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› Astarama HY300 Pro Smart Projector User Manual

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Model: HY300 Pro

INTRODUCTION

Thank you for choosing the Astarama HY300 Pro Smart Projector. This portable projector offers a 180-degree rotatable design, 4K decoding support, Wi-Fi 6, Bluetooth 5.0, and runs on Android 11, providing a versatile entertainment experience. Its compact size and automatic keystone correction make it ideal for both home and outdoor use. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

WHAT'S IN THE BOX

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

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



Image: The Astarama HY300 Pro projector, its remote control, and a projected screen displaying various streaming service icons, illustrating its smart capabilities.

SETUP GUIDE

1. **Unpacking:** Carefully remove the projector and all accessories from the packaging.
2. **Placement:** Place the projector on a stable, flat surface. The 180-degree rotatable design allows for flexible placement, projecting onto walls, ceilings, or floors. Ensure there is adequate ventilation around the device.



Image: The HY300 Pro projector positioned in a bedroom, demonstrating its 180-degree rotation capability by projecting an image onto the ceiling, offering flexible viewing angles.

3. **Power Connection:** Connect the power cord to the projector's power input port and then plug it into a power outlet.
4. **Initial Power On:** Press the power button on the projector or the remote control to turn on the device.
5. **Focus Adjustment:** After booting up, manually adjust the focus ring on the projector lens until the projected image is clear. The projector supports automatic keystone correction for vertical alignment.

130" Screen Projection Display

1.68 Meters Optimal Projection Distance



Image: The HY300 Pro projector demonstrating its automatic keystone correction, projecting a perfectly rectangular image on a wall despite being placed at an angle, with dashed lines illustrating the correction.

OPERATING INSTRUCTIONS

Remote Control Functions

Familiarize yourself with the remote control for easy navigation and operation.

- **Power Button:** Turns the projector on/off.
- **Navigation Buttons:** Up, Down, Left, Right for menu navigation.
- **OK Button:** Confirms selection.
- **Back Button:** Returns to the previous screen.
- **Home Button:** Returns to the main Android interface.
- **Volume Buttons:** Adjusts audio volume.

Connectivity

The HY300 Pro offers multiple connectivity options:

- **Wi-Fi Connection (Wi-Fi 6):**

- a. Navigate to **Settings** on the projector's home screen.
- b. Select **Network & Internet**.
- c. Turn on **Wi-Fi** and select your desired network from the list.
- d. Enter the password if prompted and connect.

- **Bluetooth Connection (Bluetooth 5.0):**

- a. Navigate to **Settings** on the projector's home screen.
- b. Select **Connected Devices** or **Bluetooth**.
- c. Turn on **Bluetooth** and search for available devices.
- d. Select your Bluetooth speaker, headphones, or other audio equipment to pair.

- **Screen Mirroring (Wi-Fi):**

The projector supports screen mirroring from iOS and Android devices via Wi-Fi.

- a. Ensure your mobile device and the projector are connected to the same Wi-Fi network.
- b. On the projector, open the screen mirroring application (e.g., AirScreen, Miracast).
- c. On your mobile device, activate screen mirroring (e.g., Screen Mirroring, Smart View, Cast).
- d. Select the projector from the list of available devices.

Automatic Correction

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



Image: A visual representation of the projector's screen mirroring capability, showing a smartphone, tablet, and laptop wirelessly casting their displays to the HY300 Pro.

- **USB Connection:** Insert a USB drive into the projector's USB port to play media files directly.

Image Adjustment

- **Manual Focus:** Rotate the focus ring on the projector lens to sharpen the image.
- **Automatic Keystone Correction:** The projector automatically corrects vertical trapezoidal distortion. For optimal results, ensure the projector is placed on a level surface. Note that horizontal keystone correction may require manual adjustment if available in settings, but the primary auto-correction is for vertical.
- **Projection Size:** The optimal projection distance for a 130-inch screen is approximately 1.68 meters. Adjust the projector's distance from the screen to achieve your desired image size.

Projective ratio

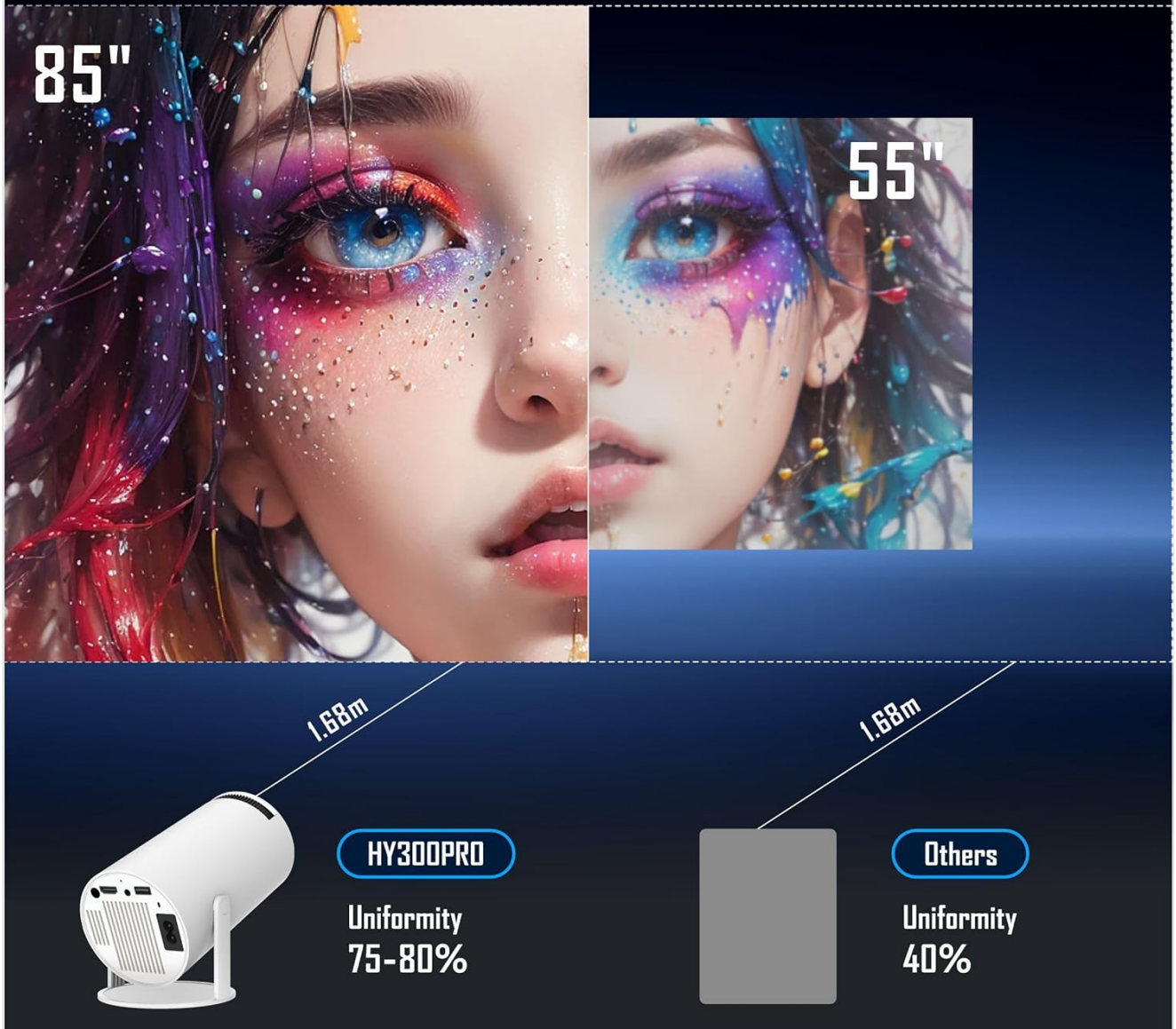


Image: A visual guide illustrating the recommended projection distances for achieving various screen sizes (85", 100", 130") with the HY300 Pro projector, indicating 1.68 meters for a 130" display.

MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Do not use abrasive cleaners or excessive force.
- **Cleaning the Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, but ensure no liquid enters the device.
- **Ventilation:** Ensure the ventilation vents are clear of dust and obstructions to prevent overheating. Do not block the vents during operation.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image projected	Power cable disconnected; Projector not powered on; Input source not selected.	Check power connection; Press power button; Select correct input source.
Image is blurry	Focus not adjusted; Projector too far/close.	Manually adjust the focus ring; Adjust projection distance.
Image is trapezoidal	Projector not perpendicular to screen.	Ensure projector is on a level surface; Auto keystone correction should activate.
No sound	Volume too low; External audio device not connected/paired.	Increase volume; Check Bluetooth connection to external speakers.
Wi-Fi/Bluetooth connection issues	Out of range; Incorrect password; Interference.	Move closer to router/device; Re-enter password; Reduce interference.

SPECIFICATIONS

Feature	Detail
Brand	Astarama
Model	HY300 Pro (Mini Beamer)
Product Dimensions	10.08 x 19 x 10.08 cm
Item Weight	650 g
Display Technology	LCD
Native Resolution	1280 x 720 (HD)
Max Supported Resolution	4K (Decoding Support)
Image Contrast Ratio	1000:1
Aspect Ratio	16:9
Standing Screen Display Size	130 Inches (Max)
Operating System	Android 11
Wireless Connectivity	Wi-Fi 6 (Dual Band), Bluetooth 5.0
Special Features	Auto Focus, Built-In Speaker, Built-In Wi-Fi, Portable, Short Throw, 180° Rotatable
Built-in Speaker	5W Stereo Speakers
Noise Level	Lower than 25 dB
Storage	1GB RAM + 8GB ROM

WARRANTY AND SUPPORT

Astarama products are designed for reliability and performance. For specific warranty details, please refer to the warranty card included with your purchase or visit the official Astarama website.

If you encounter any issues or have questions regarding your Astarama HY300 Pro Smart Projector, please contact our customer support team.

- **Customer Support:** Refer to your purchase documentation or the Astarama official website for contact information.
- **Online Resources:** Check the Astarama website for FAQs, updated manuals, and software downloads.