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› [ASHATA](#) /

› [ASHATA 2x2 Video Wall Controller Instruction Manual](#)

ASHATA ASHATAxg0i6wbkmf-11

ASHATA 2x2 Video Wall Controller Instruction Manual

Model: ASHATAxg0i6wbkmf-11

1. INTRODUCTION

The ASHATA 2x2 Video Wall Controller is a device designed to split a single HDMI high-definition image into multiple segments for display across several screens, creating a larger video wall. This controller supports one HDMI input and four HDMI outputs, enabling various display configurations such as 2x2, 2x1, 3x1, 4x1, 1x2, 1x3, and 1x4.

This manual provides detailed instructions for the proper setup, operation, and maintenance of your video wall controller to ensure optimal performance and longevity.



Image: The ASHATA 2x2 Video Wall Controller shown with a 2x2 display configuration.

2. SAFETY INFORMATION

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- Read all instructions carefully before operating the device.
 - Do not expose the device to water, moisture, or extreme temperatures.
 - Use only the provided power adapter. Using an incorrect power supply may damage the device and void the warranty.
 - Do not attempt to open or repair the device. Refer all servicing to qualified personnel.
 - Ensure proper ventilation around the device to prevent overheating.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x ASHATA 2x2 Video Wall Controller
- 1 x Remote Control
- 1 x 12V Power Adapter
- 1 x User Manual (this document)



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

4. PRODUCT FEATURES

- **2x2 Video Wall Splicing:** Divides a single HDMI input into four segments for display across four screens.
- **Multiple Splicing Modes:** Supports 2x2, 2x1, 3x1, 4x1, 1x2, 1x3, and 1x4 configurations.
- **High Definition Support:** Compatible with HDMI 1.3 input, supporting resolutions up to 1920 x 1080P at 60Hz output.
- **Durable Construction:** Made of metal material for anti-interference, efficient heat dissipation, and extended service life.
- **Plug and Play:** Easy to set up and operate without complex software installation.
- **Stable Performance:** Powered by 12V with over-current protection.
- **Gold-Plated Interfaces:** Reduces data loss and improves signal efficiency.

5. DEVICE OVERVIEW

Front Panel

- **IR Receiver:** For remote control signals.
- **LED Indicator:** Indicates power and operational status.
- **Audio Button:** Controls audio output.
- **Mode Button:** Cycles through different splicing modes.

Rear Panel



Image: Rear view of the controller with input and output ports.

- **HDMI Input:** Connect your source device (e.g., computer, media player).
- **HDMI Outputs (1-4):** Connect to your display units (TVs, monitors).
- **DC 12V:** Power input port.

6. REMOTE CONTROL FUNCTIONS

The included remote control allows for convenient operation of the video wall controller.



Image: The remote control for the video wall controller.

- **POWER:** Turns the device on or off.
- **AUDIO:** Toggles audio output.
- **ATTR++ / ATTR--:** Adjusts image attributes (e.g., brightness, contrast).
- **VAL++ / VAL--:** Adjusts value for selected attribute.
- **R:** Rotates the image (if supported by the specific mode).
- **RESET:** Resets settings to default.
- **2X2, 2X1, 1X2, 1X1:** Direct buttons to select specific splicing modes. Other modes (3x1, 4x1, 1x3, 1x4) can be accessed via the 'Mode' button on the device or cycling through options.

7. SETUP INSTRUCTIONS

1. **Prepare Displays:** Arrange your display units (TVs, monitors) in the desired configuration (e.g., 2x2, 1x4). Ensure all displays are powered off.
2. **Connect HDMI Outputs:** Connect HDMI cables from the HDMI Output ports (1-4) on the video wall controller to the HDMI Input ports on your display units. Match the outputs to the physical arrangement of your screens.
3. **Connect HDMI Input:** Connect an HDMI cable from your source device (e.g., PC, Blu-ray player) to the HDMI Input port on the video wall controller.
4. **Connect Power:** Plug the 12V power adapter into the DC 12V port on the controller, then plug the adapter into a power outlet.
5. **Power On:** Power on the video wall controller, then power on all connected display units.
6. **Select Input:** Ensure your display units are set to the correct HDMI input source.

8. OPERATING INSTRUCTIONS

The video wall controller supports various splicing modes. You can select these modes using the remote control or the 'Mode' button on the device.

Selecting Splicing Modes:

- **Using Remote Control:** Press the dedicated buttons (2X2, 2X1, 1X2, 1X1) for quick selection of common modes. For other modes, you may need to cycle through options using a mode selection button if available, or refer to specific remote functions for advanced configurations.
- **Using Device Buttons:** Press the 'Mode' button on the front panel of the controller to cycle through available splicing configurations.

The controller will automatically adjust the image to fit the selected display configuration.

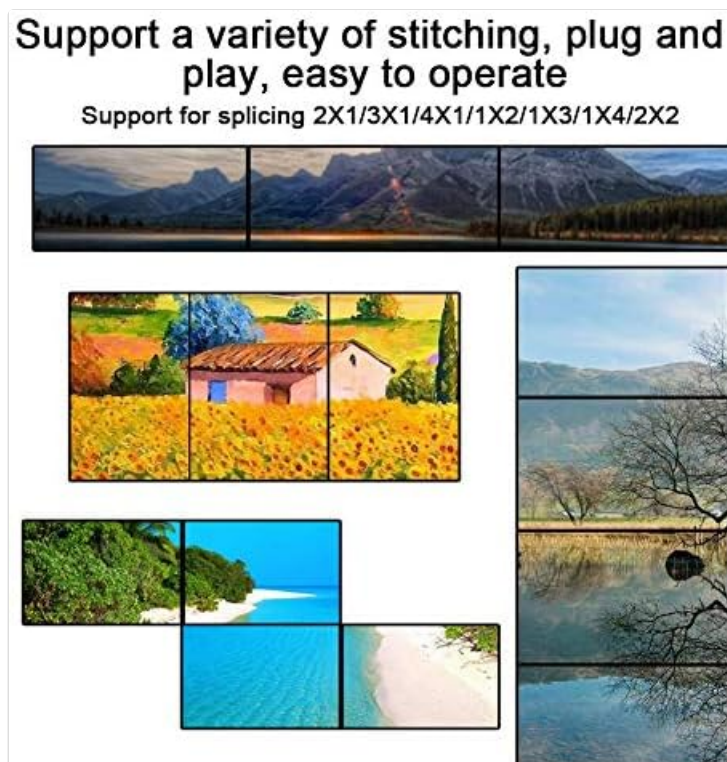


Image: Visual examples of different video wall splicing modes.

9. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the device. Do not use liquid or aerosol cleaners.
- **Ventilation:** Ensure that the ventilation openings are not blocked to prevent overheating.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight.

10. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on displays	Loose HDMI cables, incorrect input selection on displays, no power to controller.	Check all HDMI cable connections. Ensure displays are set to the correct HDMI input. Verify the power adapter is securely connected and the controller is powered on.
Image distortion or flickering	Poor quality HDMI cables, resolution incompatibility, signal interference.	Try using higher quality HDMI cables. Ensure the input resolution from the source device is compatible with the controller (up to 1080P). Reduce electromagnetic interference.
Remote control not working	Dead batteries, IR receiver blocked, remote out of range.	Replace remote control batteries. Ensure there is a clear line of sight between the remote and the controller's IR receiver. Operate the remote within its effective range.
Incorrect splicing mode	Wrong mode selected.	Press the appropriate mode button on the remote or cycle through modes using the 'Mode' button on the device until the desired configuration is achieved.

11. SPECIFICATIONS

Feature	Detail
Model Number	ASHATAxg0i6wbkmf-11
Input Port	1 x HDMI
Output Ports	4 x HDMI
HDMI Version	HDMI 1.3
Input Resolution Support	1920 x 1080P @ 24/30/50/60Hz and below
Output Resolution	1920 x 1080P @ 60Hz HD
Compatible Devices	Television, Monitors
Power Supply	DC 12V
Item Weight	1.56 pounds (approx. 0.71 kg)
Manufacturer	ASHATA

Feature	Detail
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12. SUPPORT

For any issues or questions regarding your ASHATA 2x2 Video Wall Controller, please contact our customer support. We are committed to providing assistance and ensuring your satisfaction.

Please refer to your purchase platform or product packaging for specific contact details.

