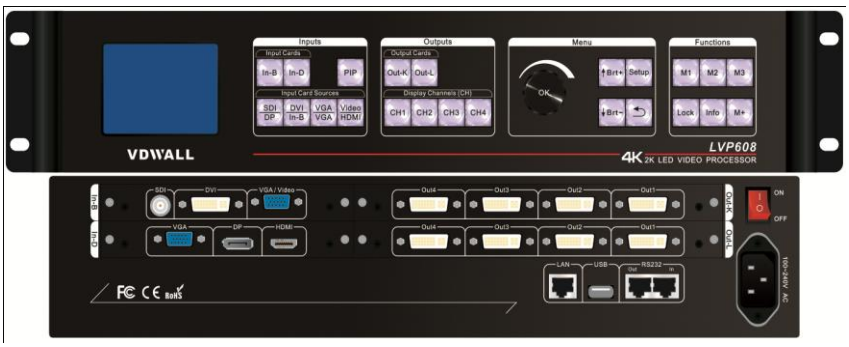
LVP608

4K2K LED Video Processor

User Manual



Contents

Chapter1. Safety precautions

! Danger

There is high voltage in the processor, to prevent any unexpected hazard, unless you are a maintenance personnel, please do not open the cover of the device.

! Warning

1. This device shall not encounter water sprinkle or splash, please do not place anything containing water on this device.
2. To prevent fire, keep this device far from any fire source.
3. If this device gives out any strange noise, smoke or smell, please immediately unplug the power cord from receptacle, and contact local dealer.
4. **Please do not plug or unplug DVI signal cable if the device is powered on.**

! Caution

1. Please thoroughly read this manual before using this device, and keep it well for future reference.
2. In the event of lighting or when you are not going to use the device for a long time, please pull the power plug out of receptacle.
3. Nobody other than professional technicians can operate the device, unless they have been appropriately trained or under guidance of technicians.
4. To prevent equipment damage or electric shock, please don’t fill in anything in the vent of the device.
5. Do not place the device near any water source or anywhere damp.
6. Do not place the device near any radiator or anywhere under high temperature.
7. To prevent rupture or damage of power cords, please handle and keep them properly.
8. Please immediately unplug power cord and have the device repaired, when
   1) Liquid splashes to the device.
   2) The device is dropped down or cabinet is damaged.
   3) Obvious malpractice is found or performance degrades.

Chapter2. Items list

Please unpack the product with care, and then check whether all the following items are included in the package. If anything is found missing, please contact the dealer.

Standard accessories

The accessories supplied with this product may differ from the following pictures, but they are applicable for the regions where you live.

		
1.5M Power Cable X 1	1.5M DVI Cable X 1	0.5M DVI Cable (Quantity depends on output cards)
		
1.5m HDMI Cable x1	1.5m DP Cable x1	VGA-VGA+RCA **X 1**
		
1.5M RS232--RJ45 Convert Cable X 1	0.2M Network Cable x1	1.5m USB Cable x1

		
Operating manual x1	Operating CD x1	

Chapter3. Hardware connection

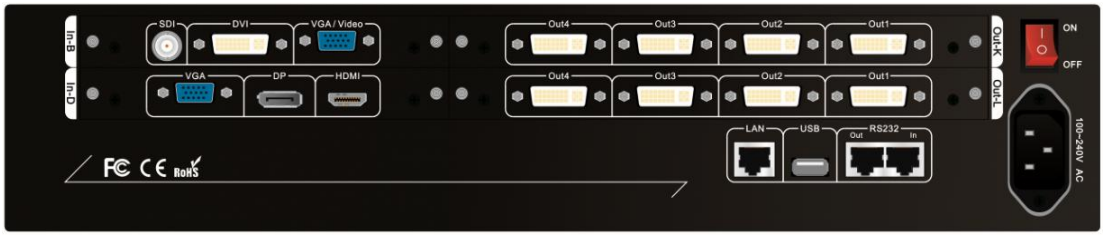
3-1 System framework introduction

Due to the plug-in design of input and output cards, the LVP608 configuration will depend on customer-specific requirements.

Types of cards	Number	Function
Full HD Video input card	x1	Integrate multiple video signals of different types and formats
Ultra HD Video input card	x1	Integrate 4K2K video signal
Output card	Maximum x2(DVI Ports x8)	Output processed signals to each display unit

Notice: when 2 output cards are pugged in, one of them can be used for preview output.

3-2 Rear view



3-3 Port description

1) Input ports

LVP608 maximally supports 2 PCS of input cards, one **full HD**

video input card(**In-B) and** one **Ultra HD video input card**(**In-D)**.

Full HD video input card supports 4 input signals. The port description is as follows:

Port	Description
VGA/Video	1* VGA(PC analog signal) **1*Composite(PAL/NTSC,VGA—VGA-RCA adapter needed)**
DVI/In-B	**1 X DVI (HDMI1.3 compatible)**
SDI	1x SDI/HD-SDI/3G-SDI digital signal input.

Ultra HD Video input card supports 3 external inputs and 1 internal DVI input.The port description is as follows:

Port	Description
VGA	1X PC analog signal input
DP	1X DP digital signal input（DP1.2）
HDMI	1X High-definition Multimedia signal input（HDMI1.4）
DVI	1X DVI digital signal input, which is from the output of **Full HD Video Input Card In-B**

2) Output port

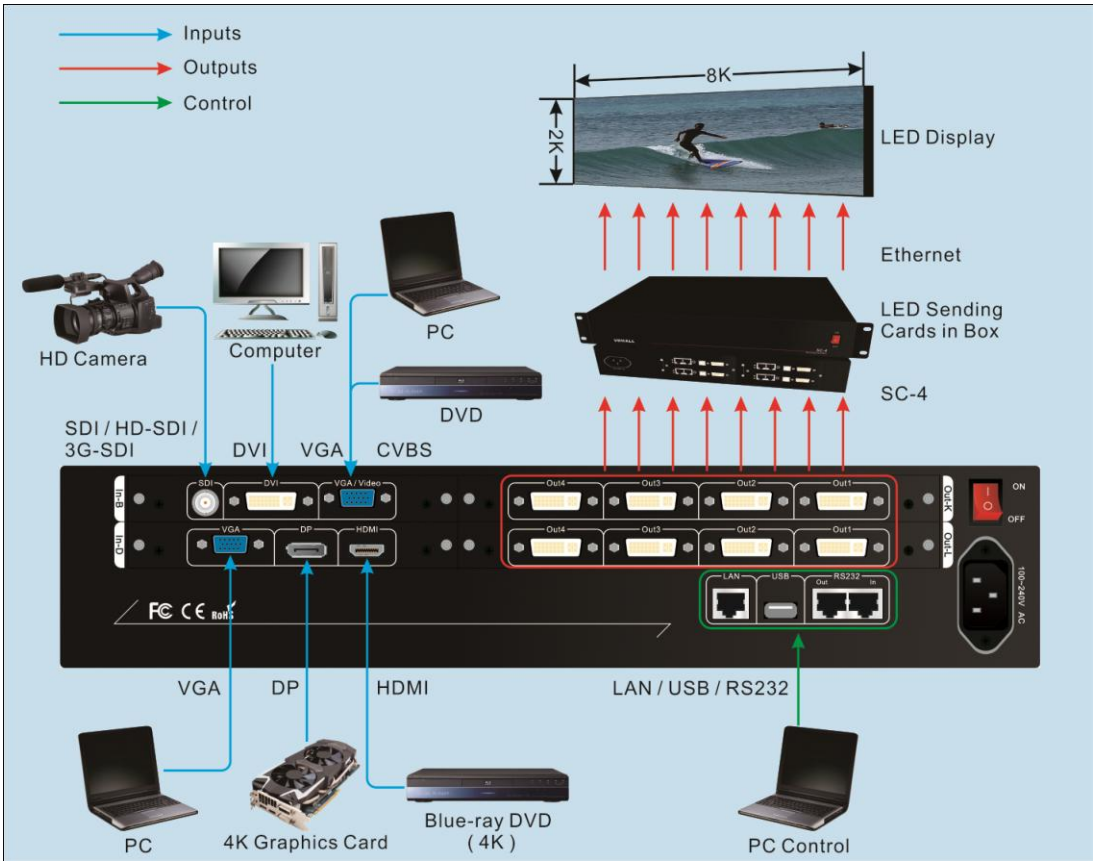
LVP608 maximally supports 2 PCS of output cards (Out-K, Out-L) and each card supports 4 DVI outputs. The port description is as follows:

Port	Description
Out1-Out4	4 DVI outputs for connecting to sending cards or monitors

3) Communication ports

Port	Description
LAN	LAN TCP/IP network control
USB	USB communication port
RS232 IN	Serial communication port, RS232 electric level, connect the RS232 interface of PC, use PC software to control processor
RS232 Out	Serial communication looping out, RS232 electric level, use one PC to control all processors

3-4 Connection diagram

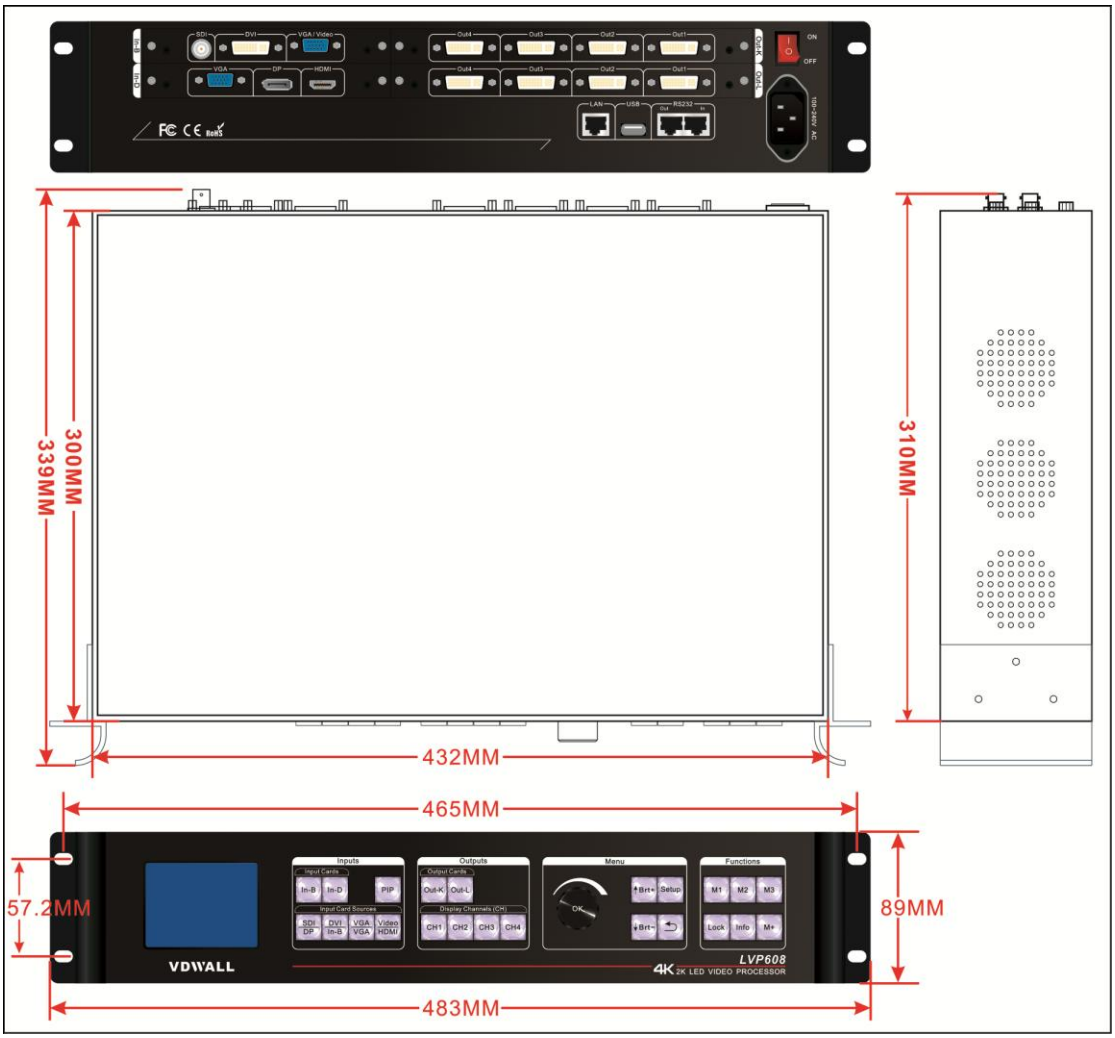


3-5 Specifications

Inputs			
Type/Quantity	1×Video 2×VGA（RGBHV） 1×DVI（VESA /CEA-861） 1×HDMI（VESA /CEA-861） 1×DP（VESA） 1×SDI（SDI/HD-SDI/3G-SDI）		
Video Standard	PAL/NTSC		
Composite Video Amplitude/Impedance	1V（p_p）/ 75Ω		
VGA Format	PC（VESA Standard）	≤1920×1200_60Hz	
VGA Amplitude/Impedance	R、G、B = 0.7 V（p_p）/ 75Ω		
DVI Format	PC（VESA Standard）	≤1920×1200_60Hz	
	HDMI1.3（CEA-861）		
HDMI Format	PC（VESA Standard）	≤3840×2160_30Hz	
	HDMI1.4（CEA-861）		
DP Format	Display Port 1.2 （ VESA Standard）	≤3840×2160_30Hz	

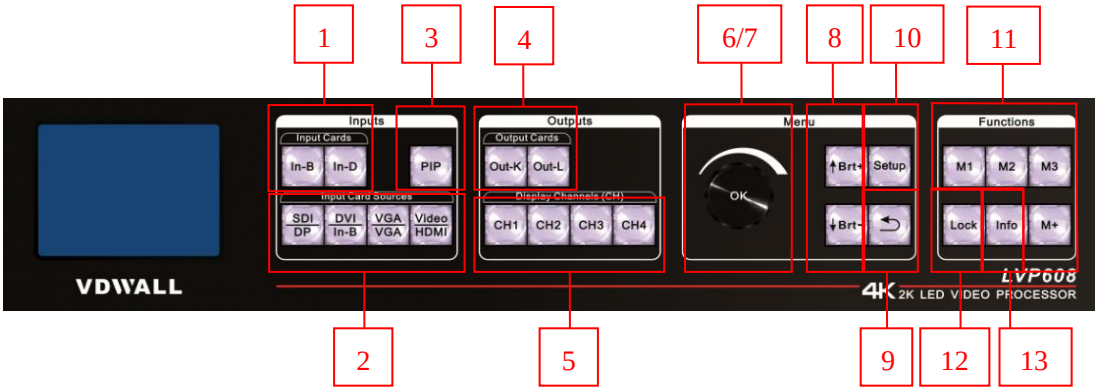
SDI Format	SMPTE259M-C SMPTE 292M SMPTE 274M/296M SMPTE 424M/425M	480i_60Hz 576i_50Hz 720p、1080i、1080p
Input Connectors	Video： 4-pin VGA VGA：15-pin D_Sub(Female) DVI：24+1 DVI_D SDI：BNC/ 75Ω HDMI： HDMI terminal A class DP：Display Port	
Outputs		
Type/Quantity	8×DVI	
Preview Output	1×DVI（Any one of them can be selected for preview output）	
DVI Resolution	1920×1080_60Hz	
Output Connectors	DVI：24+1 DVI_D	
Others		
Control	RS232/USB/LAN	
Input Voltage	100-240VAC 50/60Hz	
Maximum Power Consumption	≤60W	
Environment Temperature	0-45 ℃	
Environment Humidity	15-85%	
Dimension	483(L) x 300(W) x 89(H)mm	
Weight	Gross weight:7.7Kg, Net weight:5.4Kg	

3-6 Dimension



Chapter4. Front panel

4-1 Button instruction



1. **Input Cards (In-B, In-D):** stand for 2 input cards accordingly. **In-B** is **Full HD Video Input Card. In-D** is **Ultra HD Video Input Card.** When pressing a button to select a card, if the red light of the indicator is on, it

means the operation of the current input card is valid.

2. **Input Card Sources（SDI/DP、DVI/In-B、VGA/VGA、Video/HDMI）：** Input card selection,when selecting an input signal, if the green light of the indicator is on. It means the signal is available.Otherwise the light will flicker.

3. **PIP:** turn on or off the picture-in-picture function. If the indicator is on and flicker, it means signals should be selected.After selected one signal from “Input Card Sources”, it will be on green light. PIP signal can be same as or different from the main pic signal.

4. **Output Cards （Out-K，Out-L）:** stand for 2 output cards accordingly,.When select one card and the indicator is on red light, it means the operation of the current output card is valid.

5. **Display Channels (CH)（CH1、CH2、CH3、CH4）：**image **output channel** selection. The indicator is on green light all the time when one **output channel** is selected.Image **output channel (CH)**, in the system of this device, is also interpreted as “**image layer**”. The device can maximally offer **4 image layers (CH1, CH2, CH3, CH4)** which can be overlapped.

6. **Knob:** turn it to adjust the parameters on the menu.

7. **OK:** press it to confirm the operation.

8. **↑Brt+, ↓Brt-：** versatile buttons, “↑” and “↓” are used to select an item under setting situation. While Brt+ and Brt- are used to adjust the brightness under operation situation.

9. ：return to the previous menu.

10. **Setup** ：enter the setup menu.

11.M1，M2，M3，M+：display mode select.

There are 16 display modes in total. Press M1, M2 or M3 to directly select display mode 1, 2 or 3 and the indicator light is on. Mode 4—16 can be selected by pressing M+ to enter mode invoking menu and rotating the knob.

Each display mode has display image status and its related parameters:Size and location of image layer (input image will be cropped, so the new size and location will be created and output).

12.**Lock**：press the button and the indicator is on red light, all the other buttons are locked. Press the button again for 3 times, all the other buttons are unlocked and the light is off.

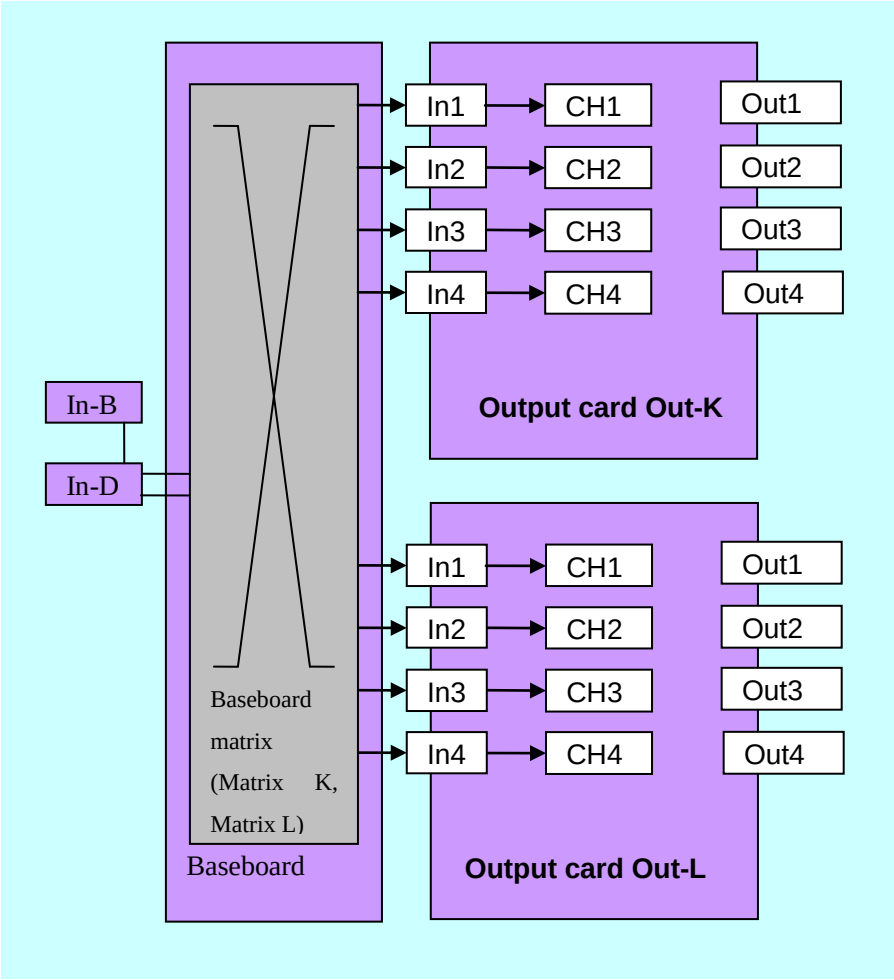
13.**Info**：display the system information. We can press button to check different status and parameters of the device.

Chapter5. Introduction to functions

LVP608 can maximum support 2 **Input Cards** (**each card includes SDI/DP, DVI/In-B, VGA, Video/HDMI**) and 2 **Output Cards.**

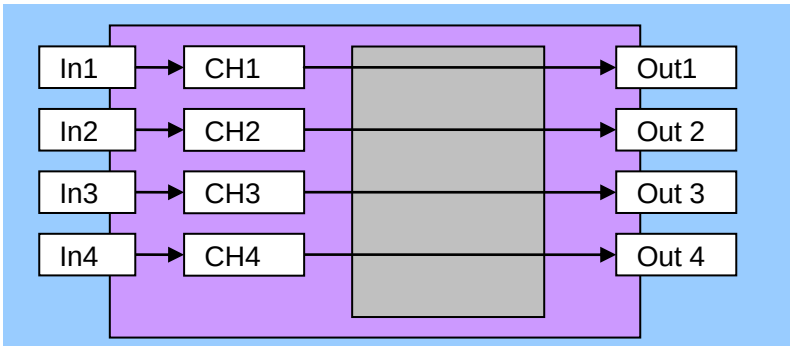
The output signal of **In-B** enters to the DVI input port of **In-D**, as the DVI input signal of **In-D**.

The signal **In-D** output divided into left half part (**Left**) and right half part (**Right**),enter Baseboard matrix, through Interaction and distribution of matrix, as the input signal of **Output Card** (**In1,In2, In3, In4**).



The **output card** design of **LVP608** has 3 different output modes. In this device, the design currently has: **four ports**, **two ports (up/down) and one port, c**ustomers can select output modes according to the project requirements.

5-1 **Output port: four ports**



Output port: four ports

Four output ports are:

Out1 = **CH1** **Out2** = **CH2** **Out3** = **CH3** **Out4** = **CH4**

This means:

Output port1 (Out1) outputs image from **image layer1 (CH1)**

Output port2 (Out2) outputs image from **image layer2 (CH2)**

Output port3 (Out3) outputs image from **image layer3 (CH3)**

Output port4 (Out4) outputs image from **image layer4 (CH4)**

Image layers (CH1, CH2, CH3, CH4) correspond to **input channel s(In1, In2, In3, In4)**.

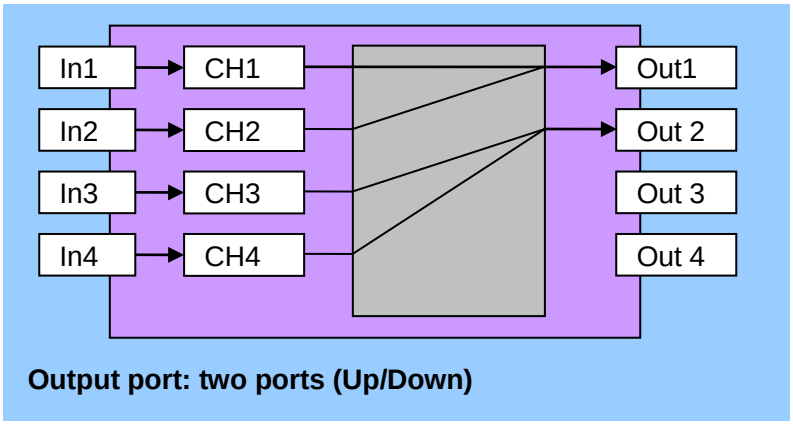
Image layer (CH) can crop the image of **input channel** and output to 4 output ports separately.

Four ports can apply to LED screen of **Width <=3840, Height <=2160** (2X2)

Four ports can apply to LED screen of **Width <=7680, Height <=1080** (4X1)

If you only use 2 of the **four ports**, it can apply to LED screen of **Width <=3840, Height <=1080** (2x1)

5-2 Output port: two ports (up/down)



Output port: two ports (Up/Down)

Two output ports are:

Out1 = **CH1 + CH2** **Out2 = CH3 + CH4**

This means:

Out1 outputs the image generated by 2 image layers overlapped (**CH1 and CH2);**

Out2 outputs the image generated by 2 image layers overlapped (**CH3 and CH4);**

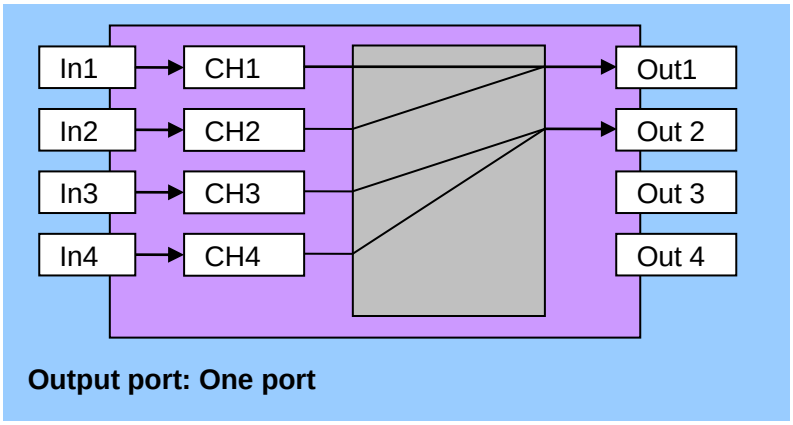
Out3 and **Out4** no output.

Image layers (CH1, CH2, CH3, CH4) correspond to **input channel s(In1, In2, In3, In4).**

Image layer (CH) crop the image of **input channel** and output to 2 output ports separately.

Two ports can apply to LED screen of **Width <=1920, Height <=2160** (1x2)

5-3 Output port: one port



Out1 = **CH1 + CH2** **Out2 = CH3 + CH4**

This means:

Out1 outputs the image generated by 2 image layers overlapped (**CH1 and CH2);**

Out2 outputs the image generated by 2 image layers overlapped (**CH3 and CH4);**

Out3 and **Out4** no output.

Only connect Out 1 to Sending Card.

Image layers (CH1, CH2, CH3, CH4) correspond to **input channels (In1, In2, In3, In4)**.

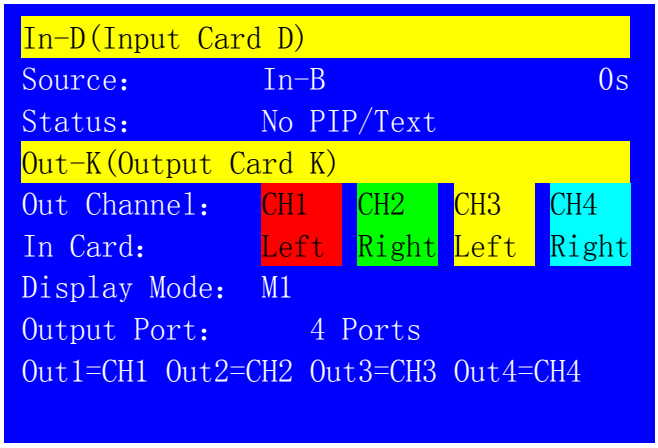
Image layer (CH) cut out the image of **input channel** and output to 2 output ports separately.

One port can apply to LED screen of **Width <=1920, Height <=1080**.

Chapter6. Basic operation introduction

When system starts, it will automatically detect and identify the number

and location of input cards and output cards. The LCD panel will display the information accordingly. The introduction of basic operations is based on full configuration (2 PCS of input cards and 2 PCS of output cards) and the default menu will be as follows when system starts:



6-1 Select input signals for input cards

Press **"SDI/DP、DVI/In-B、VGA、Video/HDMI"** to select a signal, and press "**In-B** or **In-D"** to select an input card for operation.

6-2 **PIP setup for input cards**

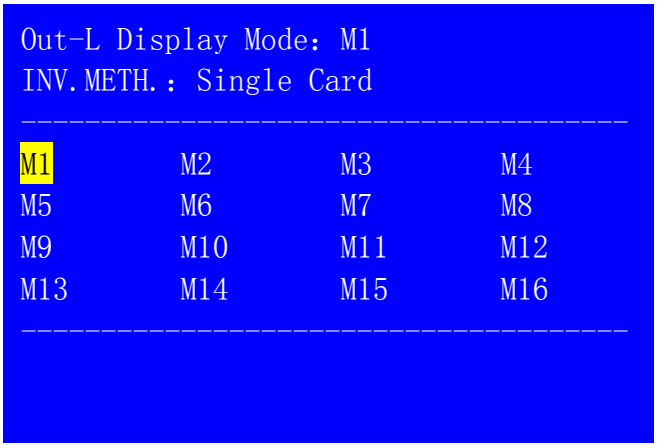
Press "**PIP"** and then select "**SDI/DP、DVI/In-B、VGA、Video/HDMI**" as the signal for **PIP**. Press "**In-B, In-D"** to select an input card for operation.

6-3 **Display mode setup of output cards**

There are 16 **display modes** in total, press **"M1,M2 or M3"**to directly select display mode 1,2 or 3,and the indicator light is on; Mode 4-16 can be selected by pressing "**M+**" to enter mode invoking menu and rotating the knob. "**OK**" to confirm and "⮌" to quit. The menu of "**Display mode setup**" is as follows:

Each **display mode** of LVP608 includes the status and relative parameter of displaying image:

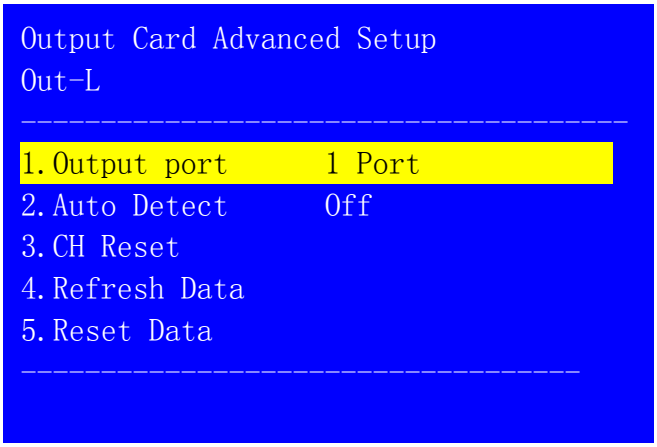
The **size** and **location** of **image layer** (include: crop the **size** and **location** of **input image**, then output the **size** and **location** of the copped image)



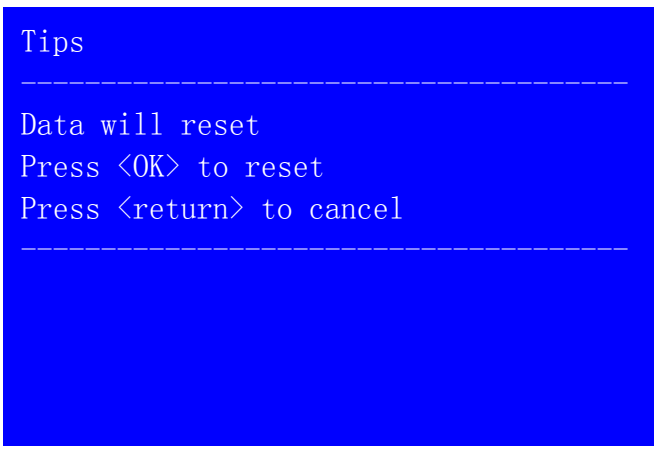
6-4 Output port setup

Press “**Setup**” to enter “user settings”, press “ ↑ , ↓ ”to select “Output Card Setup”, press “**OK**” to enter its sub menu. Press “ ↑ , ↓ ”to select “Advanced Setup”, press “**OK**” to enter its sub menu, press “ ↑ , ↓ ” to select “Output Port”, turn the knob to select “**OK**” to enter the confirmation sub menu.

Press **Out-K**, **Out-L** to select the output card.



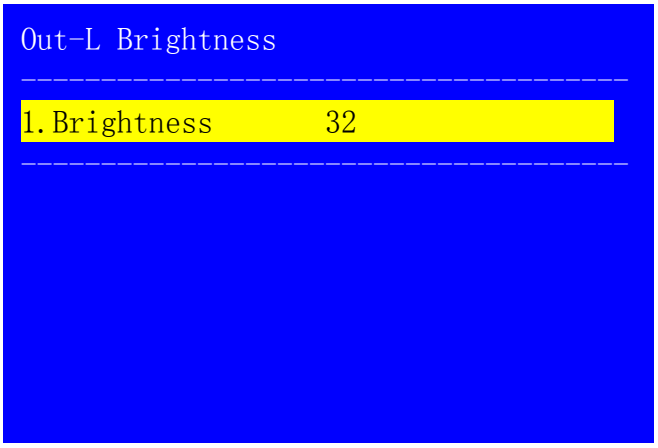
On the confirmation sub menu, press “**OK**” to change output port.



Notice: to change the output port will restore the data of the output card, don't change it if unnecessary.

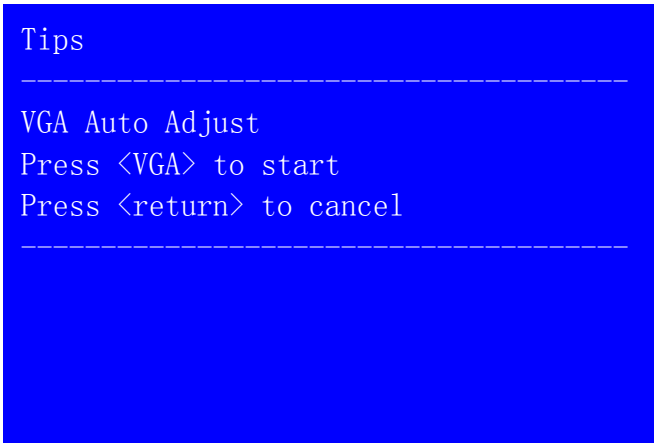
6-5 Brightness setup

The adjusting range of brightness is 0-32, "0" stands for the lowest brightness, press "**Brt+**"to increase the brightness or "**Brt-**" to lower it. To make sure of the complete grey level of the output images, the default is set as "**32**"and we can turn the knob to select one or two output cards for brightness adjusting.



6-6 Automatic VGA calibration

When the current input signal is VGA and it is valid, press "**VGA**" to enter the confirmation menu of VGA automatic calibration, press "**VGA**" one more time to confirm calibration and then ⮌ to quit the menu, The menu is as follows:

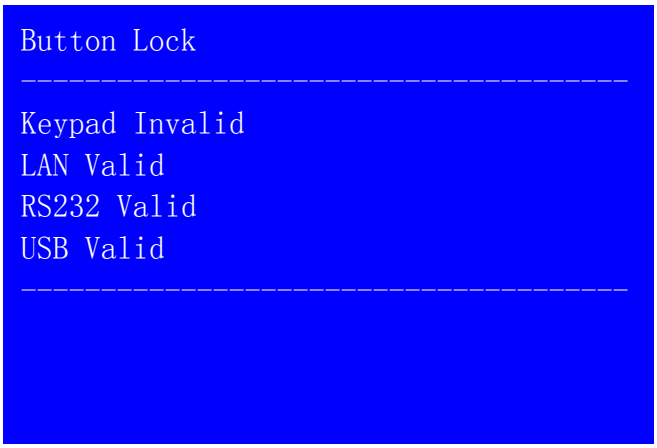


6-7 Button lock

Press "**Lock**", other buttons will be locked in case of wrong operation. On the menu of "Button Lock", press "**Lock**" three times to quit the lock state. When buttons are locked, only LAN, RS232 and USD communication are available in case of the conflict between remote control and panel control. When commands are sent from

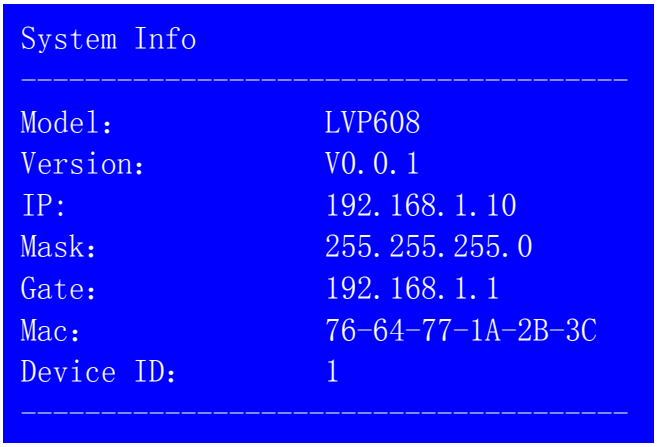
remote,buttons will be automatically locked.

The menu is as follows:



6-8 **Check system information**

Press "**Info**" to enter the menu of system information, and then press " ↑ , ↓ **"to turn the page and "** ⮌ **" to quit. The menu is as follows:**



Chapter7. User settings

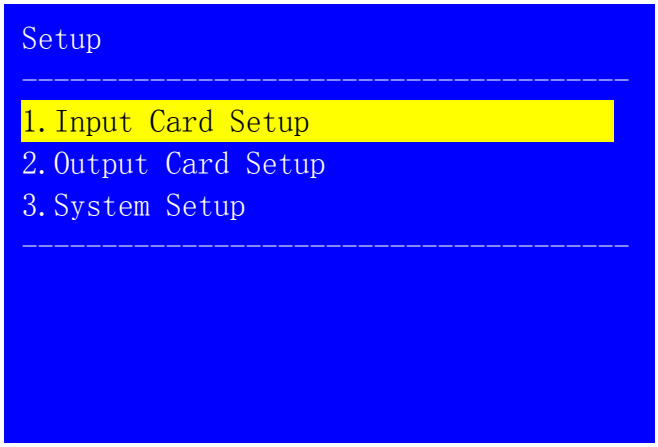
User settings are used for the overall system setup, these settings consist of 3 parts: input card, output card and the system. On the default menu, when system starts, press "**Setup**" to enter the menu of "**User settings**" and " ↑ , ↓ " to select settings, press "**OK**" to confirm, and "⮌ " to quit the menu.

Following is the detailed instruction of each setting:

7-1 Input card setup

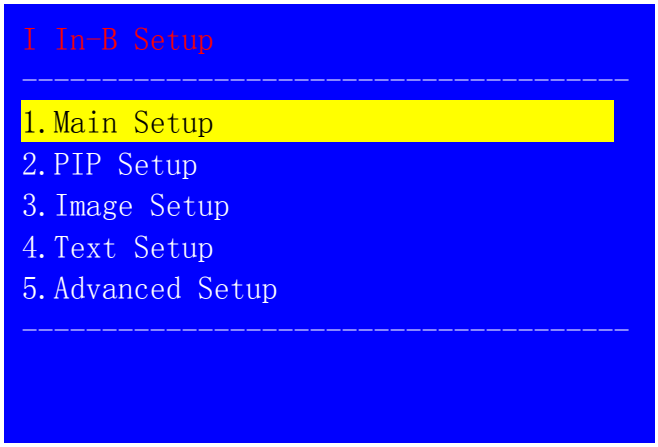
Press "**Setup**" to enter the menu of "**User settings**", " ↑ , ↓ "to select

“**Input Card Setup**”, press “**OK”** to enter the sub menu. Press “**In-B** or **In-D**” to select an input card to change its settings.

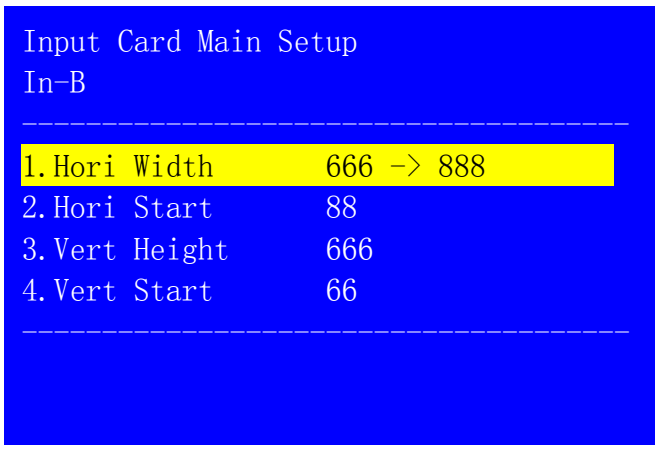


1.Set the size and location of main image

On the menu of “**Input Card Setup**”, press “ ↑ , ↓ ” to select “**Main Setup**”, and “**OK**” to enter the sub menu.

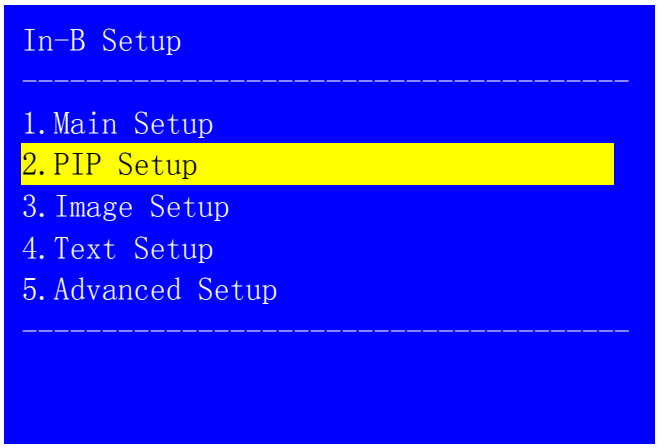


Press “ ↑ , ↓ ” to select the setting, turn the knob to ajust and then press “**OK**” to confirm.

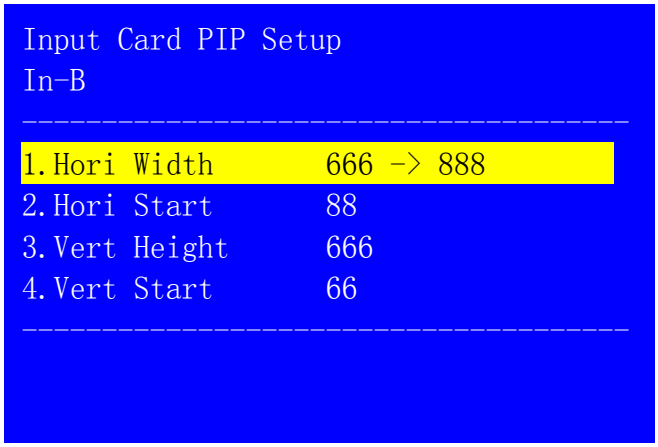


2.Set the size and location of PIP

On the menu of “**Input Card Setup**”, press “ ↑ , ↓ ”to select “**PIP Setup**”, press “**OK**” to enter the sub menu.

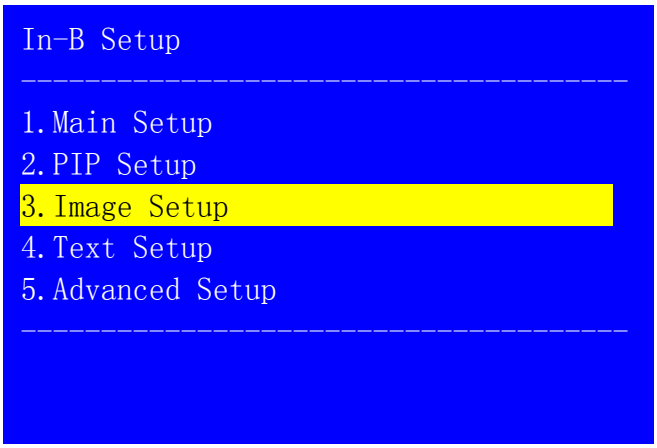


Press “ ↑ , ↓ ”to select the setting, turn the knob to ajust, and press “**OK**” to confirm.

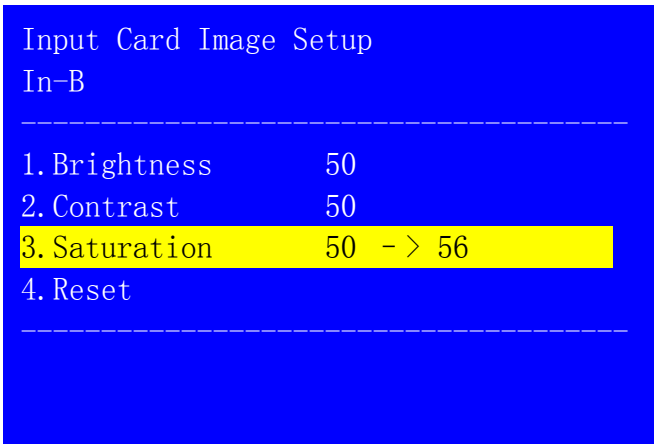


3.Set brightness, contrast and color

On the menu of “**Input Card Setup**”, press “ ↑ , ↓ ”to select “ **Image Setup**”, and **“OK”** to enter the sub menu.



Press " ↑ , ↓ "to select the setting, turn the knob to adjust, and press "**OK**" to confirm.

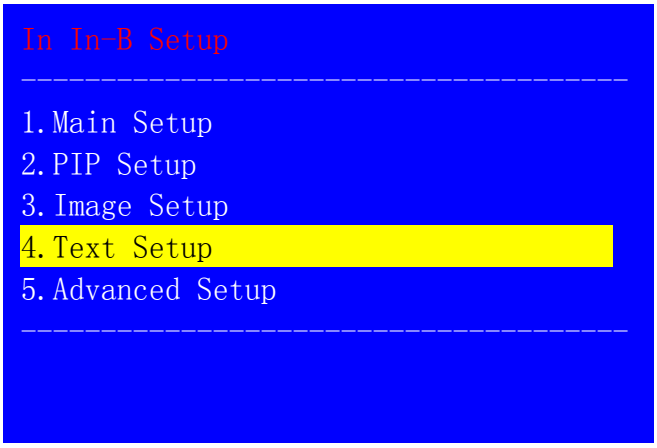


The adjusting range of brightness, contrast and color is 0-100.Brightness adjusting is only valid for the selected input card, if the adjusting is wrong, press "**Reset**" to return to the default.

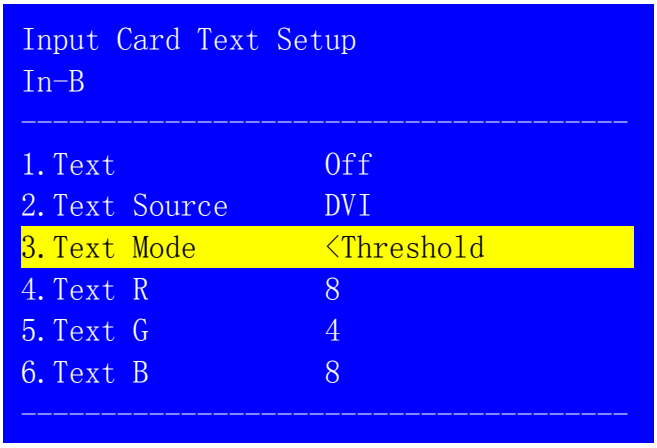
Notice: to change the settings is not recommended, unless brightness adjusting through the panel buttons can't meet customers' requirements.

4. Set text on/off, text source and text mode

On the menu of "**Input Card Setup**", press " ↑ , ↓ "to select "**Text Setup**", press "**OK**" to enter the sub menu.

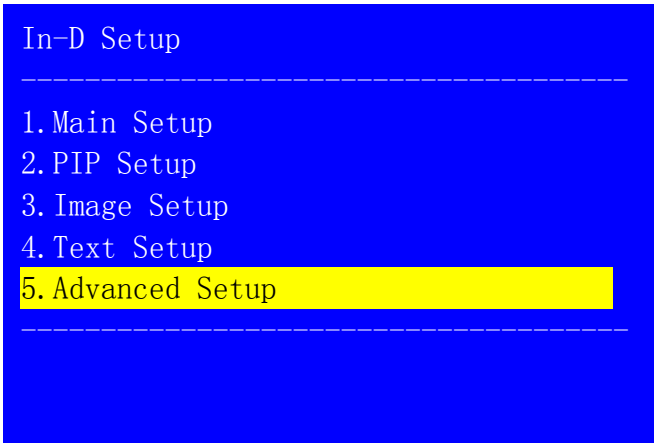


Press " ↑ , ↓ "to select the setting, turn the Knob to ajust, press "**OK**" to confirm.



5.Advanced setup

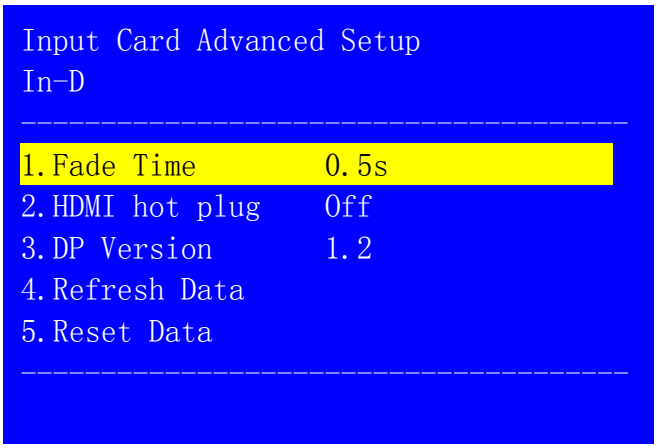
On the menu of "**Input Card Setup**", press " ↑ , ↓ "to select " **Advanced Setup**", press "**OK**" to enter the sub menu.



- **Set fade time**

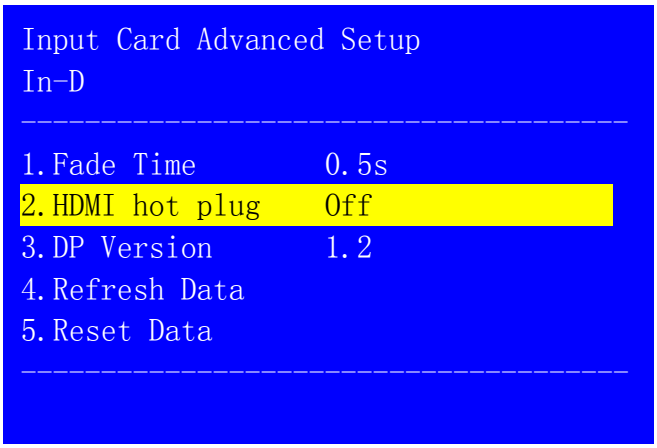
  On the menu of "**Input Card Advanced Setup**", press " ↑ , ↓ "to

select “ **Fade Time**”, turn the knob to adjust, and press “**OK**” to confirm.



- **HDMI hot plug on/off**

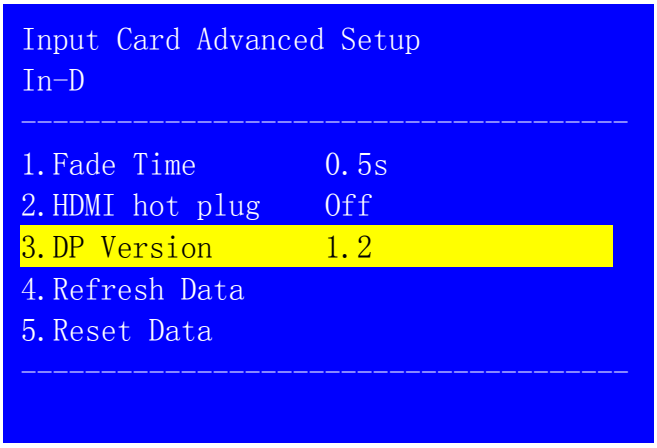
On the menu of “Input Card Advanced Setup”, press “↑,↓” to select “**HDMI hot plug**”, turn the knob to ajust, and press “**OK**” to confirm.



Notice: when LVP608 is switching signal source, it will send a “hot plug signal” to HDMI device, so the device can update HDMI signal flow and working normally. In this situation, a small number of HDMI devices can’t working normally in extended desktop, then you can turn it off. Generally we don’t suggest you to turn it off.

- **Set DP version**

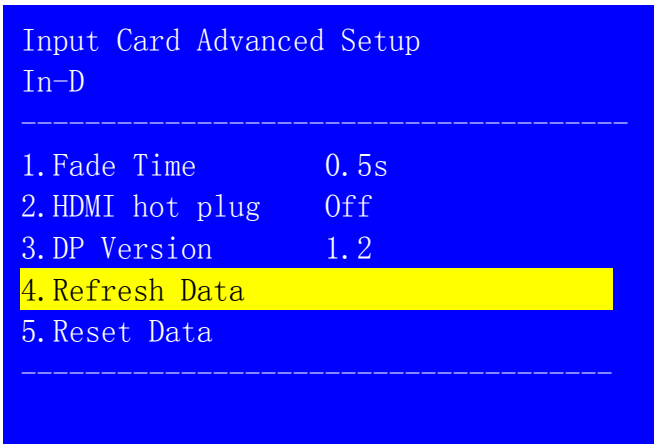
On the menu of “**Input Card Advanced Setup**”, press “↑,↓” to select “**DP Version**”, turn the knob to adjust, and press “**OK**” to confirm.



Notice: only when input card is In-D, you can set DP version.

- **Refresh data**

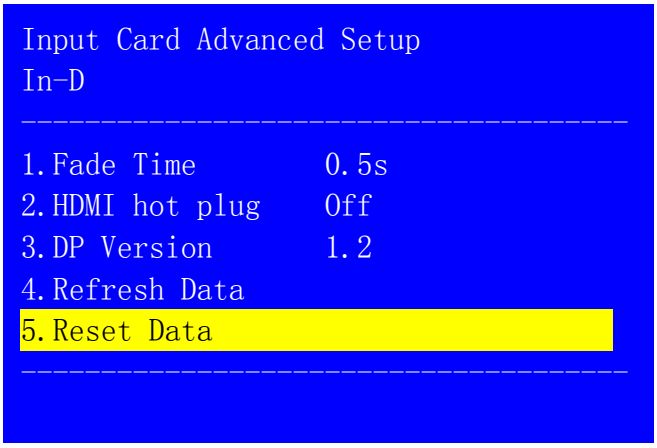
On the menu of "**Input Card Advanced Setup**", press "↑,↓" to select "**Refresh Data**", and press "**OK**" to confirm.



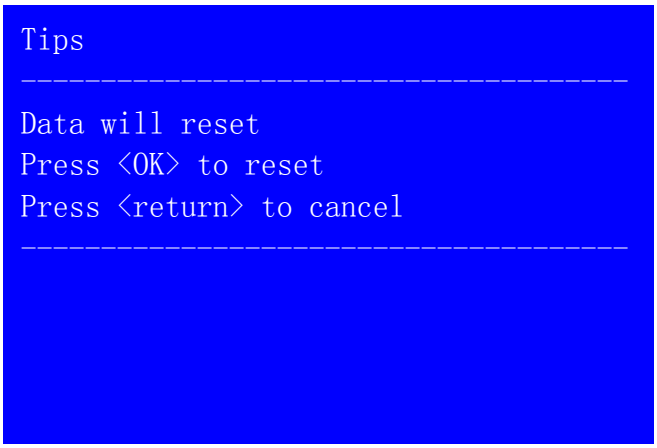
Notice: sometimes when users change input cards by themselves, the data of new input cards might be inconsistent with that of the system. "Refresh Data" will then update the system data to be consistent with that of the new input cards. Generally we don't suggest customers to change it.

- **Reset input card**

On the menu of "**Input Card Advanced Setup**", press "↑, ↓" to select "**Reset Data**" and then press "**OK**" to enter the sub menu.



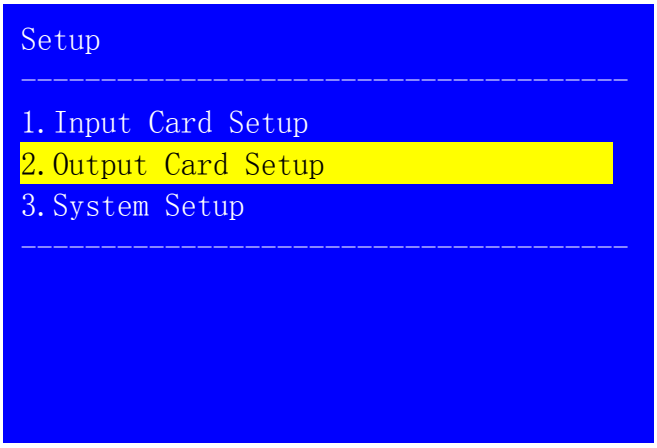
When entering the sub menu of "**Reset Data**", press **OK** to start to reset .



Notice: sometimes when users change input cards by themselves, the data of new input cards might be inconsistent with that saved by the system. "Reset data" will restore the data of new input cards to the factory default. The operation is only valid for a single input card, so it won't affect the data of other input cards.

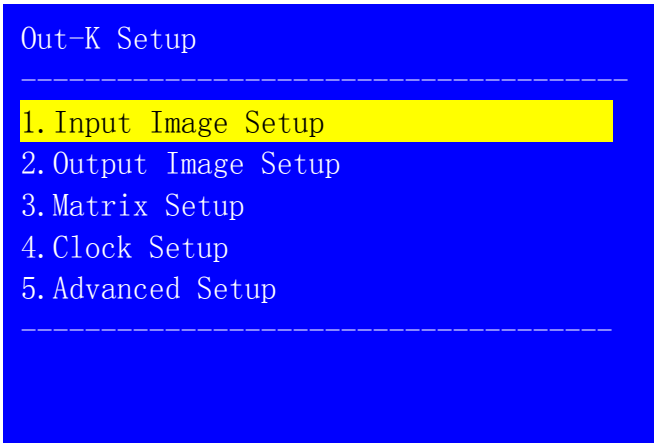
7-2 Output card setup

Press "**Setup**" to enter the menu of "User Settings", "↑, ↓" to select "**Output Card Setup**" and then "**OK**" to enter the sub menu.

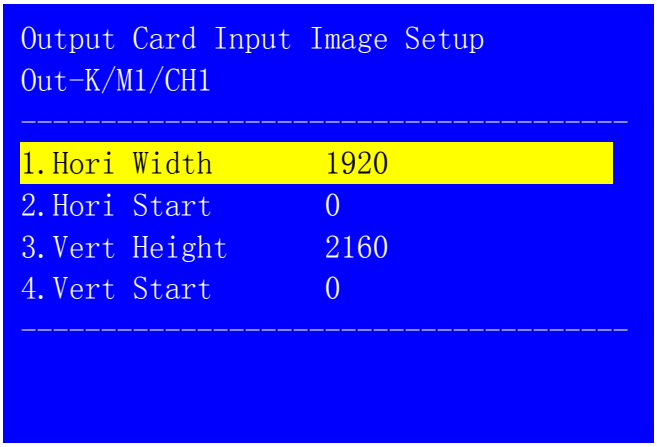


1.Set the size and location of input image for output card

On the menu of "**Output Card Setup**", press "↑,↓" to select "**Input Image Setup**" and "**OK**" to enter the sub menu.

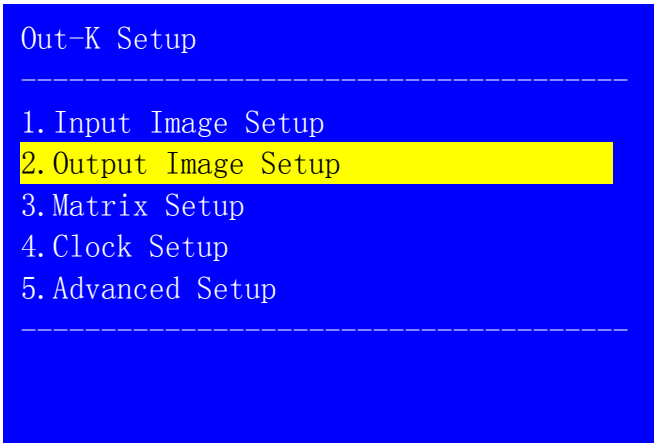


Press " ↑ , ↓ " to select the setting, turn the knob to ajust, and press "**OK**" to confirm.

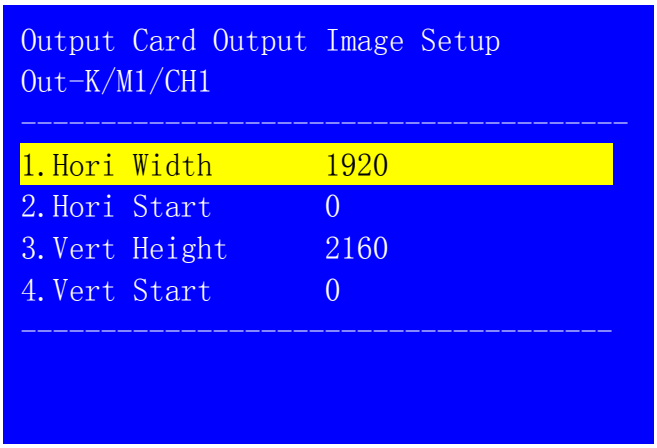


2.Set the size and location of output image for output card

On the menu of "**Output Card Setup**", press "↑,↓" to select "**Output Image Setup**", press "**OK**" to enter the sub menu.

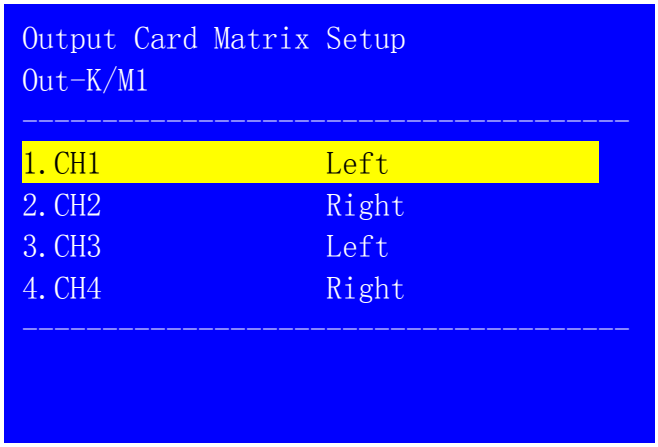


Press " ↑ , ↓ " to select the setting,turn the Knob to ajust, and press "**OK**" to confirm.



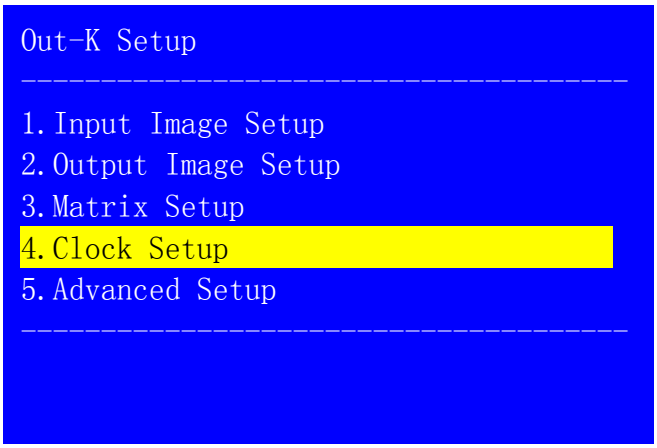
3.Output card matrix setup

On the menu of "**Output Card Setup**", press " ↑ , ↓ " to select "**Matrix Setup**", press "**OK"** to enter the sub menu.

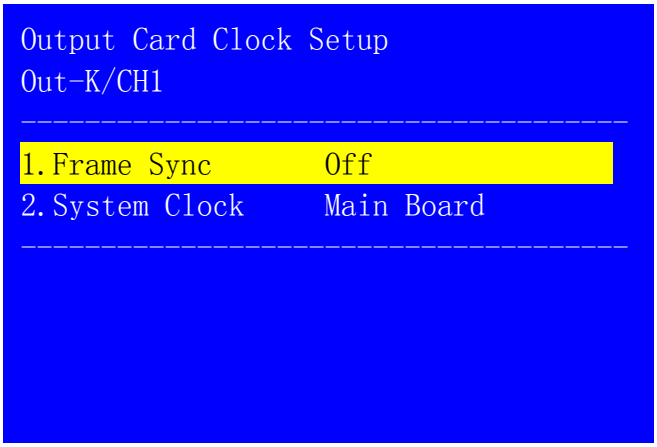


4.Clock setup

On the menu of "**Output Card Setup**", press " ↑ , ↓ " to select "**Clock Setup**", press "**OK"** to enter the sub menu.



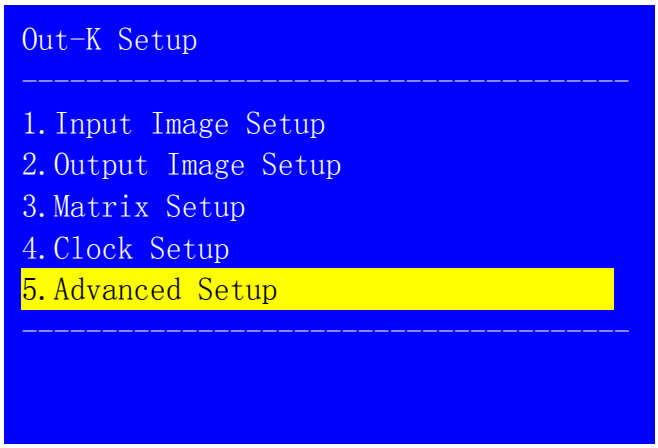
Press " ↑ , ↓ "to select the setting, turn the knob to ajust, press "**OK**" to confirm.



Notice: clock setup is only used when display is out of sync,if display is out of sync,please set "**Frame Sync**" as In1,and also select "**System Clock**"as In1.

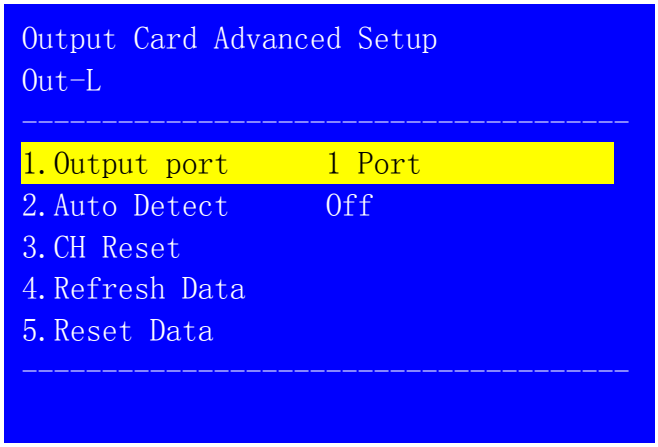
5.Advanced setup

On the menu of "**Output Card Setup**", press " ↑ , ↓ " to select "**Advanced Setup**", press "**OK**" to enter the sub menu. Press "**Out-K**" or "**Out-L**" on front panel to select the output card to set, press "**CH1, CH2, CH3** or **CH4**" to select the channel to set.

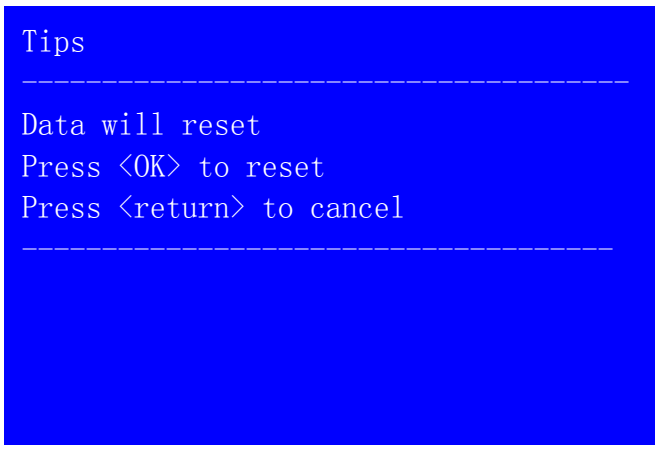


- **Set output port of output card**

On the menu of "**Output Card Advanced Setup**", press " ↑ , ↓ " to select "**Output port**",turn the knob to ajust, press "**OK**" to enter the sub menu.



On the menu of "confirming output port", press "**OK**" to change output port.

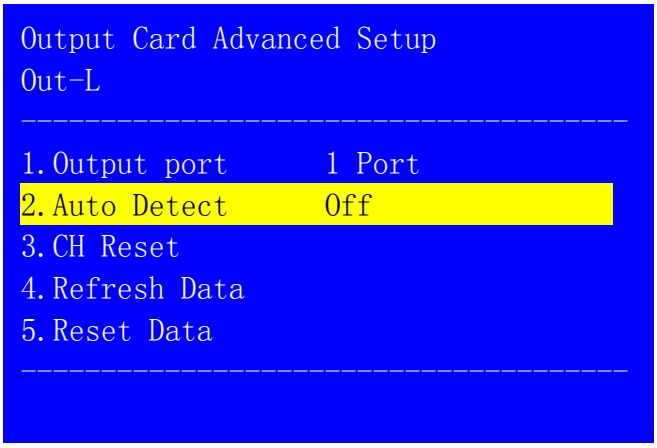


Notice: change output port will cause the data reset, don't change it if

unnecessary.

- **Auto detect of signals for output card**

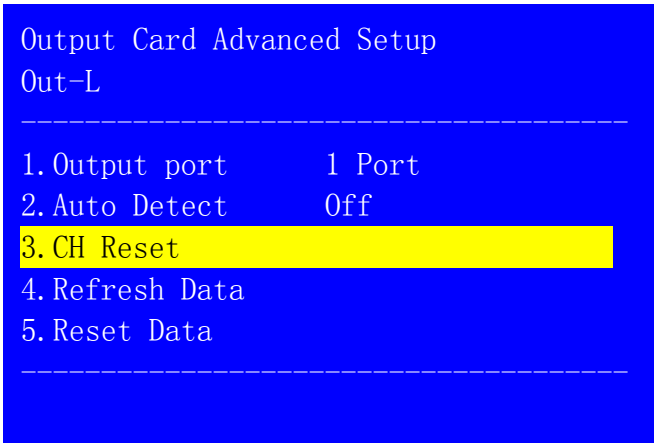
On the menu of "**Output Card Advanced Setup**", press " ↑ , ↓ "to select "**Auto detect**", turn the knob to adjust, and press "**OK"** to confirm.



Notice: normally "Auto detect" is off, it is mainly used for malfunction detec of input card. When "Auto detect" is on and In-D has malfunction, the screen will be blank.

- **Channel reset**

On the menu of "**Output Card Advanced Setup**", press " ↑ , ↓ " to select "**CH Reset**", press "**OK**" to confirm.

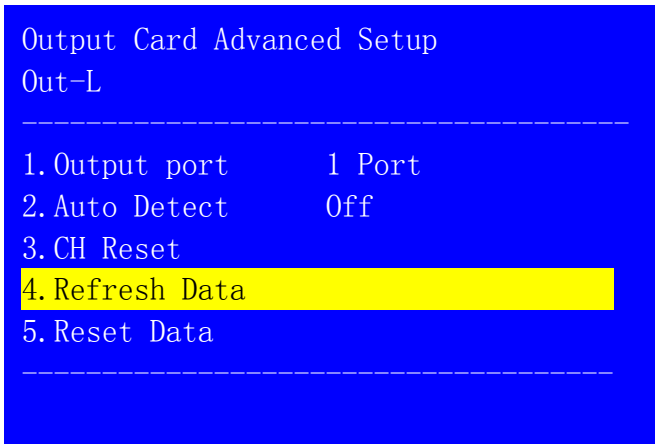


Notice: input signals for output cards will be briefly unstable when making changes in "Matrix K Setup" or "Matrix L Setup" and it will lead to blurred or blank screen. "**CH Reset**" will restore the system. Normally this operation is not necessary.

- **Refresh data**

On the menu of "**Output Card Advanced Setup**", press " ↑ , ↓ "to select

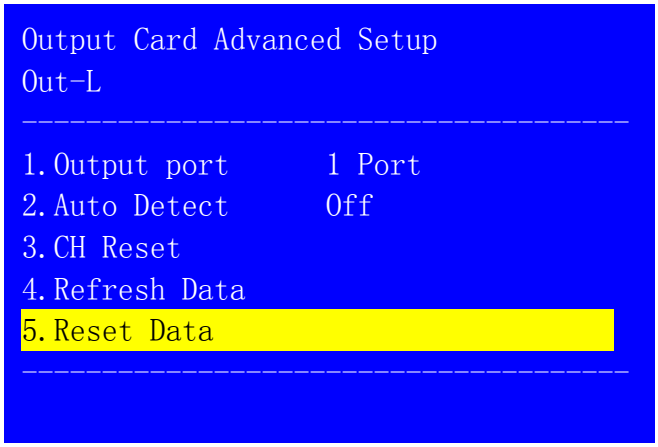
“**Refresh Data**”, press “**OK**” to confirm.



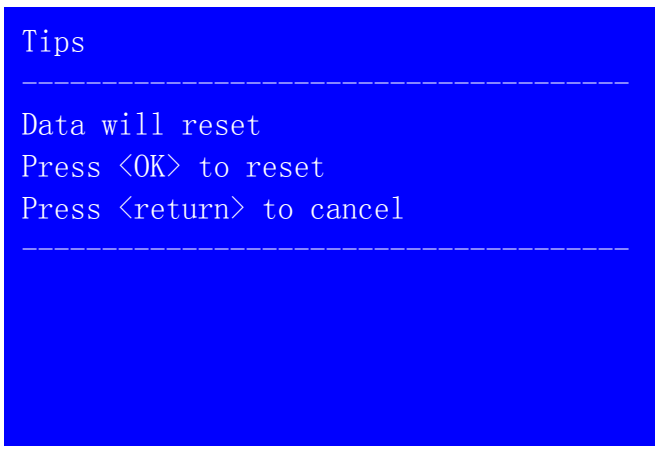
Notice: sometimes when users change output cards by themselves, the data of new output cards might be inconsistent with that of the system. “**Refresh Data**” will then update the system data to be consistent with that of the new output cards.

- **Reset data**

On the menu of “**Output Card Advanced Setup**”, press “ ↑ , ↓ ” to select “**Reset Data**”, press “**OK”** to enter the sub menu.



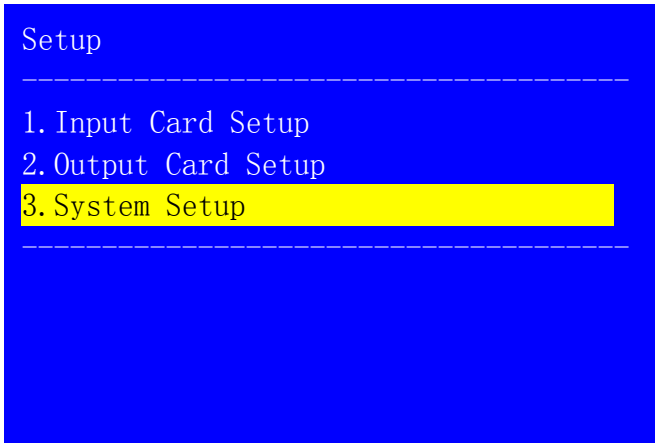
On the sub menu of “**Reset Data**”, press “**OK**” to reset.



Notice: sometimes when users change output cards by themselves, the data of new output cards might be inconsistent with that saved by the system. "**Reset data**" will restore the data of new output cards to the factory default. The operation is only valid for a single output card, so it won't affect the data of other output cards.

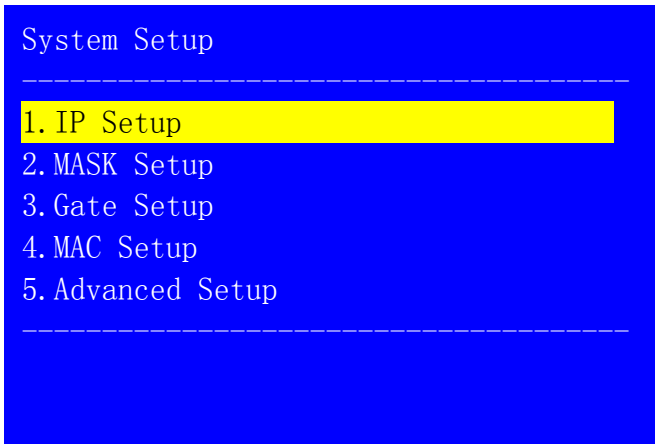
7-3 System setup

Press "**Setup**" on front panel to enter "user settings", press " ↑ , ↓ "to select "**System Setup**", press "**OK**" to enter the sub menu.

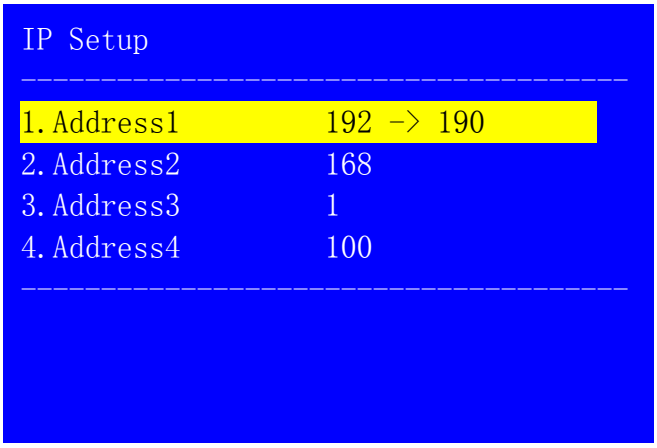


1.IP address

On the menu of "**System Setup", press** " ↑ , ↓ " to select "**IP Setup**", press "**OK"** to enter the sub menu.

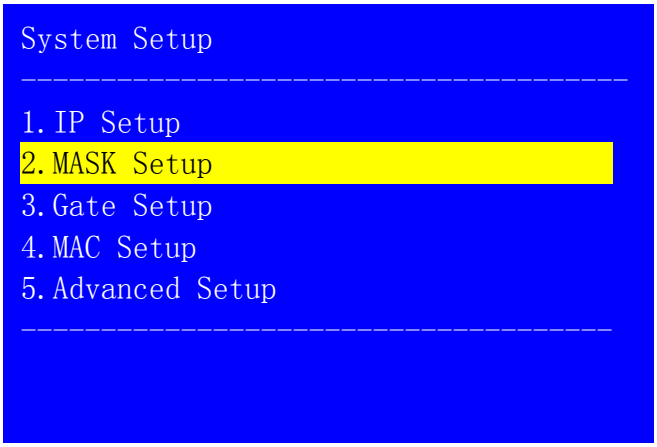


Press " ↑ , ↓ " to select the setting, turn the knob to ajust, and press "**OK**" to confirm.

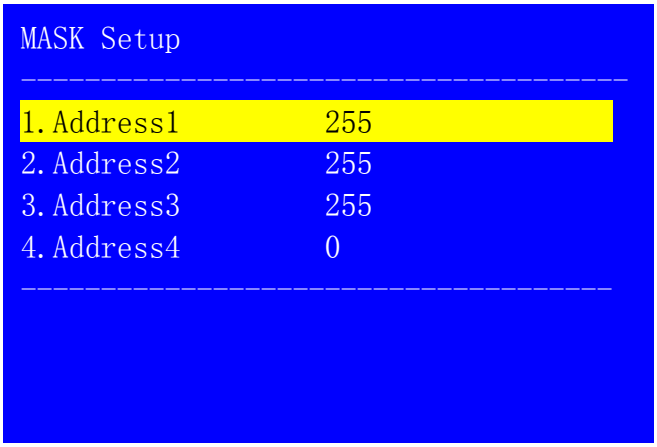


2. Subnet mask address

On the menu of "**System Setup**", press " ↑ , ↓ " to select "**MASK Setup**", press "**OK**" to enter the sub menu.

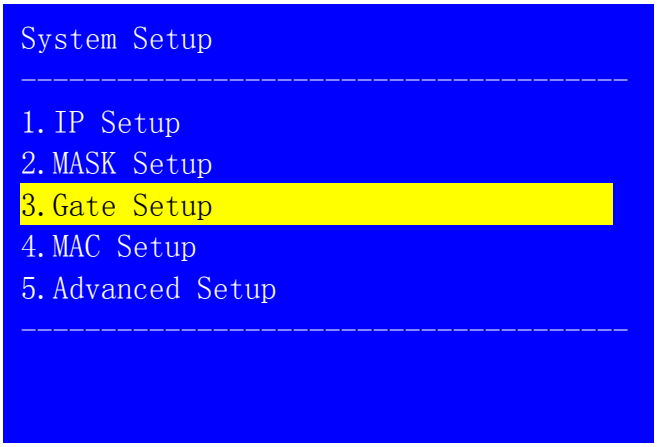


Press " ↑ , ↓ "to select the setting, turn the knob to ajust, press "**OK**" to confirm.

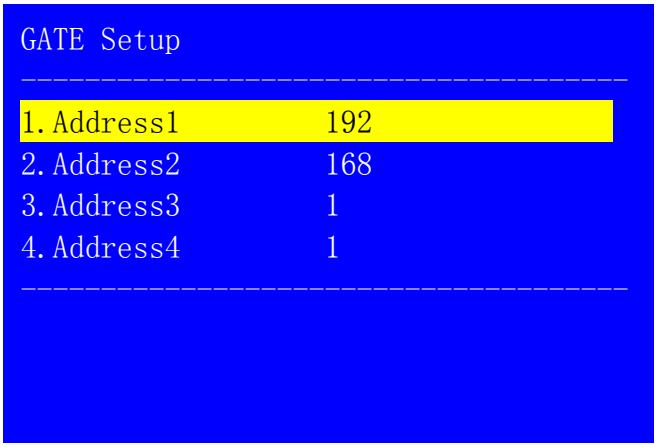


3. Gateway address

On the menu of “**System Setup**”, press “ ↑ , ↓ ”to select “**Gate Setup**”, press “**OK**” to enter the sub menu.

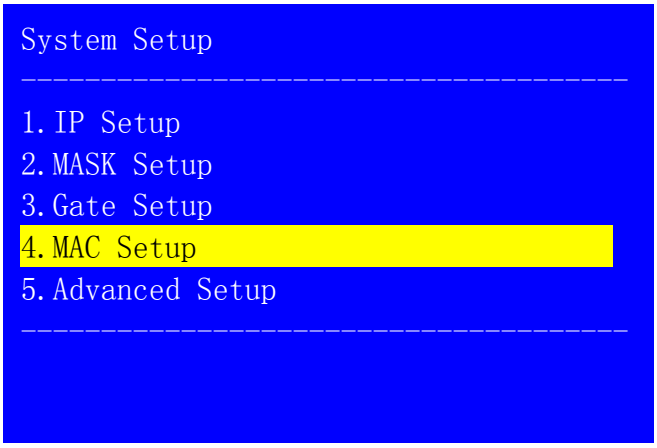


Press “ ↑ , ↓ ”to select the setting, turn the knob to ajust, press “**OK**” to confirm.

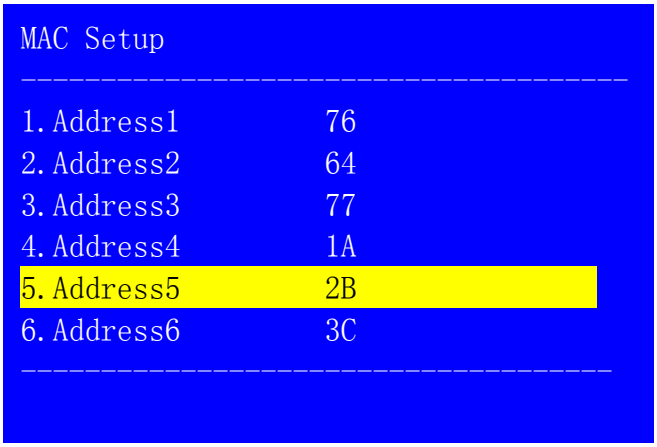


4.MAC

On the menu of “**System Setup**”, press “ ↑ , ↓ ”to select “**MAC Setup**”, press “**OK**” to enter the sub menu.

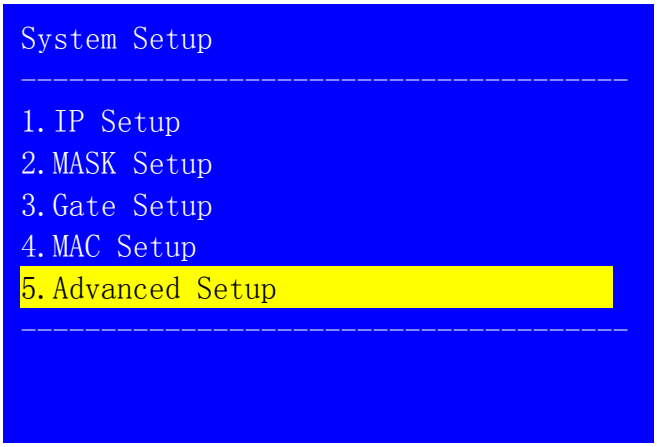


Press " ↑ , ↓ "to select the setting,turn the knob to ajust, press "**OK**" to confirm.



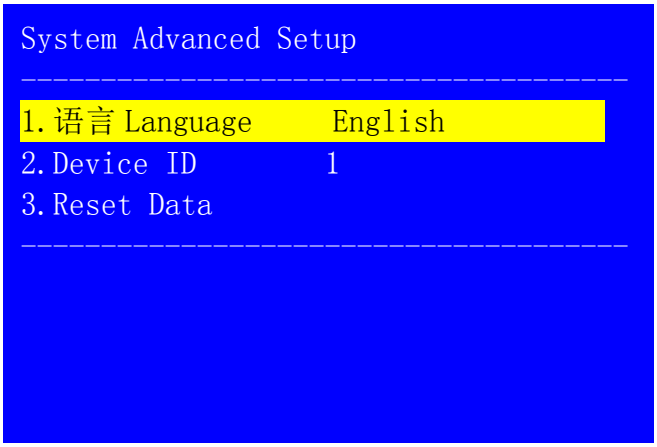
5. Advanced setup

On the menu of "**System Setup**", press " ↑ , ↓ "to select "Advanced Setup", press "**OK**" to enter the sub menu.



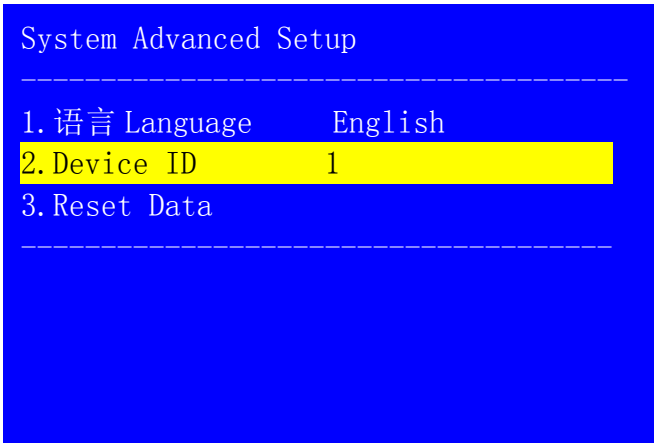
- **System language**

On the menu of “**System Advanced Setup**”, press “ ↑ , ↓ ”to select “ 语言 **Language**”, turn the knob to ajust, press “**OK**” to confirm. You can select English or Chinese as system language.



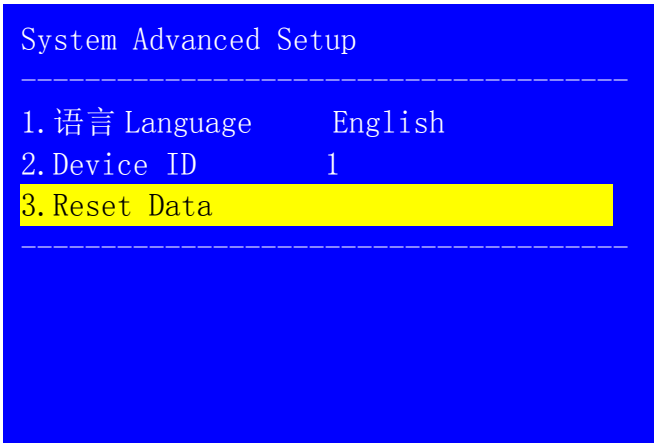
- **Device ID**

On the menu of “**System Advanced Setup**”, press “ ↑ , ↓ ” to select “ **Device ID**”, turn the knob to adjust, press “**OK**” to confirm.

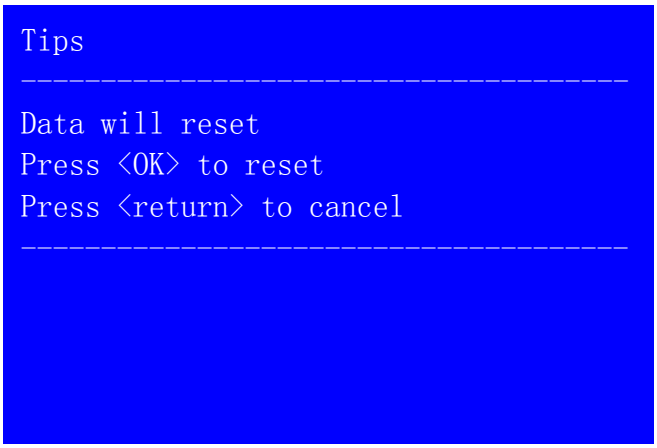


- **Reset data**

On the menu of “System Advanced Setup”, press “ ↑ , ↓ ” to select “ Reset Data”, press “**OK”** to confirm.



On the sub menu of “ Reset Data”, press “**OK”** to reset.



Notice: “Reset Data” will restore all the system data to the factory default. Normally it is not suggested to use.

Chapter8. Copyright information

This manual is provided for reference only, VDWALL reserves right to change the product appearance, dimensions and specifications from time to time without notice to users.