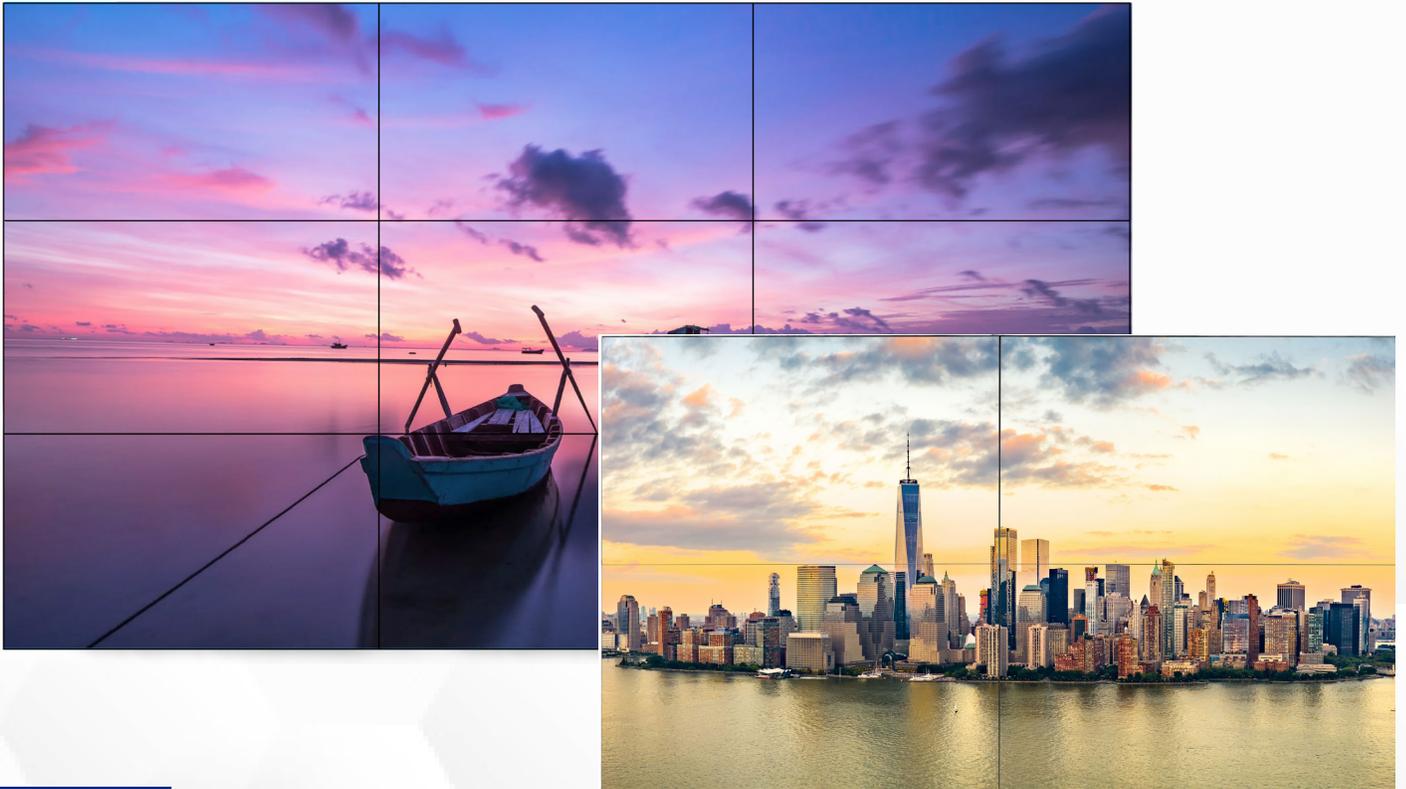




DISPLAYS2GO
CONNECTING PEOPLE & BRANDS WITH THE WORLD



55" Ultra Narrow Bezel LCD Video Wall

USER MANUAL

SKU: VWUNB2255 (2x2 Configuration), VWUNB3355 (3x3 Configuration)

FCC ID: 2ASCB-VWUNB2255

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes/modifications to this equipment not approved by the party responsible for compliance could void the user's authority to operate the equipment.



Thank you for purchasing this product from Displays2go.

It's our mission to help you connect with the world and build your brand with products that are personalized to your needs.

Your product has been manufactured with great care using only the finest quality materials and expert workmanship. Our Quality Assurance team inspects all electronics during assembly process to assure reliable operation. This product comes with a 12-month warranty. Scan the QR code to visit the product page and learn more about your warranty.

Need assistance? We are available for expert advice and all of your customer service needs.



Chat Us
[DISPLAYS2GO.COM](https://displays2go.com)



Email Us
[INFO@DISPLAYS2GO.COM](mailto:info@displays2go.com)



Call Us
1-877-671-3388

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BEFORE USE

Safety Warnings and Precautions

Thank you for purchasing the high-performance multi-functional LED backlight Digital Signage from Displays2Go. We have considered the factors to ensure personal safety in product design and have tested rigorously at the factory. However, improper installation and use may result in electric shock and fire.

In order to safely use, maximize performance of the unit and extend the life of the product, please read and follow all instructions carefully before using the product. Keep the instructions for future reference.

We strongly recommend using a surge protector, or a power strip with internal circuit breaker to prevent damages to the digital signage.

	Warning: May cause personal injury or death
	The operation is prohibited
	Caution: May cause damage or property loss



CAUTION / PRUDENCE
RISK OF ELECTRIC SHOCK DO NOT OPEN
RISQUE DE CHOC ÉLECTRIQUE NE PAS OUVRIR



If any of the following occurs:

- Power outage or instable voltage.
- Abnormal sound or smell from the unit.
- AC power cord is damaged.
- Digital Signage is damaged due to drop, knock or impact.
- Any liquid or foreign matters fall into the enclosure.



Turn off the Digital Signage immediately, pull out the plug from the power outlet, and ask the authorized personnel for maintenance timely.



If coal gas or other flammable gas leaks, do not pull out the plug of the LCD digital signage or other electrical appliances; instead, turn off the gas valve immediately, and open the doors and windows quickly.

 **WARNING**

-  • Cut off the power supply before connecting or disconnecting any cables.
- Do not place the Digital Signage on any instable positions, or else it may be damaged or cause fire.
- Do not place the Digital Signage in the positions such as:
 - The environment subject to direct strong sunlight, moisture, extreme temperature or too much dust,
 - The environment with flammable or explosive materials,
 - The environment with flammable or corrosive gases,
- Do not use damaged or inappropriate power outlets, and ensure that the plugs and outlets contact properly.
- Do not let dust or metal deposits adhere to the plugs and outlets.
- Do not damage the power cords:
- Do not modify the power cords,
- Do not place heavy objects on the power cords,
 - Keep the power cords away from heat source,
 - Do not pull the cord to remove the plug.
 - Do not connect too many plugs to one outlet in parallel, or else it may cause fire due to excessive power consumption.
- Do not approach the Digital Signage with open flame (e.g. a lighted candle), or else it may cause electric shock or fire.
- Do not put any sharp objects, metal or liquid into the vents or let them touch the signal terminals to avoid short circuit, product damage, and electric shock.
- The openings in the enclosure are designed for ventilation and cooling, to ensure long time reliable running of components inside the enclosure and prevent overheating. Do not block the openings when place the unit.



Do not touch the plugs with wet fingers, or else it will cause electric shock.



Do not use the Digital Signage in stormy weather, especially when there is lightning, instead, please disconnect the power and antenna plugs to avoid lightning strike.



Do not disassemble the Digital Signage without permission, or else it may cause electric shock or fire. Please ask qualified technician for repair.



CAUTION

- Do not let children climb onto the Digital Signage.
- Keep the small parts away from children to prevent them from swallowing.
- If the Digital Signage won't be used for a long time, please turn it off and pull out the power plug.
- To adjust the position of the Digital Signage, please disconnect all power cords and move slowly to avoid tip over.
- Do not scratch or knock the LCD with hard object, or twist and squeeze the LCD.
- Do not turn on the unit immediately when it is moved from a place with low temperature to high temperature, or else it will cause condensation and malfunction.
- Before cleaning the Digital Signage, please pull out the power plug, wipe with soft cloth, do not use industrial chemicals, prevent foreign matters from entering the machine. Improper cleaning (such as cleaning solution, water) may damage the product, erase the printed information, and even cause damage of the components if fluid flows in, resulting in machine failure.
- If the unit displays the same screen for a long time or the moving picture has fixed text or icon, it will leave ghosting on the screen and won't disappear when the unit is turned off, it is normal and isn't covered by the warranty.
- The power of the Digital Signage can be cut off by pulling out the plug.
- If the LCD screen ruptures and the liquid splashes on the skin, please rinse for 15 minutes with clean water immediately, and consult your doctor.
- To carry the Digital Signage with hands, please grab and hold the edges, do not apply pressure on the panel.
- Use the Digital Signage properly: Use in proper lighting conditions, insufficient lighting or long time watching will impair your eyesight.
- Unplug device to disconnect from power.
- Insert the plug into the outlet properly, or else it may cause sparks and fire. The technical specifications printed herein and on the packaging are subject to change without prior notice.

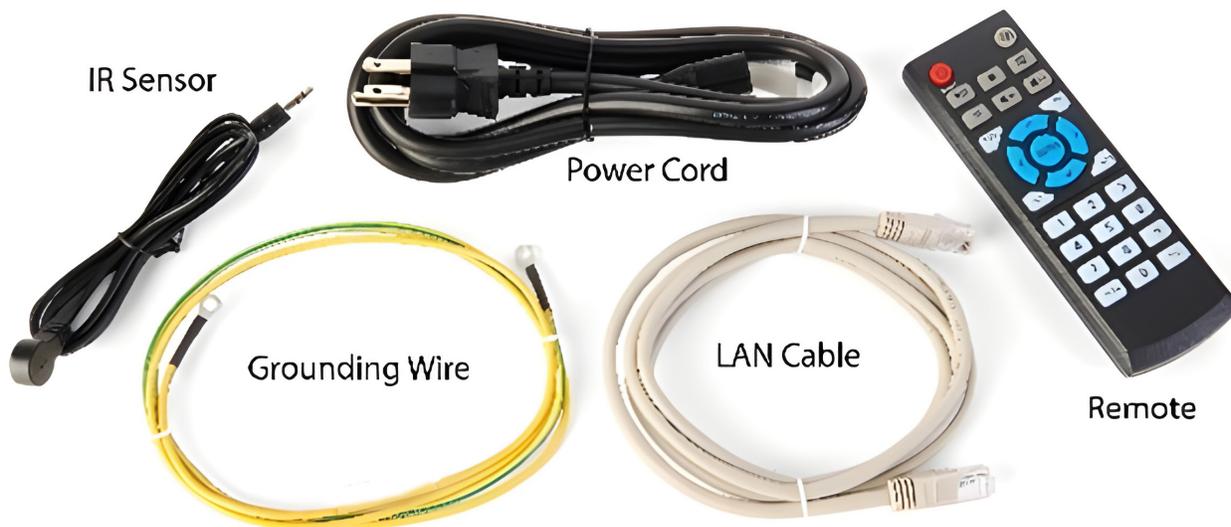
The Manual may be slightly different from actual operation, and the latter is applicable.

If you have any questions regarding our products, please visit us at www.displays2go.com or contact Displays2go customer service at 844-221-3388.

Packing List

Name	Quantity	2x2 Config.	3x3 Config.
LCD Monitor	1	4	9
IR Sensor	1	1	1
Power Cord	1	4	9
Remote	1	1	1
LAN (RS232) Cable	1	3	8
Grounding Cable	1	4	9
User Manual	1	-	-

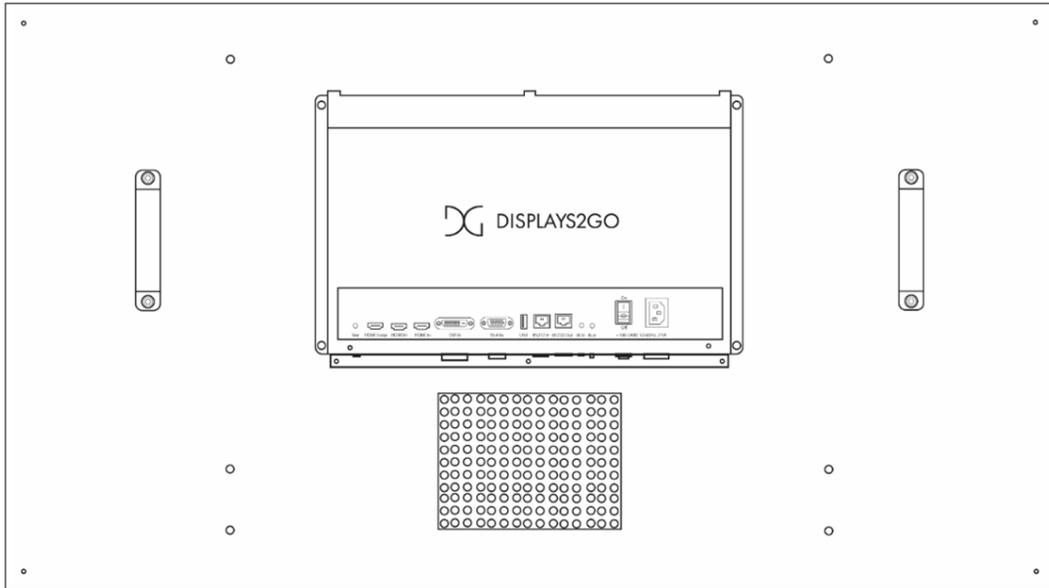
! **NOTE:** Each monitor comes packaged with qty. 1 of each accessory listed in the photo below. Not all accessories are required for the two product configurations listed above.



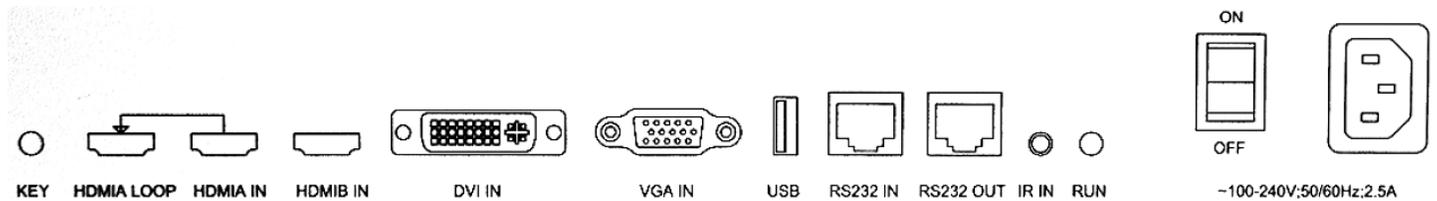
! **NOTE:** To play content an external media player is required (sold separately). If sound is required a sound bar or speakers will need to be purchased.

Appearance

This manual is intended for multiple device models. Illustrations in this manual are for reference only.



Interface Diagram



1. KEY BUTTON - Used to customize functions.	2. HDMI LOOP (OUT) Outputs HDMI signals to the next splicing display unit in the loop.
3. HDMI IN - Receives HDMI signals.	4. DVI IN - Receives DVI signals.
5. VGA IN - Receives VGA signals.	6. USB - Connects a USB device.
7. RS232 IN - RJ45, connects to a PC.	8. RS232 OUT - RJ45, connects to the next splicing display unit in the loop.
9. IR IN - Infrared extension cable interface.	10. RUN - Indicates operation status.
11. ON / OFF SWITCH	12. AC-In - Connects Power AC 100~240V / 50~60Hz

Screen Connection

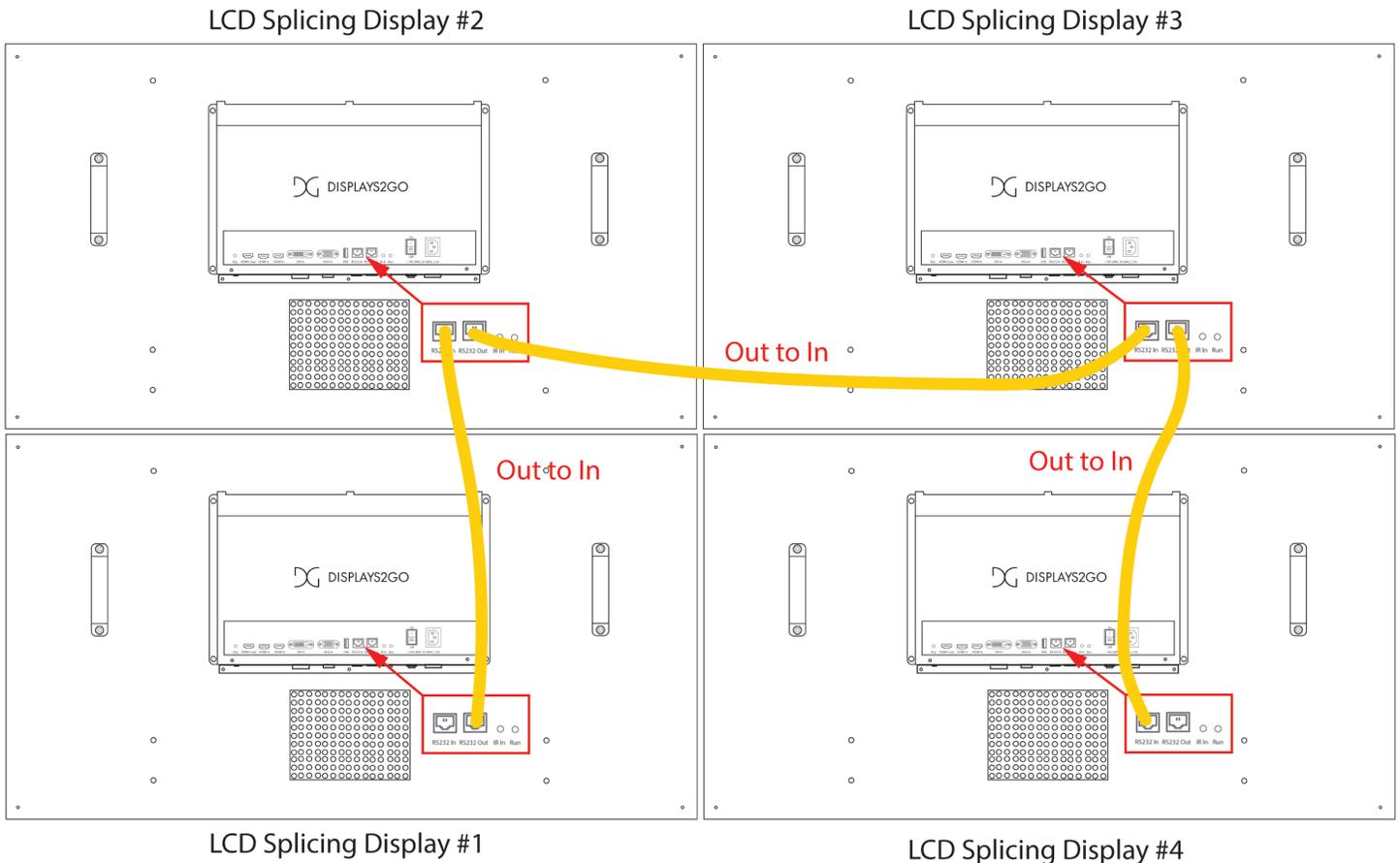
 **CAUTION:** Professional installation strongly recommended.

RS232 (LAN) Connection

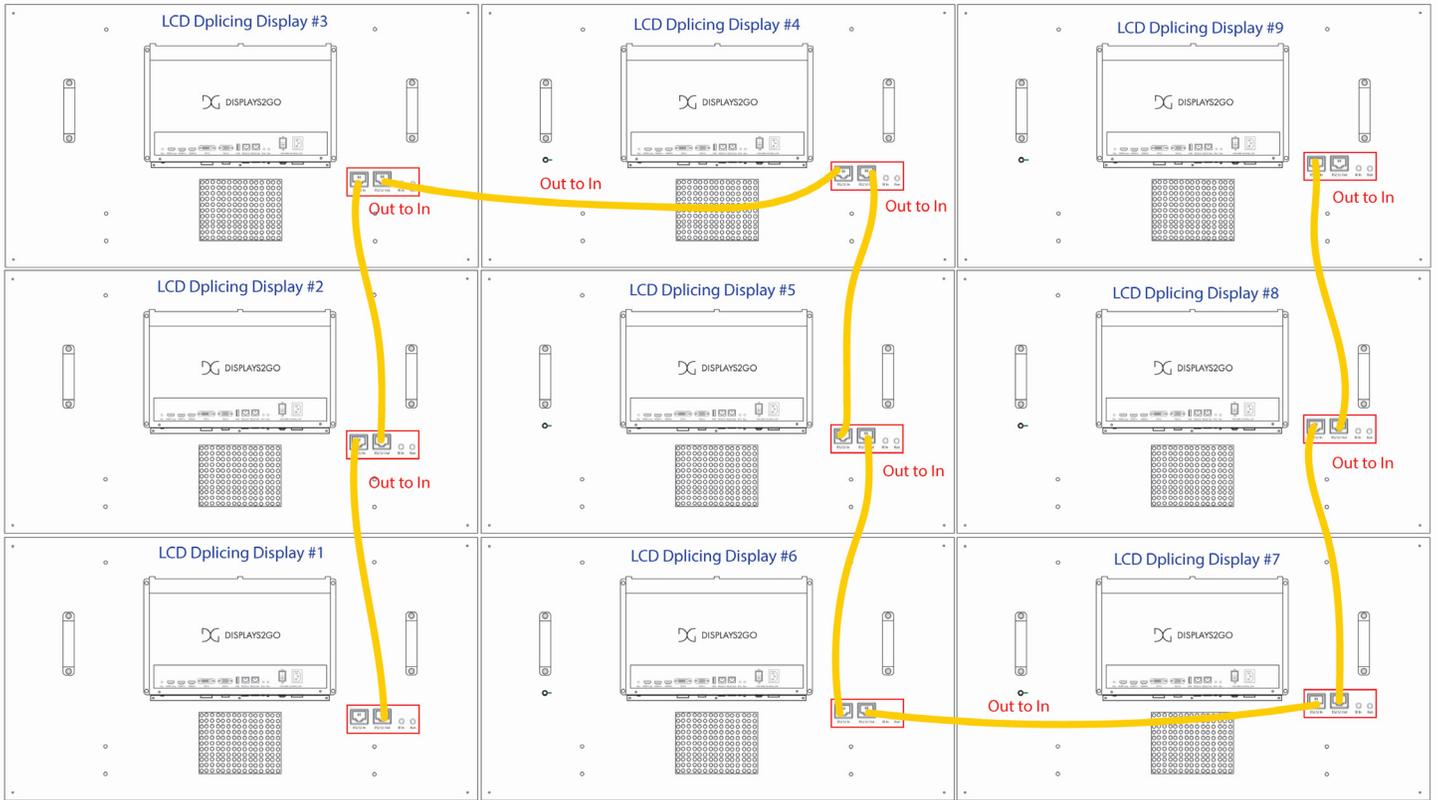
Display units are connected through RS232 (LAN) connectors and connected to a network through an RJ45 connector. The following figure shows the connection of four display units through RS232 (LAN) connectors in serial mode: Use serial cables to connect RS232 (LAN) output port of display unit 1 to RS232 (LAN) input port of display unit 2, RS232 (LAN) output port of display unit 2 to RS232 (LAN) input port of display unit 3, and RS232 (LAN) output port of display unit 3 to RS232 (LAN) input port of display unit 4. Then, the four display units are connected in serial mode.

After they are connected, use a remote control to control all the display units. Insert the connection cable of the remote control to the RS232 (LAN) input port of display unit 1, and control one or all the display units using the screen selection function on the remote control.

2X2 CONFIGURATION



3X3 CONFIGURATION



IR Sensor

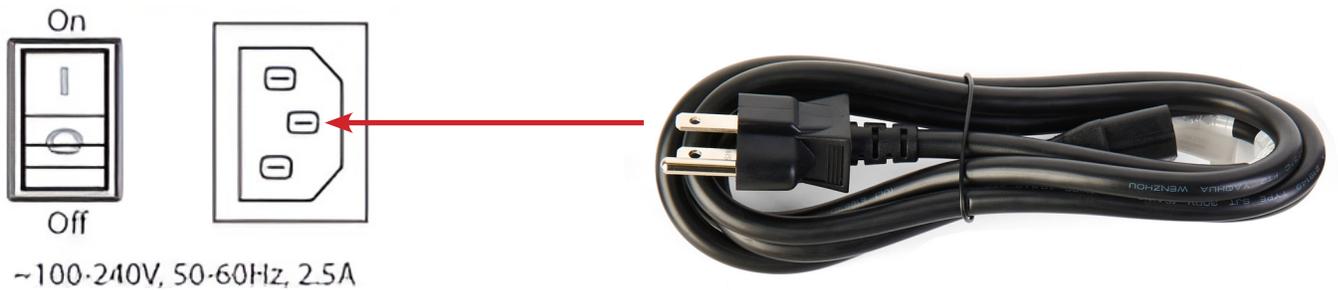
Plug IR sensor into IR-In port.



Power Cord

CAUTION: Disconnect the power plug before assembling or disassembling the unit!

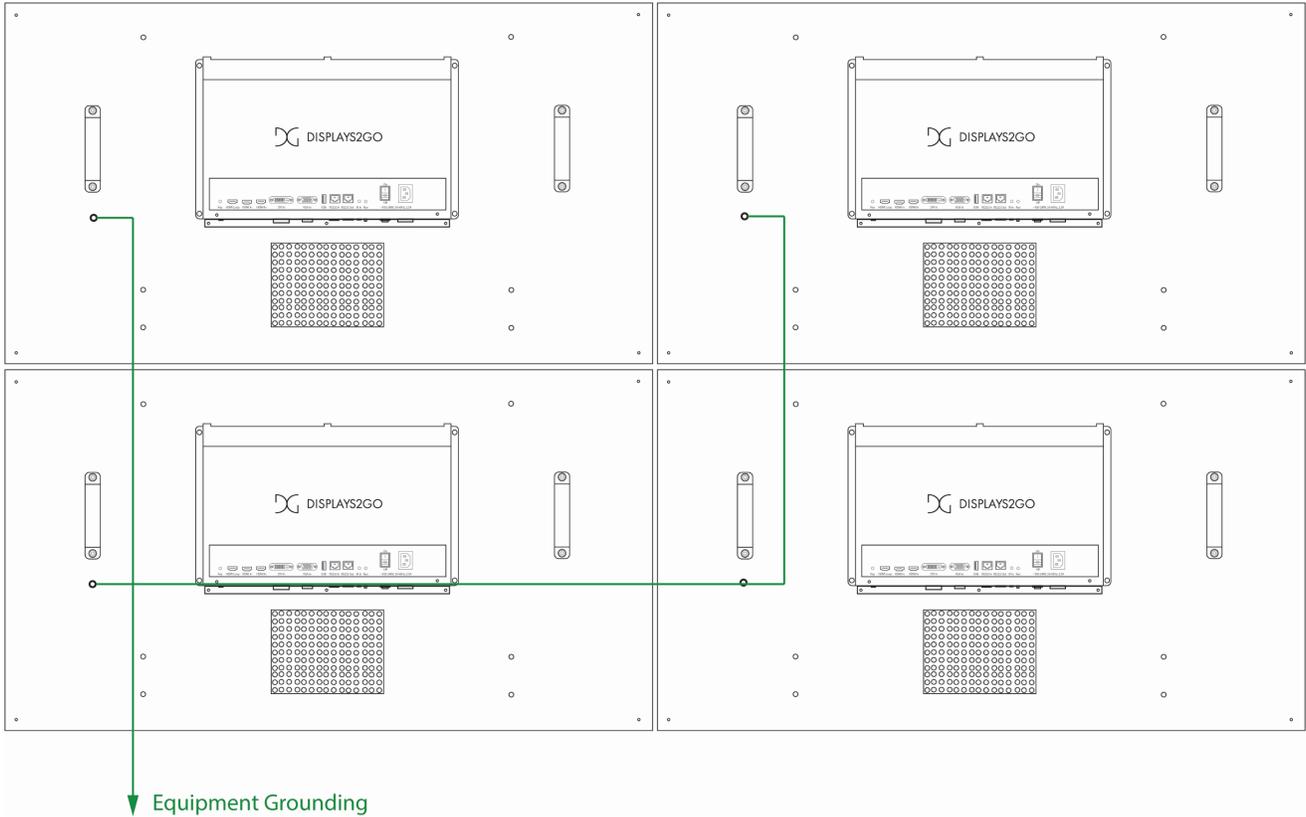
Plug power AC-In port. Only once installation is complete, flip the I/O switch to power on the unit.



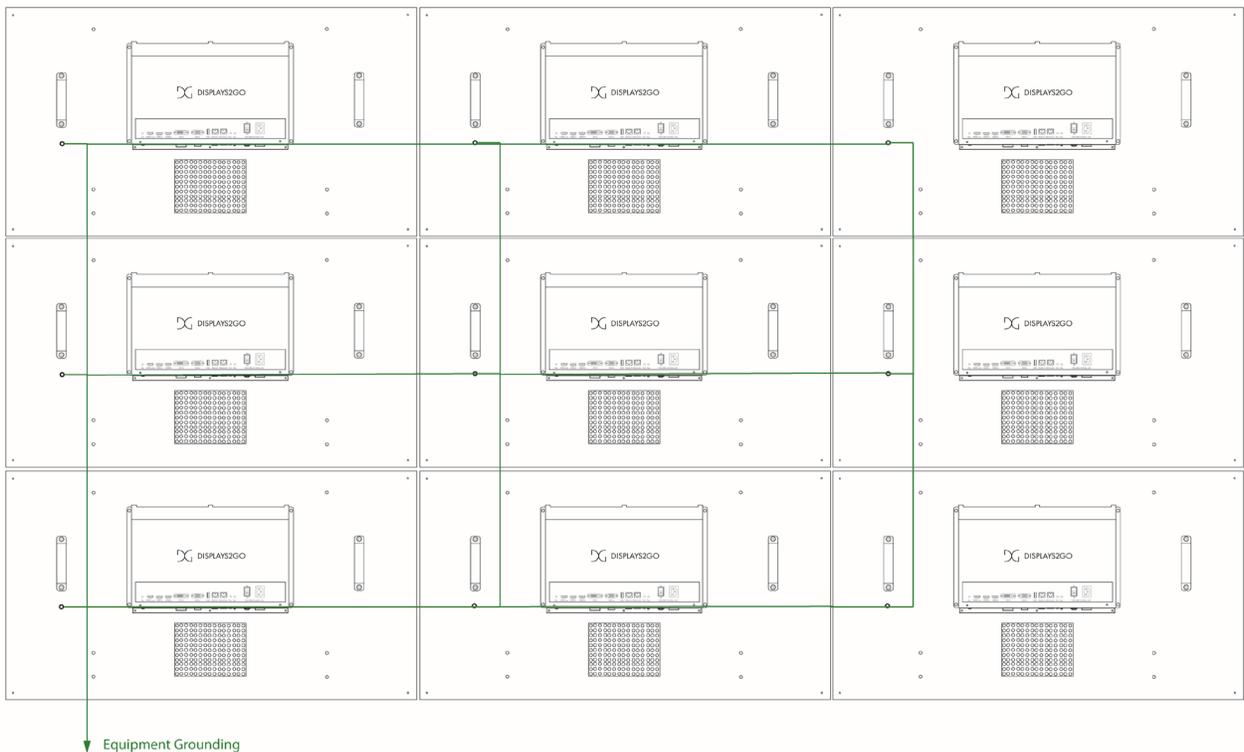
Grounding Wire

Attach the grounding wires in the following pattern for both 2x2 and 3x3 installation (2x2 configuration shown in example below).

2X2 CONFIGURATION



3X3 CONFIGURATION



OPERATION

Power On/Off

- **Power on** by inserting the power cord into unit and connecting to outlet.
- **To turn the screen on or off**, press the  power button on the remote control.
- **To shut down**, press the  power button on the remote control, then unplug the unit.

Remote Control



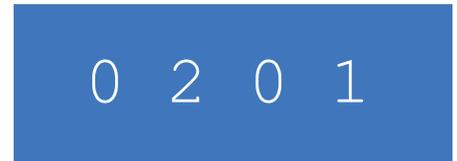
 **NOTE:** The position of certain buttons on the remote control may be different.

Splice Settings

Select LCD Splicing Display Unit

Each LCD splicing display unit has a unique ID. Before performing business operations on the specified screen through the remote control, you need to select the ID of the LCD Splicing Display Unit to be controlled, otherwise all the ring screens will respond. The large screen that is not selected does not respond to the buttons except for the ID selection and ID setting keys.

1. Press <SEL> of the remote control to display the ID of each LCD splicing display unit on the screen.
2. Select the ID of the LCD Splicing Display Unit to be controlled through the numerical key of the remote control.



Set The LCD Splicing Display Unit ID

When splicing for the first time, you need to set the "native ID" to ensure that the ID of each LCD Splicing Display Unit in the splicing screen is unique.

1. Press <SEL> on remote to show LCD Unit Number onscreen.
2. Press <IDSET> on the remote control. The Row ID, Column ID and random identification number appear onscreen.
3. Use the number pad to enter the Rand Num (random identification number).

Rand Num		65754
Row ID		1
Col ID		1

4. Scroll to Row ID with the up / down directional keys. Use the left / right directional keys to adjust the value. The Row ID number determines which row the screen is located in for correct display of stretched images.
5. Scroll to Col ID with the up / down directional keys. Use the left / right directional keys to adjust the value. The Col ID number determines which column the screen is located in for correct display of stretched images.
6. Once finished, press <Enter> on the remote control.

! **NOTE:** The row and column Numbers are the first and second halves of the LCD splicing display unit ID, respectively.

Select Video Access Source

1. After selecting the LCD Splicing Display Unit to be controlled, press < SIGNAL SOURCE > on the remote control.
2. Use the up and down keys to select the required video access source (the background is shown in green after being selected).
3. To confirm, press < ENTER > on the remote control.

Switch Tabs

1. After selecting the LCD Splicing Display Unit to be controlled, press the < MENU > of the remote control.
2. Use the left / right directional keys to switch tabs.

! **NOTE:** After a TAB completes the configuration of an option, press the <MENU> of the remote control to cancel the selection of the configuration item, and then use the left and right keys to switch tabs.

Display Settings

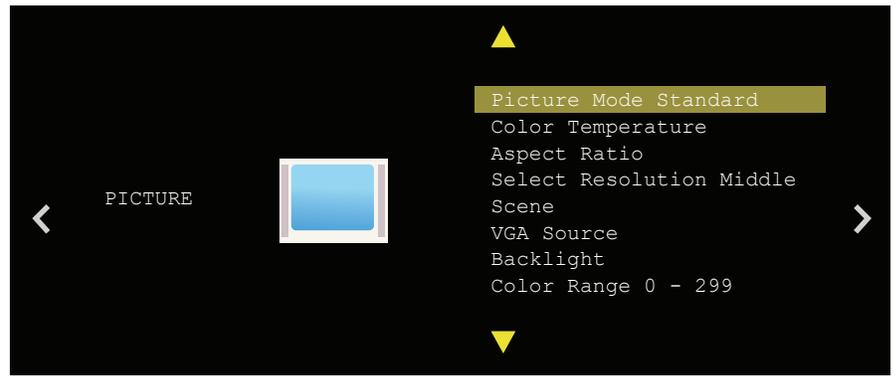
Enter the <SPLICE>, press the up and down keys of the remote control to select, and press the left and right keys of the remote control to adjust.



SPLICE SETTINGS	Monitor ID	Displays the monitor ID
	Horizontal Position	Current row position
	Vertical Position	Current column position
	Horizontal Size	The total number of rows, 1 minus 12
	Vertical Size	The total number of columns, 1 minus 10
	Power On Delay	Set the Power On Delay to avoid the impact of too large startup current on the LCD Splicing Display Unit at the same time
SEAM SETTINGS	Power On Orderly	Set seam: on/off
	Horizontal Seam	Horizontal seam adjustment (parameter adjustment range 0~30)
	Vertical Seam	Vertical seam adjustment (parameter adjustment range 0~30)
	Control Interface	Set automatic stitch compensation: on and off
COMPENSATED	Seam Switch	Set automatic stitch compensation: on and off

Picture

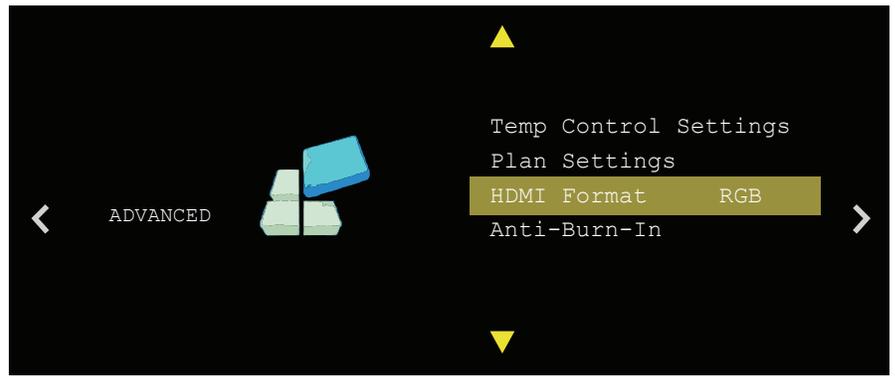
Enter the <PICTURE>, press the up and down keys of the remote control to select, and press the left and right keys of the remote control to adjust.



PICTURE MODE STANDARD		Standard	Soft	User	Dynamic
	Contrast	50	45	50	60
	Brightness	50	48	50	50
	Saturation	50	45	50	60
	Sharpness	50	50	50	60
	Tint	50	50	50	50
	Note:	Select the Picture Mode Standard , only mode User can be customized, parameter adjustment range 0~100, other modes for the standard preset values (HDMI channel contrast and brightness values in the vicinity of 50 May be fine-tuned), the default Standard .			
COLOR TEMPERATURE		Cool	Warm	User	Standard
	Red	50	60	50	50
	Green	50	50	50	50
	Blue	68	43	50	50
	Note:	Select mode Color Temperature , only mode User can be customized, parameter adjustment range 0~100.			
ASPECT RATIO	Auto, 4:3, 16:9, PointToPoint				
	Note:	Adjust the screen display ratio and display mode, which cannot be adjusted mode Splice is on.			
NOISE REDUCTION	Off, Low, Middle, High, Default				
	Note:	3D noise level adjustment, default mode Middle .			
SCENE	Normal, Eye shield, Energy Conservation, meeting, Black and white display,				
	Note:	Adjust the display to fit the scene.			

Advanced

Enter the <ADVANCED>, press the up and down keys of the remote control to select, and press the left and right keys of the remote control to adjust.



TEMPERATURE CONTROL SETTINGS	System Temp	Displays the current display temperature
	Fan Set	Set fan on, off and auto
	Temp Alert	Set alarm temperature
	Alarm Action	Set high Temp Alarm, display alarm information or standby
PLAN SETTINGS	Choose Plan	Plan Select plan number, number 1-10
	Save Plan	Save Current
	Load Plan	Load Plan
HDMI FORMAT	Displays HDMI video source format	Only works on HDMI channels
ANTI BURN IN	On/Off	Set the screen anti-burn On/Off

REFERENCE

Technical Specifications

DISPLAY	Diagonal Size (inches)	55"
	Backlight	LED (Direct type)
	Physical Seam	1.7mm
	Resolution	1920 x 1080
	Color	16.7M
	Brightness	500cd/m ²
	Contrast	4000:1
	Response Time	8 ms
	Viewing Angle	Horizontal 178°, Vertical 178°
INTERFACE	Input Interface	VGA (1), DVI (1), HDMI (2)
	Loop Interface	HDMI (1)
	USB	1
	Control Interface	RS-232 IN (1), RS-232 OUT (1), IR (1)
GENERAL	Dimensions (W x H x D)	47.7" x 26.9" x 4.8" (1211.70mm×682.55mm×122.54mm)
	Power Supply	AC 100 to 240 V
	Consumption	228 W
	Weight	Net Weight:26.8Kg (59.08lb) Single Display Gross Weight:31.1 Kg(68.56lb) Two Displays Gross Weight: 60.3Kg(132.94lb)
	Operating temperature	32°F ~ 104°F (0°C ~ 40 °C)
	Operating humidity	20% - 90% (No condensation)

Troubleshooting Guide

ISSUE	SOLUTION
UNABLE TO TURN ON THE DEVICE (POWER INDICATOR IS NOT LIT)	<ol style="list-style-type: none"> 1. Check if the power cable is damaged. 2. Check if the device is connected to the mains. 3. Check if the power switch is turned on. 4. Check if the switch of the power supply does not work.
THERE IS NO SIGNAL AFTER THE DEVICE IS TURNED ON.	<ol style="list-style-type: none"> 1. Check if you have chosen the correct signal source. 2. Check if the cable is correctly connected for the signal.
ABNORMAL RS232 (LAN) CONTROL	<ol style="list-style-type: none"> 1. Check RS232 (LAN) connection to make sure the input/output correspondence relationship is correct. 2. Check if RS232 (LAN) control is normal on the neighboring splicing display units.
BLURRY SCREEN	<ol style="list-style-type: none"> 1. Check if cable connection is loose, if pins on the connector are damaged. 2. Switch cables to check if it is due to the poor cable quality. 3. Check if screen parameters are set correctly.
FLASHING SCREEN OR INTERMITTENTLY LOST SIGNALS	<ol style="list-style-type: none"> 1. Unplug the signal cable and plug in again. 2. Replace the signal cable.
NO SIGNAL OUTPUT ON SCREEN	<ol style="list-style-type: none"> 1. Check if the signal type is correct. 2. Check if the cable is connected to the wrong interface. 3. Check if the DVI card interface is damaged.
WATER RIPPLE/NOISE	<ol style="list-style-type: none"> 1. Check if the signal source input is on the same power circuit as the screen. 2. Check if there are water ripples from the signal source. 3. Check if the device output interface is correctly connected. 4. Check if the signal input cable is too long.
REMOTE CONTROL FAILURE	<ol style="list-style-type: none"> 1. Ensure that the battery is without leakage. 2. Ensure that the remote-control is in the operating range. 3. Make sure the remote-control points to the remote-control window of the display. 4. Make sure that there is no obstacle between the remote and the free window.

SPOTS OR STRIPES ON THE SCREEN	<ol style="list-style-type: none"> 1. Make sure all settings (such as brightness, contrast, color, etc.) are adjusted properly. 2. For more information on video settings, please refer to the product manual introduction.
THE SCREEN POSITION OR SIZE IS INCORRECT	<ol style="list-style-type: none"> 1. Make sure to adjust the screen position and size to a reasonable extent. 2. According to automatic phase adjustment.
IMAGE OR COLOR IS INCORRECT	<ol style="list-style-type: none"> 1. Make sure the signal cable is connected properly. 2. When connected to a computer, you can change the resolution of your computer to get the correct image.
SHOW WARNING MESSAGE	<ol style="list-style-type: none"> 1. Check input signal cable connection. 2. Select the correct input signal.
CANNOT DISPLAY THE ENTIRE SCREEN	<p>Address code error.</p> <ol style="list-style-type: none"> 1. Check RS232 (LAN) control cable connection. 2. Check digital DVI video cable connection. 3. Check if the signal cable connection is wrong.
BLUE SCREEN	<ol style="list-style-type: none"> 1. Check if the video channel is correct. 2. Check if the signal cable is well connected. 3. NO Signal Input
LCD UNIT HAS NO POWER, BLACK SCREEN	<ol style="list-style-type: none"> 1. Check if the power plug, socket and cable are well connected.

 **NOTE:** Do not attempt to replace or repair circuitry yourself. Contact customer service to schedule a professional maintenance appointment.

If all the potential solutions have been tested for a particular issue and problems have not been resolved, contact a customer service representative for guidance.

844-221-3388

info@displays2go.com

Cleaning and Maintenance

- Avoid strong vibration or impact on the product.
- Keep the product dry to avoid possible damage by moisture.
- Don't place the product under direct sunlight which may shorten the service life of the screen.
- Clean screen and product by using a glass cleaner.

Names and Contents of Toxic and Hazardous Substances or Elements in the Product

The table shows that the machine contains harmful substances inside. The data is provided by material suppliers and verified by the company according to the material type. Some materials contain harmful substances that can't be replaced in present technology. We are dedicated to improving this.

O: the content of the toxic and hazardous substances or elements in the part is lower than the limit specified in GB/T 26572-2011 standard.

×: the content of the toxic and hazardous substances or elements in the part is higher than the limit specified in GB/T 26572-2011 standard.

PART NAME	TOXIC AND HAZARDOUS SUBSTANCES OR ELEMENTS					
	Pb	Hg	Cd	Cr 6+	PBB	PBDE
Display		O	O	O	O	O
Shell	O	O	O	O	×	×
Circuit Board Assembly *		O	O	O	O	O
Wires	O	O	O	O	O	O
Metal Parts	O	O	O	O	O	O
Packaging Materials *	O	O	O	O	O	O
Remote Control		O	O	O	O	O
Speakers		O	O	O	O	O
Accessories *	O	O	O	O	O	O

*: Packaging materials include packaging box, styrofoam, etc.;

*: Circuit board assembly includes PCB and the electronic elements thereof;

*: Other accessories include instruction manual.

The EFUP of the product is ten years. The pollution control label is shown right.



The EFUP is valid only when the user operates in the normal conditions specified in the manual herein.

Waste Electrical and Electronic Products Recycling and Disposal Regulations

To protect the earth, if you do not need this product or its service life expires, please abide by your local Waste Electrical and Electronic Products Recycling and Disposal Regulations or send it to qualified local manufacturer for recycling.

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 8 inches (20cm) between the radiator and your body.