

ONAYO ONO5 Pro

ONAYO ONO5Pro 2.0 Smart Movie Projector User Manual

Brand: ONAYO | Model: ONO5 Pro

1. INTRODUCTION

The ONAYO ONO5Pro 2.0 Smart Movie Projector is designed to deliver a high-quality home theater experience with advanced features such as 4K support, powerful audio, and smart operating system capabilities. This manual provides essential information for setting up, operating, and maintaining your projector.

2. WHAT'S IN THE BOX

- ONAYO ONO5Pro 2.0 Smart Projector x 1
- Remote Control x 1 (Battery NOT Included)
- User Manual x 1
- HDMI Cable x 1 (1.2M/3.94ft)
- Power Cord x 1 (1.5M/4.92ft)
- *Note: For 4K video playback, connect 4K devices (e.g., TV stick) via HDMI. Videos labeled 4K will display at native 1080P resolution ("4K supported").*

3. PRODUCT FEATURES

3.1 Audio System

The ONO5Pro 2.0 features Hollywood-grade dual 40W Dolby Audio, tuned for enhanced sound clarity and volume. AI Sound Master technology automatically reduces echoes and boosts bass for a balanced audio profile, covering up to 540 sq.ft without external speakers.



Figure 1: Projector with 40W Theater-Grade Dual Speakers. This image highlights the internal speaker design and power.



Figure 2: Dolby Audio with AI Sound Master. This image illustrates the audio optimization features for immersive sound.

3.2 Smart TV OS 2.0 & Built-in Apps

The projector runs on Smart TV Pro OS 2.0, powered by an AI-driven processing chip for fast performance. It includes pre-installed apps like YouTube, Prime Video, and Disney+, offering access to over 1,500 live TV channels without subscriptions.

Massive App Ecosystem

Figure 3: Smart Projector with Netflix Certification and Built-in Apps. This image illustrates the user interface with various streaming applications.

3.3 Visual Performance

Equipped with a high-transmittance glass lens and high-power LED, the projector delivers true 3000 ANSI brightness and 4K support. The AI Image Engine Pro optimizes color performance with 98% NTSC color gamut and 1.07 billion colors. An ambient light sensor adjusts brightness and contrast, while low blue-light technology ensures comfortable viewing.



Figure 4: Projector displaying a bright, clear image outdoors. This image demonstrates the visual clarity and brightness of the projector in an outdoor setting.



Figure 5: 1080P Projector with High Brightness and Color Gamut. This image highlights the projector's capability for vibrant and detailed visuals.

3.4 VisionIQ Auto Calibration

The VisionIQ calibration system provides instant auto focus, keystone correction, obstacle avoidance, screen-fit, and orientation detection. It achieves crisp visuals and perfect alignment in approximately 3 seconds, even on tilted surfaces. Dynamic zoom allows for loss-free screen size adjustment from 50% to 100%.



Figure 6: AI-Powered Auto Calibration. This image shows the projector automatically adjusting its display for optimal viewing.



Figure 7: 3S Auto Focus and Keystone Correction. This image illustrates the quick and precise automatic adjustments for a clear picture.

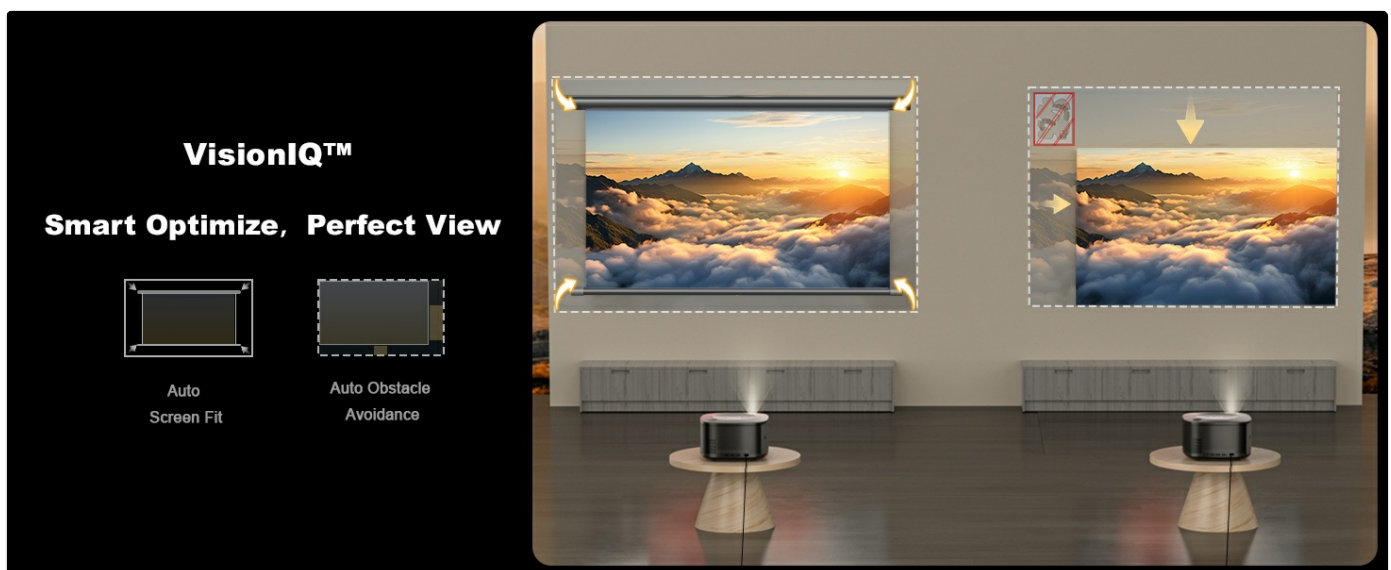


Figure 8: Auto Screen Fit and Obstacle Avoidance. This image demonstrates the projector's ability to adapt to various surfaces and avoid obstructions.



Figure 9: Auto-Orientation Detection. This image shows the projector adjusting its display based on its orientation (e.g., ceiling-mounted).

3.5 Connectivity & Control

The projector supports WiFi 6 for fast, lag-free streaming and features bi-directional Bluetooth 5.2. It includes built-in Chromecast for easy content casting. The Bluetooth remote offers 10-meter long-range control, even through walls, and CEC technology allows control of multiple devices with one remote.

- **Connectivity Technology:** WiFi 6/Bluetooth/HDMI/USB/3.5mm Audio
- HDMI 2.1 with 18ms input latency for Game Mode (PS5/Xbox optimized)
- Built-in Chromecast
- Bluetooth Remote with CEC tech



Figure 10: Wi-Fi 6 and Two-Way Bluetooth Connectivity. This image highlights the projector's wireless capabilities for streaming and audio.



Figure 11: Chromecast Built-in. This image shows the ease of casting content from a phone to the projector.



Figure 12: CEC Remote Control. This image demonstrates controlling multiple devices with a single remote.



Figure 13: Bluetooth Remote. This image shows the remote control's functionality without direct line of sight.

3.6 Durability & Protection

The ONO5Pro 2.0 features a sealed optical engine for dust resistance and a triple-temperature control system for heat dissipation, preventing issues like black or yellow screens and extending lifespan. The system monitors temperature, adjusts cooling, and provides high-temperature safety protection.



Figure 14: Triple Temp Protection. This image illustrates the internal cooling and protection systems of the projector.

4. SETUP GUIDE

Follow these steps to set up your ONOAYO ONO5Pro 2.0 projector:

1. **Unboxing:** Carefully remove all components from the packaging. Ensure all items listed in "What's in the Box" are present.
2. **Power Connection:** Connect the power cord to the projector and then to a power outlet. The power cord is 1.5M (4.92ft) long.
3. **Placement:** Place the projector on a stable, flat surface. The VisionIQ Auto Calibration system will automatically adjust the image.
4. **Initial Power On:** Press and hold the power button on the projector or use the remote control to turn it on. The projector will initiate auto-focus and keystone correction.
5. **Remote Control Setup:** Insert 2 AAA batteries (not included) into the remote control. The remote is essential for

navigating the Smart TV OS.

6. **Network Connection:** Follow the on-screen prompts to connect the projector to your WiFi 6 network.
7. **App Login:** Log in to your preferred streaming apps (Netflix, Prime Video, etc.) using the on-screen keyboard or the remote.

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Video 1: Amazing projector! Worth the money! This short video demonstrates the projector's initial power-on and automatic setup process.

5. OPERATING INSTRUCTIONS

The ONO5Pro 2.0 is designed for intuitive operation:

- **Navigation:** Use the Bluetooth remote control to navigate the Smart TV OS 2.0 interface. The remote has dedicated buttons for popular streaming services.
- **Focus Adjustment:** The projector features automatic focus. If manual adjustment is needed, use the remote control's focus buttons.
- **Keystone Correction:** Automatic keystone correction ensures a rectangular image. Manual adjustments can be made via the settings menu if required.
- **Screen Size Adjustment:** Use the dynamic zoom feature to adjust the screen size from 50% to 100% without moving the projector.
- **Input Selection:** Access external inputs (HDMI, USB) through the projector's interface to connect gaming consoles, laptops, or other devices.

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Video 2: Excellent Contrast, Fast Interface, and Seamless Setup. This video highlights the projector's quick setup and clear display.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector:

- **Dust Resistance:** The sealed optical engine helps prevent dust accumulation, reducing the risk of black or yellow screens.
- **Temperature Control:** The triple-temperature control system actively manages heat dissipation. Ensure proper ventilation around the projector to avoid overheating.
- **Cleaning:** Regularly clean the projector's exterior with a soft, dry cloth. Avoid using harsh chemicals.

7. TROUBLESHOOTING

If you encounter issues, refer to these common solutions:

- **Blurry Image:** The VisionIQ system should auto-focus. If the image remains blurry, manually trigger auto-focus using the remote or adjust focus in the settings. Ensure the projection surface is flat.
- **Remote Not Responding:** Check if the 2 AAA batteries are correctly installed and have sufficient power. Ensure there are no obstructions between the remote and the projector.
- **No Sound:** Check the volume settings on the projector and your connected device. Ensure external speakers are properly connected if used.
- **No Picture/Signal:** Verify that the correct input source (e.g., HDMI 1) is selected. Check all cable connections.
- **Overheating:** Ensure the projector's vents are not blocked. Operate in a well-ventilated area. The triple-temperature control system will manage internal heat.

8. SPECIFICATIONS

Brand	ONOAYO
Model Number	ONO5 Pro
Item Weight	5.64 pounds
Product Dimensions	10 x 7 x 12 inches
Display Resolution	1920 x 1080 (Native)
4K Support	Yes
Brightness	3000 ANSI Lumens
Audio	Dual 40W Dolby Audio Speakers
Operating System	Smart TV OS 2.0
Connectivity	WiFi 6, Bluetooth 5.2, HDMI, USB, 3.5mm Audio
Special Features	AI Auto Focus, Auto Keystone Correction, Obstacle Avoidance, Screen-Fit, Auto-Orientation Detection, Game Mode (18ms latency), Chromecast Built-in, CEC Remote, Sealed Optical Engine, Triple Temp Protection

9. WARRANTY AND SUPPORT

ONOAYO is committed to providing excellent customer service. For any inquiries or assistance, please contact:

- **Customer Support Email:** Support_us@onoayo.net
- **Protection Plans:** Optional 2-Year and 3-Year Protection Plans are available for purchase.
- **Return Policy:** 30-day refund/replacement policy.

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