

DISPLAYS2GO



User Manual

80" Floor Standing dvLED Poster - 1.9mm Pixel Pitch

SKUs: DZ080NVB19

Version 1.0

FCC ID: POCE220819283KRE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following 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 or 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 partnering with Displays2Go.



Scan the QR code to access product resources and view warranty details.

It's our mission to bring your brand vision to life. This digital signage was thoughtfully designed and carefully manufactured by our expert team to ensure your brand shines. Our Quality Assurance team inspects all electronics during assembly process to assure reliable operation.

Have questions or need assistance? We're here to provide clear guidance and dependable support throughout the life of your product.



Connect with Us

 844-221-3393

 info@displays2go.com

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Before Use

Safety Warnings and Precautions

Thank you for purchasing the high-performance 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



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 quickly.



If coal gas or other flammable gas leaks, do not pull out the plug of the 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 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 unit with hard object, or twist and squeeze the unit.
- 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 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.

Packing List

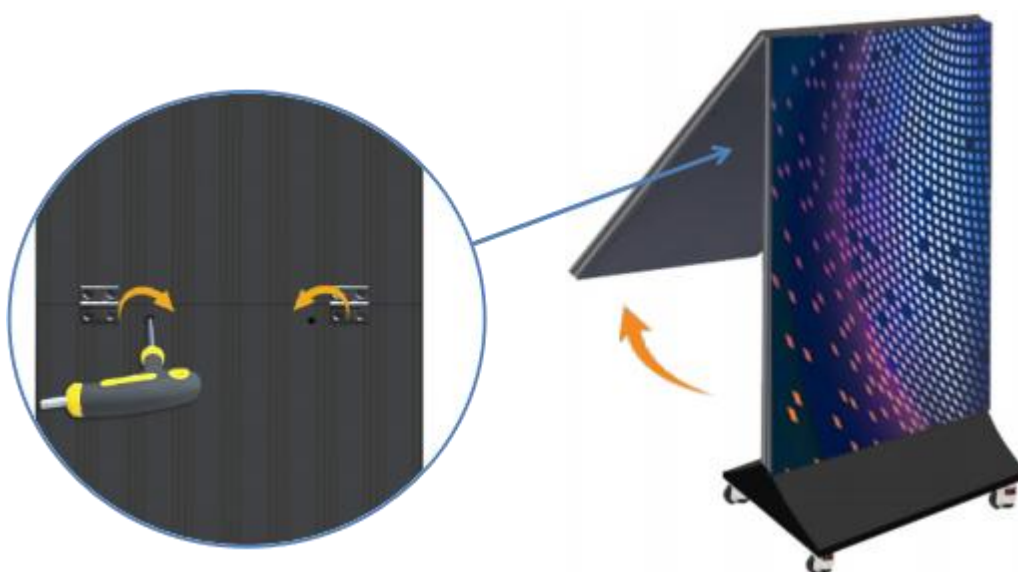
Name	Quantity	Name	Quantity
80" LED Display	1	Suction Tool	1
Power Cable	1	Hex Wrench	1
HDMI Cable	1	Top Cover	1
Wi-Fi Antenna	1	User Manual	1

Assembly

● NOTE: Two people required for safe assembly and transportation of product.

Tools needed: Hex wrench (included)

1. Carefully tilt the poster panel up. ● NOTE: Two people required for this step.
2. While one person holds the poster in place, insert the hex wrench into each lock and turn inwards (see arrows in diagram) until you feel a subtle click, confirming the mechanism is locked. Do NOT release the top of the poster until the unit is secure!
3. Insert the Wi-Fi antenna into the Wi-Fi port. Connect the unit to power.



● NOTE: When folding the display, place the top cover firmly over the seam.

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

Operation

Power On/Off

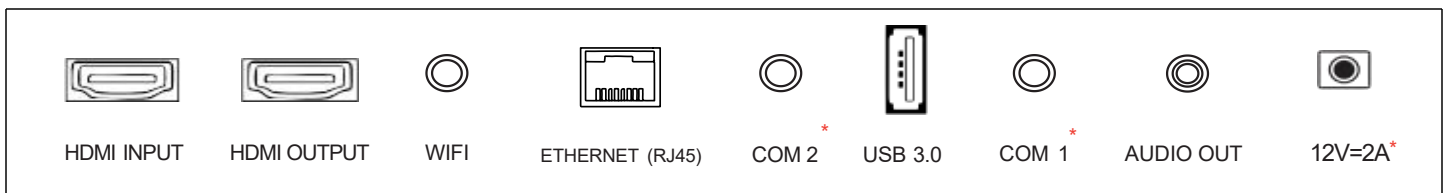
Power on by inserting the power cord into unit and connecting to outlet. Turn screen on with I/O switch. After a brief pause, the LED screen lights up and the IP address is active. Load the playlist to display content (see next page).

- NOTE : We strongly recommend using a surge protector or a power strip with internal circuit breaker to prevent damages to the poster.



Interface Panel

The interface panel is located on the rear of the base. The power input is located to the right of the interface panel.



- NOTE : Ports marked with the red asterisk have no function on this unit.

IP Address

The IP address of the unit is active after the unit is powered on. See the information sticker on the back of the poster for Wi-Fi details.

- WiFi ID: P1.9-posterleddisplay-x-xxxxxxx
- Password: SN2008@+

Display Media with ViPlex Express

To display content, you first need to create and publish a content playlist, known as a 'solution' in Viplex Express software. ViPlex Express is a program for creating, editing, and displaying content on your LED video wall.

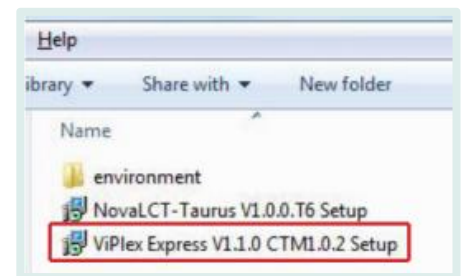


- NOTE: The ViPlex software appearance may vary from the screenshots included in this manual. Refer to the official ViPlex user manual for the most up-to-date visuals and instructions.

Download ViPlex Express

Step 1: Install Vip Lex Express From USB

- Insert the included USB into your PC and download ViPlex Express software.
- Once installed, the software shortcut appears on your desktop. Click to open the software.

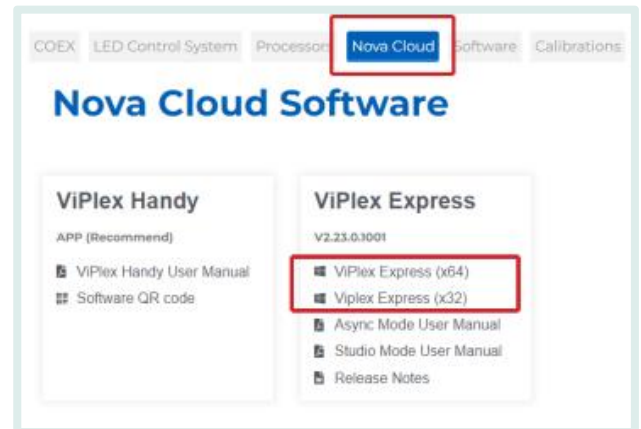


Step 2: Download Vip Lex Express Online

If your USB is not readily available, you can also download the software on its official website:

www.novastar.tech/downloads

Click the Nova Cloud tab, then, scroll to ViPlex Express. Download and install either the ViPlex Express x32 or x64 software. You may also download the Studio Mode User Manual for more details on how to operate the software.



- NOTE: Most modern computers are compatible with x64 software. Check your PC device specifications to determine your processor's compatibility with either the x32 or x64 software.

After downloading, you'll be asked to choose Async mode or Studio mode. Please refer to the Studio Mode and Async Mode user manuals on the product page as the mode selected will effect the available actions and user interface.

Studio Mode	Async Mode
Synchronously Play Content from a Connected Computer	Play Content from a Multimedia Player, Connected USB, or Wireless Playback.

Download ViPlex Express

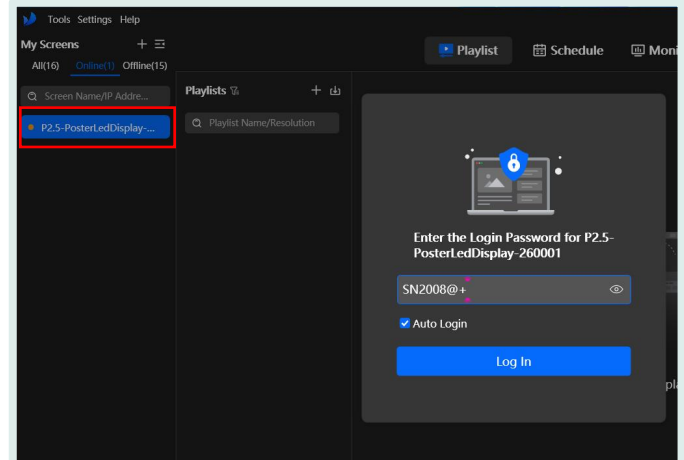
Step 3: LOG Into Viplex Express

a. Open ViPlex Express application after powering the LED poster on. The IP addresses of all units appear listed in the Screen Management tab. Choose an available unit from the list, then right-click **Log In** .

b. Enter the password then click Log In.

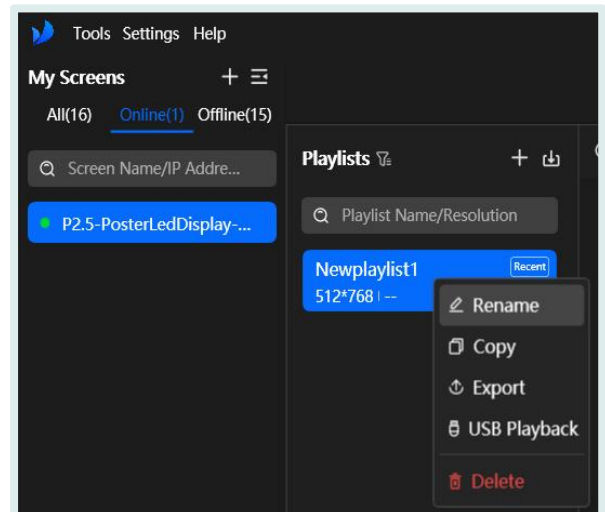
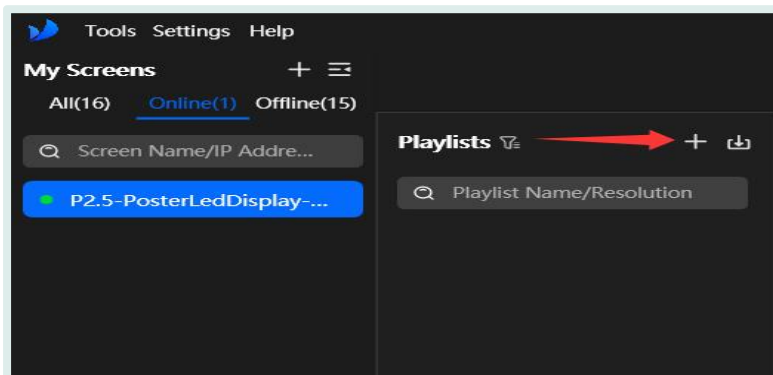
Initial Username: admin

Initial Password: SN2008@+



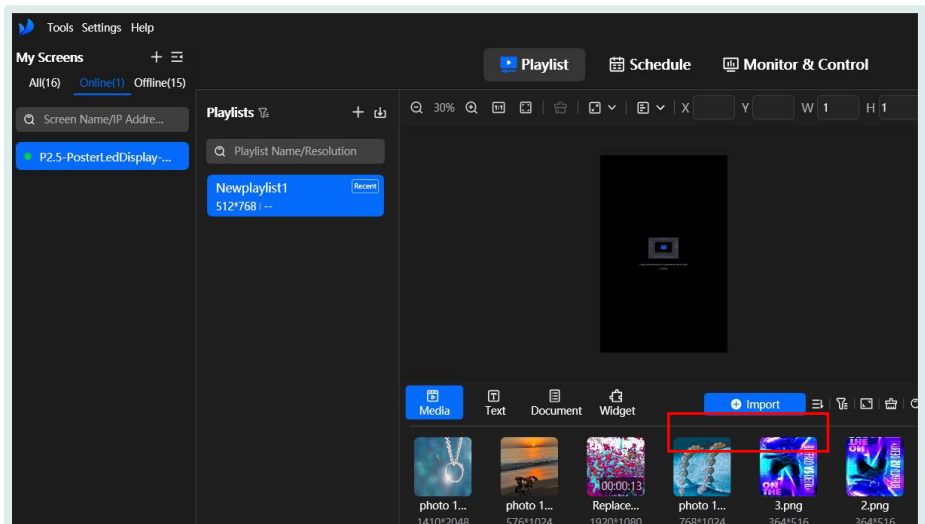
Create New Solution

- 1) In the Playlist tab, Click [+] → [Newplaylist].
- 2) On a new playlist, right-click to rename it.



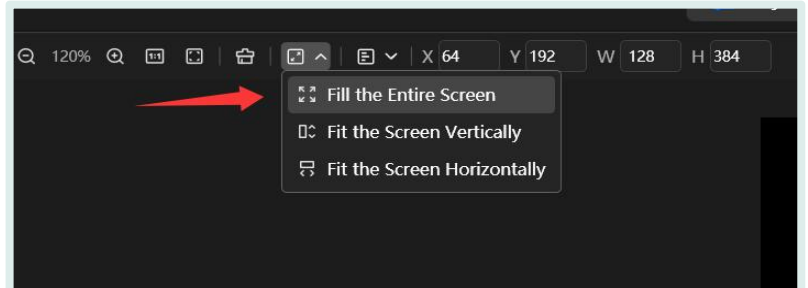
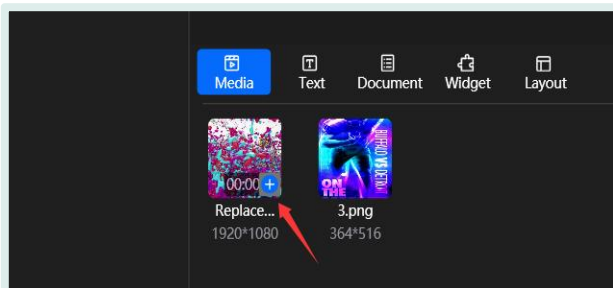
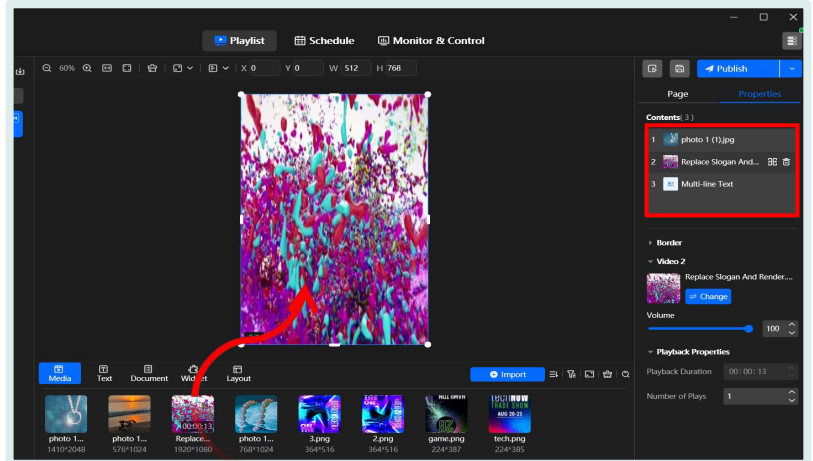
- 3) Click **Import** to add video/image assets from the computer.

NOTE: See page 12 for additional details for content creation for the folded screen.

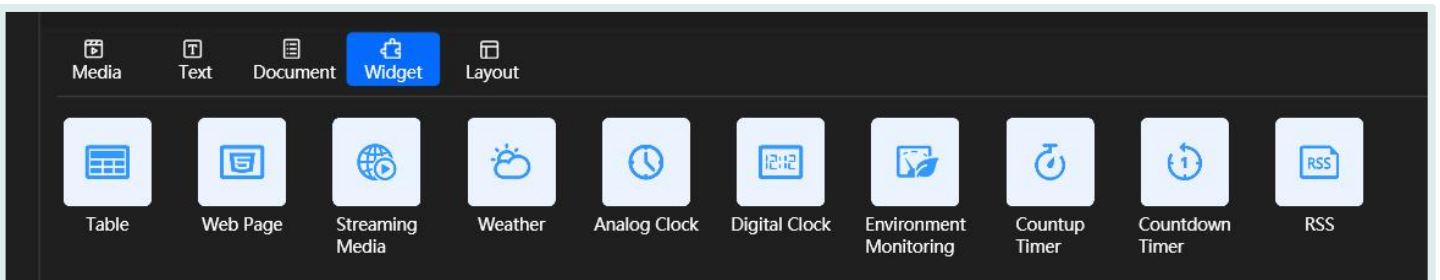


Create New Solution

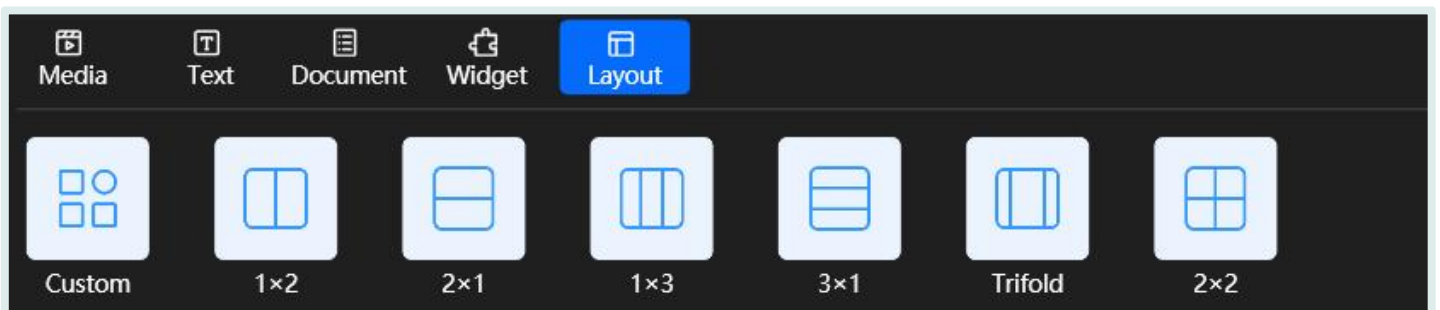
- 4) Click the '+' icon in the lower-right corner of the material, or directly drag the content to the playback area with the mouse.
- 5) Click One-Click Fullscreen.
- 6) Add different videos, images, text, or other modules to the display area. They will play one after another in the list.



- 7) The required modules can be added, such as clock, weather, and web (some features require internet access).



- 8) Add a partition template and click on different areas to add corresponding content.



Create Content For Folded Screen

After folding, the resolution is horizontally split into two equal sections, measuring 344 x 516 pixels.

1. Use the 2x1 template in the layout to quickly divide the area to fig 7.1.
2. Drag the content into the upper or lower partition. No resolution settings are required to fig 7.2.
3. Rotate or mirror the content to an inverted state using a computer tool or other image editing tool.
4. Publish the solution and connect to the folded digital signage. The content automatically displays on both sides.

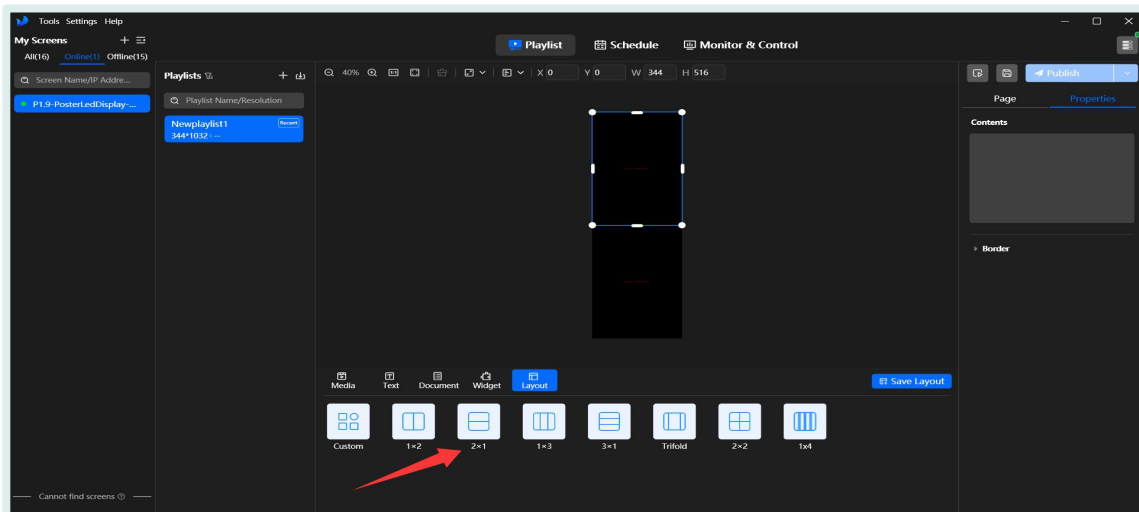
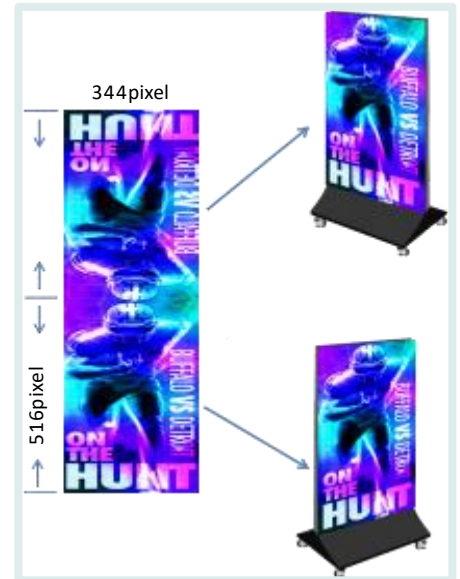


fig 7.1

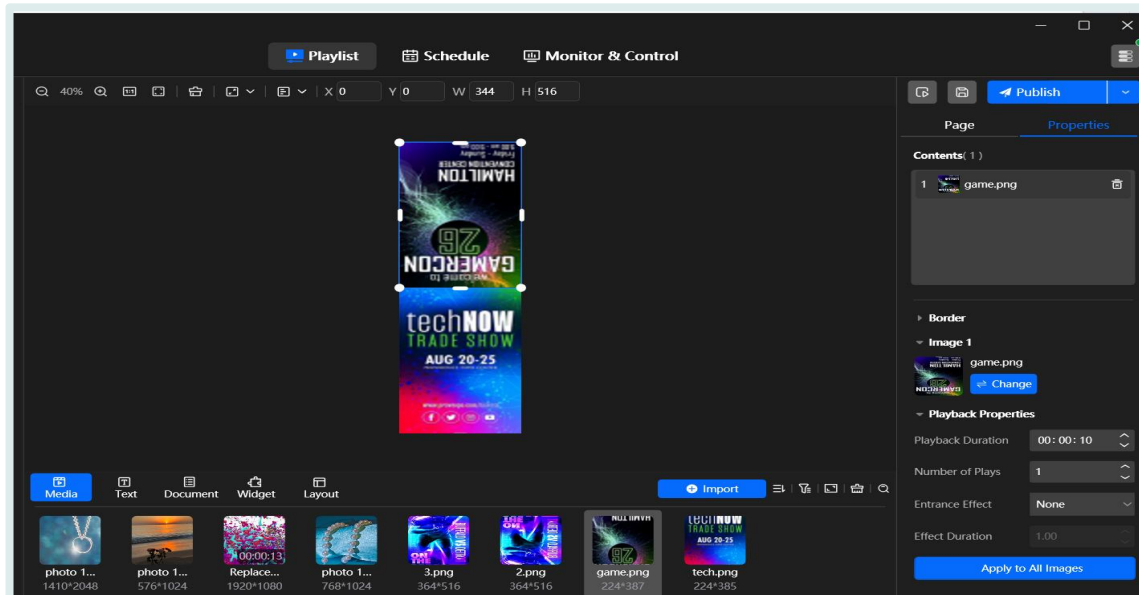


fig 7.2

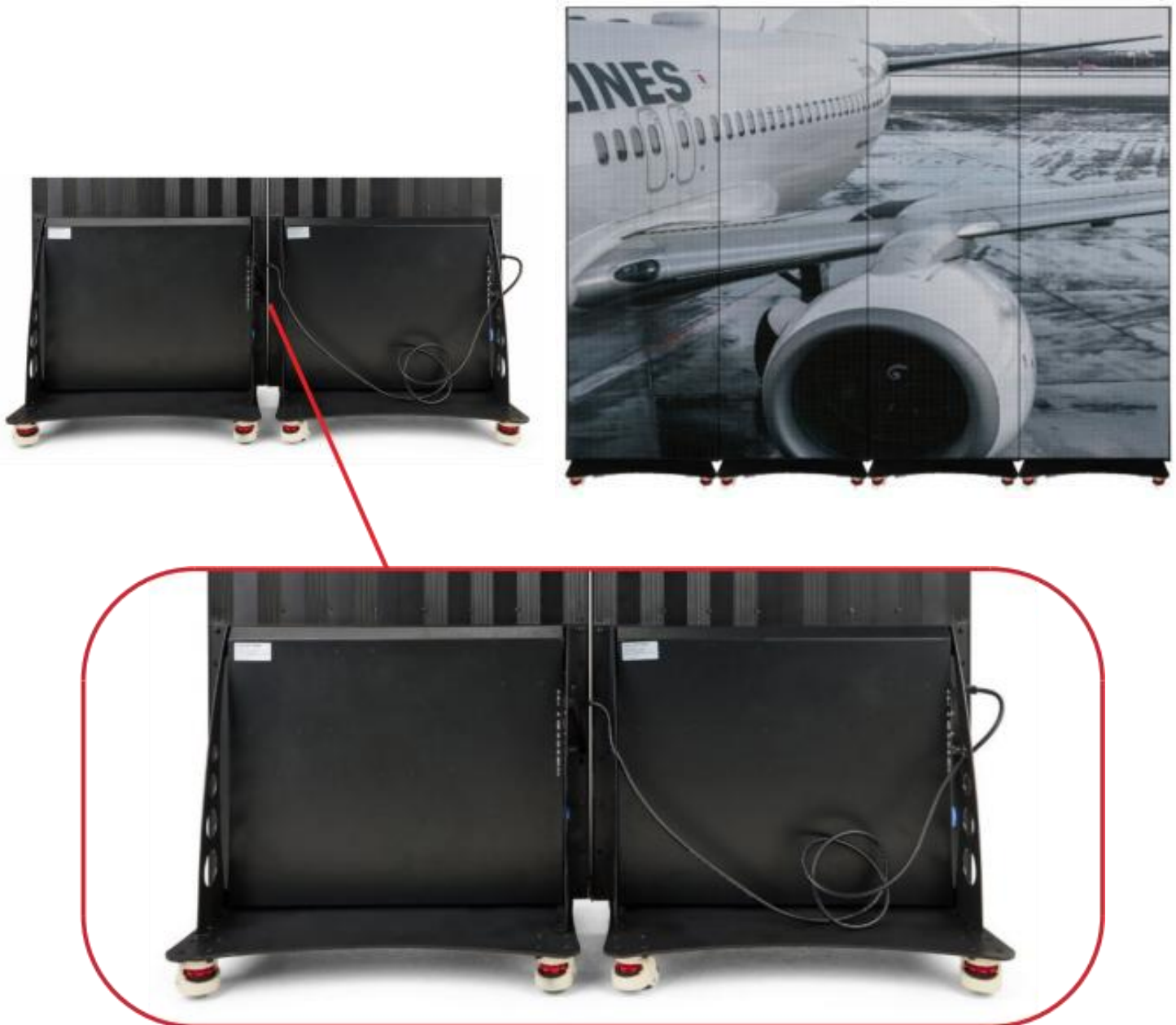
Connect Multiple Displays

Connect up to 5 posters together to show a single image, also known as 'daisy-chaining'.

Posters should be daisy-chained left to right.

Position the LED posters next to each other. Insert an HDMI cable into the HDMI OUT port of the first leftmost poster, then into the HDMI IN port of the next poster. Insert another HDMI cable into the second poster's HDMI OUT port and into the HDMI IN port of the third poster. Repeat as necessary.

Then, on the poster display, the leftmost unit is the master. Connect only to the first unit for HDMI input or media playback. **No settings needed on computer or mobile app.** With correct HDMI connection, the displays will automatically daisy-chain to full screen.

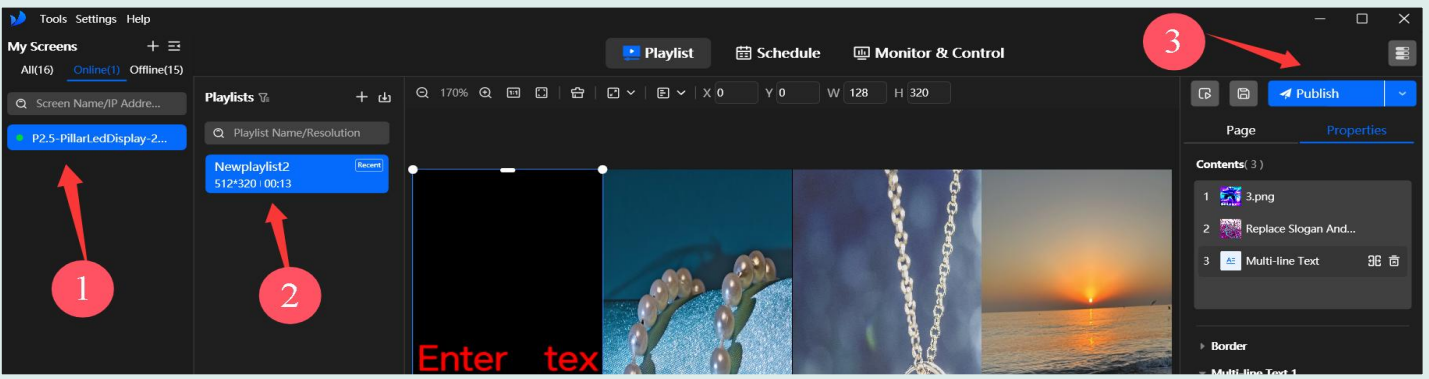


Publish Solution

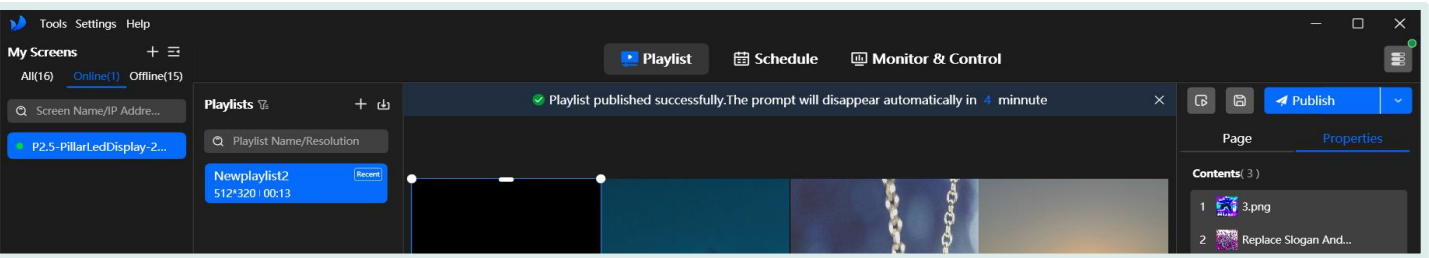
Connect via PC	Connect via Phone
IP Address, Ethernet, or USB	ViPlex Handy mobile app
Create, edit, and publish playlists	Display playlists only

Step 1: Publish Via Network Connection

- 1) Confirm the terminal is online;
- 2) Playlist;
- 3) Publish your playlist by clicking the blue Publish icon.



After successful publication, the screen will update instantly



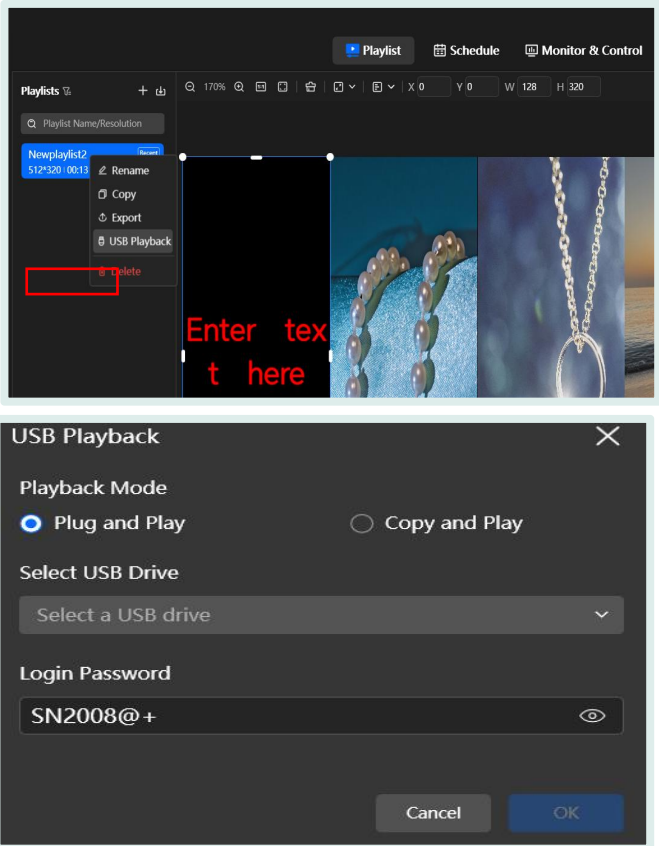
Publish Solution

Step 2: Publish Via USB

1. Insert a USB into your PC. Right-click on the playlist and select USB Playbackack.

USB Publishing has 2 options: Copy and Play, and Plug and Play.

- Copy and Play: plug USB to copy the playlist to the unit. The playlist will loop play with or without USB in. You must select Overwrite for this option.
 - Plug and Play: Plug USB to play; remove USB to stop.
2. In Path, select your USB Drive.
 3. In terminal password, enter the unit password.
 4. Click OK to finish publishing to USB.



NOTE: the default password is SN2008@+

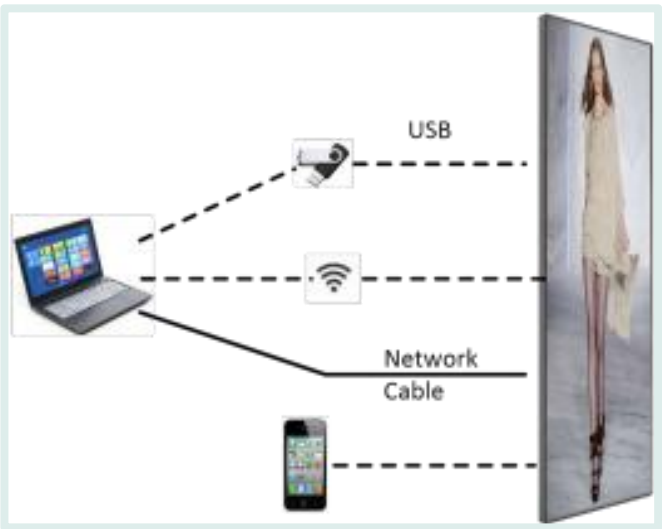
Unit Connection Methods

Step 1: Connect Wirelessly

1. Open Wi-Fi settings on your PC and find the unit IP address. The unit's IP address is "P2.5-posterleddisplay-" followed by the product ID number, which can be found on the Wi-Fi information sticker.
2. Enter the default network password: SN2008@+

Step 2: Connect Via Ethernet

Insert Ethernet cable into Ethernet (RJ45) port of unit, then connect Ethernet to PC.



Unit Connection Methods

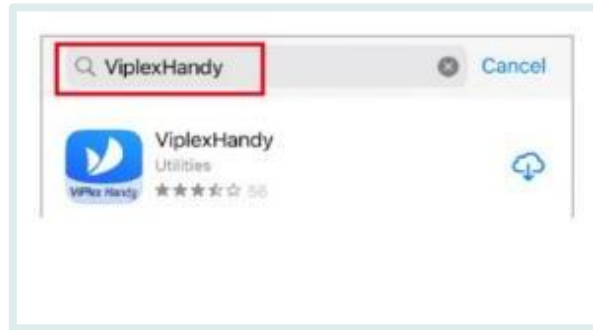
Step 3: Connect Via USB

Publish solution to USB in ViPlex Express (see previous page for instructions).
Then, insert USB into USB port of unit. The solution plays automatically.

Step 4: Connect Via Mobile Phone

The ViPlexHandy mobile app allows you to display solutions you've created in ViPlex Express. To download the app to your mobile phone, scan the QR code below or search ViPlexHandy in your app store. Or, download from the official website:

<https://www.novastar.tech/downloads>.



1. Disconnect PC and other devices before connecting on mobile app.
2. Open your phone's Wi-Fi settings on the phone and connect to the unit's IP address.
The unit's IP address is "P2.5-posterleddisplay-" followed by the product ID number, which can be found on the Wi-Fi information sticker.
3. Enter the default network password: 12345678

Reference

Technical Specifications

Panel	LED Size	80"
	Light Source	LED GOB
	Aspect Ratio	16:5
	Resolution	344mm(H) x 1032mm(W)
	Brightness	800 nits
	Contrast	3000: 1
	Response	5ms
	Pixel Pitch	1.9mm
	Refresh Rate	3840Hz
	Viewing Angle	160°
	Color Saturation	18 bit
	Viewable Area	76"H x 25"W
	Chromaticness	RGB
Power Supply	Voltage	110-240V / 50-60Hz
	Power Consumption	470W
Environment	Operating Temperature	14°F ~ 104°F (-10~40°C)
	Storage Temperature	-4°F ~ 140°F (-20~60°C)
	Operating Humidity	10~80% RH Non-condensing
	Storage Humidity	0~90% RH Non-condensing
	Maximum Operating Time	24 hours / 7 day
Functions	Operating System	NovaStar Running on Android 11 OS
	Processor	N/A
	RAM	1GB
	ROM	32GB
	Decoding Resolution	1080P
	Touch Support	No touch
	Supported Video Files	MPEG2, MPEG4, H.264, RMVB, AVI, MP4, MKV, RM, MPG, MOV, TS, M2TS
	Supported Image Files	JPG, JPEG, BMP, PNG, GIF
	Supported Audio Files	MP3
	Bluetooth	N/A
	Wi-Fi Frequency	2.4GHz / 5GHz

Technical Specifications

I/O Interfaces	Wi-Fi Antenna	External x1
	Ethernet (RJ45)	RJ45 x1
	HDMI	IN x1, OUT x1
	VGA	N/A
	Headset	OUT x1
	USB	3.0 x1
	TF	N/A
	SIM	N/A
Structure	Weight	104 lbs
	Unit Dimensions	48" x 25" x 29"
	Shell Material	Steel/Aluminum
	Shell Color	Black
Language	OSD	English

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.
- If the product will not be used for a long time, unplug power cord to prevent internal short circuit or other potential dangers.

Troubleshooting Guide

Whole display turn to blank screen

NO.	Fault	Fault Analysis	Trouble Shooting
1		1. Abnormal electrical power supply of display. 2. Display power does not <u>turned</u> on. 3. No video source is switched (synchronous or asynchronous) 4. Fault on controller or switching power.	1. Check power supply to make sure the display is powered. 2. Check if display power has turned on. 3. Check external Ethernet cable. 4. If former checking is ok, replace power supply cable. 5. If above checking is ok, replace controller or switching power supply.

Common Faults and Trouble Shooting

NO.	Fault	Fault Analysis	Trouble Shooting
2		1. Poor connection in module signal cable or power cable. 2. Module fault.	1. Open display using magnet tool from the front. 2. Check connection of signal cable and power supply cable on module. 3. If above cables have been in good connection, connect signal cable and power cable on the faulted module to a spare module to observe the displaying effect. 4. If spare module can display normally, open glass plate and replace faulted module. 5. If spare module cannot work, change module signal cable. 6. If fault remains, change receiving card to find problem; and replace faulted spare parts.

Troubleshooting Guide

Color missing on certain module

NO.	Fault	Fault Analysis	Trouble Shooting
3		Module fault.	1. Change faulted module.

Color missing or blank screen on certain module

NO.	Fault	Fault Analysis	Trouble Shooting
4		Signal cable fault. Module fault.	1. Open display using magnet tool from the front. 2. Check the signal cable between modules. 3. Change module signal cable to make sure all cabled are well-connected. 4. If fault remains, change the faulted module.

Troubleshooting Guide

Two thirds of display turns to blank screen

NO.	Fault	Fault Analysis	Trouble Shooting
5		1. Poor connection in board power cable. 2. Board signal output fault. 3. Board signal input fault.	1. Open display using magnet tool from the front. 2. Check power cable of board. 3. Connect signal input cable of board and check if two thirds of display can show image. 4. If two thirds of display can show image, replace board; 5. If display still has blank screen, change board.

Disorder image on display

NO.	Fault	Fault Analysis	Trouble Shooting
6		1. Setting error.	1. Reload display configuration files.

Troubleshooting Guide

Repeated image on display

NO.	Fault	Fault Analysis	Trouble Shooting
7		LED display setting error.	Reload display configuration files.

Half of display turns to blank screen

NO.	Fault	Fault Analysis	Trouble Shooting
8		1. Power cable fault between switching power supply and module. 2. Switching power supply fault.	1. Check power cable between switching supply power and related module. 2. If above checking is normal, change the switching power supply.

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

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

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 Notice

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.

DISPLAYS2GO



Address:

81 Commerce Drive

Fall River, MA 02720 USA

If you have any questions regarding our products or warranty information, please visit us at www.displays2go.com
contact D2G customer service 844-221-3393