

Polaring HY300 Pro

Polaring HY300 Pro Projector User Manual

MODEL: HY300 PRO

1. Introduction

Thank you for choosing the Polaring HY300 Pro Projector. This ultra-slim, portable projector is designed to enhance your viewing, gaming, and presentation experiences with its support for 4K and Full HD 1080P resolutions. Featuring a Netflix-licensed smart system, WiFi 6, Bluetooth 5.2, and automatic keystone correction, the HY300 Pro offers a versatile and immersive entertainment solution for various environments.

2. Safety Information

- **Power Supply:** Use only the original power adapter provided with the projector. Ensure the power outlet matches the voltage requirements.
- **Ventilation:** Do not block the ventilation openings on the projector. Ensure adequate airflow around the device to prevent overheating.
- **Placement:** Place the projector on a stable, flat surface. Avoid placing it in direct sunlight, near heat sources, or in environments with high humidity or dust.
- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Lens Care:** Avoid touching the projector lens directly. Use a lens cleaning cloth if necessary.
- **Handling:** Handle the projector with care. Avoid dropping or subjecting it to strong impacts.
- **Disassembly:** Do not attempt to disassemble or repair the projector yourself. Refer all servicing to qualified personnel.

3. Product Overview

The Polaring HY300 Pro Projector features a compact, cylindrical design with an integrated 270° rotatable

stand, allowing for flexible projection angles. It includes essential ports for connectivity and a user-friendly interface.



Figure 3.1: Front view of the Polaring HY300 Pro Projector, showcasing its compact design and lens.

Bright and colorful pictures



Figure 3.2: An example of the projector displaying bright and colorful images, highlighting its visual capabilities.

Delivers High Picture Quality

4K video decoding

260 ANSI

Dual band wifi

1500:1 contrast ratio



Figure 3.3: The projector demonstrating high picture quality and its compatibility with multiple devices including smartphones, laptops, and gaming consoles.

Ports and Controls:

The projector is equipped with HDMI, USB, and audio ports for versatile connectivity. A manual focus wheel is located near the lens for fine-tuning image clarity.

4. Setup

4.1 Initial Placement

Place the projector on a stable surface. The 270° integrated stand allows you to adjust the projection angle to achieve the best viewing position on a wall or ceiling.

4.2 Power Connection

Connect the power adapter to the projector's power input port and then plug it into a wall outlet. The projector will typically power on automatically or can be turned on using the power button or remote control.

4.3 Auto Keystone Correction

The HY300 Pro features automatic trapezoidal correction, which optimizes image alignment within approximately 3 seconds. This function automatically adjusts the image to a perfect rectangular shape even if the projector is placed at an angle.



Figure 4.1: The projector automatically adjusting its image via auto keystone correction to fit the screen perfectly.



Figure 4.2: Illustration of the Advanced Keystone and Auto Focus features, ensuring a clear and uninterrupted viewing experience.

4.4 Electric Focus

Use the electric focus function to quickly obtain clear images. This allows for sharp and crisp visual effects at any projection distance within the recommended range.

5. Operating

5.1 Power On/Off

Press the power button on the projector or the remote control to turn the device on or off. A short press typically puts it into standby, while a long press initiates a full shutdown.

5.2 Android 13 Smart System

The projector runs on the latest Android 13.0 operating system, providing access to a wide range of streaming applications and entertainment options. Navigate the interface using the remote control.

Official Netflix Built-in Smart System

Easily enjoy 20,000+ app, your own entertainment center



Figure 5.1: The projector's interface showing the Official Netflix Built-in Smart System, allowing easy access to various streaming apps.

Built-in Android 13.0

With YouTube, Hulu and other 8000+ entertainment choices for you to watch or play



Figure 5.2: The projector's home screen displaying the Built-in Android 13.0 interface with icons for YouTube, Hulu, Disney+, Netflix, Prime Video, and Plex.

5.3 Wi-Fi Connectivity (Wi-Fi 6)

Connect the projector to your home network using Wi-Fi 6 technology for lightning-fast transmission speeds and stable connections. Go to 'Settings' > 'Network Settings' > 'Wi-Fi' to select your network and enter the password.



Figure 5.3: Visual representation of the projector's 5G+2.4G Dual WiFi6 Connection capability, illustrating faster and smoother streaming.

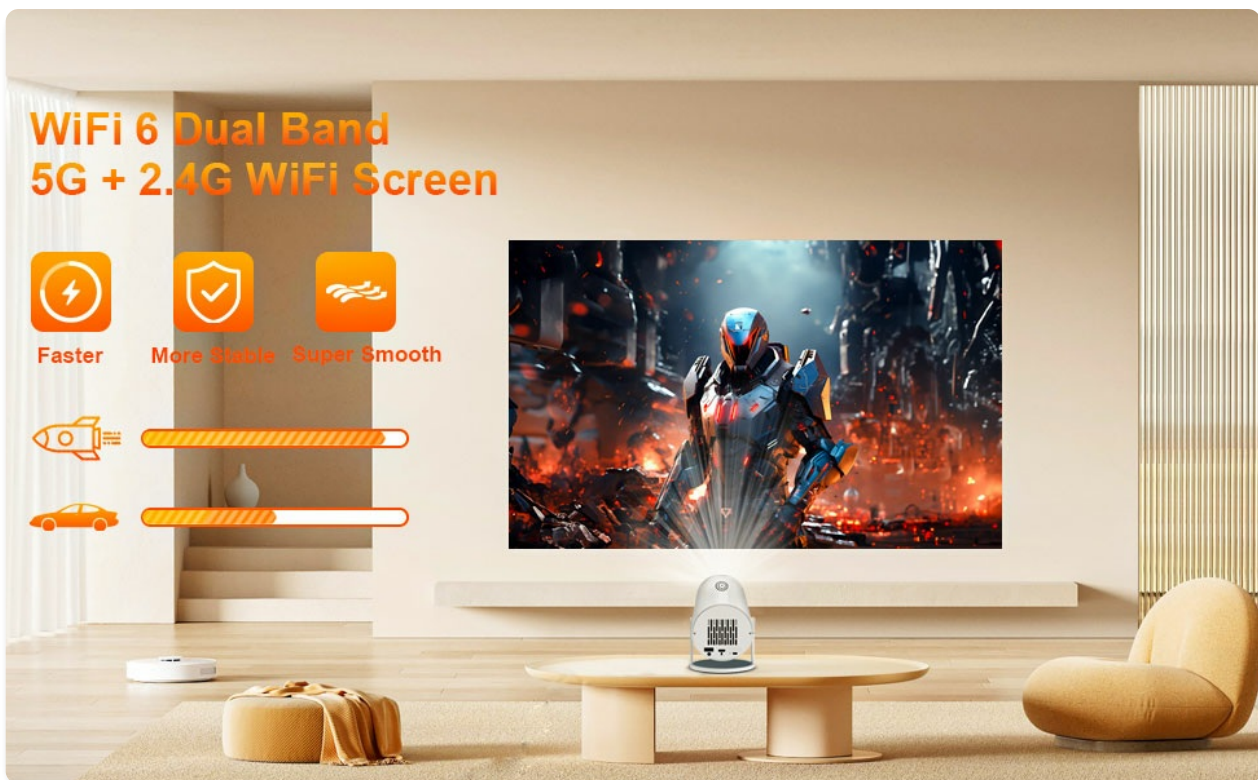


Figure 5.4: The projector highlighting its WiFi 6 Dual Band (5G + 2.4G) screen mirroring capabilities, promising faster, more stable, and super smooth performance.

5.4 Bluetooth Connectivity (Bluetooth 5.2)

Pair the projector with external audio equipment such as Bluetooth speakers or headphones for an immersive audio experience. Go to 'Settings' > 'Bluetooth' to enable Bluetooth and search for available devices.

5.5 Connecting External Devices

The projector includes HDMI and USB ports. Connect smartphones, tablets, laptops, or game consoles using appropriate cables. Select the correct input source from the projector's menu (e.g., HDMI or USB).

5.6 Screen Mirroring

The projector supports wireless screen mirroring for iOS and Android devices. Follow the on-screen instructions or refer to the 'ScreenCast' application within the projector's interface to connect your device.

Your browser does not support the video tag.

Video 5.1: A demonstration of the Polaring HY300 Pro Projector's features, including unboxing, physical adjustments, menu navigation, and projection of content, highlighting its ease of use and versatility.

6. Maintenance

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens in a circular motion to remove dust or smudges. Avoid abrasive materials or excessive pressure.
- **Cleaning the Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by immediate drying.
- **Ventilation:** Regularly check that the ventilation grilles are free from dust and debris. Use a soft brush or compressed air to clear any blockages. Proper ventilation is crucial to prevent overheating and ensure optimal performance.
- **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 use the original packaging or a protective case to

prevent dust accumulation and physical damage.

7. Troubleshooting

- **No Image or Dim Image:**
 - Ensure the projector is powered on and connected to a power source.
 - Check the input source selection (HDMI, USB) matches the connected device.
 - Adjust the focus and keystone correction.
- **Image is Blurry or Distorted:**
 - Adjust the manual focus wheel until the image is sharp.
 - Verify that auto keystone correction is enabled, or manually adjust if needed.
 - Ensure the projection surface is flat and smooth.
- **No Sound or Low Sound:**
 - Check the volume settings on the projector and the connected device.
 - Ensure external audio devices (if connected via Bluetooth or audio jack) are properly paired and functioning.
 - If using HDMI, ensure the audio output is correctly configured on the source device.
- **Cannot Connect to Wi-Fi/Bluetooth:**
 - Ensure Wi-Fi/Bluetooth is enabled in the projector's settings.
 - For Wi-Fi, verify the network password and signal strength. Try moving closer to the router.
 - For Bluetooth, ensure the device is in pairing mode and within range.
- **Projector Overheating:**
 - Ensure all ventilation vents are clear and not obstructed.
 - Operate the projector in a well-ventilated area.
 - Avoid continuous operation for excessively long periods without breaks.
- **External Device Connection Issues (e.g., HDMI/USB port access):**
 - Ensure cables are fully inserted into the correct ports. Due to the compact design, some larger cable connectors or adapters might interfere with adjacent ports. Consider using slimmer cables or adapters if space is an issue.
 - Try a different cable or port on the projector/device.
- **Remote Control Not Responding:**
 - Check and replace the batteries in the remote control.
 - Ensure there are no obstructions between the remote and the projector's IR receiver.
 - Point the remote directly at the projector.
- **System Slow or Unresponsive:**
 - Close unnecessary applications running in the background.
 - Restart the projector.
 - If issues persist, consider performing a factory reset (Note: This will erase all personal data and settings).

8. Specifications

Feature	Specification
Brand	Polaring
Model	HY300 Pro
Operating System	Android 13.0

Feature	Specification
Display Resolution	1280x1024 (Supports 4K and 1080P)
Connectivity Technology	Wi-Fi 6 (Dual Band 5G+2.4G), Bluetooth 5.2
Special Features	Internet Built-In, Auto Keystone Correction, Electric Focus
Recommended Uses	Indoor/Outdoor Home Theater, Gaming, Presentations
Item Weight	1.39 pounds
Product Dimensions	5 x 10 x 11 inches
Color	White Pearl

9. Warranty and Support

The Polaring HY300 Pro Projector comes with a standard manufacturer's warranty. For specific warranty terms, registration, or technical support, please refer to the warranty card included in your product packaging or visit the official Polaring website. Keep your proof of purchase for warranty claims.