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› ONAYO AY2Pro Portable Projector User Manual

ONAYO AY2PRO

ONAYO AY2Pro Portable Projector User Manual

Model: AY2PRO | Brand: ONAYO

INTRODUCTION

The ONAYO AY2Pro Portable Projector is a compact and versatile device designed for various projection needs, from home cinema to outdoor use. It features electric focus, auto keystone correction, dual-band WiFi, and two-way Bluetooth, offering a convenient and high-quality viewing experience. Its portable design, including an adjustable carrying strap, makes it easy to transport and set up in different environments.

WHAT'S IN THE BOX

- Mini Projector (AY2Pro) x 1
- Portable Carrying Strap x 1
- Power Cord x 1
- HDMI Cable x 1
- Remote Control x 1 (*Batteries not included*)
- User Manual x 1

PRODUCT OVERVIEW



Figure 1: Front view of the ONOAYO AY2Pro Portable Projector, showcasing its compact design and lens.

CAN CONNECT MULTIPLE DEVICES



Figure 2: Rear view of the projector, highlighting the USB interface, HDMI interface, and 3.5mm audio jack for various connections.

Physical Features:

- **Compact Design:** The projector is designed for portability, measuring approximately 5.31 x 4.64 x 4.56 inches and weighing 2.42 pounds.
- **Integrated Carrying Strap:** An adjustable strap is included for easy transport.
- **Lens Cap:** An exclusively designed, removable, and washable lens cap is provided for dust protection.

Ports and Controls:

- **USB Interface:** For connecting USB devices.
- **HDMI Interface:** For connecting devices via HDMI cable.
- **3.5mm Audio Jack:** For connecting external audio devices.
- **Power Input:** For connecting the power cord.
- **Control Buttons:** Located on the device for basic navigation and power.
- **Remote Control:** Provides full control over projector functions, including focus and keystone correction.

SETUP

1. Power Connection:

1. Connect the provided power cord to the projector's power input port.
2. Plug the other end of the power cord into a suitable electrical outlet.
3. Press the power button on the projector or remote control to turn on the device.

2. Placement and Initial Adjustment:

Place the projector on a stable, flat surface, or mount it using a compatible tripod or ceiling mount. Ensure the projection surface (wall or screen) is clean and clear.

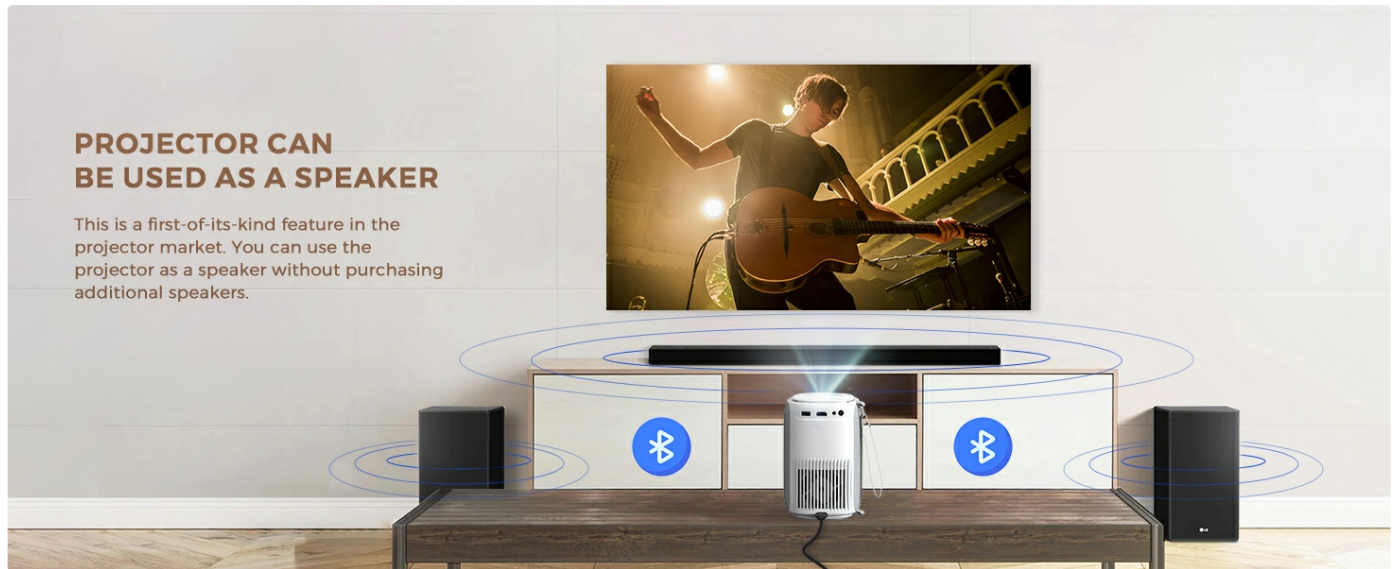


Figure 3: The projector supports various projection methods, including tabletop, suspended ceiling, or tripod use.

OPERATING INSTRUCTIONS

1. Automatic Focus and Keystone Correction:

The AY2Pro features electric focus and auto keystone correction, simplifying image adjustment. When the projector is moved or powered on, it will automatically adjust the image for optimal clarity and shape.

- **Electric Focus:** Once the projector is positioned, the electric focus feature allows for precise image clarity adjustment via the remote control, eliminating the need for manual lens rotation.
- **Auto Keystone:** The projector automatically corrects trapezoidal distortion, ensuring a rectangular image even when projected at an angle.

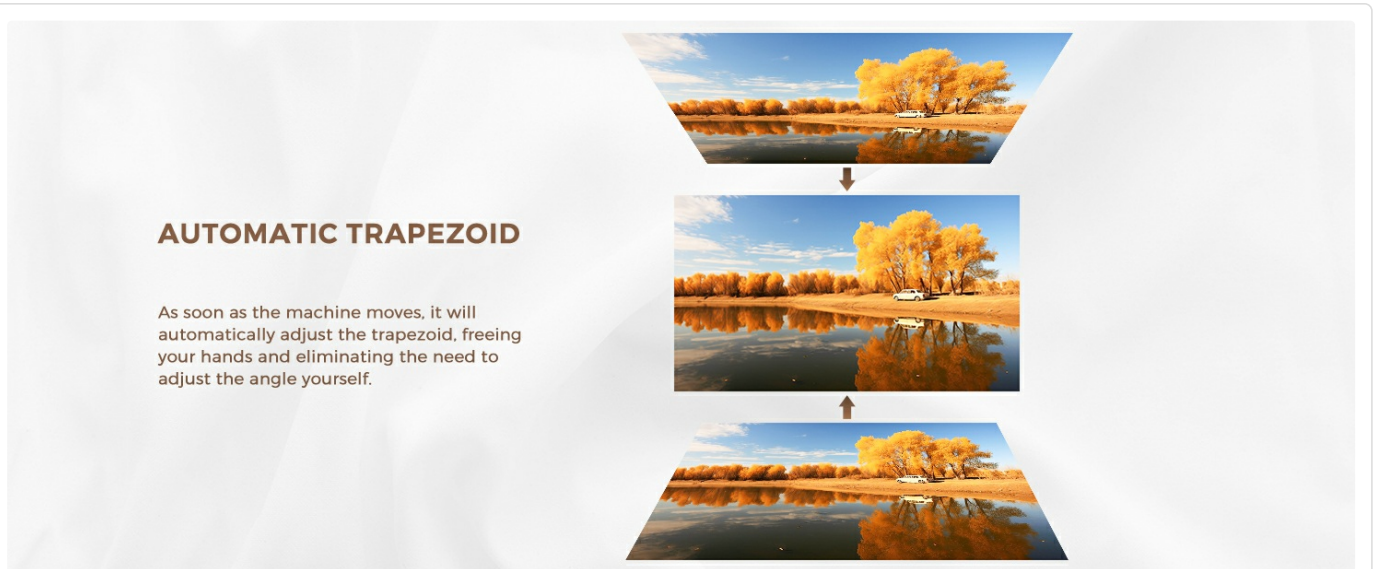


Figure 4: Illustration of the electric focus mechanism, allowing for precise image clarity adjustment.



Figure 5: Demonstration of automatic trapezoid correction, ensuring a perfectly rectangular image.

2. Wireless Screen Mirroring (WiFi):

The projector supports 2.4G and 5G dual-band WiFi for seamless wireless screen mirroring from your phone or laptop.

1. Navigate to the "Screen Mirroring" or "Wireless Display" option in the projector's menu.
2. Ensure your mobile device or laptop is connected to the same WiFi network as the projector.
3. Select the projector from your device's screen mirroring options (e.g., AirPlay for iOS, Cast for Android/Windows).



Figure 6: The projector supports both 2.4G and 5G WiFi for stable and lag-free screen mirroring.

3. Two-Way Bluetooth & Built-in Stereo Speakers:

The AY2Pro can function as a powerful Bluetooth speaker, offering rich audio quality. It also supports connecting to external Bluetooth audio devices.

- **Using as a Bluetooth Speaker:** Activate Bluetooth mode on the projector. Pair your smartphone or other Bluetooth-enabled device with the projector to play audio through its built-in speakers.
- **Connecting External Bluetooth Speakers:** In the projector's Bluetooth settings, search for and connect to your desired external Bluetooth speaker or soundbar for enhanced audio output.



Figure 7: The projector can be used as a standalone Bluetooth speaker, providing audio without needing to project an image.

4. Connecting Multiple Devices:

The projector offers versatile connectivity options for various devices:

- **HDMI:** Connect laptops, gaming consoles (PS3/PS4/PS5, Switch), TV sticks, DVD players, etc.
- **USB:** Play media directly from USB drives.
- **3.5mm Audio Jack:** Connect wired headphones or external speakers.



Figure 8: The projector's connectivity panel showing USB, HDMI, and audio ports, compatible with various devices like phones, gaming consoles, and audio systems.

MAINTENANCE

1. Cleaning the Lens:

Gently wipe the projector lens with a soft, lint-free cloth designed for optical surfaces. Avoid using abrasive cleaners or excessive force.

2. Dust Filter Maintenance:

The AY2Pro is equipped with a built-in dust filter to protect internal components. Regularly clean the filter to maintain optimal performance and prevent overheating.

1. Locate the dust filter compartment on the projector.
2. Remove the filter and its holder.
3. Wash the filter with water.
4. Ensure the filter is thoroughly dried before reinserting it into the projector.



Figure 9: Diagram showing the location and removal of the built-in dust filter for cleaning.

3. Fan Noise and Temperature Management:

The projector features low-noise fans that automatically adjust speed based on internal temperature changes, ensuring efficient cooling and quiet operation.



Figure 10: Illustration of the low-noise fan system, which adjusts automatically to maintain optimal temperature.

TROUBLESHOOTING

For common issues and solutions, please refer to the following:

- **No Power:** Ensure the power cord is securely connected to both the projector and a working electrical outlet.
- **No Image:** Check all cable connections (HDMI, USB). Ensure the correct input source is selected on the projector.
- **Blurry Image:** Allow the automatic focus to complete. If still blurry, ensure the projection distance is within the recommended range.
- **Distorted Image (not rectangular):** The auto keystone correction should resolve this. If not, try repositioning the projector.
- **No Sound:** Check the volume settings on both the projector and the connected device. Ensure external speakers are properly connected or paired via Bluetooth.
- **WiFi Connection Issues:** Ensure both the projector and your device are on the same WiFi network. Try restarting both devices and your router.

For more detailed troubleshooting guides or specific issues, please refer to the official ONOAYO support resources or contact customer support directly.

SPECIFICATIONS

Feature	Detail
Brand Name	ONOAYO
Model Number	AY2PRO
Color	AY2PRO White
Display Resolution	1920 x 1080 (FHD 1080P)
Item Weight	2.42 pounds
Product Dimensions	5.31 x 4.64 x 4.56 inches
Connectivity Technology	Bluetooth/WiFi/HDMI/USB/3.5mm audio jack
Special Features	Adjustable Carrying Strap, Friendly Package, Mini Size, Electric focus & Auto Keystone, Wireless screen mirror, Built-in Dust Filter, Low Noise Fans
Recommended Uses	Education, Home Cinema, Gaming

WARRANTY AND SUPPORT

ONOAYO offers a **3-year warranty** for the AY2Pro Portable Projector, demonstrating their commitment to product quality and customer satisfaction. This warranty covers manufacturing defects and ensures support for your device. For any inquiries, technical assistance, or warranty claims, please contact ONOAYO customer support:

- **Email:** Support_us@onoayo.net
- You may also reach out directly via Amazon messaging.

Please provide your product model and purchase details when contacting support to ensure efficient service.

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