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## Astarama HY300 Pro+

# Astarama HY300 Pro+ Mini Projector User Manual

Model: HY300 Pro+ | Brand: Astarama

## 1. INTRODUCTION

Welcome to the user manual for your Astarama HY300 Pro+ Mini Projector. This guide provides essential information for setting up, operating, and maintaining your device. The HY300 Pro+ is a versatile and portable smart projector designed for various entertainment and presentation needs, featuring 4K support, WiFi 6, Bluetooth 5.4, Android 11, automatic keystone correction, and a 180-degree rotatable display.

## 2. WHAT'S IN THE BOX

Upon unboxing your Astarama HY300 Pro+ Mini Projector, you should find the following items:

- 1x Projector
- Remote Control
- Power Cord
- User Manual

## 3. PRODUCT OVERVIEW

### 3.1. Physical Description

The Astarama HY300 Pro+ Mini Projector features a compact and lightweight design, measuring approximately 3.97 x 7.48 x 3.97 inches and weighing 1.34 pounds. Its unique exterior includes a 180-degree rotatable stand, allowing for flexible projection angles onto walls, ceilings, or floors.



Figure 1: Astarama HY300 Pro+ Mini Projector with remote control and projected interface.

### 3.2. Ports and Controls

The projector is equipped with various ports for connectivity and a focus dial for image clarity:

- **Power Button:** Located on the device for turning it on/off.
- **USB-C Port:** For power input.
- **HDMI Port:** For connecting external devices like laptops, gaming consoles, or TV sticks.
- **USB Port:** For connecting USB drives to play media files.
- **Headphone Jack:** For connecting external audio devices or headphones.
- **Focus Dial:** A manual dial near the lens to adjust image sharpness.

**NEW**

# HY300Pro+ PROJECTOR

MULTIMEDIA PROJECTOR



**0.8:1**  
Ultra Short Throw

**Automatic Correction**

**Wi-Fi 6** Dual Band  
Wi-Fi 6 BT5.4

**720P**  
Native 1280x720P

**170 ANSI LM**

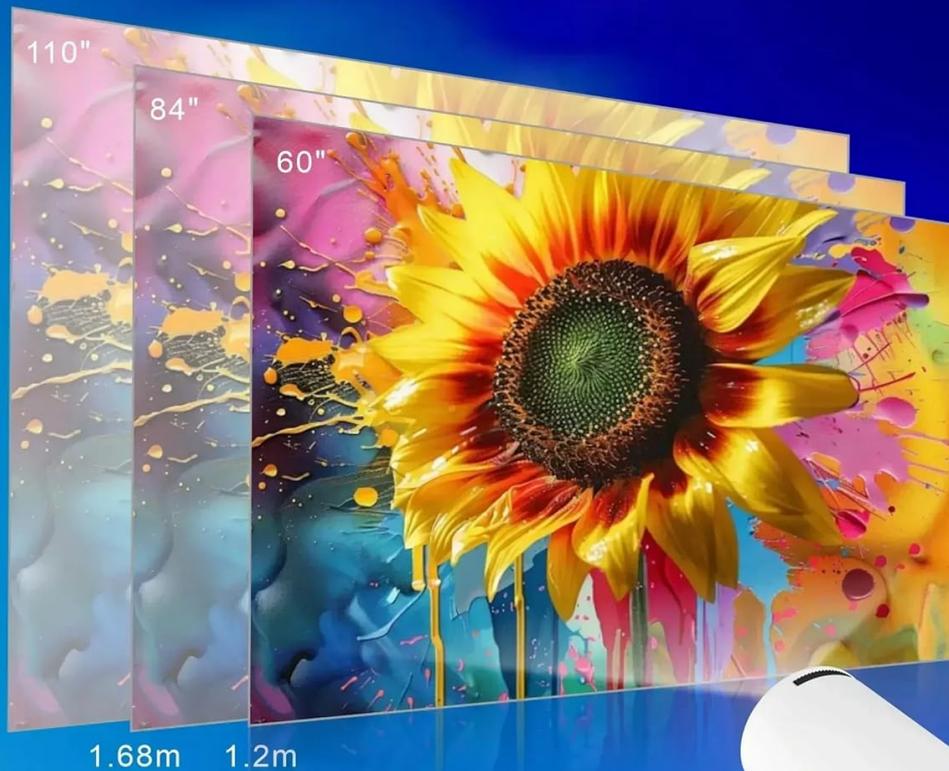
**180°** Free Projection

Figure 2: Rear view of the projector highlighting the various input/output ports.



# 110" SCREEN PROJECTION DISPLAY

1.2 Meters Optimal Projection Distance.



110"

1.2M



Figure 3: Side view of the projector with the focus adjustment dial.

## 4. SETUP

### 4.1. Powering On

1. Connect the power cord to the USB-C port on the projector and plug it into a power outlet.
2. Press the power button on the projector or the remote control to turn on the device. The indicator light will turn green.

### 4.2. Focus Adjustment

Once powered on, adjust the focus dial near the lens until the projected image appears clear and sharp on your desired surface.

### 4.3. Network Connection

The projector runs on Android 11 and supports dual-band WiFi 6 for seamless streaming:

1. Navigate to the 'Settings' menu using the remote control.
2. Select 'Network & Internet' and choose your desired Wi-Fi network.

3. Enter your Wi-Fi password to connect.

#### 4.4. Automatic Keystone Correction

The HY300 Pro+ features automatic keystone correction. The built-in high-precision sensor detects real-time movement and focuses faster and more accurately, ensuring a square picture regardless of the projection angle. Manual adjustments can also be made in the 'Projection Settings' menu.



Figure 4: Automatic keystone correction in action, squaring the projected image.

## 5. OPERATING INSTRUCTIONS

### 5.1. Navigating the Interface

Use the included remote control to navigate the Android 11 interface. The remote allows you to select apps, adjust volume, and control playback.

Your browser does not support the video tag.

Video 1: Demonstrating the projector's interface and remote control functionality.

### 5.2. Streaming Content

With Android 11, you can directly access popular streaming services:

- From the home screen, select apps like Netflix, YouTube, or access the App Store to download more.
- Log in to your accounts and start streaming movies or shows.

### 5.3. Screen Mirroring/Casting

The projector supports screen mirroring from compatible devices. Refer to the 'ScreenCast' or 'Miracast' options in the interface for instructions specific to your device.

### 5.4. Connecting External Devices

- **HDMI:** Connect your laptop, gaming console, or other HDMI-enabled device using an HDMI cable. Select the HDMI input from the projector's source menu.
- **USB:** Insert a USB drive into the USB port. Navigate to 'Files' or 'File Manager' to browse and play media.
- **Bluetooth:** Connect wireless audio devices like speakers or headphones via Bluetooth 5.4 for enhanced sound. The projector can also function as a Bluetooth speaker.

### 5.5. Adjusting Projection Size and Angle

The projector offers a projection size of 40-130 inches with a distance range of 3-13 feet. The 180-degree rotatable design allows you to project onto various surfaces. Adjust the projector's physical angle and use the focus dial for optimal clarity.



# ULTRA SHORT THROW

0.9:1 throw ratio provides you more freedom for projector installation and placement, ensuring it fits any room, big or small, seamlessly.

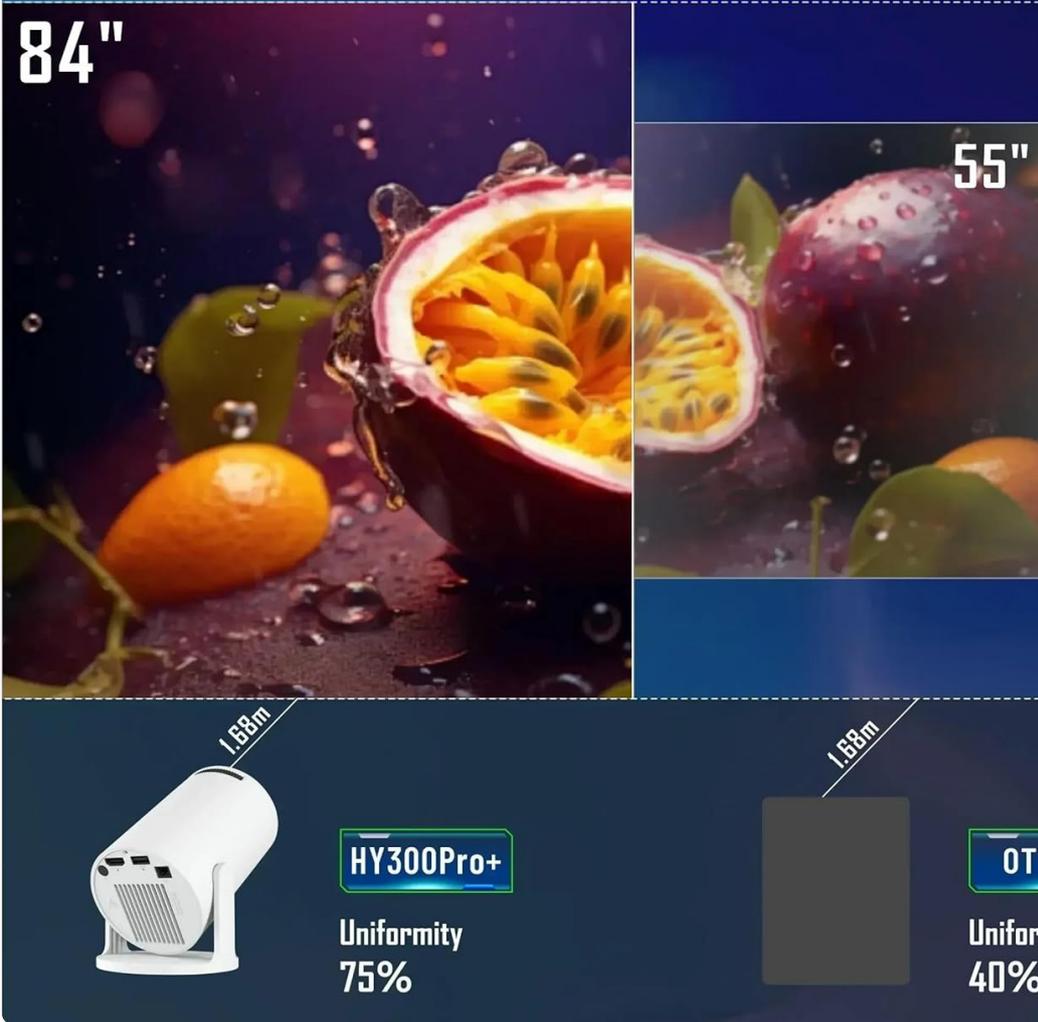


Figure 5: The 180-degree rotatable design allows for flexible projection angles.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your projector:

- Keep the lens clean using a soft, lint-free cloth. Avoid abrasive materials.
- Ensure proper ventilation around the projector to prevent overheating. Do not block the air inlets/outlets.
- Store the projector in a cool, dry place when not in use.

## 7. TROUBLESHOOTING

If you encounter any issues, refer to the following common solutions:

- **Blurry Image:** Adjust the focus dial until the image is clear. Ensure the projection surface is flat.
- **No Sound:** Check the volume settings on the projector and any connected external audio devices. Ensure Bluetooth speakers are properly paired.
- **Connectivity Issues:** Verify your Wi-Fi connection. Ensure HDMI cables are securely connected and the correct input source is selected.

- **Overheating:** Ensure the projector's ventilation is not blocked. Allow the device to cool down if it feels excessively hot.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Astarama
Model Number	HY300 Pro+
Item Weight	1.34 pounds
Product Dimensions	3.97 x 7.48 x 3.97 inches
Display Resolution	1280 x 720 (Supports 4K input)
Connectivity Technology	Wi-Fi 6, Bluetooth 5.4
Operating System	Android 11
Special Features	Auto Focus, Built-In Media Player, Built-In Speaker, Ultra Short Throw, 180° Rotatable Design
Brightness	280 ANSI lumens
Noise Level	Lower than 25 dB

## 9. WARRANTY AND SUPPORT

Warranty and detailed support information are not provided in the current product data. Please refer to the manufacturer's official website or contact their customer service for specific warranty terms and support options.

### Related Documents - HY300 Pro+

 <p>The image shows the cover of a technical specification document for the Astarama HY300 projector. It features a photograph of the projector, a list of icons for various features, and the title 'ASTARAMA HY300' in a vertical banner on the right side.</p>	<p><a href="#">Astarama HY300 Portable LCD LED Projector Specifications</a></p> <p>Discover the Astarama HY300, a portable LCD LED projector featuring HDTV resolution, 1500:1 contrast, integrated media player, Wi-Fi, and Bluetooth connectivity. Ideal for home entertainment and gaming.</p>
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	<p><a href="#">Astarama HY300 LCD LED Projector Specifications and Features</a></p> <p>Comprehensive overview of the Astarama HY300 LCD LED projector, detailing its HDTV resolution, 200 ANSI lumens brightness, 30,000-hour lifespan, integrated media player, Wi-Fi and Bluetooth connectivity, and 4K compatibility. Includes technical specifications and application details.</p>
	<p><a href="#">LQWELL HY300 Smart Projector Quick Installation Guide</a></p> <p>A concise guide to installing and operating the LQWELL HY300 Smart Projector, covering setup, features like Miracast and Airplay, and safety instructions.</p>
	<p><a href="#">LQWELL HY300 Mini Projector User Manual</a></p> <p>Comprehensive user manual for the LQWELL HY300 Mini Projector, covering setup, features, and troubleshooting. Learn how to connect devices, navigate settings, and optimize your viewing experience.</p>
	<p><a href="#">HY300 Projector Quick Installation Guide and Features</a></p> <p>A comprehensive guide to installing and using the HY300 projector, covering setup, settings, connectivity options like Miracast and Airplay, and important safety information.</p>
	<p><a href="#">DITONG HY300 Smart Projector Quick Installation Guide</a></p> <p>A comprehensive quick installation guide for the DITONG HY300 Smart Projector, detailing setup, remote control functions, application management, network and language settings, connectivity options (Wi-Fi, Bluetooth, Miracast, Airplay), audio and projection adjustments, and essential safety precautions.</p>