Bewinner1 Bewinneryhxuge6g5c-11

Bewinner LED Video Wall Controller User Manual

Model: Bewinneryhxuge6g5c-11

1. Product Overview

The Bewinner 2X2 Video Wall Controller is a high-performance device designed to split a single HDMI high-definition image into four distinct blocks, distributing them across four video display units. This allows for the creation of a large, dynamic image screen, ideal for various applications such as digital signage, home theaters, and control rooms. It supports 1 HDMI input and 4 HDMI outputs, delivering a resolution of up to 1920 x 1080P@60Hz.

Image: The Bewinner 2x2 Video Wall Controller shown with an example of a single image split across four displays.

2. Key Features

- **Large Screen Splicing:** Supports 1 HDMI input and 4 HDMI outputs to divide a complete HDMI high-definition image into 4 blocks for display on multiple units, creating a large dynamic image screen.
- **1080P HD Output:** Supports HDMI1.3 input and 4 HDMI outputs with a maximum resolution of 1920 x 1080P@60Hz. Compatible with 1920 x 1080P 24/30/50/60Hz and below input resolutions.
- **Variety of Splicing Methods:** Offers flexible splicing options including 2x1, 3x1, 4x1, 1x2, 1x3, 1x4, and 2x2 configurations. Note: Image rotation for vertical display is not supported; use a vertically oriented source.
- **Robust Performance:** Constructed from metal for anti-interference and durability, featuring dense heat dissipation holes for improved performance and longevity. Powered by a stable 12V supply.
- **Easy Operation:** Plug and play functionality with convenient control via the device's buttons or the included remote control.

Image: Visual representation of the controller's key features, such as 1080P HD support and plug-and-play functionality.

3. Package Contents

Please verify that all items are present and in good condition upon opening the package:

- Bewinner 2X2 Video Wall Controller Unit
- Remote Control (requires 2x AAA batteries, not included)
- 12V Power Adapter
- User Manual (this document)

Image: The main components included in the package: the video wall controller, its remote, and the power adapter.

4. Setup Instructions

1. **Connect Input Source:** Connect your HDMI input source (e.g., computer, media player) to the "HDMI INPUT" port on the video wall controller using a high-quality HDMI cable.
2. **Connect Displays:** Connect your four HDMI display units (e.g., TVs, monitors) to the four "HDMI OUTPUT" ports on the controller using HDMI cables. Ensure each display is powered on.
3. **Connect Power:** Plug the 12V power adapter into the "DC/12V" port on the controller, then connect the adapter to a power outlet. **Important:** Ensure the 12V power adapter is connected to prevent voltage instability and potential screen flickering issues.
4. **Power On:** The controller will power on automatically once connected to power.
5. **Initial Configuration:** Use the "MODE" button on the controller or the remote control to select the desired splicing mode (e.g., 2x2, 1x4). Refer to the "Operating Instructions" section for more details on mode selection.

Image: The rear panel of the controller, highlighting the HDMI input, four HDMI output ports, and the DC 12V power connection.

5. Operating Instructions

5.1. Front Panel Controls

- **IR:** Infrared receiver for the remote control.
- **Led:** Power/Status indicator light.
- **Audio:** Button to cycle through audio modes or settings.
- **Mode:** Button to cycle through different splicing modes (e.g., 2x2, 1x4).
- **Power Button:** To turn the device on or off.

Image: The front panel of the controller, displaying the IR receiver, LED indicator, and control buttons.

5.2. Remote Control Operation

The included remote control provides convenient access to all functions. Ensure 2x AAA batteries are installed correctly before use.

- **Power:** Turns the unit on/off.
- **Audio:** Adjusts audio settings.
- **Mode Buttons (e.g., 2X2, 1X4, 3X1):** Directly select desired splicing configurations.
- **ATTR+/- and VAL+/-:** Used for fine-tuning image attributes and values (e.g., brightness, contrast).
- **Reset:** Resets settings to default.

Image: A hand demonstrating the use of the remote control, highlighting its various buttons for mode selection and adjustments.

5.3. Splicing Modes

The controller supports various display configurations:

Supported Splicing Configurations

Mode	Description	Example Use Case
2x2	Splits the image into 4 equal parts, displayed on a 2x2 grid of screens.	Standard video wall, home theater.
2x1	Splits the image across 2 screens horizontally.	Extended desktop, narrow display.
3x1	Splits the image across 3 screens horizontally.	Panoramic display, information board.
4x1	Splits the image across 4 screens horizontally.	Ultra-wide display, digital signage.
1x2	Splits the image across 2 screens vertically.	Vertical signage, portrait mode content.
1x3	Splits the image across 3 screens vertically.	Tall information displays.
1x4	Splits the image across 4 screens vertically.	Full-height digital posters.

To select a mode, press the corresponding button on the remote control or cycle through modes using the "Mode" button on the front panel. **Note:** This device does not support image rotation. For vertical displays (1x2, 1x3, 1x4), ensure your input source provides content already oriented for portrait mode.

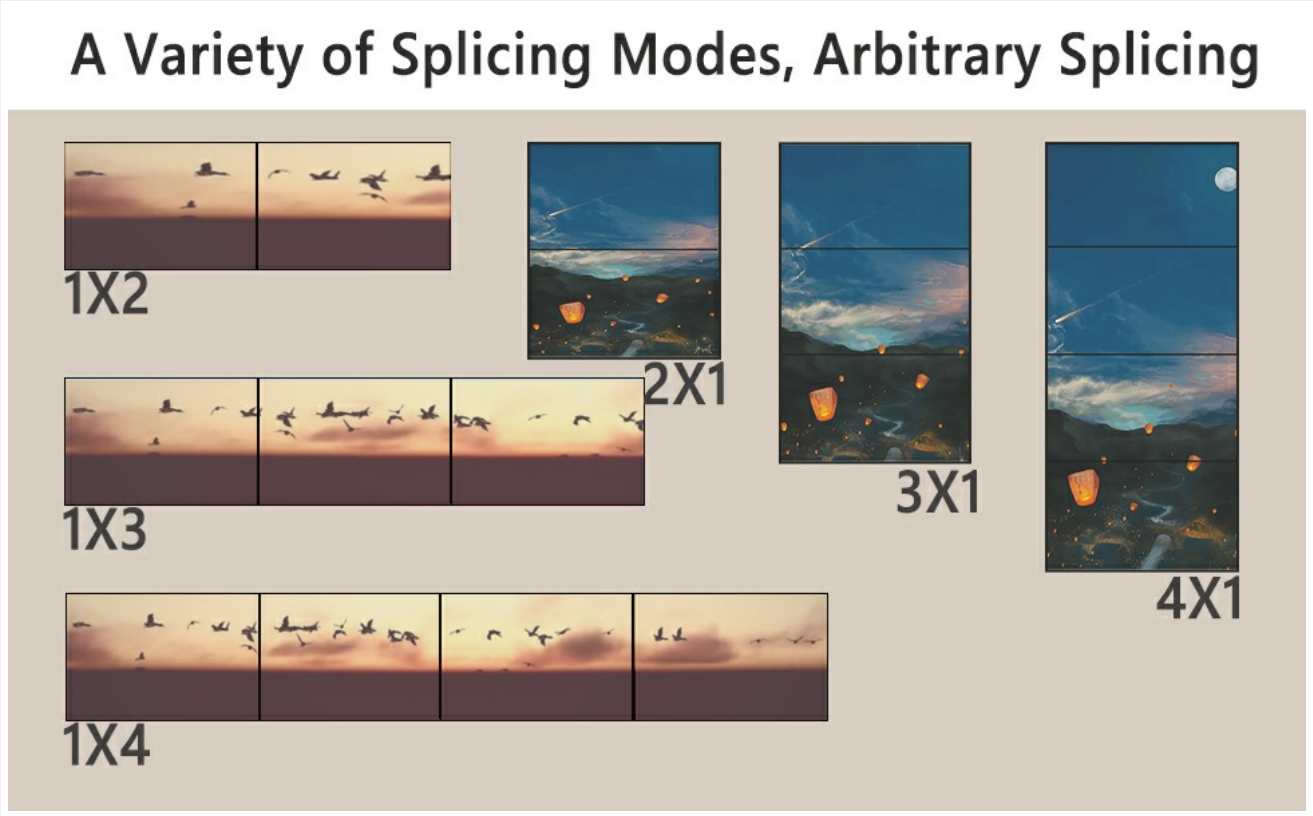

Image: Illustrations of different video wall configurations supported by the controller, such as horizontal and vertical multi-screen setups.

6. Troubleshooting

Common Issues and Solutions

Problem	Possible Cause	Solution
No signal on displays / Black screen	Loose HDMI cables, incorrect input selection, power issue.	◦ Ensure all HDMI cables are securely connected to both the controller and displays. ◦ Verify the input source is active and sending a signal. ◦ Check if the 12V power adapter is properly connected and providing power. ◦ Try a different HDMI cable or input source to rule out cable/source issues.
Screen flickering or unstable image	Insufficient power, faulty cable, incompatible resolution.	◦ Ensure the 12V power adapter is securely connected and functioning correctly. ◦ Use high-quality HDMI cables. ◦ Verify input resolution is within supported range (1920x1080P 24/30/50/60Hz or below).
Remote control not working	Dead batteries, IR sensor blocked, remote malfunction.	◦ Replace AAA batteries in the remote control. ◦ Ensure no obstructions between the remote and the controller's IR sensor. ◦ Point the remote directly at the IR sensor on the front of the controller.
Incorrect splicing mode / Image distortion	Wrong mode selected, input resolution mismatch.	◦ Press the "Mode" button on the controller or the specific mode button on the remote to select the correct splicing configuration. ◦ Ensure your input source resolution matches the expected output for the chosen splicing mode.
Blue tint or incorrect colors	Cable issue, display settings, unit malfunction.	◦ Try a different HDMI cable. ◦ Check color settings on your connected displays. ◦ If the issue persists, contact customer support.

7. Specifications

Feature	Detail
Brand	Bewinner1
Model Number	Bewinneryhxuge6g5c-11
Input Port	1 x HDMI 1.3
Output Ports	4 x HDMI
Input Resolution Support	1920 x 1080P @ 24/30/50/60Hz and below
Output Resolution Support	1920 x 1080P @ 60Hz
Supported Splicing Modes	2x1, 3x1, 4x1, 1x2, 1x3, 1x4, 2x2
Power Supply	DC 12V
Material	Metal
Item Weight	1.58 pounds (approx. 0.72 kg)

8. Maintenance

To ensure the longevity and optimal performance of your Bewinner Video Wall Controller, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosol sprays, as they may damage the unit.
- **Ventilation:** Ensure the device is placed in a well-ventilated area. Do not block the heat dissipation holes on the sides of the unit.
- **Environment:** Avoid exposing the device to extreme temperatures, humidity, dust, or direct sunlight.
- **Power:** Always use the provided 12V power adapter. Disconnect power during electrical storms or when the unit will be unused for extended periods.

9. Warranty and Support

Bewinner is committed to providing quality products and excellent customer service. If you encounter any issues or have questions regarding your Bewinner LED Video Wall Controller, please contact our professional customer service team.
For support, please refer to the contact information provided with your purchase or visit the official Bewinner website. Our team is available to assist you with troubleshooting and any other product-related inquiries.
We strive to resolve any problems promptly and ensure a satisfactory experience.