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Polaring HY300

Polaring HY300 Mini Projector User Manual

Model: HY300

1. INTRODUCTION

Thank you for purchasing the Polaring HY300 Mini Projector. This manual provides essential information for setting up, operating, and maintaining your projector. Please read it thoroughly before use to ensure optimal performance and longevity of the device.

2. PRODUCT FEATURES

- **Smart HY300 Mini Projector:** Equipped with a 120 ANSI lumen LED light, the HY300 mini projector offers crystal-clear and vivid images, enhancing your viewing, gaming, and presentation experiences.
- **Ultra Portable Design:** This stylish and lightweight projector is your perfect mobile solution, whether it's for home theater settings, outdoor movie nights, business presentations, or gaming. Enjoy entertainment anywhere.
- **Precision Manual Focus:** The HY300 features an advanced manual focus adjustment function, allowing you to effortlessly optimize image clarity. Quickly achieve sharp, clear visual effects.
- **Multi-functional Connection Options:** With HDMI, USB, and audio ports, this projector seamlessly connects to smartphones, tablets, laptops, and game consoles. Experience ultimate convenience and flexibility.
- **Suitable for all scenarios:** Ideal for home theater, outdoor movies, presentations, and games, this projector meets diverse needs, making it a versatile entertainment solution.

3. PACKAGE CONTENTS

Please check the package contents upon unboxing:

- Polaring HY300 Mini Projector
- Power Cord
- Remote Control
- User Manual (this document)

4. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the main components of your HY300 Mini Projector.



Figure 4.1: Front-side view of the Polaring HY300 Mini Projector, showing the lens and ventilation grilles.

1. **Projection Lens:** Emits the image.
2. **Focus Wheel:** Used for manual focus adjustment.
3. **Ventilation Grilles:** Essential for heat dissipation. Ensure they are not obstructed.
4. **Input Ports:** HDMI, USB, Audio Out (located on the side/rear).
5. **Power Input:** Connects to the power cord.
6. **Rotatable Stand:** Allows for 270-degree projection angle adjustment.

5. SETUP GUIDE

5.1 Placement

Choose a suitable location for your projector. For best results, project onto a flat, light-colored surface or a dedicated projector screen. The HY300 features a 270-degree rotatable stand, allowing flexible placement on tables, floors, or even for ceiling projection.

270° Rotatable Stand Project Anywhere

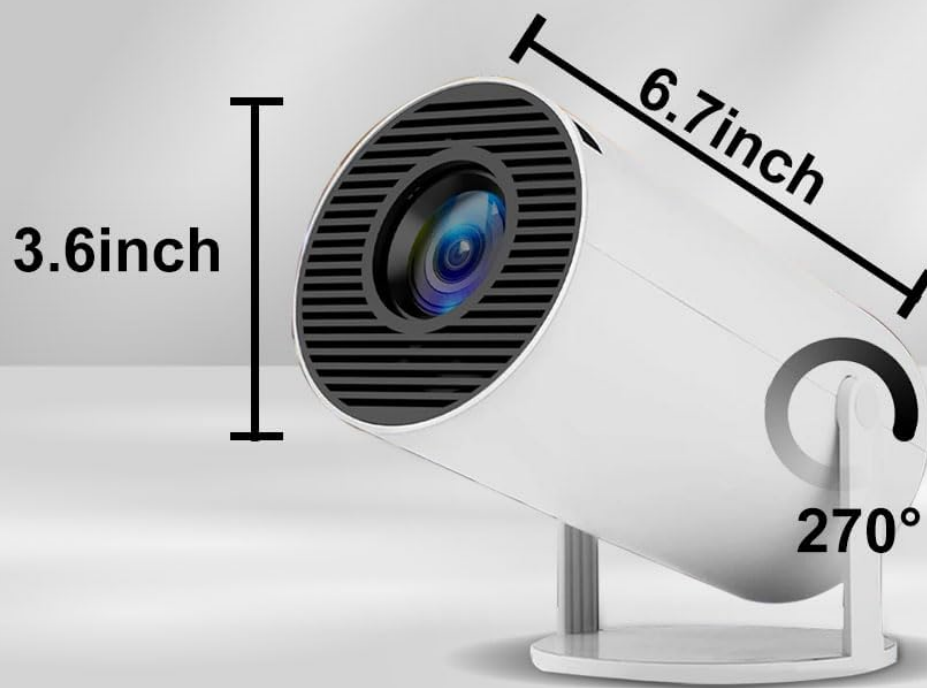


Figure 5.1: The 270° rotatable stand provides versatile projection angles.

Consider the projection distance to achieve your desired screen size. Refer to the throw ratio diagram below:

Throw Ratio:1.37:1

40"-130"Screen Projection Display

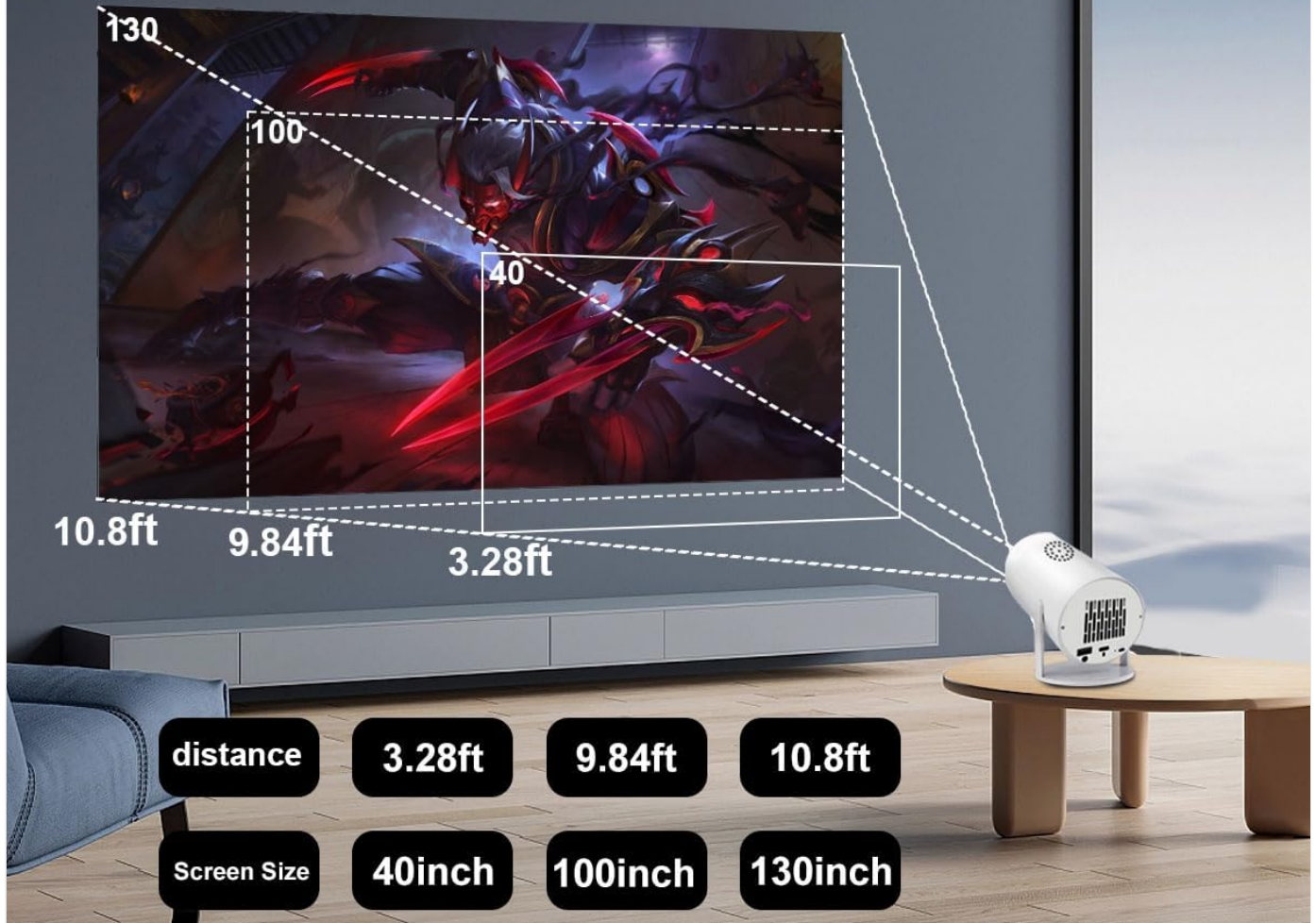


Figure 5.2: Recommended projection distances for various screen sizes. For example, a 100-inch screen requires approximately 9.84 feet (3 meters) of distance.

5.2 Power Connection

Connect the provided power cord to the projector's power input port, then plug the other end into a standard electrical outlet.

5.3 Connectivity

The HY300 Mini Projector offers multiple ways to connect your devices:

Multiple ports and easy connectivity



Figure 5.3: The projector supports various connections including HDMI, USB, and audio output.

- **HDMI:** Connect laptops, game consoles (e.g., PS5), TV sticks, or DVD set-top boxes using an HDMI cable.
- **USB:** Plug in USB drives to play media files directly.
- **Audio Out:** Connect external speakers or headphones for enhanced audio experience.
- **Wi-Fi:** Connect to your home network for smart features and online streaming.
- **Bluetooth:** Pair with Bluetooth headsets or speakers for wireless audio.
- **Wireless Screen Mirroring:** Supports iOS and Android devices for casting content wirelessly.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- **To Power On:** Press the power button on the projector or the remote control.
- **To Power Off:** Press the power button again. The projector will initiate a shutdown sequence.

6.2 Initial Setup and Focus Adjustment

Upon first power-on, the projector may guide you through initial network setup. After selecting your input source, adjust the focus wheel on the projector until the image appears clear and sharp on your screen.

6.3 Source Selection and Navigation

Use the remote control to navigate the projector's interface. Select your desired input source (HDMI, USB, Screen Mirroring, etc.) from the main menu.

6.4 Screen Mirroring (iOS/Android)

To mirror your smartphone or tablet screen:

1. Ensure your projector and mobile device are connected to the same Wi-Fi network.
2. Select the "Screen Mirroring" or "Wireless Display" option on the projector's menu.
3. On your mobile device, activate screen mirroring (e.g., AirPlay for iOS, Smart View/Cast for Android) and select the projector from the list of available devices.
4. Your device's screen will now be displayed on the projector.

Bright and colorful pictures



Figure 6.1: The projector supports wireless screen mirroring from iOS and Android devices, delivering bright and colorful images.

7. MAINTENANCE

- **Lens Cleaning:** 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.
- **Ventilation:** Ensure the projector's ventilation grilles are clear of dust and obstructions. Proper airflow is crucial to prevent overheating. Do not place the projector on soft surfaces that might block vents.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image displayed	Power not connected; Incorrect input source; Lens cap on.	Check power connection; Select correct input source; Remove lens cap.
Image is blurry	Focus not adjusted; Projector too close/far from screen.	Adjust the manual focus wheel; Adjust projection distance.
No sound	Volume too low; External speakers not connected; Incorrect audio output selected.	Increase volume; Connect external speakers if desired; Check audio settings.
Projector overheats and shuts down	Blocked ventilation; Prolonged use in hot environment.	Ensure vents are clear and projector is on a hard, well-ventilated surface; Allow projector to cool down before restarting.
Remote control not responding	Batteries low/dead; No direct line of sight to IR receiver.	Replace batteries; Ensure direct line of sight to the projector's IR receiver.

9. SPECIFICATIONS

Feature	Detail
Brand	Polaring
Model	HY300
Item Weight	1.17 pounds
Product Dimensions	5 x 5 x 8 inches
Country of Origin	China
Special Features	Internet Built-In
Recommended Uses	Indoor/Outdoor
Connectivity Technology	Bluetooth, Wi-Fi, HDMI, USB
Display Resolution	1280x720 (720p)
Brightness	120 ANSI Lumens

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or contact Polaring customer service through the retailer where you purchased the product. Keep your purchase receipt as proof of purchase.

For further assistance, please visit the official Polaring website or contact their support team directly.

