Video Wall controller

User Manual

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Installation instructions

For your and equipment safety, please make sure to read the safety instructions carefully before using the equipment.

If you have any queries during use, please read this manual first. There is a detailed description of the device operation in the text. If you still have any questions, please contact us and we will give you a satisfactory reply as soon as possible.

Please pay attention to the following when installing the equipment:

1, power:

This equipment uses 12V/3A external power supply. The power supply supports 100-240V AC voltage input. In order to make the equipment work normally, please do not easily replace the brand and specification power supply outside the company.

2,power failure:

When you need to move the equipment or other work that needs to be ut off, you should turn off all the power supply, including the power switch, unplug the power plug, etc., to ensure the safety of you and the equipment.

3.cable:

Do not put anythings on the power line, signal line, communication cable and so on. The cable should be prevented from being trampled or squeezed so as to avoid the danger of leakage or short circuit.

4 .signal line connection:

When the signal line is inserted from the device, the equipment needs to be cut off so as not to damage the equipment. The damage caused by live plug is not covered by warranty.

5. heat sink:

The outside surfaces of the equipment may have openings for heat dissipation. Do not plug these openings in order to avoid heat accumulation, damage to the equipment, or fire.

6.equipment placement:

Equipment should be properly installed, such as standard rack, chassis, cabinet, or placed on a stable and flat work surface to prevent equipment from falling.

7.the environment:

Equipment work environment should pay attention to dust, moisture-proof, especially to prevent liquid immersion and splash into the equipment inside.

8, maintenance:

All maintenance work should be done by professional maintenance personnel. Without training, do not try to repair equipment by oneself. Don't open the machine frame to prevent electrical shock.

Product description

1. Overview:

4K two-screen splicer is a high-performance UHD ultra-high definition 4K two-screen splicer. Its main function is to display a 3840x1080@60HZ ultra-high definition image on a 1x2 splicing display unit. The product adopts advanced image processing technology, and the input signal can support HDMI2.0, which is 3840x2160@60HZ. Even when playing fast animation, there will be no delay or frame loss.

Support 1 channel HDMI2.0, 1 channel MHL, 1 channel DP1.2 input, maximum resolution support 3840*2160@60HZ; 4 channels HDMI signal output, output resolution fixed to 1920*1080@60HZ.

2.Machine picture

Machine installation

1, open the package

Check the host and accessories. Including the host, power cord, remote control, warranty card, manual.

2, install the machine

2.1, TV settings:

Set the LCD TV or other display device input signal to the HDMI state. If the display unit has multiple HDMI input ports, make sure that the HDMI cable connected to the splicer corresponds to the port;

2.2. The splicer is connected to the display unit:

After the screen splicer is placed, it is connected to the display unit through the HDMI cable. Please note that the display unit must be connected to the corresponding port of the splicing processor.

Two display units are connected to the four output ports of the two OUTPUTs of the splicer through the HDMI cable, as shown in the following figure:

Left display unit HDMI (right HDMI connector, as shown below)

Right display unit HDMI (left HDMI port, as shown below)
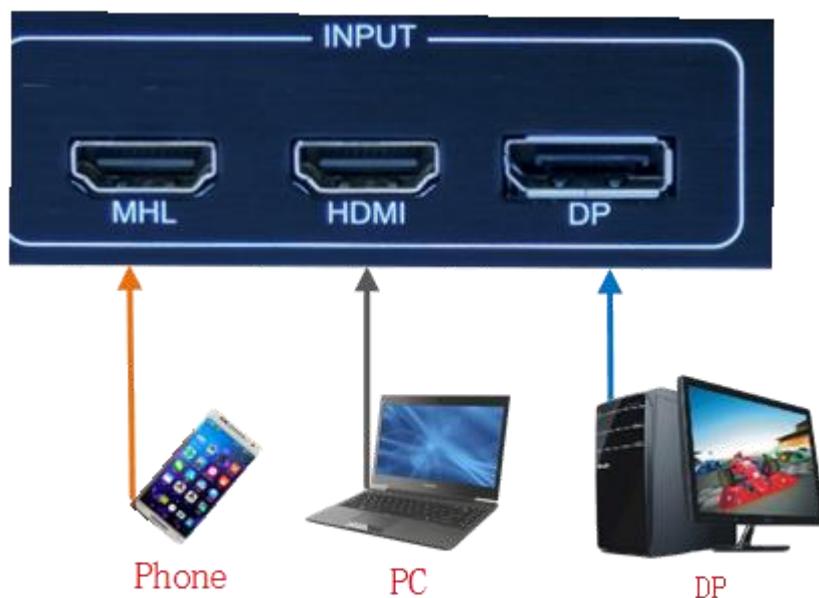

2.3, input signal connection

The product supports 1 channel HDMI, 1 channel MHL, 1 channel DP input. All inputs are embedded or bound to audio input. Users can access all signals or access

some signals according to requirements. The interface functions and interface **pictures are as follows:**

MHL: Support HDMI1.4 signal input, support up to 3840x2160@30HZ HDMI signal, input resolution can be backward compatible; through an MHL to HDMI cable can also be compatible with image output devices with MHL output, such as mobile phones with MHL function or Tablet, etc.

HDMI: can support HDMI2.0 signal input, input maximum resolution can support 3840x2160@60HZ;

DP: Supports maximum resolution and can support 3840x2160@60HZ;

2.4, audio connection

A-OUT is the audio output of the splicer, and you can purchase ordinary computer audio and A-OUT connection;

2.5, power on

After the above cables are connected, input 12V DC power to the device through the power adapter, the power indicator light is red, and the device is in normal working state;
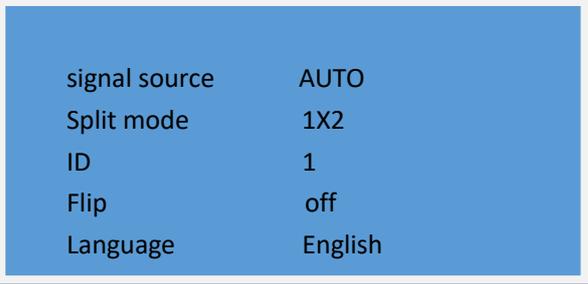
Remote setting

After the splicer is connected with the display unit, the red power indicator is on after the power is turned on, and the device can work normally. The device can be easily set or configured through the remote controller or the chassis button.

1, the remote control settings:

1.1, call the menu

Press the remote control MENU button to pop up the following main menu;

signal source	AUTO
Split mode	1X2
ID	1
Flip	off
Language	English

1.2, select 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.

1.3, change the product settings

After the submenu turns to green, change the product parameters or properties via the remote control ◀ or ▶ key, press the Back button to save the settings and exit the menu.

2. the signal source selection

The 4K two-screen splicer source menu options are: Auto , D0: DP, D1: HDMI, D2: MHL.

2.1, AUTO:

The sub-menu "Source" is set to "Auto " 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.

Manual selection:

It can be used for single signal source or multiple signal sources to be connected to the device at the same time. Manually switch the large-screen display image on the corresponding port signal source through the remote control.

3, the split mode

The sub-menu can be selected as the 1x2 stitching mode.

4, the board ID flip function

If the display unit is flipped after rotating 180 degrees, you need to set the image to rotate 180 degrees in the menu "Flip" after selecting the "board ID" number. After the two-screen splicer rotates ID 1 in the 1x2 stitching mode, you need Reverse the two HDMI output connectors.

5, language

Through the remote control menu, you can choose from three different menu display languages: English, Simplified Chinese, and Traditional Chinese.

Setting by Button

The functions realized by the chassis button control are the same as those of the remote control. This section only explains the functions of each button, as follows:

Menu: Pop up the following main menu, press the Menu button repeatedly to make the cursor stay in different submenu;

Select/: modify the red submenu parameters;

Save/exit: save the modified parameters and exit the menu;

HDMI: switched to the input source of the device's HDMI port;

MHL: switched to the input source of the device's MHL port;

DP: switched to the input signal source of the device DP port;