

Alwtniet HY320mini

HY320mini Projector User Manual

MODEL: HY320MINI

1. Introduction

Thank you for purchasing the Alwtniet HY320mini Projector. This portable smart projector is designed to deliver a high-quality viewing experience with its native 720P resolution, 4K/1080P support, and 12000 lumens brightness. Equipped with advanced features like WiFi 6, Bluetooth 5.0, Android TV, auto vertical keystone correction, and a 180° rotatable stand, it offers versatile entertainment and presentation options. Please read this manual thoroughly before using the product to ensure proper operation and maintenance.

2. Safety Information

- Do not look directly into the projector lens when the lamp is on.
- Ensure proper ventilation around the projector to prevent overheating. Do not block ventilation openings.
- Use only the power adapter supplied with the projector.
- Keep the projector away from water, moisture, and flammable materials.
- Avoid placing the projector on unstable surfaces.
- Do not attempt to disassemble or repair the projector yourself. Refer all servicing to qualified personnel.
- Clean the projector with a soft, dry cloth. Do not use liquid or aerosol cleaners.

3. Package Contents

Please check the package contents upon unboxing:

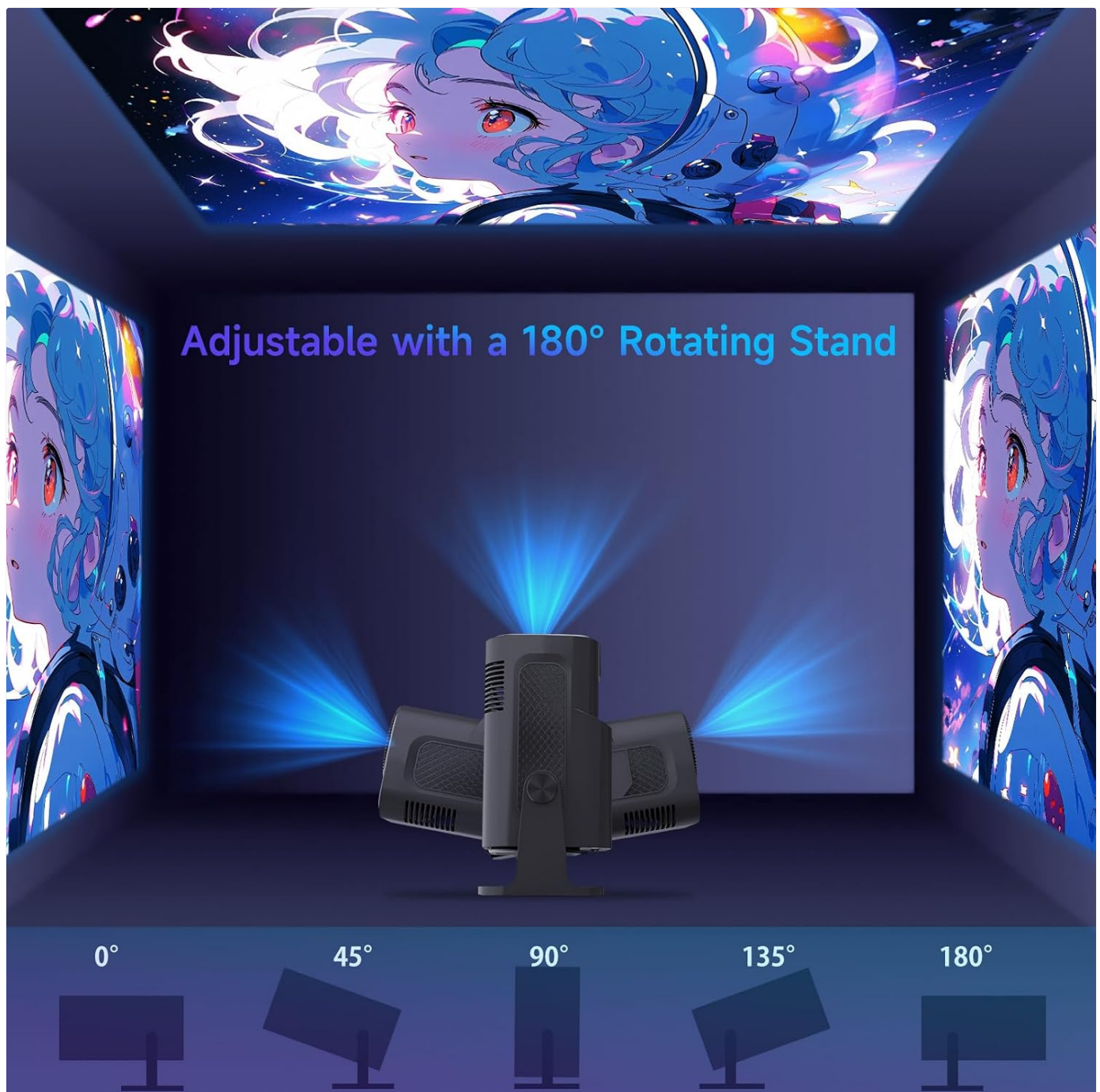
- HY320mini Projector
- Power Cord
- Remote Control
- User Manual (this document)

4. Product Overview

Familiarize yourself with the components of your HY320mini Projector.

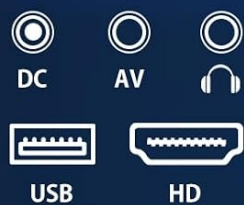


Front view of the Alwniet HY320mini Projector, showcasing its lens and ventilation grilles.



The projector features a sturdy 180° adjustable stand, allowing for flexible projection angles from floor to ceiling.

Wide Compatibility



DC

AV

USB

HD



TV Stick



Smartphones



DVD Player



Laptop/PC



Headphones



PlayStation



Speakers



USB Memory

Overview of the projector's connectivity options, including DC power, AV, USB, and HD ports, supporting various devices.



The compact and lightweight design of the HY320mini projector makes it highly portable, easily fitting into a backpack for travel.

5. Setup

5.1 Power Connection

Connect the supplied power cord to the projector's AC port and then plug it into a power outlet.

5.2 Placement and Angle Adjustment

Place the projector on a stable surface. Utilize the 180° rotatable stand to adjust the projection angle as needed. This allows for projection on walls, ceilings, or even floors.



The projector positioned on a table, casting an image onto a screen or wall, demonstrating typical setup.



The projector mounted for ceiling projection, illustrating its versatility in placement for various viewing environments.

5.3 Projection Distance and Screen Size

The projector supports an adjustable projection size range from 30 to 150 inches. For optimal image quality and visual enjoyment, a viewing distance of approximately 2 meters is recommended.

Auto Keystone Correction



Illustration of recommended projection distances (e.g., 1.2m for 40 inches, 2m for 80 inches) to achieve various screen sizes.

6. Operating Instructions

6.1 Power On/Off

Press the power button on the projector or the remote control to turn the unit on or off.

6.2 Navigation and Input Selection

Use the remote control to navigate the Android TV interface. Select your desired input source (HDMI, USB, etc.) or launch applications.

6.3 Auto Vertical Keystone Correction

The projector features built-in precision sensors for automatic vertical keystone correction. This function automatically adjusts the image to be rectangular even if the projector is placed at an angle.

Ultra Fast WiFi 6 Connection

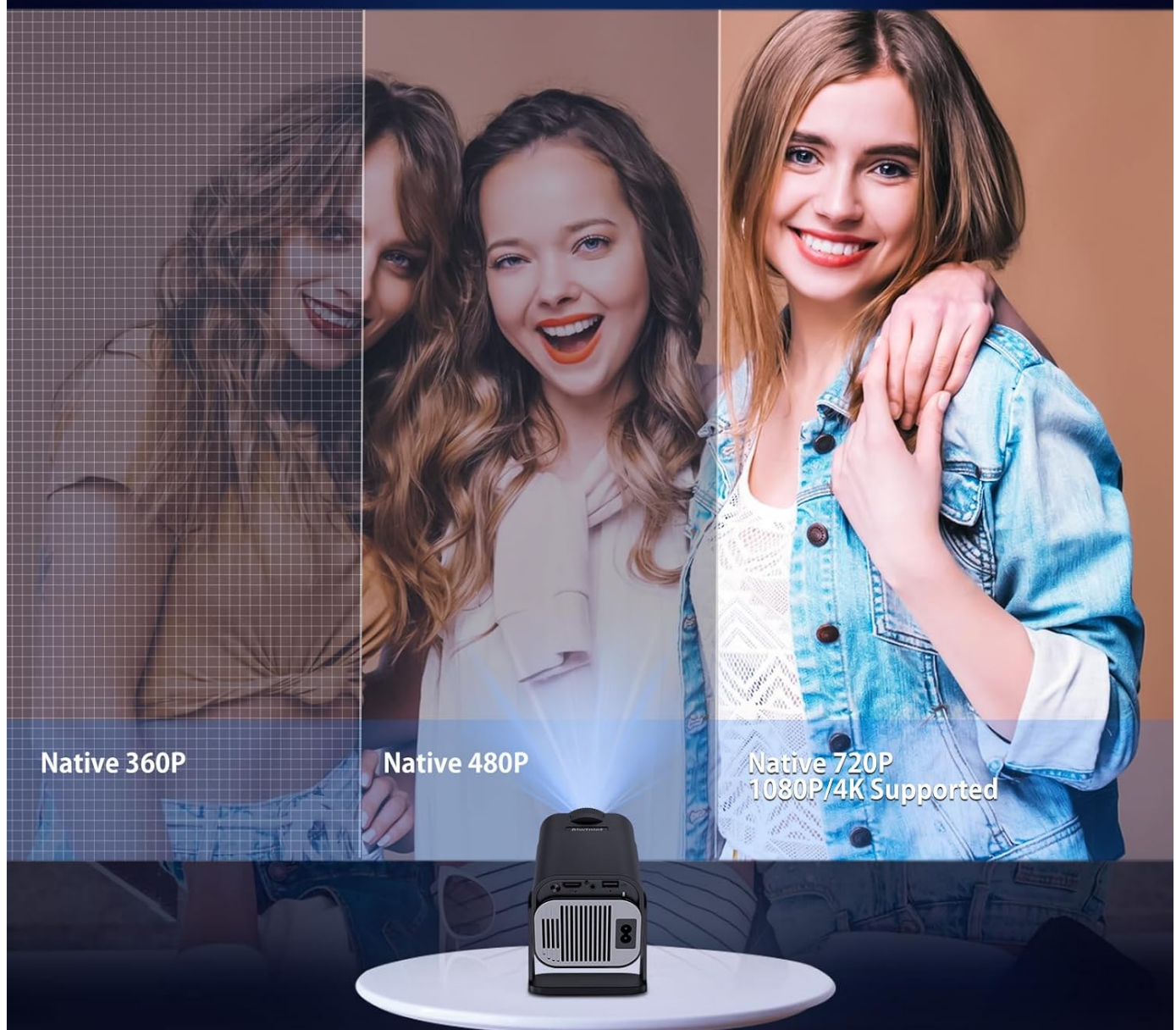


Visual representation of the auto keystone correction feature, showing how a distorted image is automatically squared.

6.4 Manual Focus Adjustment

While the projector handles keystone automatically, you may need to manually adjust the focus using the focus wheel on the projector to achieve the sharpest image.

Delivers Clear Image



A visual comparison demonstrating the clear image quality delivered by the projector, supporting up to 4K resolution.

7. Connectivity

7.1 WiFi 6 Connection

The HY320mini supports advanced dual-band WiFi 6 (5GHz & 2.4GHz) technology for smoother and faster wireless connectivity. Navigate to the network settings in the Android TV interface to connect to your WiFi network.



Short Distance Projection & High Quality Large Screen

The projector's support for faster WiFi 6 and Bluetooth technologies, enabling seamless streaming and audio connections.

7.2 Bluetooth 5.0

With built-in stereo speakers and Bluetooth 5.0, you can connect external Bluetooth speakers or headphones for an enhanced audio experience. Access Bluetooth settings in the Android TV menu to pair devices.

7.3 Wired Connections

The projector includes HD (HDMI), USB, and AC ports for connecting various devices such as TV sticks, smartphones (via screen mirroring), DVD players, laptops/PCs, and USB memory devices.

8. Maintenance

8.1 Cleaning the Lens

Gently wipe the projector lens with a soft, lint-free cloth designed for optical surfaces. Do not use abrasive cleaners or excessive force.

8.2 Cleaning the Exterior

Wipe the exterior of the projector with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by a dry cloth.

8.3 Ventilation

Ensure that the ventilation openings are clear of dust and debris to maintain optimal airflow and prevent overheating. Periodically use compressed air to gently clear dust from vents.

9. Troubleshooting

- **No Image/Power:** Ensure the power cord is securely connected and the power outlet is functional. Press the power button on the projector or remote.
- **Blurry Image:** Adjust the manual focus wheel on the projector. Ensure the projection surface is flat and the projector is within the recommended distance.
- **Distorted Image (not rectangular):** The projector has auto vertical keystone correction. Ensure the projector is placed on a stable surface. If issues persist, try repositioning the projector.
- **No Sound:** Check the volume settings on the projector and any connected external audio devices. Ensure Bluetooth devices are properly paired.
- **Screen Mirroring Issues:** Please note that apps like Netflix, Amazon Prime Video, and Hulu do not support screen mirroring due to copyright protections. For these services, it is recommended to use the built-in Android TV apps or connect a streaming stick via HDMI.
- **Fan Noise:** Some fan noise is normal during operation to dissipate heat. Ensure ventilation openings are not blocked.
- **Cannot Install Apps:** The projector supports upgrading and installing apps. Ensure you have a stable internet connection and sufficient storage.

10. Specifications

Feature	Specification
Brand Name	Alwtniet
Model Number	HY320mini
Display Resolution	Native 1280 x 720 (Supports 4K/1080P)
Brightness	12000 Lumens
Connectivity Technology	HDMI, USB, AC, WiFi 6 (2.4GHz/5GHz), Bluetooth 5.0
Special Features	Built-in Speakers, Auto Vertical Keystone Correction, 180° Rotatable Stand
Product Dimensions	9.99 x 5.35 x 5.8 inches
Item Weight	1.61 pounds
Color	Black
Recommended Uses	Indoor

11. Warranty and Support

For warranty information and technical support, please refer to the contact details provided on the product packaging or the official Alwtmnet website. Keep your purchase receipt as proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question