include IR Id, Rotate, Split Id, Split row Cnt, and so on, the menu for 2x2 video wall for reference as follows:

```
FW: 001
IU V4

IR Id           0
Rotate          0
Split Id        1
SplitRow Cnt    2
SplitColumn Cnt 2
SplitRow Id     1
SplitColumn Id  1

Factory Reset

EXIT
```

Marks:

IR ID: 0, 1, 2 (e.g.: 0: Control four screens, 1: Control screen 1 and screen 2; 2: Control screen 3 and screen 4)

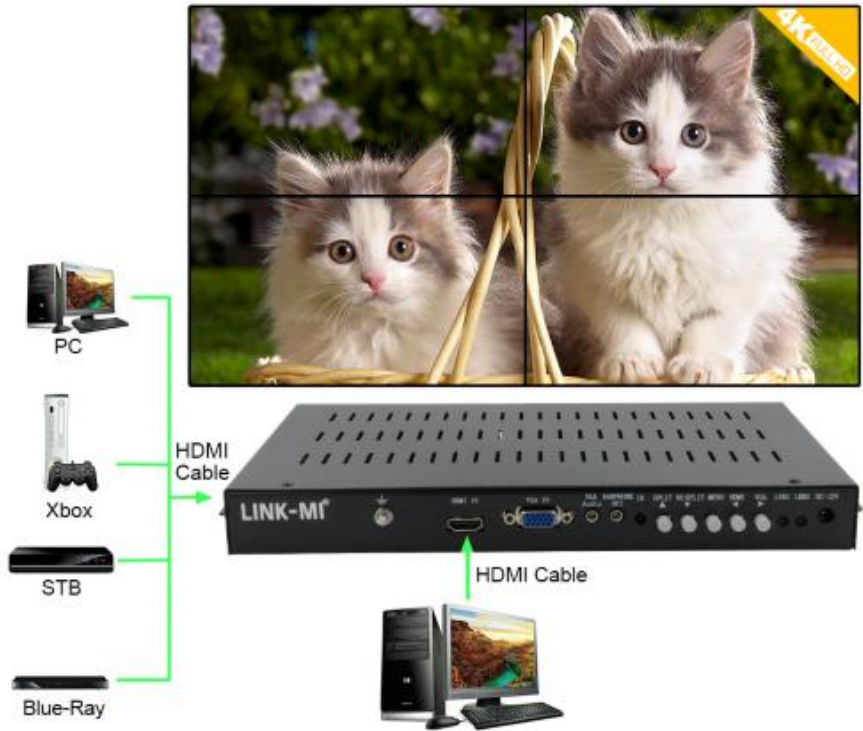
Rotate: 0, 1 (0: Rotate OFF, 1: Rotate ON)

IV. Video Wall Connection and Setup:

Connection:

Connect all sources equipments with the controller and 4pcs video wall monitors.

Setup: 2x2 Video Wall, there are 4 screens, the row numbers are 2 and the column numbers are 2.



Finally, you will get the big **2x2** video wall with resolution at **3840x2160@60HZ** by press the “**SPLIT**” button on the controller while on the HDMI mode.

1 Piece video wall controller support multiple 2 types display formats as follows:

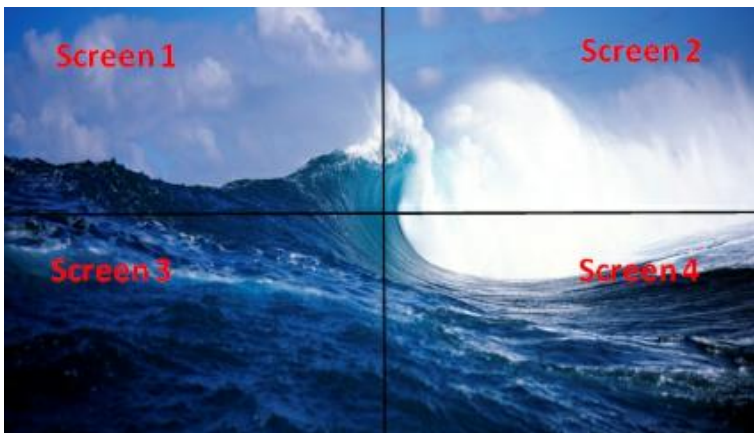
A. No Split mode:

Screen 1 and Screen 2 spliced

Screen 3 and Screen 4 spliced



B. Split mode: Entire one big picture spliced



V. Extendable to MxN Video wall function

2PCS video wall controllers and 1pc 1x2 HDMI Matrix can get the video wall pictures as follows:



3x2 Video Wall



4x2 Video Wall



2x3 Video Wall



2x4 Video Wall

3PCS video wall controllers and 1pc 1x3 HDMI splitter get video wall pictures as follows:

3 x3 Video Wall



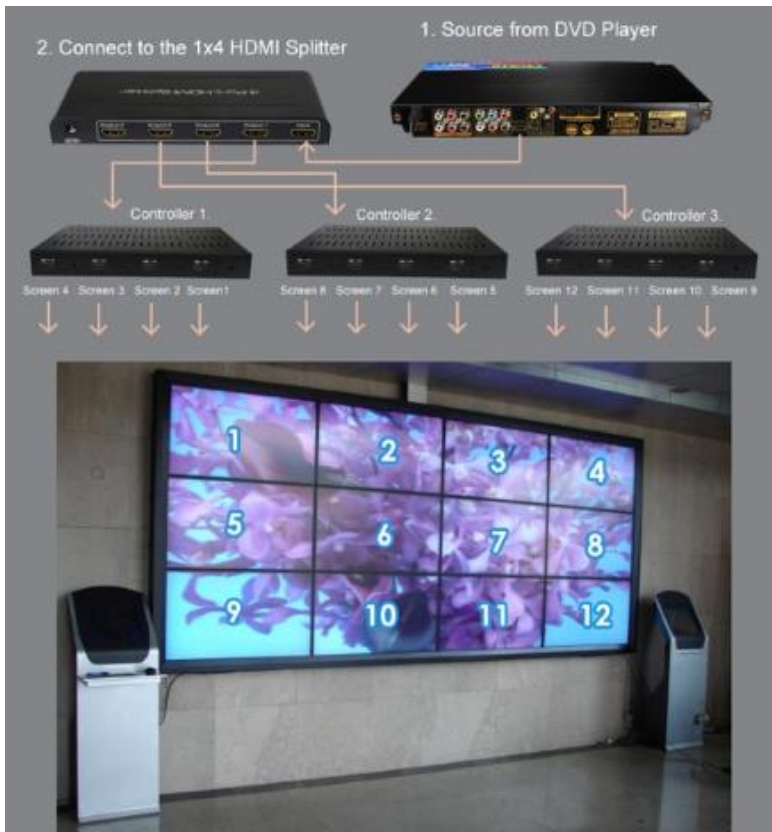
3x4 Video Wall





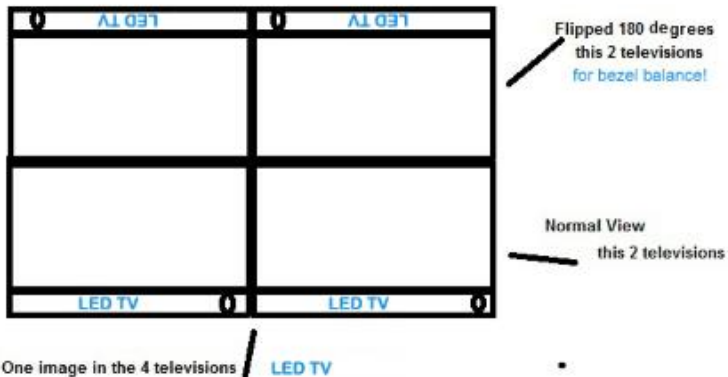
4x3 Video Wall

Parallel connection and menu setup: connect with the DVD player, the 1x4 HDMI Splitter and 3pcs controllers by parallel connection to get 3x4 Video Wall as follows:



● **180 Degree images rotations setup:**

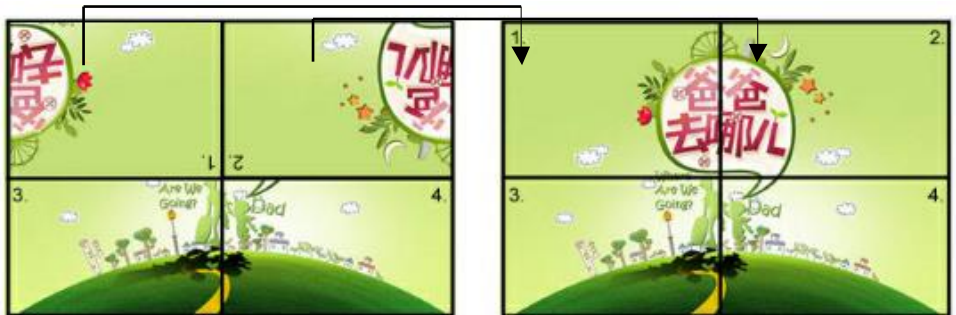
Sometimes, user prefer to flipped 180 degree of upper TVs (1. & 2.) Or monitors get the thinner bezel gap for better viewing images as the picture “C”, meanwhile, the image of the upper TVs (1. & 2.) would be the same as picture “E” with viewing problem, and it needs to rotate 180 degree to became the right viewing image.



C.

Please turn off the TVs (3. & 4.), press the “menu” on the remote controller, thence, change the Rotate ID to “1” for rotation “ON”.

Finally, it will get the right images of the TVs (1. & 2.) from picture “E” to picture “F”.



E.

F.

VI. Specifications

Feature	HDMI Input	x1 (3840x2160@60hz, 3840x2160@30hz and below)
	VGA Input	x1 (480p、576p、720p、1080i、1080p)
	VGA Input	x1 (1920x1080@60hz, DOS、VGA、SVGA、XGA、SXGA、WXGA、WXGA、 WSXGA+、WUXGA); Color: 24 Bit; Scanning Frequency: 30-80KHz (H); 56- 75Hz (V)
	VGA Audio Output	x1
	Earphone Output	x1
	HDMI Output	x4 (480p、576p、720p、1080i、1080p)
Selection Button	Split/No Split	Split function (Entire one big picture spliced) No Split function (2 group images display separate)
	Input Button	Sources selection (HDMI/VGA)
Power supply	Working Voltage	DC 12V
	Power Consumption	≤ 1W
	Comb Filter	3D
Others	Keys Function	Full-function remote control: MENU, SOURCE, VGA, HDMI and so on
	OSD Language	English, Chinese
	Applications	Wall Display/Shopping Center/Security/Airport/Control Room/Show Room/Entertainment Venue/Command Centers//Educational Presentations/Medical Campuses /Corporate Lobbies/Restaurants/Point-of Sale
Packing	Unit Dimension	273x162x40 mm (L x W x H)
	Gift Box Size	470x194x102mm (L x W x H)

*Specifications are subject to change without notice.