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> Astarama Mini Projector HY300 User Manual

Astarama HY300

Astarama Mini Projector HY300 User Manual

Model: HY300 | Brand: Astarama

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1. INTRODUCTION

This user manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Astarama Mini Projector HY300. This portable projector is designed for versatile entertainment and presentation, featuring 2.4/5G WiFi, Bluetooth 5.0, automatic keystone correction, and a 180° rotatable stand. It supports Full HD 4K video decoding with a native resolution of 1280x720 and offers a projection screen size from 40 to 130 inches.



Figure 1: Astarama Mini Projector HY300, showcasing its compact and rotatable design.

2. WHAT'S IN THE BOX

Upon opening the package, please verify that all the following items are included:

- 1x Astarama Mini Projector HY300
- Remote Control
- Power Cord
- User Manual (this document)

3. SETUP GUIDE

3.1 Initial Placement and Power Connection

Place the projector on a stable, flat surface. Connect the power cord to the projector's power input and then to a standard electrical outlet. The projector features a 180° rotatable stand, allowing you to project images onto walls, ceilings, or

floors. Adjust the projector's angle to achieve your desired projection surface.



Figure 2: The 180° Freestyle Rotation feature allows flexible projection angles.

3.2 Focus and Keystone Correction

After powering on, the projector will perform automatic keystone correction for vertical alignment. For optimal clarity, manually adjust the focus using the focus ring on the projector lens. Note that automatic keystone correction primarily adjusts vertical distortion; horizontal adjustments may need to be made by repositioning the projector.

Automatic Correction

Automatically Correct the Skewed Image, So That You Can Get a Square Picture Every Time you Project.



Figure 3: Automatic Keystone Correction ensures a square picture.

3.3 Network Connection (Wi-Fi)

The projector supports 2.4G and 5G dual-band Wi-Fi for fast and stable wireless connectivity.

1. Navigate to the "Settings" menu on the projector's interface.
2. Select "Network" or "Wi-Fi settings".
3. Turn on Wi-Fi and select your desired network from the list.
4. Enter the Wi-Fi password if prompted and connect.

Convenient Screen Mirror

Connect Your iPhone / Android Smart Phone or Tablet By WiFi



Figure 4: Seamless screen mirroring via Wi-Fi from various devices.

3.4 Bluetooth Pairing

To connect external Bluetooth speakers or headphones:

1. Go to "Settings" and select "Bluetooth".
2. Ensure Bluetooth is enabled on both the projector and your external device.
3. Select your device from the list of available devices to pair.

4. OPERATING INSTRUCTIONS

4.1 Basic Navigation and Android 11.0 Interface

The projector runs on Android 11.0, providing a user-friendly interface. Use the included remote control to navigate through menus, select applications, and adjust settings. The home screen provides access to pre-installed apps and allows for downloading additional applications from the app store.



Figure 5: Access popular streaming services directly from the projector.

4.2 Connecting External Devices

The projector is equipped with multiple ports for connecting various devices:

- **HDMI:** Connect laptops, gaming consoles, DVD players, or other HDMI-enabled devices.
- **USB:** Play media files directly from USB drives.
- **Audio Out:** Connect external speakers or sound systems via the 3.5mm audio jack for enhanced sound.

4.3 Audio Output and Zoom Function

The projector features built-in 3W*1 HiFi speakers. For a more immersive audio experience, it is recommended to connect external speakers via Bluetooth or the audio output port. The projector also includes a 50% zoom function, allowing you to adjust the screen size without moving the projector.

2.4G+5G Ultra Fast Wireless Connection



Figure 6: Enjoy movies and shows with family using the portable projector.

4.4 Projection Quality and Screen Size

The HY300 projector offers a native resolution of 1280x720 and supports Full HD 4K video decoding. It can project a screen size ranging from 40 inches to 130 inches, providing flexibility for various viewing environments.

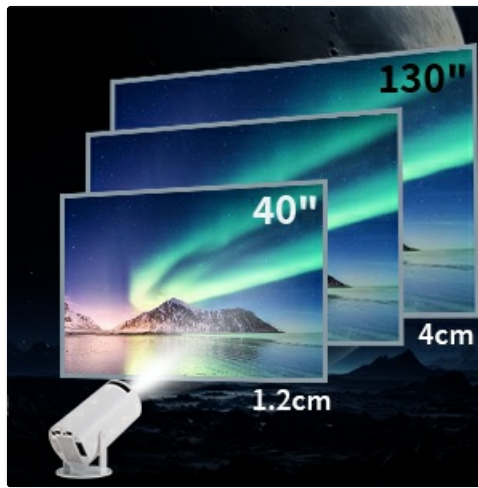


Figure 7: Flexible screen sizes from 40 to 130 inches.

5. MAINTENANCE

5.1 Cleaning the Projector

To ensure optimal performance and longevity, regularly clean your projector.

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens in a circular motion. Avoid using abrasive cleaners or excessive pressure.
- **Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by a dry wipe. Ensure no liquid enters the device.
- **Ventilation Ports:** Periodically check and gently clean the ventilation ports to prevent dust buildup, which can affect cooling efficiency. Use a soft brush or compressed air (held upright and at a distance) if necessary.

5.2 Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. It is advisable to keep it in its original packaging or a protective case to prevent dust accumulation and accidental damage.

5.3 Battery Replacement (Remote Control)

The remote control requires 1 AA battery. If the remote's responsiveness decreases, replace the battery following the instructions in the remote control's battery compartment.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Astarama Mini Projector HY300.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No image or distorted image	<ul style="list-style-type: none"> • Loose power connection • Incorrect input source • Out of focus • Keystone distortion 	<ul style="list-style-type: none"> • Ensure power cord is securely connected. • Verify the correct input source (HDMI, USB, Wi-Fi) is selected. • Adjust the manual focus ring on the lens. • Allow automatic keystone correction to run; reposition projector for horizontal alignment.
No sound or low volume	<ul style="list-style-type: none"> • Volume too low • Muted • External device volume • App-specific audio issues • Bluetooth not connected 	<ul style="list-style-type: none"> • Increase projector volume. • Check if the projector is muted. • Ensure the volume on the connected external device (e.g., phone, laptop) is also turned up. • Some apps may have their own volume controls or limitations; try another app to confirm. • Verify Bluetooth connection to external speakers/headphones.
Wi-Fi/Bluetooth connection issues	<ul style="list-style-type: none"> • Incorrect password • Out of range • Interference 	<ul style="list-style-type: none"> • Double-check Wi-Fi password. • Move projector closer to the Wi-Fi router or Bluetooth device. • Minimize interference from other electronic devices. • Restart the projector and the network device.
Projector overheats or shuts down	<ul style="list-style-type: none"> • Blocked ventilation • Prolonged use 	<ul style="list-style-type: none"> • Ensure ventilation ports are clear and not obstructed. • Allow the projector to cool down after extended use. • Operate in a well-ventilated area.
App compatibility/update issues (e.g., Disney+)	<ul style="list-style-type: none"> • Outdated app version • Android OS version limitations 	<ul style="list-style-type: none"> • Check the app store for available updates. • If an app requires a newer Android version than the projector supports, consider using an external streaming device connected via HDMI.

Problem	Possible Cause	Solution
Image quality not as expected (e.g., not 4K)	<ul style="list-style-type: none"> Native resolution limitation Source content resolution 	<ul style="list-style-type: none"> The projector's native resolution is 1280x720. It supports 4K video decoding, meaning it can process 4K input but will project it at its native 720p resolution. Ensure your source content is high resolution for the best possible output.

7. SPECIFICATIONS

Detailed technical specifications for the Astarama Mini Projector HY300:

Feature	Detail
Brand	Astarama
Model Number	HY300
Item Weight	1.1 pounds (approx. 500 grams)
Product Dimensions	3.97 x 7.48 x 3.97 inches (10.08 x 19 x 10.08 cm)
Color	White
Display Resolution	Native 1280 x 720 (supports 4K video decoding)
Connectivity Technology	Bluetooth 5.0, 2.4G/5G WiFi, HDMI, USB
Operating System	Android 11.0
Special Features	Short Throw, Built-in Speakers, Auto Keystone Correction, 180° Flip, 50% Zoom Function
Recommended Uses	Indoor/Outdoor Home Theater
Visible Screen Diagonal	40" - 130" (101.6 cm - 331 cm)
Built-in Speakers	3W*1 HiFi speakers
Noise Level	Lower than 25 dB
Remote Control Battery	1 AA battery (required)

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the warranty card included with your product or visit the official Astarama website. You may also contact the seller directly through your purchase platform for assistance.

For the latest drivers, firmware updates, and frequently asked questions, please visit: www.astarama.com/support (Note: This is a placeholder URL. Please refer to your product documentation for the actual support website.)



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