LedSync850M quick user guide V1.0
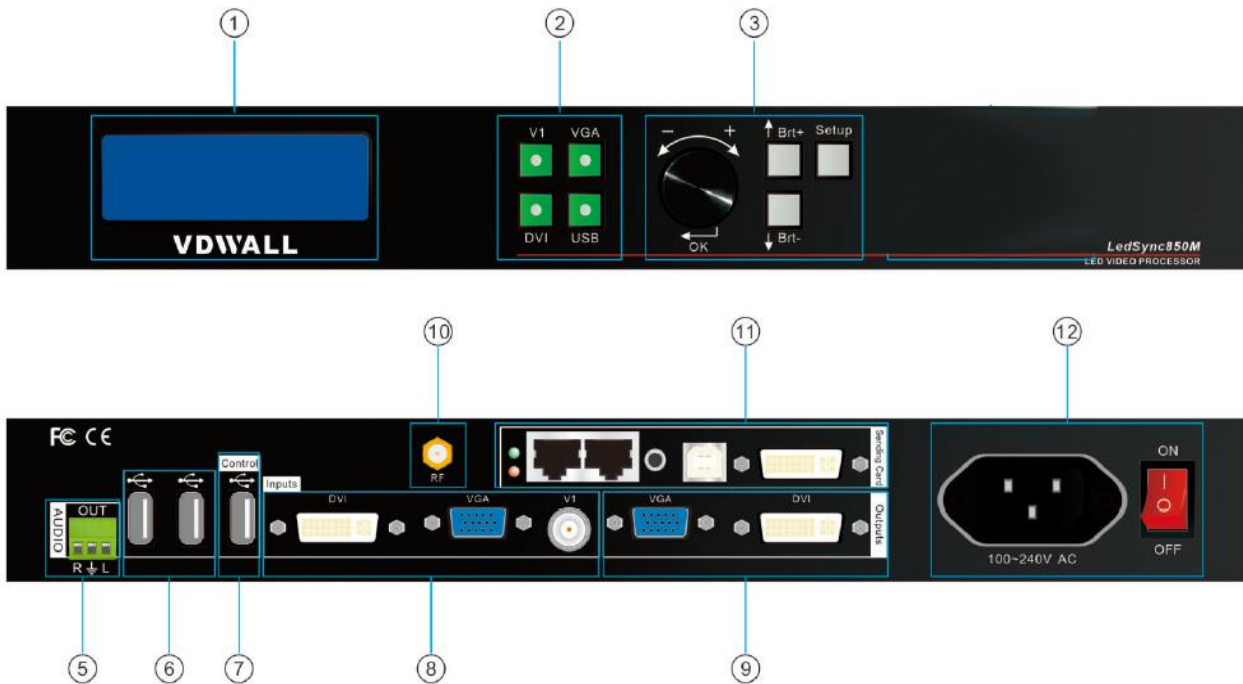
In order to make sure users can quickly use LedSync850M LED video processor, we prepared the<LedSync850M quick user guide>.   About LedSync850M deeply setup, adjustment and operation, please refer to <LedSync850M user manual>.

Front and rear panel button introduction

Front panel introduction

①LCD Screen(displaying information)
②Input signal selection keys
③parameters setting key and knob

Rear panel introduction

⑤USB audio output module
⑥USB signal input port
⑦USB control port
⑧Signal input ports
⑨VGA/DVI output port
⑩RF Antenna port

LedSync850M supports 4 video signal inputs as below：

port	Description
V1	1 PAL/ NTSC standard composite video input
VGA	1 analog signal input of computer
DVI / HDMI	1 DVI/HDMI digital signal input

USB	1 U-disk input port

Step 1: sending card installation

The sending card of LED display can be installed in the desktop computer's PCI slot and they

can also be installed in the LedSync850M chassis inside.

The method is as below.

1) Turn off the LedSync850M power supply and unplug the power cord

2) Open the LedSync850M cover, remove the baffle of the sending card.

3) Unscrew the hexagonal setscrew of sending card and remove the sending card baffle.

4) Install sending card in the LedSync850M mounting position and tighten the screws

5) Connect sending card + 5V power supply cable, install the LedSync850M cover

Step 2: connect input and output signals.

1)Turn off the power of all signal source devices.

2) Connect the output signals from video sources to corresponding video input ports of

LedSync850M, for example:

Connect DVI output from PC to DVI input of LedSync850M

Connect Video output from camera to V1 input of LedSync850M

3) Connect DVI output of LedSync850M to DVI input of sending card

4) Connect sending card RJ45 cables to LED receiving cards

5) Connect LVP615 VGA output to LCD display(used as monitor).

Step 3: *Connect power and power on*

1) Make sure all input and output connection correct

2)Connect power to LVP615 and turn on it.

3) Power on the video source devices.

step4: input signal selection

LedSync850M boot, LCD screen will show the right information.

1) Line 1 displays the currently selected input source, eg "Input = DVI"

2) Line 2 shows the status of the current input source

> Input = DVI
> 1080p_60hz
> Seamless switching

If no valid signal input, then display: "no valid signal input", while the corresponding input

button light flashes, the screen is black;

If the signal is valid, then the input signal format, such as: "1080p_60Hz"

3) Line 3 shows the effect of signal switching, such as "seamless switching" or "fade in"

Press the input signal button at this time, you can select the corresponding input source

Step 5: output resolution setup

After turning on LedSync850M

1) Press Setup button, then press the knob (i.e.OK key) to enter setup menu: The first item:

language settings.

2) Rotate knob to choose "中文" or "English" and press the knob (OK key) to save.

1) Enter setup menu：1.out image→1.1 resolution， and rotate knob to change output

resolution. Select output resolution which is bigger than LED real resolution and press OK

to save.

3) LedSync850M will automatically restart

Step6: *output image width and height setup*

After LedSync850M restarts

1) Press the Setup key, then press the knob (i.e.OK) to enter the setup menu, press ↑

to Item 3: Out Width . rotate knob to change the output width value to the actual pixel value of

LED screen .

2) and then press ↑ to item 5: Out Height and turn the knob to change the output height

to the actual height of the LED screen pixels, press the OK to save

3) Press Setup again to exit the setup menu to complete the setup

Step 7: computer resolution setup

1) Enter the computer graphics card control interface, set the multiple display options to "copy mode", "extended mode" or "dual display mode"

2) In the change resolution option, select the display LVP515 resolution is not less than the output resolution of LedSync850M, then LedSync850M panel LCD screen will display the current computer graphics card resolution.

Step 8: full / part screen display (Bypass)

1) press DVI to select the DVI signal input, to ensure that the DVI input signal resolution and LedSync850M output resolution are the same

2) press Bypass key, the button indicator light on, LED screen is under pixel to pixel part display situation.   the image is not compressed

3) Press Bypass key again, the button indicator is off, the LED screen is full screen display. And the image is compressed to the LED screen.

Step 9: U disk plug and play

1) LedSync850M VGA OUT connected to the monitor.

2) Press USB key, select the USB input, panel LCD will display: input = USB 1080P_60HZ

3) Connect USB with video file to the USB port of processor. the processor will automatically play USB video files

4) You can also insert a USB mouse for manual operation to play PPT and picture and other functions.

Appendix: modify the record table

version	time	Description	draft
V1.0	2017.5.9	The first release	Lts