

Model: AY3 | Brand: ONOAYO

Overview

The ONOAYO AY3 is a portable mini projector designed for indoor and outdoor use. It features a 360° adjustable stand, electric focus, auto keystone correction, and supports WiFi 6 and Bluetooth 5.4 connectivity. The projector delivers native 1080p resolution with a brightness of 1000 ANSI lumens.



What's in the Box

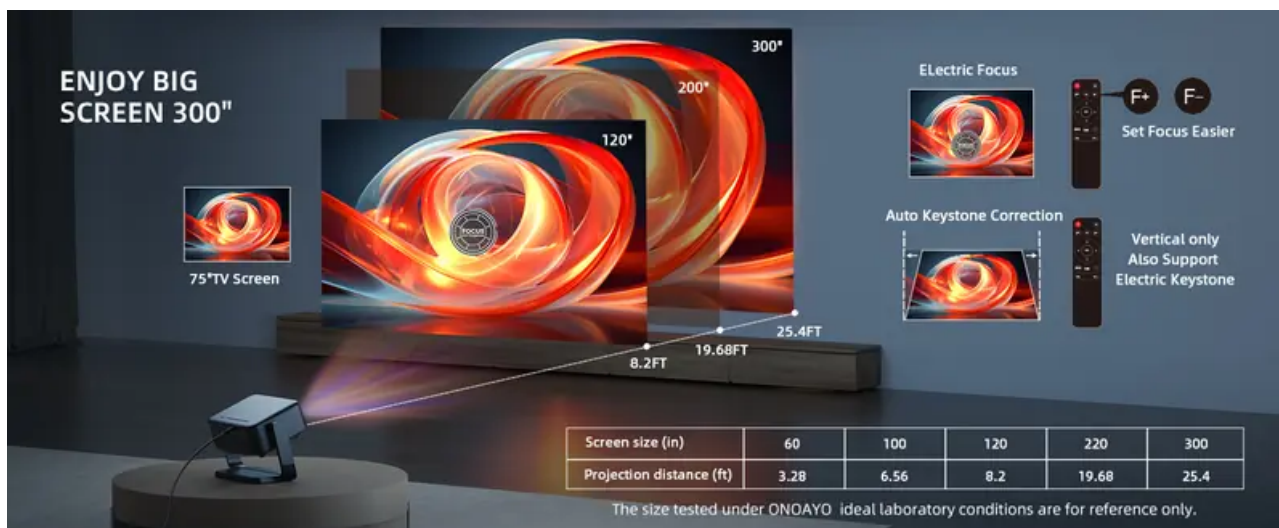
- Mini Projector (AY3) × 1
- 360° Adjustable Stand × 1
- Remote Control × 1

- Power Adapter × 1
- User Manual × 1

Features

360° Tool-free Adjustable Stand

The projector includes a detachable stand that rotates 360°, allowing you to project onto walls, ceilings, or tables without tools. The stand can be removed for compact storage.



ENJOY BIG SCREEN 300"

75" TV Screen

300"

200"

120"

19.68FT

25.4FT

8.2FT

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.

1000 ANSI Brightness & 1080p Resolution

Utilizing 3-chip 3-LCD technology and 50 high-brightness LED bulbs, the projector delivers native 1920 × 1080 resolution with a 20,000:1 contrast ratio.

Auto Keystone & Electric Focus

Automatic vertical keystone correction ($\pm 30^\circ$ manual, $\pm 50^\circ$ manual) ensures a square image. The remote control provides one-touch motorized focus adjustment.



5G WIFI BLUETOOTH PROJECTOR

Wireless connectivity has never been easier

5G Wi-Fi 6

Bluetooth 5.4

Wireless Connectivity

- **WiFi 6:** Dual-band 2.4G & 5G support for faster streaming.
- **Bluetooth 5.4:** Two-way Bluetooth for connecting external speakers or headphones.

Built-in Hi-Fi Speakers

Dual 8W speakers provide stereo sound. Note: Dolby Sound is not supported; disable Dolby settings on connected devices.

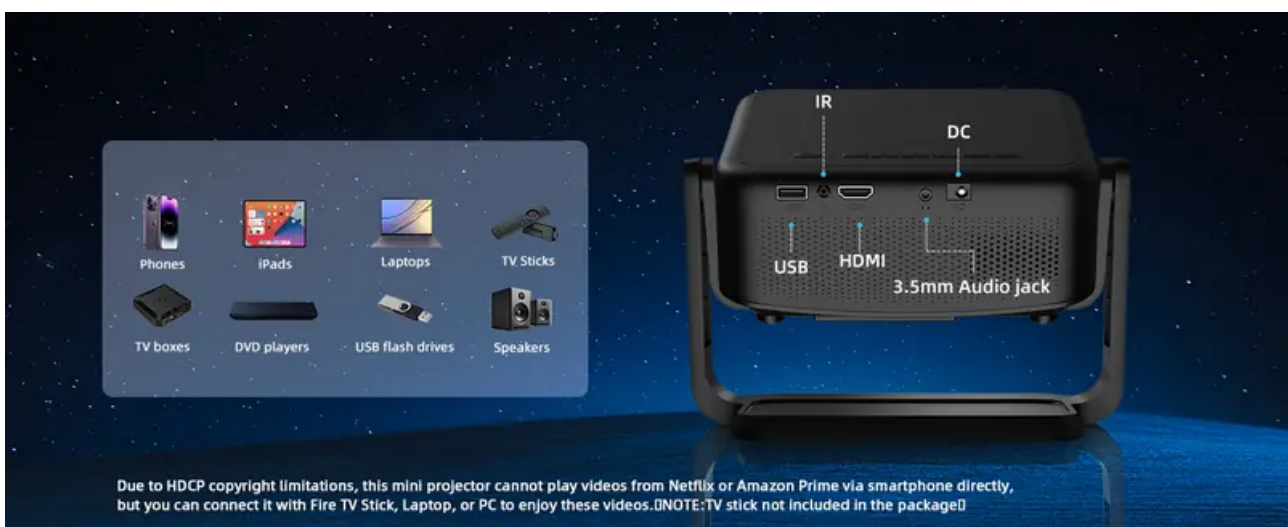
Digital Zoom & Aspect Ratio

Supports 70%–100% digital zoom and both 4:3 and 16:9 aspect ratios.



90° Mirror Rotate

The image can be rotated 90° for ceiling projection or other orientations.



Eye-Care Mode

A blue light reduction mode is available to reduce eye strain during extended viewing.

Specifications

Specification	Details
Brightness	1000 ANSI lumens
Native Resolution	1920 × 1080 (1080p FHD)
Display Technology	LCD (3-chip 3-LCD)
Contrast Ratio	20,000:1
Wireless	WiFi 6 (2.4G & 5G), Bluetooth 5.4
Special Functions	Electric focus, Auto vertical keystone ($\pm 30^\circ$ auto, $\pm 50^\circ$ manual)
Zoom	70% – 100% digital
Projection Size	40" – 300"
Throw Distance	3.28 ft – 19.68 ft
Built-in Speakers	Dual 8W Hi-Fi
Connectivity Ports	HDMI, USB, 3.5mm audio jack
Power Input	100V – 240V, 50/60Hz
Lamp Life	70,000+ hours
Dimensions (L×W×H)	6.8 × 5.7 × 3.2 inches (173 × 145 × 81 mm)
Weight	1.5 lbs (0.68 kg)
Color	Black

Use Guide

1. Installing the Stand

1. Align the nut holes on the bottom of the projector with the head holes on the stand.
Ensure the head protrusion fits into the groove on the projector bottom.

2. Rotate and tighten the screws until the projector is stable.
3. The stand rotates 360° without tools. Adjust to your desired angle.

2. Powering On

1. Connect the power adapter to the projector and plug into a wall outlet (100V–240V).
2. Press the power button on the projector or remote control.

3. Adjusting the Image

- **Focus:** Use the remote control's electric focus button to sharpen the image. For best results, balance focus across the entire image rather than over-sharpening one area.
- **Keystone:** The projector automatically corrects vertical keystone ($\pm 30^\circ$). For manual adjustment ($\pm 50^\circ$), use the settings menu.
- **Zoom:** Adjust digital zoom between 70% and 100% using the remote or on-screen menu.
- **Aspect Ratio:** Switch between 4:3 and 16:9 in the settings menu.

4. Connecting Devices

- **WiFi:** Go to Settings > Network > WiFi. Select your network and enter the password.
- **Bluetooth:** Go to Settings > Bluetooth. Pair with external speakers or headphones.
- **HDMI:** Connect gaming consoles, laptops, or TV sticks to the HDMI port.
- **USB:** Insert a USB drive to play media files directly.
- **3.5mm Audio:** Connect external speakers or headphones via the audio jack.

5. Streaming Services (Netflix, Amazon Prime, etc.)

Important: Due to HDCP copyright restrictions, the AY3 cannot directly mirror your phone to play Netflix, Amazon Prime, or similar streaming services. To access these services, connect a TV stick (e.g., Fire TV Stick) to the HDMI port. This provides a faster and more reliable experience than built-in app systems.

6. Using the Remote Control

- **Power:** Turn projector on/off.
- **Focus +/-:** Adjust electric focus.
- **Volume +/-:** Control built-in speaker volume.
- **Menu:** Access on-screen settings.
- **Directional pad:** Navigate menus.
- **OK:** Confirm selection.

7. Eye-Care Mode

Enable blue light reduction in the settings menu to reduce eye strain during extended viewing sessions.

Troubleshooting

Image is Blurry

- Use the remote control's electric focus to adjust. Balance focus across the entire image for optimal clarity.
- Ensure the projector is at the correct distance from the screen (3.28 ft – 19.68 ft).

No Sound or Distorted Audio

- Check that the volume is not muted.
- If using external speakers, verify Bluetooth connection or 3.5mm cable.
- Disable Dolby Sound settings on connected devices, as Dolby is not supported.

Cannot Play Netflix/Amazon Prime via Phone Mirroring

- This is due to HDCP copyright protection. Use a TV stick (e.g., Fire TV Stick) connected via HDMI to stream these services.

WiFi Connection Issues

- Ensure you are within range of your router.
- Restart the projector and router.
- Check that you are selecting the correct network (2.4G or 5G).

Remote Control Not Working

- Replace the batteries in the remote.
- Ensure there are no obstructions between the remote and the projector's IR sensor.

Warranty and Support

The ONOAYO AY3 projector comes with a 3-year warranty and exchange service. For support, contact the ONOAYO team at support_us@onoayo.net.

For installation guide videos or further assistance, reach out via email with your purchase details.

Safety and Care

- Use the projector in a well-ventilated area. Do not block the cooling vents.
- For best image performance, use in a dim or dark environment.
- Clean the lens with a soft, dry cloth. Do not use abrasive cleaners.
- Do not expose the projector to rain or moisture.
- Unplug the power adapter during thunderstorms or if not in use for extended periods.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.