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› ONOAYO AY3 Mini Projector User Manual

ONOAYO AY3

ONOAYO AY3 Mini Projector User Manual

Model: AY3

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your ONOAYO AY3 Mini Projector. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Image 1: ONOAYO AY3 Mini Projector. This image displays the compact projector unit with its adjustable stand, projecting a vibrant image onto a curved screen in the background.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- ONOAYO AY3 Mini Projector
- Adjustable Stand
- Remote Control (AAA batteries not included)
- HDMI Cable
- Power Cable
- Cleaning Cloth
- User Manual

3. SETUP

3.1 Attaching the Adjustable Stand

The ONOAYO AY3 features a 360° rotating, detachable stand for flexible projection angles.

1. Prepare the projector, screws, and projector bracket.
2. Rotate the screws and tighten them to secure the projector to the stand.
3. Rotate the projector to your desired position for projection.



Image 2: Stand Assembly. This diagram illustrates the steps for attaching the 360° adjustable stand to the projector, highlighting its tool-free installation and rotatable design.

3.2 Powering On

Connect the power cable to the projector and a suitable power outlet. Press the power button on the projector or remote control to turn on the device.

3.3 Adjusting Focus and Keystone

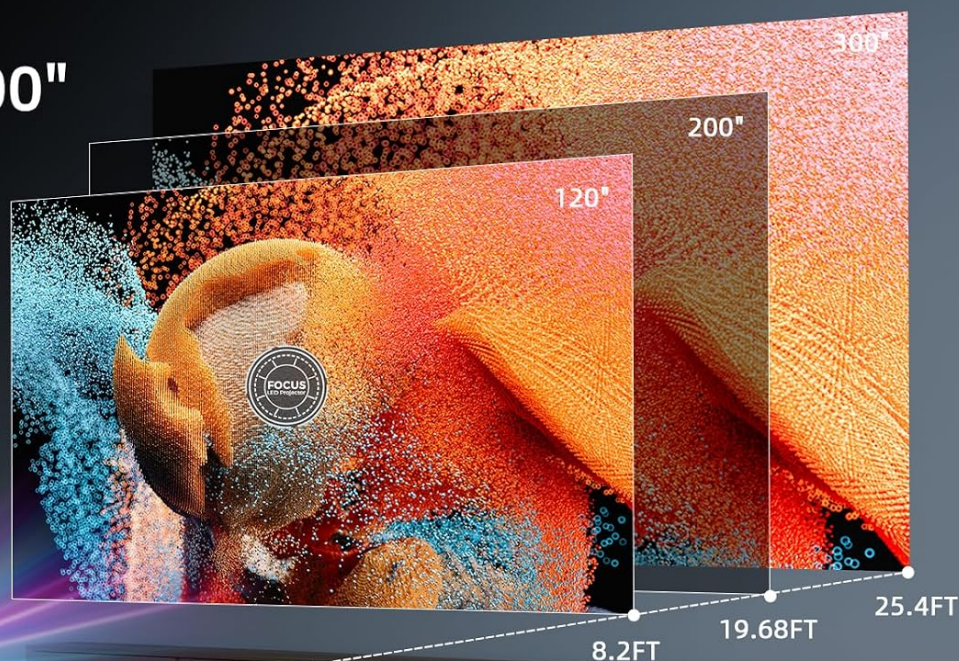
The projector features automatic vertical keystone correction and electric focus for a clear image.

- **Auto Keystone:** The projector automatically corrects vertical image distortion (up to $\pm 30^\circ$). Manual adjustment ($\pm 50^\circ$) is also available.
- **Electric Focus:** Use the remote control to adjust the focus for a sharp image. Look for the 'F+' and 'F-' buttons or similar focus controls on your remote.

ENJOY BIG SCREEN 300"



75"TV Screen



Electric Focus



F+ F-
Set Focus
Easier

Auto Keystone
Correction



Vertical only
Also Support
Electric Keystone

Screen size (in)	60	100	120	220	300
Projection distance (ft)	3.28	6.56	8.2	19.68	25.4

The size tested under ONOAYO ideal laboratory conditions are for reference only.

Image 3: Focus and Keystone Adjustment. This image illustrates the remote control functions for electric focus and automatic keystone correction, ensuring a clear and properly shaped image.

3.4 Connectivity Options

The AY3 projector offers various connection methods:

- **Wi-Fi 6:** Supports dual-band 5G and 2.4G networks for high-speed wireless connections.
- **Bluetooth 5.4:** Two-way Bluetooth for connecting to external speakers or headphones.
- **HDMI:** Connect devices like laptops, gaming consoles, or TV sticks.
- **USB:** For media playback from USB drives.
- **3.5mm Audio Jack:** For wired audio output.



Image 4: Projector Ports. This image highlights the USB, HDMI, and 3.5mm audio jack ports on the projector, along with the IR receiver and DC power input.

4. OPERATING INSTRUCTIONS

4.1 Navigating the User Interface

Use the remote control's arrow keys and 'OK' button to navigate through the projector's main menu. The main interface typically includes options for WiFi, Wireless (Screen Mirroring), Wired (HDMI/USB), Movie, Music, Photo, and Text.

4.2 Screen Mirroring (Wireless)

The projector supports iOS Mirroring and Android & PC Mirroring. Ensure your device and the projector are connected to the same Wi-Fi network.

1. Select "Wireless" from the main menu.
2. Choose "iOS Mirroring" or "Android & PC Mirroring" based on your device.
3. Follow the on-screen instructions to connect your smartphone or PC. This typically involves connecting your phone to the projector's Wi-Fi network (or the same home network), then using your device's screen mirroring function to select the projector.

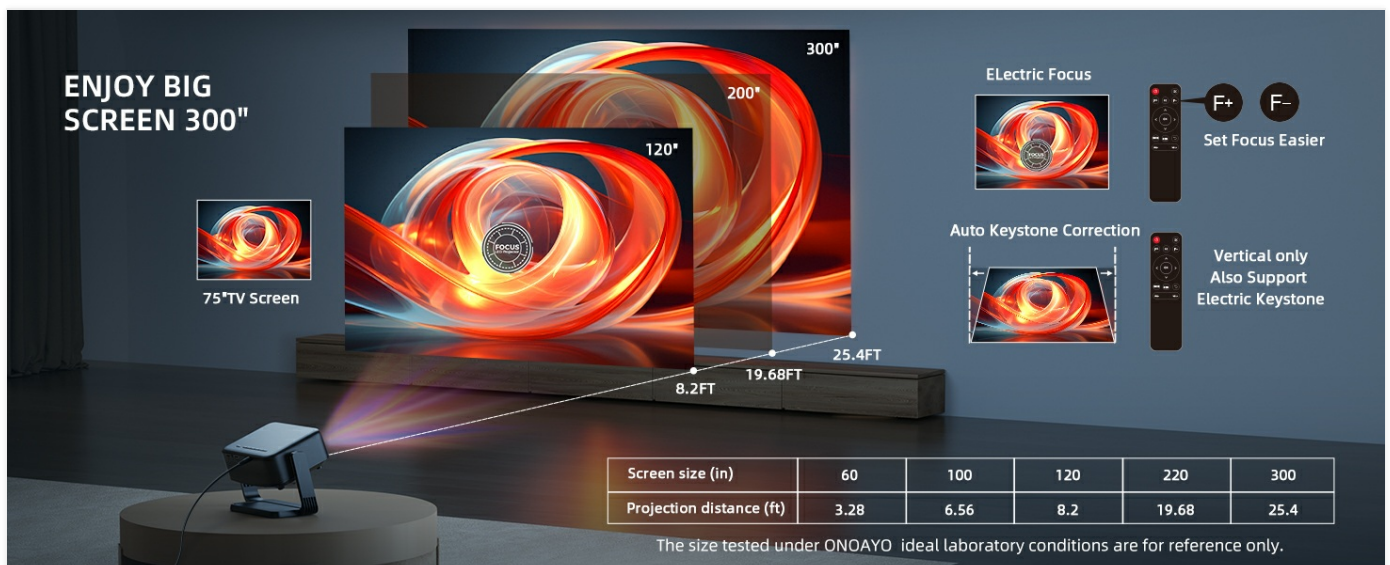


Image 5: Wireless Connectivity. This image highlights the projector's Wi-Fi 6 and Bluetooth 5.4 capabilities, demonstrating a smartphone wirelessly connected and displaying content on a large screen.

Note on HDCP: Due to HDCP copyright restrictions, direct mirroring from your phone for streaming services like Netflix or Amazon Prime Video is not supported. To watch these services, connect a TV stick (e.g., Fire TV Stick) or a laptop via HDMI.

4.3 Digital Zoom

The projector supports 70% digital zoom, allowing you to adjust the projection size without physically moving the projector. Access this feature through the projector's settings menu.



Image 6: Digital Zoom. This image demonstrates the projector's ability to digitally zoom the image from 100% to 70%, allowing for flexible screen sizing without moving the unit.

4.4 Eye-Care Mode

The AY3 includes a blue light eye-care mode designed to reduce eye strain. This mode can be activated through the projector's display settings.

4.5 90° Counterclockwise Mirror Rotate

When mirroring a smartphone screen that is in portrait mode, the projector can rotate the image 90° counterclockwise to landscape mode. This eliminates the need to adjust your phone or projector setup for optimal viewing.



Image 7: Mirror Rotate Function. This diagram illustrates how the projector can rotate a mirrored smartphone screen 90 degrees counterclockwise, adapting portrait content to a landscape projection without manual device adjustment.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your projector.

- **Lens Cleaning:** Use the provided cleaning cloth to gently wipe the projector lens. Avoid abrasive materials or harsh chemicals.
- **Dust Removal:** Periodically clean the projector's vents to prevent dust buildup, which can affect cooling and performance.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your ONOAYO AY3 Mini Projector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image or blurry image	Incorrect focus, keystone distortion, or incorrect input source.	Adjust electric focus using the remote. Correct keystone automatically or manually. Ensure the correct input source (HDMI, USB, Wireless) is selected.
Cannot mirror streaming apps (Netflix, Prime Video) from phone	HDCP copyright restrictions.	Connect a TV stick (e.g., Fire TV Stick) or a laptop via HDMI to play copyrighted content.
No sound or low sound	Volume too low, external speaker not connected, or incorrect audio output selected.	Increase projector volume. Ensure Bluetooth speaker is properly paired or wired speaker is connected to the 3.5mm audio jack. Check audio settings on the projector and connected device.
Wi-Fi connection issues	Incorrect password, out of range, or network interference.	Verify Wi-Fi password. Ensure the projector is within range of your router. Try connecting to both 2.4G and 5G networks if available. Restart router and projector.

7. SPECIFICATIONS

Feature	Detail
Brand	ONOAYO
Model Number	AY3
Display Resolution	1920 x 1080 (Native 1080P)
Brightness	1000 ANSI Lumens
Contrast Ratio	20,000:1

Feature	Detail
Connectivity Technology	Bluetooth 5.4, Wi-Fi 6 (5G & 2.4G), HDMI, USB, 3.5mm Audio Jack
Special Features	360° Adjustable Stand, Built-In Dual 8W Hi-Fi Speakers, Electric Focus, Auto Keystone Correction (Vertical $\pm 30^\circ$, Manual $\pm 50^\circ$), Digital Zoom (70%), Eye-Care Mode, 90° Counterclockwise Mirror Rotate
Item Weight	2.92 pounds
Product Dimensions	4.23 x 4.64 x 3.15 inches
Light Source Lifespan	Over 70,000 hours

8. WARRANTY AND SUPPORT

The ONOAYO AY3 Mini Projector is designed for durability, featuring a light source with a lifespan exceeding 70,000 hours.

- **Warranty:** The product includes a 36-month reliability warranty.
- **Customer Support:** For any questions, technical assistance, or support needs, please contact ONOAYO customer service. Contact information can typically be found on the product packaging or the official ONOAYO website.

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