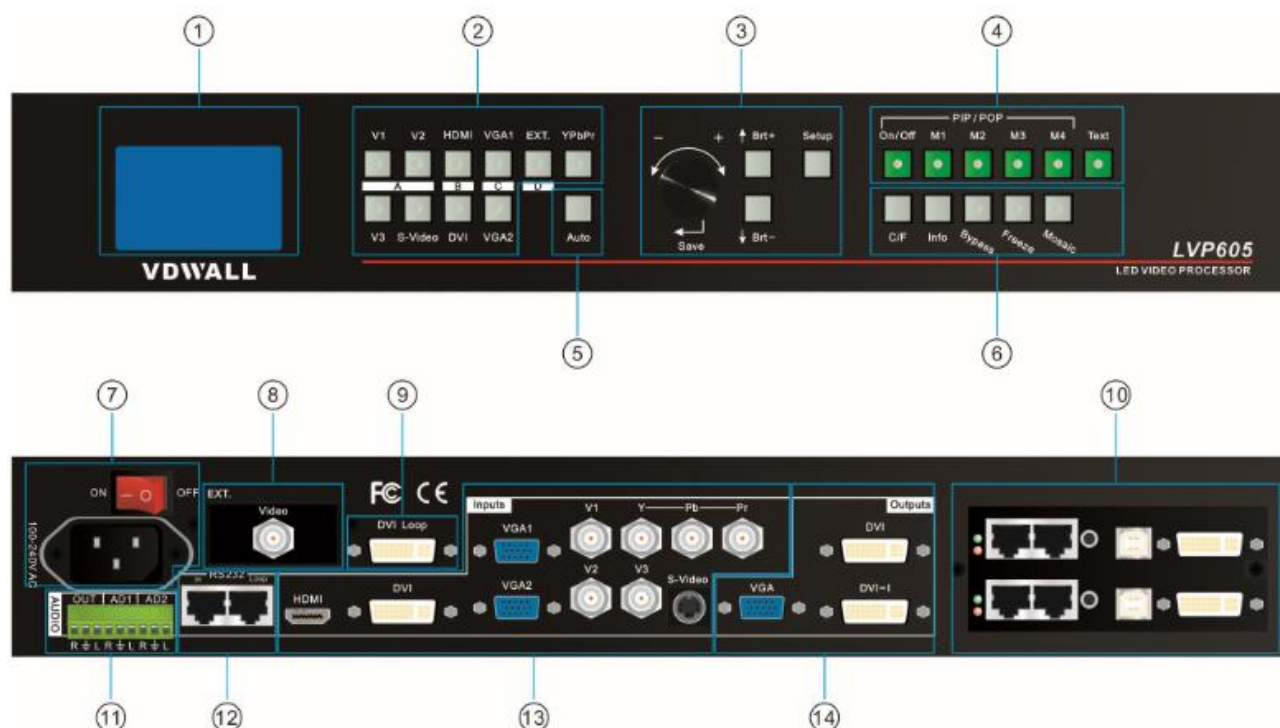


LVP605 series quick use guide

The **quick use guide** is for user can learn how to use **LVP605 series** LED HD video processor quickly, about further **setup, performance** and **operating method** of **LVP605**, please refer “**LVP605 User’s Manual**”.

Frontal\Rear panel introduction



Frontal panel introduction

- ① LCD screen (displays parameters and information)
- ② Input signal select
- ③ Parameter setup
- ④ PIP/POP and text overlay
- ⑤ VGA auto

Rear panel introduction

- ⑦ AC power jack and switch
- ⑧ Extended input port (optional)
- ⑨ DVI loop
- ⑩ Sending card slots(cards are optional)
- ⑪ External audio input and output ports
- ⑫ RS232 control ports

- ⑥ Other functions (switching effect select, Information display, freeze etc.)
- ⑬ Signal input ports
- ⑭ DVI/VGA output ports

LVP605 supports 10 channels of video input, as below:

Port	Description
V1,V2,V3	3 composite videos input (PAL/NTSC)
S-Video	1 Y/C separation video input (PAL/NTSC)
YPbPr	1 HD component video input
VGA1,VGA2	2 computer analog video input
DVI	1 DVI digital video input
HDMI	1 high definition multimedia video input
EXT.	1 extended port input

Note: **EXT.** extended port, 1 VIDEO for **LVP605**, 1 SDI/HD-SDI for **LVP605S**, 1 VGA/DVI/HDMI for **LVP605D**.

Step 1: Sending card installation

LED Sending Card can be installed in PCI slot of Desktop Computer, also can be installed in **LVP605**.

How to install Sending Card to **LVP605**:

- 1) Turn off **LVP605**'s power, and pull out power cable.
- 2) Open **LVP605**'s surface cover, take down the separation blade of Sending Card of **LVP605**.
- 3) Unscrewing six angle screw of Sending Card, take down the separation blade of Sending Card.
- 4) Assembling Sending Card in right location of **LVP605**, screw down all screws.
- 5) Connect +5V power cable, put **LVP605**'s surface cover back as original.

Step 2: Input and output signal connection

- 1) All devices you need to operate should be power off.
- 2) The output port of all players connect to relevant input port of **LVP605**, for example:
PC Graphic Card's DVI output port connects to **LVP605**'s DVI input port.
Camera's AV output port connects to **LVP605**'s V1, V2 or V3 input port.
- 3) **LVP605**'s DVI output port connects LED Sending Card's DVI input port.
- 4) Sending Card's net cable connects to Receiving Card.

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5) **LVP605's** VGA output port connects Displayer as monitor.

Step 3: Power on starting up

- 1) Make sure all of the input and output ports connect correctly.
- 2) Let **LVP605** get power and open power switch.
- 3) Then let all devices of signal source power on.

Step 4: Input signal selection

After **LVP605** starting up, the LCD on frontal panel will display some information.

Input = DVI
1080p_60Hz
Cut

- 1)The first line: the input signal you currently choose,
for example : "**Input = DVI**".
- 2) The second line :the status of current input signal source, if no input display "**No Input**",
meantime the indicator light on relevant input key is flashing, LED screen and displayer is blank screen;
if the signal is valid displaying the format of current input signal, for example "**1080p_60Hz**".
- 3)The third line: the effect of signal switch, for example **Cut, Fade=(0.5s 1.0s 1.5s)** or **Blend**.
At this time press input signal key, relevant input signal source can be switched.

Step 5: Output resolution setup

After **LVP605** starting up normally (PIP and Mosaic is closed)

- 1) Press **Setup** key, then press Knob (**Save** key), **LVP605** enters setup menu.

The first option: **Language**

- 2) Rotate Knob can choose "**Chinese**" or "**English**", press Knob (**Save** key) to save.
- 3) Press **↑** key to the second option of setup menu **Output Format**, rotate Knob to modify **output resolution**. The output resolution must be bigger than the **actual resolution** of LED Screen,
press Knob to save,
- 4) The Video processor will remind you to restart, as you are told turn off it then reopen.

LVP605 supports customized resolution, meantime need to meet 4 conditions 1. Maximum

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width 3840; 2. maximum height 1920; 3. field frequency 23—80HZ; 4. $((\text{width}+184) * (\text{height}+45) * \text{field frequency}) < 164999000$.

Step 6: Setting output width and height of image

After restarting **LVP605**

- 1) Press **Setup** key then press Knob (**Save** key) to enter first option of setup menu, press **↑** key to setup option of **Out_Hori_Width**, rotate Knob to modify the **width value**, which must be as same as the width (pixel) of LED Screen, press Knob to save;
- 2) Press **↑** key to setup option of **Out_Vert_Height**, rotate Knob to modify the **height value**, which must be as same as the height (pixel) of LED Screen, press Knob to save.
- 3) **LVP605**'s basic setup is finished, press **Setup** key again to exit setup.

Step 7: Computer resolution setup

- 1) Entering the control panel of computer Graphic Card, in this option of **Setting multi-displayer**, select "**Copy mode**", "**Extend mode**" or "**double display mode**" etc.
- 2) In **Modify resolution**, setting displayer **LVP605**'s resolution as same as the resolution you have set in **step 5**. At this time **LVP605**'s LCD displays current output resolution of Computer Graphic Card.

Step 8: full\part display (Bypass)

- 1) Selecting DVI input, make sure the input and output resolution of **LVP605** are same.
- 2) Press **Bypass** key, the indicator light on the key light up, LED Screen's display status is part, picture on LED Screen is normal, no compression;
- 3) Press **Bypass** key, the indicator light on the key doesn't light up, LED Screen's display status is full, the whole picture is compressed to LED Screen for displaying.

Step 9: Open PIP/POP function

- 1) In the display status of single picture, press signal key to choose signal as **background**.
- 2) press: **PIP/POP ON/OFF** key, the LCD on panel will remind you **PIP=?**
- 3) At the moment press signal key to choose signal for **PIP/POP**.
- 4) When **PIP/POP** is open, press **PIP ON/OFF** key to exit the function.
- 5) LVP605 can save 4 different **PIP/POP** modes, press mode key: **M1 M2 M3 M4** to choose.

Step 10: Setting PIP/POP parameter

- 1) When PIP/POP is in open status, press mode key **M1 M2 M3 M4** to save setup parameters to the mode.
- 2) Press **Setup** key, then press knob(**save** key), **LVP605** enters setup menu of **PIP/POP**.
- 3) Press **↑** key to set 4 parameters of background separately, rotate Knob to modify the 4 parameter values of background.

Main_Hori_Width

Main_Hori_Start

Main_Vert_Height

Main_Vert_Start

- 4) Press **↑** key to set 4 parameters of **PIP/POP** , rotate Knob to modify the 4 parameter values of PIP/POP

PIP_Hori_Width

PIP_Hori_Start

PIP_Vert_Height

PIP_Vert_Start