

**For Business Use**



## **User's Manual for LCD Splicing Unit**

---

Note: please read this Manual carefully before using the product!  
Do not attempt to disassemble the product. If the product does  
not work, please contact us or our dealer in your area.

# **Dear Users**

Congratulations on your purchase of our product. If you have any questions, please feel free to contact us.

This manual applies to our splicing unit.

This manual may contain technical inaccuracies, or consistencies with product functions and operations, or print errors. We will update the content hereof as the product functions are enhanced, and will improve or update the product or procedure described herein on a regular basis. The updated content will be incorporated into the new version without further notice.

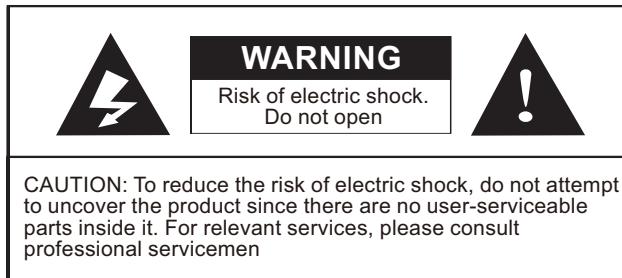
# Contents

|                                       |    |                            |    |
|---------------------------------------|----|----------------------------|----|
| Instructions for Use.....             | 1  | Splicing Operations.....   | 19 |
| Safety Precautions.....               | 1  | Additional Functions.....  | 19 |
| Warnings.....                         | 1  | About.....                 | 19 |
| About This Manual.....                | 1  | Help.....                  | 19 |
| Safety Rules.....                     | 2  | Troubleshooting.....       | 21 |
| Notes .....                           | 2  | China ROHS Compliance..... | 23 |
| Cleaning and Maintenance .....        | 3  |                            |    |
| Product Features.....                 | 3  |                            |    |
| Installation.....                     | 4  |                            |    |
| Installation Precautions.....         | 4  |                            |    |
| Packing List.....                     | 5  |                            |    |
| Installation of Hang Component .....  | 5  |                            |    |
| Installation Direction.....           | 6  |                            |    |
| Connection.....                       | 6  |                            |    |
| Port Functions.....                   | 6  |                            |    |
| Description.....                      | 7  |                            |    |
| System Connection Diagram .....       | 8  |                            |    |
| Remote Control.....                   | 10 |                            |    |
| Keys on Remote Control...10           |    |                            |    |
| Menu Operations.....                  | 12 |                            |    |
| How to Use OSD System...12            |    |                            |    |
| Concealed Seam Display Function ..... | 14 |                            |    |
| Splicing Control Software...15        |    |                            |    |
| Preparation for Use.....15            |    |                            |    |
| Software Installation and             |    |                            |    |
| Registration.....15                   |    |                            |    |
| Communication Settings...16           |    |                            |    |
| Function Settings.....17              |    |                            |    |

# Instructions for Use

## ▲ Safety Precautions

- There will be a short discharge time after power supply is cut off; do not operate the product until 2min after power-off.
- Live work is forbidden to avoid the risk of electric shock.
- Do not use any power cord not supplied with the product; to replace the power cord, please purchase one having the same specification through regular channels.



## ▲ Warning

This product may produce electric signal interference in indoor environments. Therefore, it may be necessary for users to take proper measures.

## ▲ Warning

- Information contained in this manual is subject to change without prior notice.
- If you have any suggestion or question against this manual, please contact your local dealer or our customer service center.
- Before operating the LCD unit, please first get a full understanding of relevant prerequisites, such as software and hardware specifications or limitations. We will assume no liability for any losses, damage or injury arising from improper use of the product.
- Without prior written permission, it is forbidden to copy, revise or spread this manual, in whole or in part.
- Other product names and identifications used in this manual all belong to trademarks or registered trademarks of their respective owners.

# Safety Rules

This LCD unit has been designed according to safety standards. However, improper use may result in electric shock and fire, causing personal injury and property damage. In order to prevent potential risks, ensure your safety and prolong the service life of the product, please carefully read and observe the following instructions when installing, using and cleaning the product.

## ▲ Notes

Please carefully read all warnings on the product and in the Instruction Manual.

- Please keep the Product Instruction Manual properly for future reference.
- Please check the completeness of accessories; if any part is missing, please contact your dealer promptly.
- This LCD screen contains fragile material which will get damaged in case of drop or impact. Please hold the handle firmly, and handle the product with care. Never apply much force to compress the LCD screen.
- Prior to installation, wipe clean the back and front surfaces of the screen in order not to affect its using effect.
- Please use the LCD unit only in an environment where the temperature is between 0~40°C.
- Do not use the LCD unit in an environment that is dusty, damp or too hot; otherwise fire or damage to its components may be caused.
- Air vents and other openings in the cabinet are designed for the purpose of ventilation. Do not cover or block any air vent or opening since poor ventilation will result in over-heating inside the product, further shortening its service life.
- Do not touch the signal connector with any sharp object or metal or insert any sharp object or metal into the heat radiation hole; otherwise short circuit and product damage, even the risk of electric shock, can be caused. Special care should be taken when a child is present.
- Never use a hard object to scratch or knock the LCD unit.
- The input voltage of this product is AC 100V-240V/AC 50/60Hz.
- Do not use any over-load AC power outlet to avoid fire and electric shock.
- Please arrange the power cord in a way that treading by people can be avoided.

# Safety Rules

- Do not switch on/off the product frequently during work.
- If the product remains unused for a long time, please power it off and unplug it from the power outlet.
- Do not hot plug this LCD unit.
- Do not disconnect or connect the power plug with a wet hand; otherwise electric shock will be caused.
- To replace a component of the product, please ensure that the replacement component used by the maintenance personnel conforms to the safety rules; use of any unauthorized component may result in fire, electric shock or other damage.

Do not display a still image on the screen for too long because this will leave a "ghost image" on the screen, affecting normal use of the LCD unit.

## Cleaning and Maintenance

Before cleaning the LCD unit, please disconnect the power cord. Do not attempt to maintain the product by yourself because you will be exposed to high voltage or other dangerous parts after opening the cover. Please call for professional service personnel to maintain the product.

### Cleaning Instructions

- Do not use volatile substances (e.g., spray, solvent and diluent) on the shell of the product; never use alcohol, solvent or any ammoniac liquid to wipe the screen.
- The screen has undergone special treatment. Please only use a clean cloth or a soft, lint-free cloth to wipe its surface gently.

# Product Features

- Use LG/Samsung DID ultra thin bezel video wall panel,with ultra slim dual bezel,to reach almost seamless overall display effect in multiple splicing.
- Support the splicing display mode in M line and N row( $1 \leq M \leq 10, 1 \leq N \leq 10$ ), the biggest support 10X10.
- RS232 serial remote control:Each video panel support 1 x RS232 IN, 1 x RS232 OUT.

# Product Features

- In splicing mode, it supports concealed seam adjustment, providing a better display effect.
- With color auto adjustment technology, to ensure the color uniformity in multiple splicing, the built in control unit can do the fine adjustment as well.
- The embedded screen shear and compensation function can work with the splicing software to build the multiple screen video wall project.

# Installation

## Installation Precautions

- The LCD unit must be installed or moved by two or more persons.
- When moving the LCD unit, please hold the handle firmly and use the other hand to hold the bottom of the LCD unit. Do not apply too much force to compress the LCD screen.
- Please install the LCD unit in an area where collision will not happen easily.
- Please ensure that the base or wall bracket used conforms to requirements.
- The splicing wall bracket should have the capacity to sustain a weight that is four or more times of the weight of LCD unit. Please install the product in a way that is most appropriate for the material and structure.
- Please ensure that the splicing wall bracket is designed with reliable grounding.

# Installation

## Packing List

The following items are contained in the outer box:



LCD splicing unit x 1



Instruction Manual x 1



Warranty Card x 1



Certificate of Conformity x 1



Debugging kit (optional)



Ethernet cable x 1



Power cord x 1



Angle iron for splicing x 1

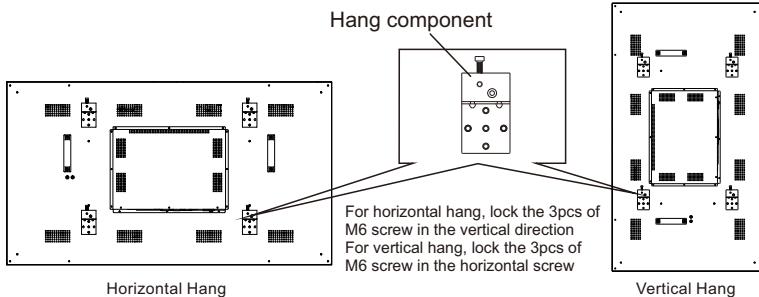


Hang component (optional)

Remark: The debugging kit varies with the project solution.

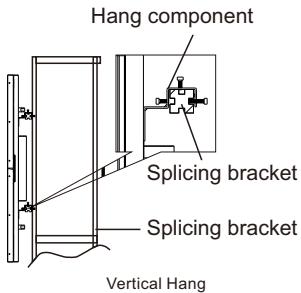
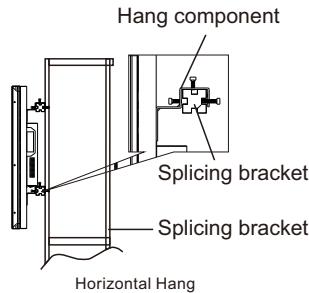
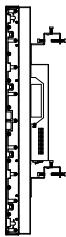
## Installation of Hang Component

- 1.In order to protect the LCD screen, first clean the work platform and lay a piece of soft cloth on it; then place the LCD screen on the cloth with its front facing downward.
- 2.Fix the screws in the hang component, as shown in the figure below.



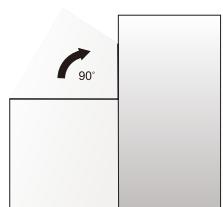
- 3.After locking the screws, the product can be hung to the wall or splicing bracket.

# Installation



## Installation Direction

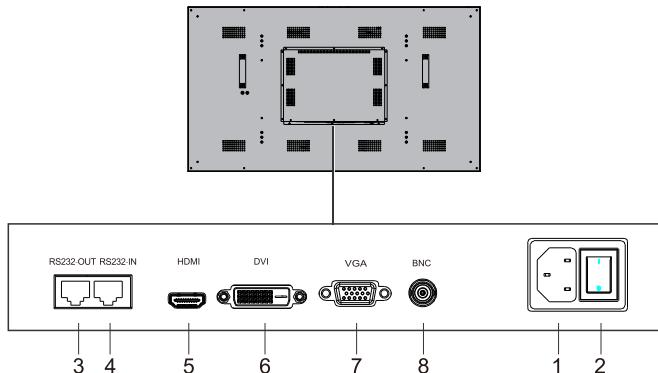
For vertical hang of the splicing unit, rotate clockwise to move up the left side so as to ensure normal ventilation and prolong the service life of the splicing unit.



Installation Direction Diagram

# Connection

## Port Functions



# Connection

| Video Signal Port | Description    | Video Signal Port | Description  |
|-------------------|----------------|-------------------|--------------|
| 1                 | POWER-IN port  | 5                 | HD HDMI port |
| 2                 | Power switch   | 6                 | DVI port     |
| 3                 | RS232-OUT port | 7                 | VGA port     |
| 4                 | RS232-IN port  | 8                 | BNC port     |

## Description

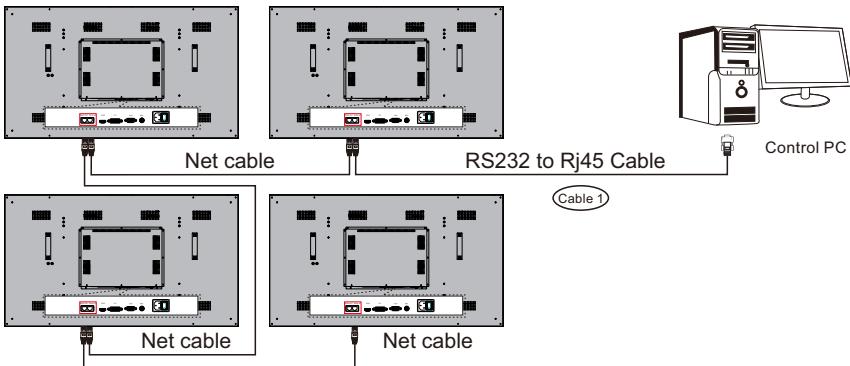
- RS232-IN signals can loop out via RS232-OUT.
- HDMI/DV/VGA input port which supports a resolution up to 1920\*1080 @60Hz.
- DVI port only supports cables for ports of DVI-D type.
- In order to ensure a good display effect, it is suggested to use our cables of standard configuration; if such cables are not available, please use cables of famous brand on the market.

# Connection

## System Connection Diagram

Note: The following diagram explains system connection taking 2x2 splicing as an example:

### ■ Slicing control signal connection



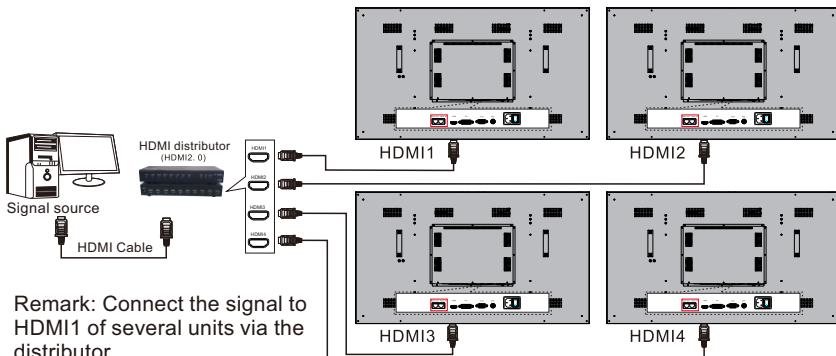
- Notes:
- ① If the control PC without RS232 output,a USB-RS232 cable and a RS232-RJ45 cable can be used to connect the USB port on the control PC to the RJ45 port on the first splicing unit.
  - ② If the PC has no serial port output, a USB-to-serial port cable (cable 1) can be used to connect the USB port on the PC to the serial port on the first splicing unit.
  - ③ "RS232"ports are one IN and OUT,the above connection diagram will not be the only one type,just for reference only.
  - ④ All the splicing unit need to be connected,the signal cables will be the shorter the better in the connection.

# Connection

## ■ Four recommended solutions for splicing signal connection:

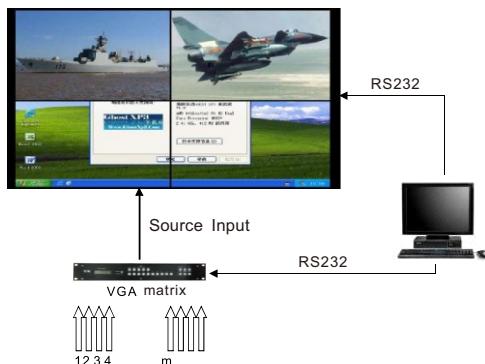
### Solution 1: HDMI1 + HDMI distributor

(Support a resolution up to 3840\*2160@60Hz)



### Solution 2: VGA + VGA matrix

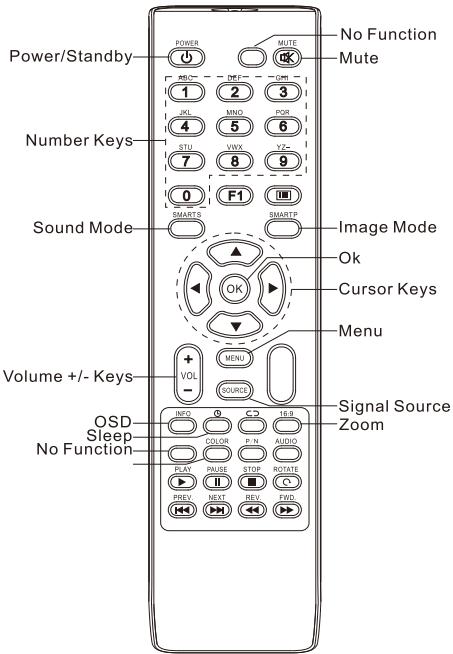
(Support a resolution up to 1920\*1080@60Hz)



Notes: ① Each VGA output on matrix shall connect to VGA input on splicing unit.

# Remote Control

## Keys on Remote Control



Description of remote control buttons

| Key            | Description   |
|----------------|---|
| Standby key    | Switch between working mode and standby mode  |
| Mute key       | Turn off the sound  |
| Number keys    | Input numbers   |
| Sound mode key | Switch to sound mode  |
| Image mode key | Switch to image mode  |
| Cursor keys    | Up/down keys: select an item to be adjusted<br>Left/right keys: adjust the value of the selected item |

# Remote Control

|                       |  |
|-----------------------|--|
| Volume +/- keys       | Increase/reduce the volume               |
| Menu key              | Display the main menu                    |
| Signal source key     | Display the signal source selection menu |
| OSD key               | Display the screen information           |
| Sleep key             | Set a time for auto power-off            |
| Zoom key              | Switch the display mode                  |
| Color temperature key | Switch the color temperature             |
| Ok key (OK)           | Confirm the current operation            |
| Play key(▶)           | Operations in USB mode                   |
| Pause key(II)         |  |
| Stop key(■)           |  |
| Rotate key(□)         |  |
| Previous key(◀)       |  |
| Next key(▶)           |  |

# Menu Operations

## How to Use OSD System

You can set and operate the features and functions of the product via OSD (on-screen display) system.

### Source Selection

Press “**SOURCE**” on the remote control, and the screen will show the “**Input Source**” menu; you can press “**▲,▼**” on the remote control to select a source, such as HDMI1, HDMI2, DVI or DP. Press “**OK**” on the remote control, and the unit will switch to the input source you have selected.

Press “**MENU**” on the remote control or panel, and the main menu will appear:

- 1.Press“**◀/▶**” on the remote control to select an adjustment category menu. Adjustment category menus include: **Picture**, **Sound**, **Settings**, and **PC**.
- 2.Press“**▲/▼**”on the remote control to select the item to be adjusted in the category menu.
- 3.Press “**OK**” on the remote control to enter the item to be adjusted.
- 4.Press“**◀/▶**”on the remote control to change the analog value or setting of the adjustment item selected.
- 5.When the screen displays the main menu, press “**MENU**” to exit the main menu;When the screen show the category menu,press “**Menu**” button can back to up one level menu;press “**Source**” button will show “**Input signal**”,press again on “**Source**”button,will exit the source selection menu.
- 6.During menu operation, the color of an option icon that cannot be operated in the current state will change to grey.

| Input Source |
|--------------|
| BNC          |
| PC           |
| HDMI         |
| DVI          |

# Menu Operations



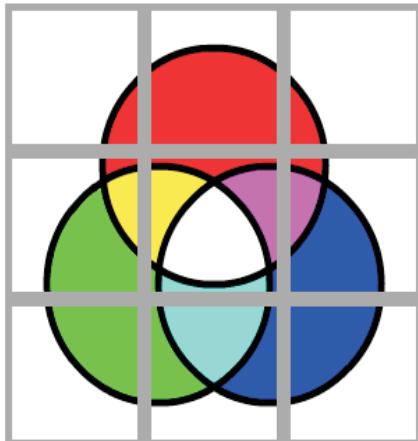
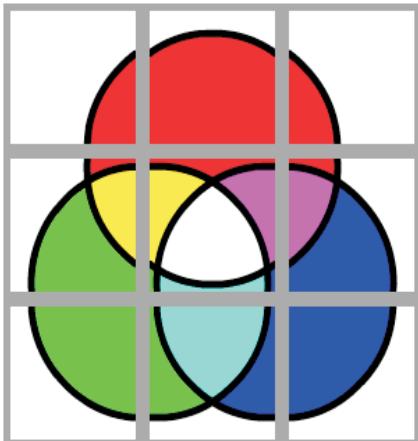
|         |                   |  |
|---------|-------------------|--|
| Picture | Picture Mode      | Select the picture mode (Different options are provided under different sources) |
|         | Contrast          | Adjust the overall image hierarchy   |
|         | Brightness        | Adjust the overall image luminance   |
|         | Saturation        | Adjust the overall image color depth   |
|         | Hue               | Adjust the color tone  |
|         | Resolution        | Adjust the image definition  |
|         | Aspect Ratio      | Adjust the image display scale   |
|         | Color temperature | Adjust the overall color temperature of pictures                                 |
| Sound   | Noise reduction   | Set the denoising level  |
|         | Sound Mode        | Select the sound effect mode   |
|         | High Pitch        | Adjust the high pitch range  |
|         | Low Pitch         | Adjust the low pitch range   |
|         | Blance            | Adjust the balance between left and right channels                               |

# Menu Operations

|         |                     |   |
|---------|---------------------|---|
| Setting | OSD Language        | Switch the menu language  |
|         | OSD display time    | Set the menu display time   |
|         | OSD transparency    | Set the menu transparency   |
|         | Blue screen         | Turn on/off the blue screen function (in case of no signal, screen background is blue when this function is turned on and black when this function is turned off) |
|         | Sleep time          | Set a certain time go to standby  |
| PC      | Reset               | Auto adjust the screen ratio, auto adjust to the best display effect after press the right arrow button on remote control   |
|         | Auto-adjust         | Auto adjust the screen ratio, auto adjust to the best display effect after press the right arrow button on remote control   |
|         | Horizontal position | Adjust the horizontal position  |
|         | Vertical Position   | Adjust the vertical position  |
|         | Frequency           | Adjust the frequency  |
|         | Phase               | Adjust the phase position   |

Remark: Functions of menu options may vary with the model and source.

## Concealed Seam Display Function



# Concealed Seam Display Function

The left picture is displayed when the concealed seam display function is turned off, while the right picture is displayed when the concealed seam display function is turned on.

The physical information of seams is automatically set in the software. Since each splicing unit has a frame, the display area is not 100% after splicing. In order to eliminate the feeling of discontinuity of spliced pictures, the frame of each splicing unit should also be taken as the effective display area. Therefore, part of image content is omitted in order not to undermine the continuity of pictures.

# Splicing Control Software

## Description

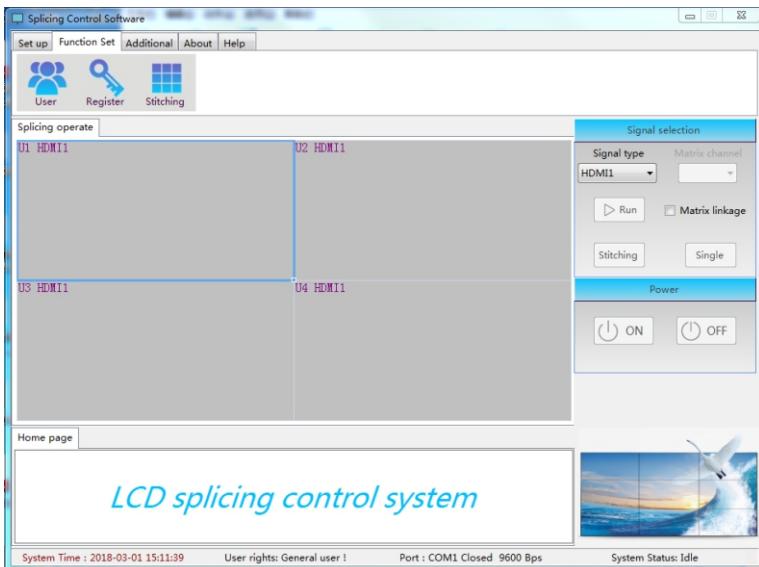
1. Splicing software will supply by distributor, please contact distributor to get this software.
2. The splicing software with the function of adjust and control splicing unit, save and call the common splicing type etc.
3. The splicing software supported operation system: Windows XP/7/8/10.
4. For more detailed user guide, please check the "help" button on splicing software .

## Software Installation and Registration

1. Software installation: Find "setup.exe" from the files provided by your dealer; double click the installer, and launch the software installation wizard; click "**Next**" to continue installation; finish the installation process according to the software installation wizard. (Note: For the detailed software installation process and frequently asked questions about software installation, see the instructions provided in the appendix to the Instruction Manual)
2. After the software is installed, a desktop shortcut will be created automatically. Click the "**Splicing Control Software**" shortcut icon to run the client software; at this moment, the control software interface will appear.

# Splicing Control Software

Software interface: (Interface functions may be different from the actual functions due to software upgrade)



## Communication Settings

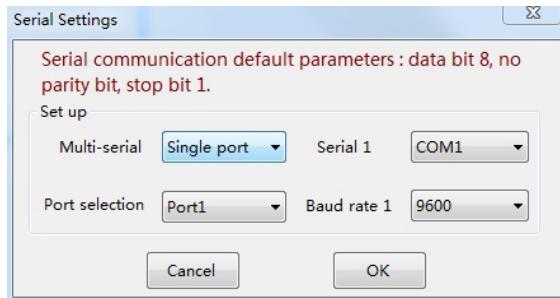
### 1. Serial Port Settings

Each splicing unit can be controlled only after serial port parameters are set correctly and serial port is opened successfully. When setting the serial port, the software should be in the “Close Connection” status. Access **Communication Settings > Serial Port Settings**; select “Single Serial Port” from the “Multi Serial Port” select box; select “Serial Port 1” from the “Serial Port Select” box; select the corresponding serial port No. on the PC from the “Serial Port 1” select box; set Baud Rate 1 to 9600. After setting, click “OK” to finish serial port setting.

# Splicing Control Software

## 2.Timer Settings

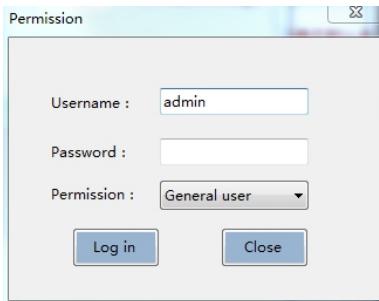
Timed startup/shutdown and startup/shutdown delay time can be set under Timer Settings. Access **Communication Settings>Timer Settings**, select the startup/shutdown delay time in the delayed startup/shutdown bar. In timed startup/shutdown, the startup/shutdown time is managed according to system time; after selection, check “**Enable**”, and click “**Apply**”. When it is not required, uncheck “**Enable**”, and click “**Apply**”.



## Function Settings

### 1.Administrator

In **Function Settings–Administrator**, you can log into the Administrator account and enable more functions. The default is ordinary user, and more functions are available if you log in as the Administrator. The initial password for Administrator is 333, which can be changed after the system login as the Administrator.



# Splicing Control Software

## 2. Software Registration

Software registration is not directly accessible to end users. If necessary, please contact your supplier for the registration method.

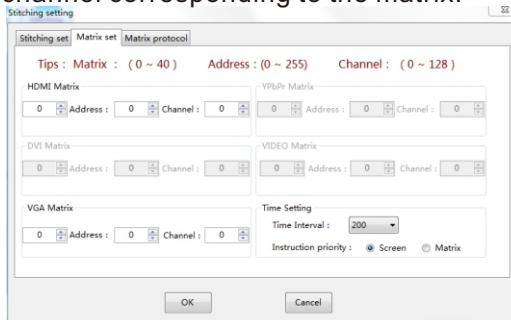
## 3. Splicing Settings

### (1) Splicing Settings

Access **Function Settings > Splicing Settings > Splicing Settings**; set the Splicing Row and Splicing Column according to the splicing mode actually used. For example, if the number of splicing unit is 3 in the horizontal direction and that is 4 in the vertical direction, set the Splicing Row to 3 and the Splicing Column to 4. In Splicing Settings, you can select the user identification picture; after setting, click “**Apply**”, and then click “**OK**” to finish splicing setting.

### (2) Matrix Settings

For matrix-based connection, access **Function Settings > Splicing Settings > Matrix Settings** to set the matrix. Set Matrix Select, Address and Channel Number according to the actual condition. In [Matrix Select], the numbers of matrix control protocols from different manufacturers are available for selection; when our splicing software is used for joint control of matrix, please inform us of the matrix manufacturer and the matrix type in advance. For some matrices that have not been incorporated into the software, the RS232 Serial Communication Protocol provided by the matrix manufacturer is required to write them into the control software for joint control. [Address] is the device address of additional matrix; as to how to set the value, refer to the Instruction Manual or consult the matrix manufacturer. [Channel Number] is the number of input signal channel corresponding to the matrix.



# Splicing Operations

## Additional Functions

Remote control: A virtual remote control is provided; its operations and functions are identical to those of the remote control.

## About

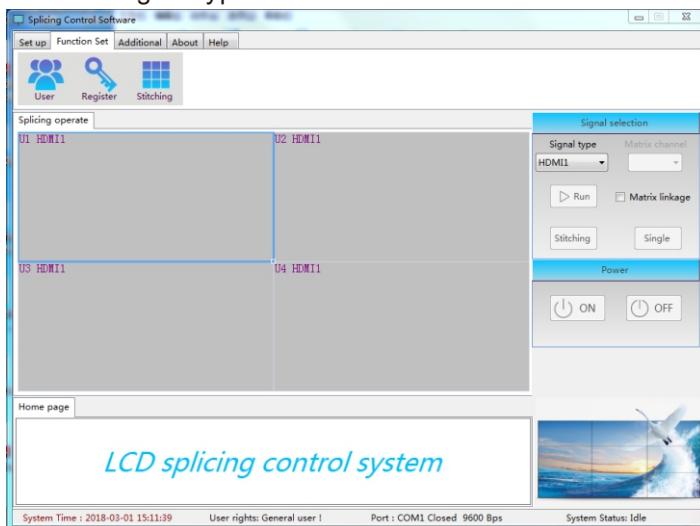
View system information and software version information.

## Help

View the User Manual and switch the display language between Chinese and English. After successful serial port setting and splicing/matrix setting, click “**Open Connection**” to finish splicing connection; at this moment, splicing operation can be performed.

1. Select splicing area and signal source:

As shown in the figure below, the system layout is 3 x 3 (row x column); it is needed to splice the zones with coordinates (1, 1) – (3, 3) into a 3 x 3 big screen. The signal type is HDMI1.



# Splicing Operations

Operate according to the following procedure:

First move the mouse to the zone with coordinates (1, 1); press and hold the left button, and move the mouse to the zone with coordinates (3, 3); then release the left button, and the blue area is the splicing area selected. Click the right mouse button, and select “Combine” in the menu bar displayed to combine the zones into a 3 x 3 big screen. Click the right mouse button again in this area, and select HDMI1 in “Local Channels” to finish operation.

2.In the area having been combined into a big screen, right click the mouse, and select “**Decompose**” to decompose the combined big screen into single screens.

3.If the layout combines single screen and multi-screen, in the menu bar after right clicking the button, you can select the input source and turn on/off backlight.

4.Besides, for the selected area in the layout combining single screen and multi-screen, you can set Signal Type, Splicing Display/Single Display Mode, Power On/Power Off in the right-side status bar. (During signal selection, you must click “Execute” in order to switch to the selected source;if the input mode is matrix input, check “Matrix Linkage” and set the matrix input channel; also, you can select the input channel of Matrix HDMI/Matrix DVI in the menu bar after right clicking the button; right click the input channel of matrix, and you can add the description of channel.)

5.Screen Parameter Adjustment: In the selected area, right click the mouse, and select “**Screen Parameter Adjustment**” to adjust Brightness, Contrast, Saturation, Backlight, Sharpness, White Balance, Dark Balance and other parameters. Click “<-” to decrease the currently selected parameter; click “<+” to increase the currently selected parameter. To restore screen parameters to factory default, you can click “**Color Reset**”, select and reset a single unit or all splicing units.

6.Edge Blending: This option only supports operation of single splicing unit after splicing. Prior to operation, please select a single unit;then click “<-” or“<+” to move the display interface horizontally or vertically. After adjusting it to the desired value, click “Apply” to finish edge blending setting.

# Troubleshooting

| Symptom   | Possible Cause  | Solution   |
|---|---|--|
| There are bright lines on the surface of display screen; signal interference exists | A. The signal cable is loosened;<br>B. The cable has some problem;<br>C. The signal is too weak;  | A. Re-plug the signal cable;<br>B. Replace it with a new cable;<br>C. Add a signal amplifier;  |
| The display screen does not turn on upon startup                                    | A. The problem may exist in power supply;<br>B. The screen power switch is not turned on;   | A. Please check the power supply line;<br>B. The screen power switch is positioned beside the signal port at the rear shell; please ensure that it is in the “—” (ON) state; |
| The screen displays no signal   | A. The signal channel is incorrect;<br>B. The signal source has some problem;<br>C. The signal cable is damaged;  | A. Switch to the corresponding signal source;<br>B. Check the operating state of signal transmission device;<br>C. Repair or replace the signal cable;                       |
| Water ripple exists on the picture  | A. The power supply is unbalanced, and potential difference exists;<br>B. The grounded shield of signal cable is in poor condition or damaged.              | A. Add voltage regulation equipment;<br>B. Repair the cable or replace it with a new cable;  |
| The picture displayed is too white  | A. The backlight brightness or the contrast is too high;  | A. Lower the backlight brightness or contrast;   |
| The picture displayed is darkened   | A. The backlight brightness or the contrast is too low;   | A. Raise the backlight brightness or contrast;   |
| The remote control has no response  | A. The angle of remote control is incorrect or the distance exceeds 5m;<br>B. The battery in the remote control is in poor contact or has no energy output; | A. Adjust the transmission direction of remote control, and reduce the remote control distance;<br>B. Check or replace the battery;  |
| Image chaos occurs after signal switching in the software                           | A. The screen control cable is loosened or damaged;<br>B. The screen address code is wrong;   | A. Check the control cable at the position where image chaos occurs or replace it with a new cable;<br>B. Check whether the screen address code is correct;                  |

# Troubleshooting

| Symptom                                    | Possible Cause  | Solution  |
|--|---|---|
| The screen flashes when there is no signal | A. Grounding is not properly carried out;<br>B. The ambient static electricity is too strong; | A. Repair or replace the cable;<br>B. Check the device grounding; |

## XI. On/Off RS232 Communication Command and Relevant Configurations

For convenience of some clients in secondary development of centralized control, on/off RS232 communication command and relevant configurations are described as follows:

- RS232 communication settings:

Baud rate: 9600bps

Parity check bit: none

Data bit: 8bits

Stop bit: 1bits

- On/off RS232 communication command:

On RS232 command: 0 × 69 0 × D0 0 × C6

Off RS232 command: 0 × E5 0 × FD 0 × 20 0 × 71 0 × 8C

The above commands are hexadecimal. For further information, please contact our technicians.

## China ROHS Compliance

Names and contents of toxic and hazardous substances or elements contained in the product

| Component            | Toxic and Hazardous Substances or Elements |      |      |                     |       |        |
|----------------------|--|------|------|---------------------|-------|--------|
|                      | (Pb)                                       | (Hg) | (Cd) | (Cr <sup>6+</sup> ) | (PBB) | (PBDE) |
| LCD screen           | x  | ○    | ○    | ○                   | ○     | ○      |
| Housing              | ○  | ○    | ○    | ○                   | ○     | ○      |
| PCB assembly*        | x  | ○    | ○    | ○                   | ○     | ○      |
| Power cord and cable | x  | ○    | ○    | ○                   | ○     | ○      |
| Metal parts          | ○  | ○    | ○    | ○                   | ○     | ○      |
| Packing materials*   | ○  | ○    | ○    | ○                   | ○     | ○      |
| Remote control       | x  | ○    | ○    | ○                   | ○     | ○      |
| Loudspeaker          | x  | ○    | ○    | ○                   | ○     | ○      |
| Accessories*         | ○  | ○    | ○    | ○                   | ○     | ○      |

\*: PCB assembly includes the PCB and the electronic components constituting the PCB;

Packing materials include the carton and expandable polystyrene, etc.;

Other accessories include User's Manual and etc.;

○ : The toxic and hazardous substance contained in all homogeneous materials of that component does not exceed the required limit prescribed in the GB/T26572-2011 standards.

× : The toxic and hazardous substance contained in one or more homogeneous materials of that component exceeds the required limit prescribed in the GB/T26572-2011 standards.

Provided by our material suppliers and verified by us, the data in the table above indicates that the product contains hazardous substances. Due to the limitation of the existing technology, the hazardous substances in some materials cannot be replaced, although we have been striving to improve this situation.

The product has an Environmental Friendly Use Period

(EFUP) of 10 years. The pollution control symbol is shown on the right.



The EFUP is valid only when the user operates in normal conditions as specified in the User's Manual.

## **Indicative Description of Regulations on Recycling and Disposal of Waste Electrical and Electronic Products**

When you no longer need this product or its service life expires, please send it to a qualified recycling station in your area for recycling according to the Regulations on Recycling and Disposal of Waste Electrical and Electronic Products, in order to protect the Earth.

This Manual is only for reference; actual functions are subject to change without further notice, please refer to the actual product.

V1.0