For Business Use

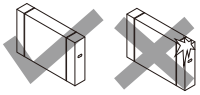
User's Manual for LCD Monitor

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.

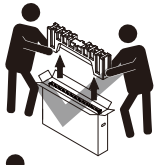
Precautions in Handling, Installing, and Maintaining a Digital Information Display (DID)

Unpacking Precautions

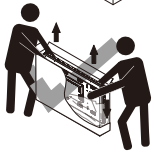
- Before unpacking, check whether there is any damage to the outer packaging box. If there is any damage, please contact the manufacturer.



- After the carton is unpacked, two workers shall cooperate to take out the polystyrene (or PE foam) parallelly.



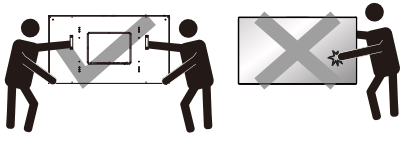
- Grip the handle with one hand and press the packaging bag with the other hand, and then take the DID out slowly in the upward direction.



Notes for Handling

- Check if the packing carton is broken, remove the packing carton and the packing bag; two persons are required to handle it, with one hand holding the handle of the back cover, the other hand holding the bottom of the splicing screen.

> ⚠ The packing bag shall be removed before moving the splicing screen.
>
> ⚠ Do not grasp the glass panel or four edges of the DID.



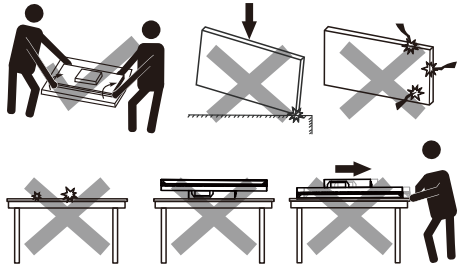
- Always maintain the DID at the same height during handling, and lift or place it vertically and gently. Do not remove the protective tapes on the four edges of the DID.

> ⚠ Do not keep the screen flat when moving it.

Installation Precautions

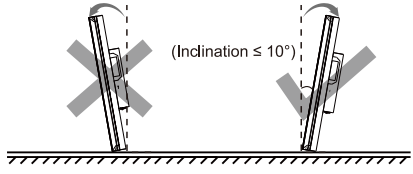
- Turn over the splicing screen, and place it onto a flat workbench cushioned with buffer foam, with its glass panel facing down. Before placing the DID, be sure to check and clear any foreign objects on the buffer foam to prevent scratches on the glass panel or prevent any hard objects from pressing or cracking the glass panel.

> ⚠ It is prohibited to leave the splicing screen outside the original package without protective measures as it may drop and cause damage.
>
> ⚠ The glass panel should not face upward, otherwise, the black gum may fall off from the front frame and cause light leak.
>
> ⚠ It is prohibited to drag the splicing screen on the foam, at it may distort the front frame.



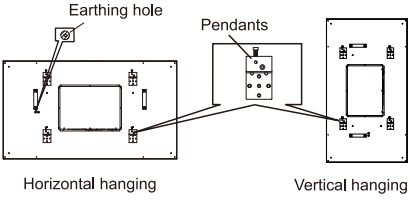
- Do not let the DID tilt to prevent breaks or deformation of the front frame. If the DID needs to be placed in a tilted manner in particular cases, please tilt it towards the back cover. (Inclination ≤ 10°)

> ⚠ Incline toward the glass face is prohibited so as to prevent glass damage and front frame distortion.
>
> ⚠ While lifting up or lowering down the splicing screen, it is prohibited to support it on the glass edge.

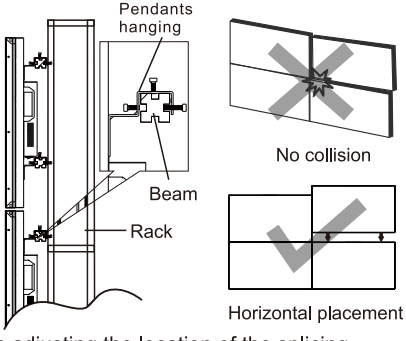


- Attach pendants onto the holes at the back of the splicing screen.

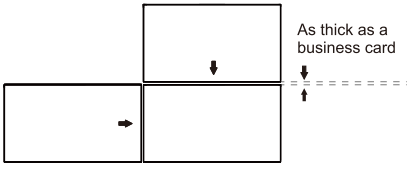
> ⚠ Avoid overload on the back of the splicing screen.



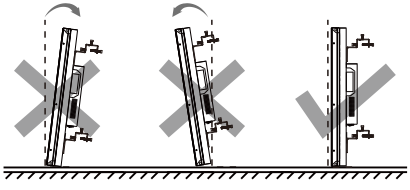
- Install the splicing screen with pendants onto the fixed rack; parallel placement is required to avoid collision. For some models, the four edges of the DID have protective tapes, which need to be removed during installation. (The mounting rack adopts high-strength materials to prevent deformation.)



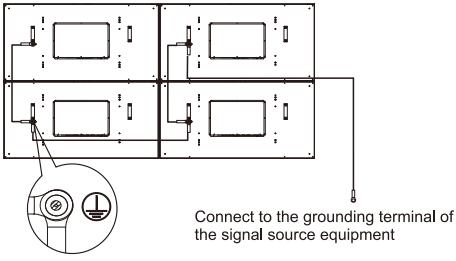
- When adjusting the location of the splicing screens, keep a clearance to allow a business card to pass. Smaller clearance may damage the glass screen or cause abnormal display.



- The splicing screen must be installed upright, otherwise, it may get squeezed and cause light leak.

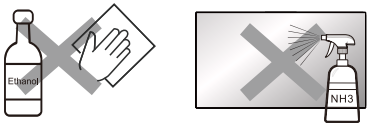


- Once the splicing wall is installed, connect the earthing holes in series with an earth wire, and connect them to ground, so as to prevent damage to the splicing screen due to static electricity or abnormal voltage.



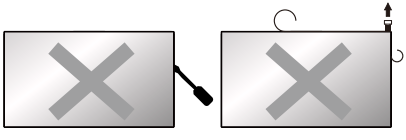
Maintenance Precautions

- Do not use volatile substances such as sprays, solvents and diluent on the case. Do not use alcohol, solvent, or liquid containing ammonia to clean the screen.



- To prevent ghosting, the following operating conditions are recommended:
  a. Periodically change the display contents from static images to dynamic images.
  b. Periodically adjust the background colour and image (character) colour.
  c. Prevent adopting a combination of high-contrast colours and contents for the background and characters.

- The operating environment must be dustproof. Do not remove the screws, stickers, and adhesive tapes on the edge of or inside the DID.



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Features

- The IPS hard screen is clear, fluid and realistic, significantly reducing eye irritation and fully meeting health requirements.
- The color is true, the picture is bright ,saturated and natural.
- Support HDMI,DP signal input, monitoring image more clear, suitable for a variety of professional applications.
- Use automatic color and image enhancement processor, picture quality optimization,fine detail display Processing.
- Open cooling design, the machine is light and thin.

Safety Information

The display unit of the LCD monitor is designed in line with safety standards. However, improper use may result in electric shocks, fire accidents, and even personal injury and property damage. In order to prevent potential dangers,ensure your safety and extend its service life, make sure the following notes are carefully read and complied with prior to installation, use and cleaning of the product.

- Carefully read all instructions and nameplate labels before use, and keep the User Manual for further use.
- In any of the following cases, remove the power plug from the socket and consult with the service personnel.
  a.The power cord or plug is damaged or worn;
  b.The shell is damaged or the product falls accidentally;
  c.Obvious abnormality occurs after you operates it pursuant to the User Manual;
  d.Foreign objects or liquid enter the product;
  e.Abnormal noise or smell;
- Do NOT open the shell as high voltage is inside and it contains no user serviceable parts. Refer the servicing to qualified service personnel.
- Keep away from direct sunlight, moisture, high/low temperature and ensure good ventilation.
- Keep away from flammable and explosive materials.
- Avoid blocking the vents.
- Do NOT place the product in a confined space unless well-ventilated.
- Route the power cord to avoid being tramped or crushed.

- Properly insert the power plug to the socket, otherwise a fire accident may result.
- Connect to the mains supply, and avoid connecting to a circuit with high-power devices like an elevator. Use a voltage stabilizer under circumstances with unstable voltage like a metro station as unstable voltage may damage the product.
- Do NOT plug/unplug with wet hand, otherwise electric shock may result.
- Do NOT operate within 2 minutes after power off since instantaneous discharge is present.
- Do not touch the signal connectors with a sharp object or metal, or insert it into the vent, otherwise short circuit, product damage or electric shock may result.
- Do not knock, crush, and scratch the LCD screen.
- Handle with care and hold the handle while moving the LCD screen to avoid falling or impact.
- Remove the power cord before cleaning. Use soft cloth to clean the shell. Do not use any detergent, spray detergent, alcohol, solvent or liquid containing ammonia to clean the screen.

Connection

Packing list

The following articles are included:

LCD monitor×1

User Manual ×1

Remote control ×1

Angle iron for splicing ×2

1.5m power cord ×1

RJ45 to RS232 cable ×1

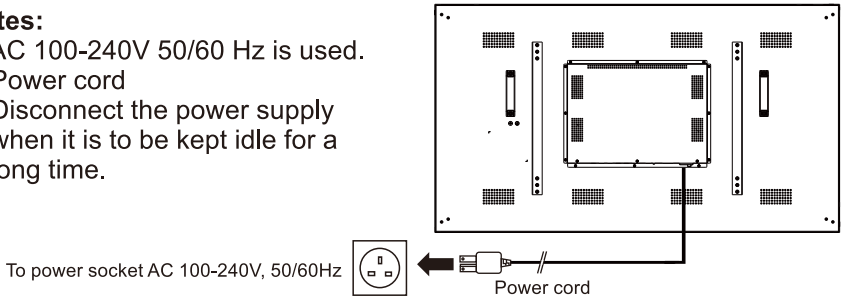
1.8m DP cable ×1

IR receiver cable ×1

Power Requirements

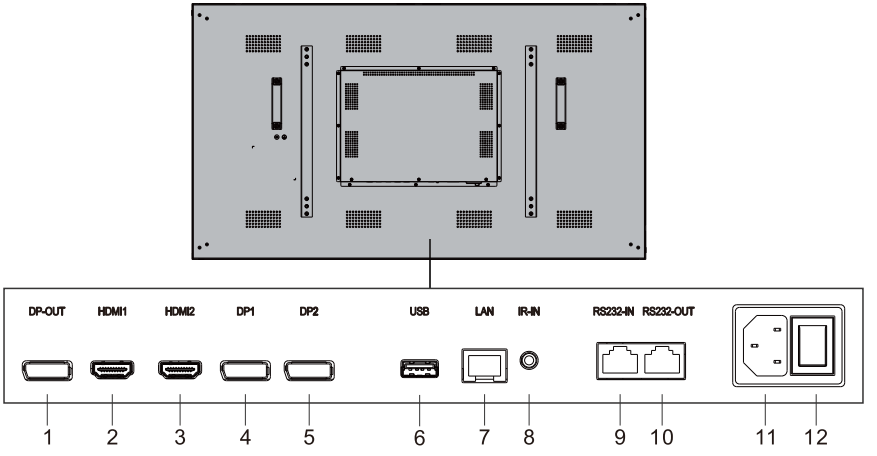
Notes:

1. AC 100-240V 50/60 Hz is used. Power cord
2. Disconnect the power supply when it is to be kept idle for a long time.



Connection

Ports



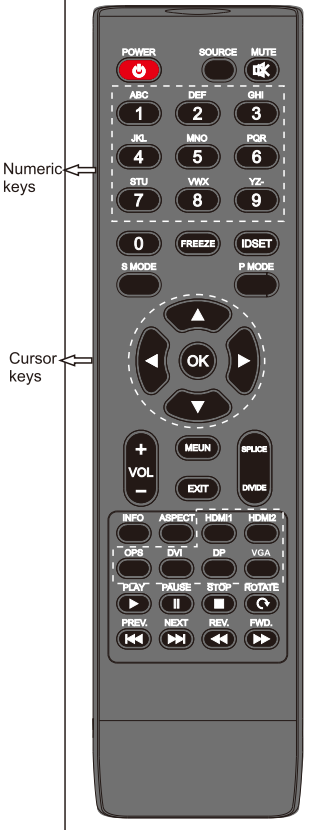
Signal port	Description	Signal port	Description
1	DP-OUT port	7	LAN port
2	HDMI1 input port	8	IR-IN port
3	HDMI2 input port	9	RS232-IN port
4	DP1 input port	10	RS232-OUT port
5	DP2 input port	11	Power port
6	USB2.0 port	12	ON/OFF switch

Notes

- Signals input via RS232-IN can be output via RS232-OUT.
- LAN input interface for transmitting system control commands only.
- HDMI1/HDMI2 input port supports the maximum resolution of 3840*2160 @60Hz.
- DP1/DP2 input port supports the maximum resolution of 3840*2160@60Hz.
- DP-OUT port supports the output of signals input via HDMI/DP ports.
- To obtain sound display effect, it is recommended to use the provided wires or wires of a well-known brand.

Remote Control

Keys



Key	Function
POWER	Power on/switch to standby
SOURCE	Open/close the source list
MUTE	Mute or not
NUMERIC KEYS	Input digits
STILL IMAGE	No function
ADDRESS	Set address
SOUND MODE	Voice mode switch key
PICTURE MODE	Quickly switch the image mode
CURSOR KEYS	Select up, down, left and right directions
OK	Confirm the current operation
VOL+/-	Adjust the volume
MENU	Show/hide the main menu
EXIT	Exit the current operation
COMBINE	One-key full screen display
DECOMPOSE	One-key single screen display
INFO	View current signal information
RATIO	Switch the aspect ratio of screen
HDMI1/HDMI2 DVI/DP/VGA	Quickly switch to the designated source
OPS	No function
PLAY (▶)	No function
PAUSE (⏸)	
STOP (■)	
ROTATE (↻)	
PREVIOUS (⏮)	
NEXT (⏭)	
FAST REWIND (◀◀)	
FAST FORWARD (▶▶)	

Remark: When the product is different from the picture, the product prevails.Press the DVI key on the remote controller to quickly switch to DP1 source, press the DP key on the remote controller to quickly switch to DP2 source, and press the VGA key on the remote controller has no effect.

Operation Instructions

Startup

Connect the power plug to the power socket, the monitor will be on automatically.

Standby

Press the Standby key on the remote control, the monitor goes to Standby.

★Tips

The product is environment-friendly:

①If no signals are detected in 5 minutes after startup, it enters the Standby mode;

②It enters the Standby mode when it reaches the time to switch off;

③Power plug must be removed when the complete power-off is needed.

Selecting Signal Source

1. Press the “SOURCE” key on the remote control, the Signal Source menu appears;
2. Press Left/Right arrow keys on the remote control to select a signal source, such as HDMI1, HDMI2, DP1 and Dp2;
3. Press the OK key on the remote control to confirm.

Menu Operation

Press the Menu key on the remote control, the main menu appears:

1.Press the Up/Down arrow keys on the remote control to select a menu, like Lumimance, Color, OSD Settings, Setup and Vide Wall.

2.Press the OK key on the remote control to enter category menu.

3.Press the Up/Down arrow keys on the remote control to select sub menu than press the OK key on the remote control to enter sub menu.

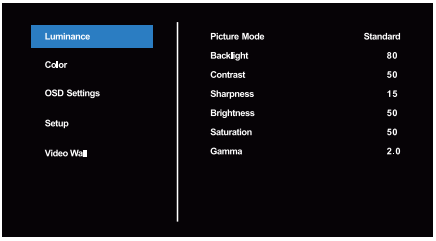
4.Press the Left/Right arrow keys on remote control to change the value, then press the OK key on the remote control to confirm and return previous menu.

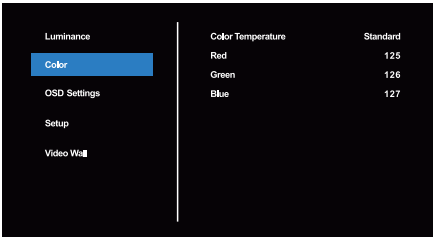
5.When the main menu is present on the screen, press the Menu key to exit; when a submenu is present on the screen, press the Menu key to return to the previous menu.

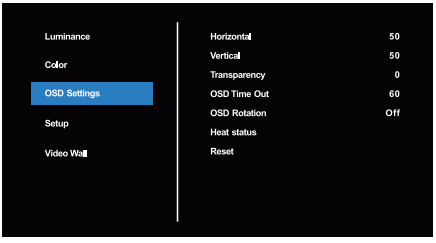
6.Press the Signal Source key, the Signal Source menu appears, press again to exit.

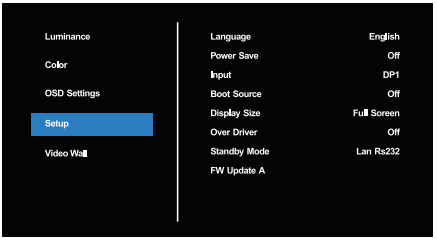
7.During menu operations, the grey options are inaccessible.

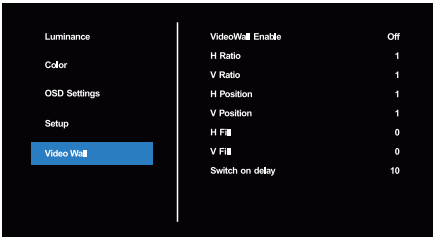
Operation Instructions











Item	subitem	description
Luminance	Picture Mode	Standard, Bright, Soft, User Define
	Backlight	Set backlight from 0 to 100
	Contrast	Set contrast from 0 to 100
	Sharpness	Set sharpness from 0 to 15
	Brightness	Set brightness from 0 to 100
	Saturation	Set saturation from 0 to 100
	Gamma	1.8, 2.0, 2.2, 2.4
Color	Color Temperature	Warm, Standard, Cool, User Define
	Red	Set the red value of color temperature from 0 to 255

Operation Instructions

Item	subitem	description
Color	Green	Set the green value of color temperature from 0 to 255
	Blue	Set the blue value of color temperature from 0 to 255
OSD Setting	Horizontal	Set the horizontal position of OSD from 0 to 100
	Vertical	Set the vertical position of OSD from 0 to 100
	Transparency	Set the transparency of OSD from 0 to 4
	OSD Time Out	Set the OSD display time from 5s to 60s
	OSD Rotation	Set the OSD display angel:Off, 90°/180°/270°
	Heat status	Display the working temperature of the main chip
	Reset	Yes/No
Setup	Language	Select different language
	Power Save	Off, 30s, 45s, 60s, 3min, 5min
	Input	Select different inputs
	Boot Source	Setting the default source of power on
	Display Size	Set display size to 4:3 or full
	Over Driver	ON/Off
	Standby Mode	No Work, Rs232, Lan Rs232
	FW UpdateA	USB FW update(disable by default)
Video Wall	VideoWall Enable	Enable/disable videowall setting, only enable can adjust below parameters
	H Ratio	The maximum number of rows of splicing
	V Ratio	Set max columns of video wall
	H Position	Set current row
	V Position	Set current column
	H Fill	Set horizontal seam size
	V Fill	Set vertical seam size
	Switch on delay	Set startup delay time: 0-10s

Remark: Menu options may vary at different models and signal sources, and are subject to the actual situation.

Troubleshooting

Follow the solutions below to solve these common problems, and contact us if the problem persists.

Problems	Possible causes	Solutions
The Power indicator does not come on	A. the monitor is not powered on	A. Check if the power cord is connected, and switch ON the monitor.
The Power indicator is on, but no image is displayed	A. The Video wire is detached or connected improperly B. No video signal input	A. Connect or replace the video wire,and ensure proper and correct connection; B. Check the signal source, andcheck if it is properly connected at the output end.
Image jerking or ripple	A. There exists an electric device that interferes with the video signals;	A. Turn off the electric device, or relocate the monitor.
Dim or extremely bright screen	A. Low or high brightness/ contrast;	A. Check the brightness/ contrast settings, or restore to default settings.
Color difference	A. Improper chromatic saturation; B. Improper RGB values or color temperature;	A.Check the chromatic saturation; B.Adjust the RGB values or reset the color temperature; C.Restore to default settings.
Image distortion	A. Improper aspect ratio;	A.Reset the aspect ratio.
No sound	A. the Audio wire is detached or connected improperly; B. It is mute;	A.Ensure proper connection at the input end; A.Reset the volume.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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LCD MONITOR - MATRIX LOGIC

(H Position, V Position)

(1,1)	(2,1)	(3,1)
(1,2)	(2,2)	(3,2)
(1,3)	(2,3)	(3,3)

WARNING
DO NOT USE THE ALIGNMENT BRACKETS IF YOU ARE MOUNTING YOUR LCD VIDEO WALL WITH *POP OUT MOUNTING BRACKETS*.

DOING SO CAN LEAD TO DAMAGE TO YOUR LCD MONITOR.

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

V1.0