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› Alwtniet HY310 Mini Projector User Manual

Alwtniet HY310

Alwtniet HY310 Mini Projector User Manual

Model: HY310

INTRODUCTION

Thank you for purchasing the Alwtniet HY310 Mini Projector. This manual provides essential information for setting up, operating, and maintaining your projector. Please read it thoroughly before use to ensure proper function and to maximize your viewing experience. The HY310 is a portable smart projector featuring 1080P native resolution with 4K support, autofocus, automatic keystone correction, WiFi 6, Bluetooth 5.4, and an integrated 5W speaker, running on an Android operating system.

IMPORTANT SAFETY INFORMATION

- Do not look directly into the projector lens when the lamp is on.
 - Ensure proper ventilation around the projector to prevent overheating.
 - Use only the provided power adapter.
 - Keep the projector away from water or other liquids.
 - Avoid placing the projector on unstable surfaces.
 - Do not attempt to disassemble or repair the projector yourself. Contact customer support for assistance.
 - Keep out of reach of children.
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PACKAGE CONTENTS

Verify that all items are present in your package:

- Alwtniet HY310 Mini Projector
- Remote Control (Air Mouse)
- Power Adapter
- User Manual (this document)



Image: The Alwniet HY310 Mini Projector shown with its accompanying remote control, illustrating the main components included in the package.

PRODUCT OVERVIEW

Familiarize yourself with the projector's components and ports.

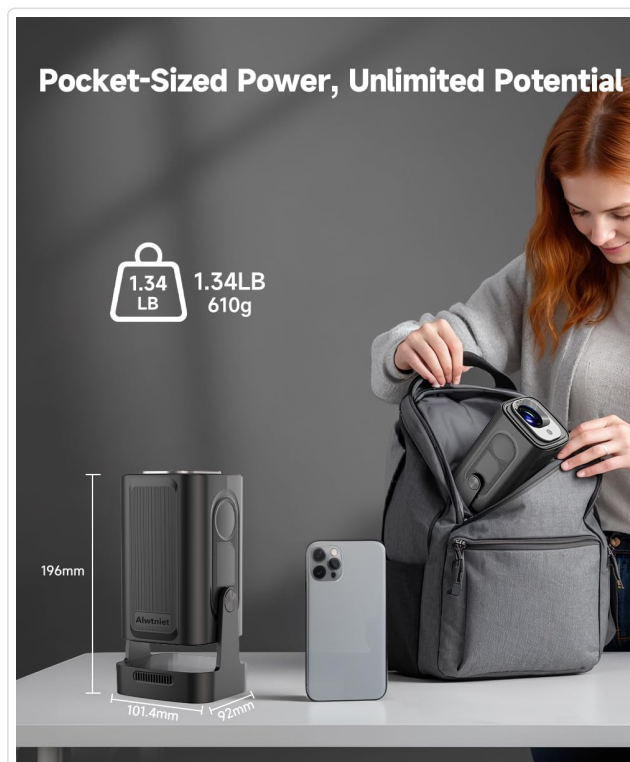


Image: A diagram showing the compact dimensions of the Alwniet HY310 Mini Projector (10.14 x 9.2 x 19.6 cm; 610g), highlighting its portability.

Key Features:

- **Projection Lens:** Emits the image onto the screen.
- **Ventilation Grilles:** For heat dissipation. Do not obstruct.
- **Power Port:** Connects to the power adapter.
- **HDMI Port:** Connects to external devices like laptops, gaming consoles, or streaming sticks.
- **USB Port:** For connecting USB drives for media playback or external devices.
- **Integrated Speaker:** 5W speaker for audio output.

- **Adjustable Stand:** Allows for 180° rotation for flexible projection angles (e.g., ceiling projection).

SETUP GUIDE

1. Placement

Position the projector on a stable, flat surface. The HY310 features a 180° rotatable stand, allowing projection onto walls, ceilings, or floors. For optimal viewing, a projection distance of approximately 4 feet (1.2 meters) is recommended for a 75-inch screen. The short-throw ratio of 0.8:1 allows for a larger image at a closer distance.



Image: A visual representation of recommended projection distances for various screen sizes (75", 100", 150") with the Alwniet HY310 Mini Projector.

2. Power Connection

1. Connect the power adapter to the projector's power port.
2. Plug the power adapter into a wall outlet.

3. Initial Power On

Press the power button on the projector or the remote control to turn on the device. The projector will boot up and display the home screen.

4. Focus and Keystone Correction

The HY310 features automatic focus and automatic keystone correction. Upon startup or movement, the projector will automatically adjust the image for clarity and a rectangular shape. Manual adjustments can also be made via the settings menu if needed.

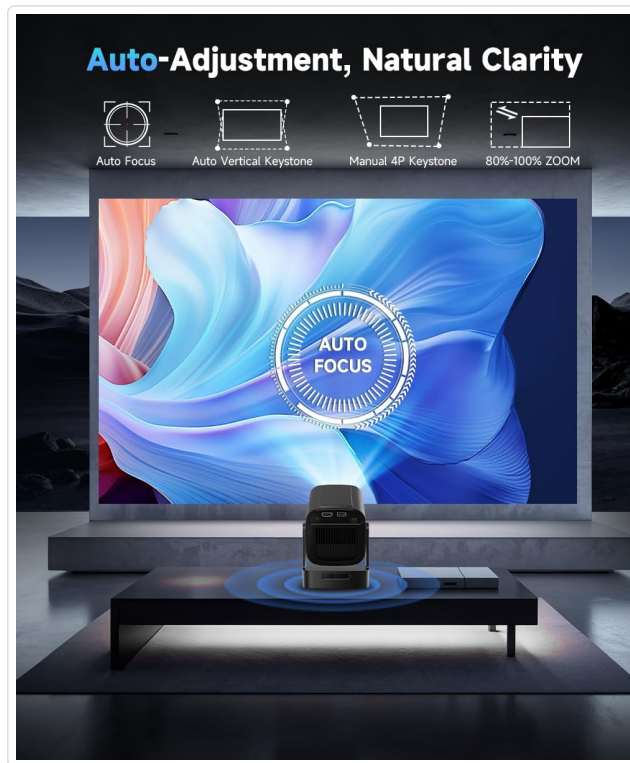


Image: Illustration of the Alwniet HY310 Mini Projector's auto-adjustment features, including auto focus and auto vertical keystone correction, ensuring a clear and properly aligned image.

OPERATING INSTRUCTIONS

1. Remote Control (Air Mouse)

The included remote control functions as both a traditional remote and an Air Mouse. To activate Air Mouse mode, press the dedicated button (often an icon resembling a mouse cursor). Move the remote in the air to control the on-screen cursor. Press the OK button to select items. The remote also supports voice commands for hands-free operation.



Image: A user interacting with the Alwniet HY310 Mini Projector using the Air Mouse remote, demonstrating voice command capabilities for navigation and control.

2. Connecting Devices

- **HDMI:** Connect a laptop, game console, or other HDMI-enabled device using an HDMI cable. Select the HDMI input source from the projector's menu.
- **USB:** Insert a USB flash drive into the USB port to play media files directly. Navigate to the "Files" or "Media Player" application on the projector's home screen.
- **Bluetooth:** Pair Bluetooth speakers or headphones for enhanced audio. Go to Settings > Bluetooth on the projector to search for and connect to devices. The projector supports Bluetooth 5.4.
- **Wi-Fi:** Connect to your home network for internet access and streaming. Go to Settings > Wi-Fi to select your network and enter the password. The projector supports Wi-Fi 6.

3. Using Built-in Android Apps

The HY310 runs on an Android operating system, providing access to various pre-installed applications and the ability to download more from the App Store. Navigate through the home screen to launch apps like streaming services (e.g., Prime Video, YouTube, HBO Max, Hulu) or media players.

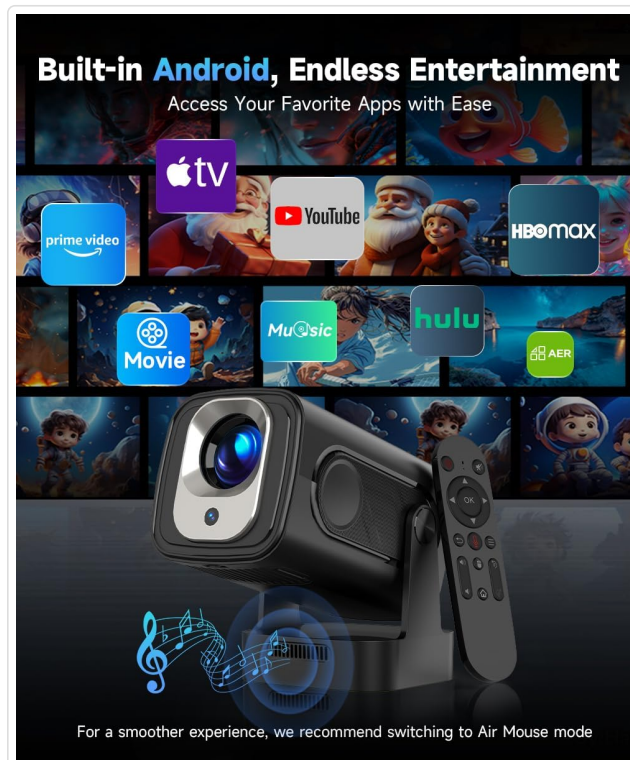


Image: The Alwniet HY310 Mini Projector displaying its Android interface with various streaming and entertainment applications, demonstrating its smart capabilities.

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.
 - **Exterior Cleaning:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by a dry one.
 - **Ventilation:** Ensure the ventilation grilles are free from dust and obstructions. Use a soft brush or compressed air to clear any buildup.
 - **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.
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Troubleshooting

Problem	Possible Cause / Solution
No image displayed	Ensure the power adapter is securely connected and the projector is turned on. Check the input source. Make sure the correct HDMI or USB input is selected. Verify the connected device (e.g., laptop) is powered on and outputting a signal.
Image is blurry	The projector has auto-focus. Try moving the projector slightly or restarting it to trigger auto-focus. Ensure the projection surface is flat and the projector is stable.
Image is distorted (not rectangular)	The projector has auto keystone correction. Try moving the projector slightly or restarting it. Adjust keystone correction manually in the settings menu if auto-correction is insufficient.
No sound	Check the volume level on the projector and the connected source device. If using Bluetooth audio, ensure the external speaker/headphone is properly paired and connected. Note: The product specifications indicate "No AUX" port.
Remote control not responding	Ensure the remote control batteries are correctly inserted and not depleted. Point the remote directly at the projector.

Technical Specifications

Feature	Specification
Brand	Alwtniet
Model	HY310
Display Technology	LCD
Display Type	LED
Native Resolution	1280 x 720 Pixels (1080P supported)
Maximum Display Resolution	3840 x 2160 Pixels (4K supported)
Brightness	260 ANSI Lumens
Image Contrast Ratio	10000:1
Aspect Ratio	16:9
Connectivity Technology	Wi-Fi 6, Bluetooth 5.4
Hardware Interface	HDMI, USB
Special Features	Auto Focus, Digital Keystone Correction, Portable, Wi-Fi Ready, 180° Rotation
Integrated Speaker	5W
Operating System	Android

Feature	Specification
Product Dimensions	10.14 x 9.2 x 19.6 cm
Item Weight	610 g
Mounting Type	Tabletop Mount

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official Alwniet website. If you encounter any issues not covered in this manual, please contact Alwniet customer service for assistance.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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