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› ONOAYO AY3 Mini Projector User Manual

## ONOAYO AY3

# ONOAYO AY3 Mini Projector User Manual

Brand: ONOAYO

Model: AY3

## INTRODUCTION

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This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your ONOAYO AY3 Mini Projector. Please read this manual thoroughly before using the product to ensure proper operation and longevity.

## PACKAGE CONTENTS

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The following items are included in your package:

- Mini Projector
- Stand

(Note: Additional accessories such as a remote control, power adapter, and various cables for connectivity (HDMI, USB, audio) are typically included to facilitate the projector's full functionality.)

## SETUP

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### 1. Assembling the Adjustable Stand

The AY3 mini projector features a 360° rotatable stand for versatile 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 the desired position. The stand allows for full 360° rotation without tools.

# ONOAYO UPGRADE AY3

360° Adjustable Stand & Tool-free & Non-destructive



Image: The ONOAYO AY3 Mini Projector shown with its 360-degree adjustable stand, highlighting the tool-free rotation capability. An inset image shows a comparison with other projectors that may require tools and drilling.

## 2. Initial Power On

Connect the power adapter to the projector's DC input and then to a power outlet. The projector will power on.

## 3. Positioning the Projector

Place the projector on a stable surface. The 360° adjustable stand allows for projection onto walls, screens, or even ceilings.

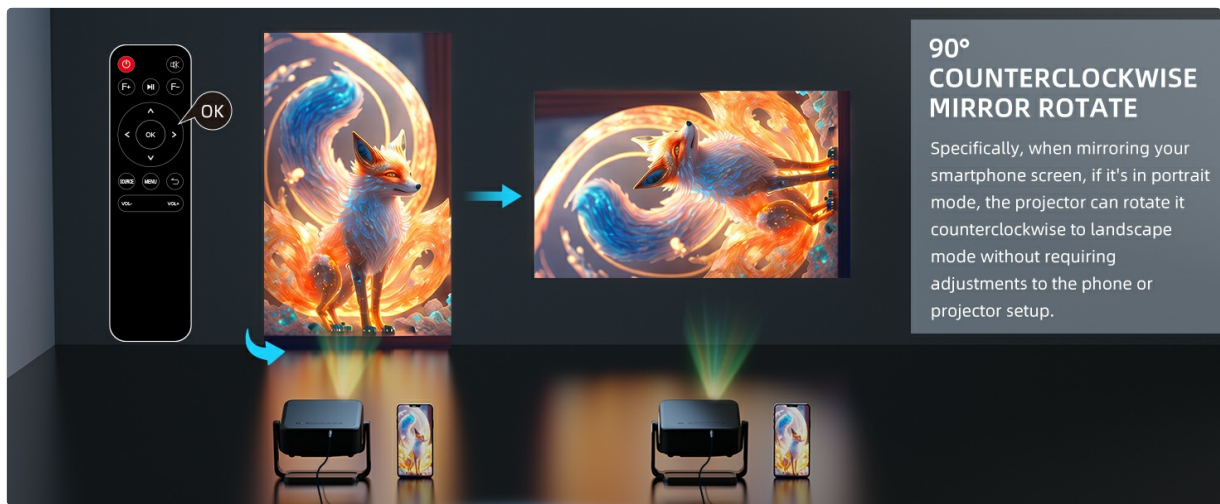


Image: A family enjoying a movie projected onto the ceiling using the ONOAYO AY3 Mini Projector, demonstrating its versatile projection capabilities for various viewing positions.

## 4. Connecting Input Sources

The AY3 projector supports multiple input options:

- **HDMI:** Connect devices like laptops, TV sticks, gaming consoles, or DVD players using an HDMI cable.
- **USB:** Insert a USB flash drive to play media files directly.
- **3.5mm Audio Jack:** Connect external speakers or headphones for enhanced audio.
- **Wireless Connectivity (WiFi 6 & Bluetooth 5.2):**
  - **WiFi 6:** Connect to your home network for screen mirroring from smartphones or tablets. Note: Due to HDCP copyright restrictions, direct mirroring of streaming services like Netflix or Amazon Prime from phones is not supported. A TV stick (e.g., Fire TV Stick) connected via HDMI is recommended for these services.
  - **Bluetooth 5.2:** Connect to Bluetooth speakers for audio output or use the projector as a Bluetooth speaker itself.



Image: A close-up view of the ONOAYO AY3 Mini Projector's rear panel, illustrating the available input and output ports including USB, HDMI, 3.5mm Audio Jack, DC power input, and IR receiver. Text indicates compatibility with phones, iPads, laptops, TV sticks, TV boxes, DVD players, USB flash drives, and speakers.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

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

## 2. Adjusting Focus (Electric Focus)

The AY3 features electric focus for clear images. Use the dedicated focus buttons (F+ / F-) on the remote control to adjust the image sharpness. This allows for quick adjustments without physically moving the projector.

**ENJOY BIG SCREEN 300"**

75"TV Screen

120"

200"

300"

8.2FT

19.68FT

25.4FT

**Electric Focus**

**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: A diagram illustrating the electric focus and auto keystone correction features of the ONOAYO AY3 Mini Projector, showing how the remote control buttons adjust image clarity and shape. It also includes a table of recommended projection distances for various screen sizes.

## 3. Auto Keystone Correction

The projector automatically corrects vertical trapezoidal distortion, ensuring a straight and sharp image within approximately 3 seconds. Manual vertical correction is also possible via the remote control.

## 4. Zoom Function

The projector supports a 70% zoom function, allowing you to adjust the projection size without moving the projector.

## Removable and Installable Video Projector

Silent shaft for durability

Stable bracket for safety



360° rotatable for versatile projection

Tool-free installation for convenience

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**1** Prepare the projector, screws, and projector bracket.
- 

**2** Rotate the screws and tighten them to secure the projector.
- 

**3** Rotate the projector to the position you want.
- 

**4** Rotate the projector to the position you want.

Image: An illustration of the 70% zoom function on the ONAYO AY3 Mini Projector, demonstrating how the projected image size can be reduced without moving the projector, useful for fitting the image within a specific screen area.

### 5. Screen Mirroring and Rotation

For screen mirroring from your smartphone, the projector supports 90° counterclockwise mirror rotation. This allows you to project content from a portrait-oriented phone screen into a landscape format without needing to adjust the phone or projector setup.

## 90° COUNTERCLOCKWISE MIRROR ROTATE

Specifically, when mirroring your smartphone screen, if it's in portrait mode, the projector can rotate it counterclockwise to landscape mode without requiring adjustments to the phone or projector setup.




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Image: A visual guide demonstrating the 90-degree counterclockwise mirror rotation feature of the ONAYO AY3 Mini

Projector, showing how a portrait-oriented phone screen can be mirrored and rotated to fit a landscape projection without manual adjustments.

## 6. Audio Output

The AY3 has a built-in speaker. For a more immersive audio experience, connect external Bluetooth speakers or a soundbar.



Image: An illustration emphasizing the two-way Bluetooth 5.2 capability of the ONOAYO AY3 Mini Projector, showing it can connect to external Bluetooth devices for audio output or function as a standalone Bluetooth speaker.

## MAINTENANCE

### 1. Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Avoid using abrasive cleaners or cloths that could scratch the lens.

### 2. Cleaning Vents

Regularly check and clean the projector's ventilation openings to prevent dust buildup, which can affect performance and lead to overheating. Use a soft brush or compressed air to remove dust.

### 3. Storage

When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for an extended period, consider using the original packaging or a protective case.

## TROUBLESHOOTING

### Common Issues and Solutions

Problem	Possible Cause	Solution
No image or blurry image	Incorrect focus; Projector too far/close; Lens dirty; Incorrect input source.	Adjust electric focus using the remote. Ensure projector is within optimal projection distance. Clean the lens. Select the correct input source.
No sound	Volume too low; Muted; External speaker not connected or off; Incorrect audio output selected.	Increase volume. Check mute settings. Ensure external Bluetooth speaker is paired and powered on. Verify audio output settings.
Cannot mirror streaming apps (Netflix, Amazon Prime) from phone	HDCP copyright restrictions.	Connect a TV stick (e.g., Fire TV Stick) or other streaming device via HDMI to play copyrighted content.
Image is trapezoidal or distorted	Projector not perpendicular to screen.	The projector features auto keystone correction for vertical distortion. Adjust manually via remote if needed.
Overheating or fan noise	Blocked vents; Prolonged use.	Ensure vents are clear and unobstructed. Allow the projector to cool down if used for extended periods. Normal fan noise is expected during operation for heat dissipation.

## SPECIFICATIONS

Feature	Detail
Brand	ONOAYO
Model Number	AY3
Display Resolution	1920 x 1080 (Native 1080P FHD)
Brightness	500 ANSI Lumens
Contrast Ratio	20000:1
Connectivity Technology	Bluetooth 5.2, WiFi 6, HDMI, USB, 3.5mm Audio Jack
Special Features	360° Adjustable Stand, Built-In Speaker, Electric Focus, Auto Keystone Correction, Lightweight & Portable
Item Weight	2.9 pounds
Product Dimensions	4.23 x 4.64 x 3.15 inches
Recommended Uses	Home Cinema, Outdoor Camping, Gaming, Garden Parties

## WARRANTY AND SUPPORT

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ONOAYO is committed to long-term customer satisfaction. We offer 24/7 customer service to assist with any inquiries or support needs regarding your AY3 Mini Projector. Please refer to your purchase documentation for specific warranty terms and contact information.

For assistance, you can reach out to [support\\_us@onoayo.net](mailto:support_us@onoayo.net).