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## AMOOWA P150G

# AMOOWA P150G Mini Projector User Manual

Model: P150G

## 1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your AMOOWA P150G Mini Projector. Please read this manual thoroughly before using the device and retain it for future reference.

## 2. WHAT'S IN THE BOX

- AMOOWA P150G Mini Projector
- Rechargeable Battery (integrated)
- Remote Control
- Power Adapter
- User Manual (this document)

## 3. PRODUCT OVERVIEW

### 3.1. Projector Components



Figure 1: AMOOVA P150G Mini Projector and Remote Control.

### 3.2. Top Panel Controls



### PERFECT MINI SIZE

The world's smallest and lightest DLP projector, with a built-in 7000mAh large battery

Figure 2: Top panel with integrated touch controls for navigation, volume, and focus adjustment.

The top surface of the projector features a smart touch panel for intuitive control. This includes a trackpad area for navigation, volume controls, home button, menu button, return button, and fine/coarse focus controls.

### 3.3. Connectivity Ports



Figure 3: Side panel with USB, HDMI, and Power Supply ports.

The projector is equipped with multiple connectivity options:

- **USB Port:** For connecting USB storage devices.
- **HDMI Port:** For connecting external devices like laptops, gaming consoles, or media players.
- **Power Supply Port:** For connecting the power adapter to charge the device or operate it directly.

### 3.4. Remote Control



Figure 4: Remote Control for the P150G Projector.

The included remote control offers convenient operation:

- **Power Button:** To turn the projector on/off.
- **Direction Navigation & OK:** For menu navigation and selection.
- **Volume +/-:** Adjusts audio output.
- **Homepage, Menu, Return:** Quick access to main functions.
- **Mouse Mode:** Activates a cursor for easier navigation, especially with apps.
- **Bluetooth Pairing Mode:** Hold "OK" and "Volume -" for five seconds to initiate pairing.

## 4. SETUP

### 4.1. Powering On/Off

To power on the projector, slide open the lens cover. The projector will automatically power on. To power off, slide the lens cover closed. There is no dedicated power button on the unit itself; the lens cover acts as the power switch.

## 4.2. Focus Adjustment

The projector features electronic focus adjustment. Use the dedicated focus controls on the top panel or the remote control to achieve a clear image. The focus can be fine-tuned for optimal clarity.

## 4.3. Placement and Projection



Figure 5: Recommended Projection Distances and Screen Sizes.

For optimal viewing, position the projector at a distance of 2 to 2.5 meters from the projection surface. This distance typically yields a screen size of 70-75 inches, which is recommended for the best experience. The projector supports auto keystone correction to adjust for angled projections.

## 4.4. Connectivity

The AMOOWA P150G offers various ways to connect to your devices:

- **Wi-Fi (2.4G/5G):** Connect to your home network for internet access and online streaming.
- **Bluetooth:** Pair with external Bluetooth speakers or headphones for enhanced audio.
- **HDMI:** Use an HDMI cable to connect to laptops, gaming consoles (e.g., Nintendo Switch, PS4), or other HDMI-enabled devices.

- **USB:** Plug in a USB drive to play media files directly.
- **Screen Mirroring (iOS/Android/iPad):** Wirelessly display content from your smartphone or tablet. Ensure your device and the projector are connected to the same Wi-Fi network. For iOS, use AirPlay. For Android, use Miracast.

## Wireless Connection with Smartphone Android / IOS / Ipad



Screen Mirroring

WiFi 5G / 2.4G



Figure 6: Wireless Screen Mirroring from a Smartphone.

### Note on Screen Mirroring:

Due to copyright restrictions, certain streaming services (e.g., Netflix, Hulu) may not support screen mirroring from mobile devices. Content from these services can typically be accessed directly through the projector's built-in apps or by connecting a compatible device via HDMI.

## 4.5. Official Product Videos

### AMOOWA P150G Features Overview

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Video 1: This video provides an overview of the AMOOWA P150G's portable design, smart touch controls, and various connectivity options including Wi-Fi and Bluetooth.

### Portable Projector with Bluetooth, Wi-Fi, and Battery

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Video 2: This video highlights the super mini size and portability of the projector, emphasizing its built-in battery, Bluetooth, and Wi-Fi capabilities for versatile use.

### Pico Projector Introduction

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Video 3: An introductory video showcasing the pico projector's features and ease of use, including its compact design and various applications.

### Cookie Decorating with Mini Projector

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Video 4: This video demonstrates a unique application of the mini projector for cookie decorating, showcasing its precision and utility for creative tasks.

## 5. OPERATING THE PROJECTOR

### 5.1. Navigation and App Access

The projector runs on an Android OS with multiple pre-installed applications, including YouTube, Netflix, Google Play, and AptoideTV. Navigate through the interface using the top panel's touch controls or the remote control.



Figure 7: Projector Home Screen with Pre-installed Apps.

### 5.2. Battery Modes

The projector features different battery modes to optimize usage time:

- **Energy-Saving Mode:** Extends battery life for longer viewing sessions (approx. 2.5 - 3 hours).
- **Standard Mode:** Balanced performance and battery life (approx. 1.5 - 2.5 hours).
- **High Light Mode:** Provides maximum brightness for clearer images (approx. 1.5 hours).



Figure 8: Visual representation of different battery modes and their impact on brightness.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your projector, follow these maintenance guidelines:

- **Lens Care:** Keep the projector lens clean. Use a soft, lint-free cloth specifically designed for optical lenses. Avoid harsh chemicals.
- **Ventilation:** Ensure proper ventilation around the projector to prevent overheating. Do not block the air vents.
- **Storage:** Store the projector in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Wipe the exterior of the projector with a soft, dry cloth. Do not use liquid cleaners directly on the device.

## 7. TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common troubleshooting tips:

- **Remote Control Not Responding:** If the remote control loses connection after powering down, you may need to re-pair it. Hold the "OK" and "Volume -" buttons simultaneously for five seconds to enter Bluetooth pairing mode. If issues persist, a factory reset of the projector might be necessary, followed by re-pairing.
- **Blurry Image:** Adjust the focus using the fine/coarse focus controls on the top panel or the remote control. Ensure the projector is placed within the recommended projection distance.
- **Low Brightness:** Check the selected battery mode. Switch to "High Light Mode" for maximum brightness. Ensure the projection environment is sufficiently dark for optimal viewing.
- **No Image/Signal:** Verify that the input source (HDMI, USB, Screen Mirroring) is correctly selected and the external device is properly connected and powered on.
- **Color Imbalance:** The projector has limited color adjustment options. Ensure your source content has balanced colors.

## 8. SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	AMOOWA
Model Number	P150G
Item Weight	2.29 pounds
Product Dimensions	4.7 x 2.4 x 1.5 inches
Special Feature	Lightweight
Connectivity Technology	Bluetooth, HDMI, USB
Display Resolution	1920 x 1080 (Supported)
Recommended Uses	Business, Education, Home Cinema

## 9. WARRANTY AND SUPPORT

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For warranty information and customer support, please refer to the product packaging or visit the official AMOOWA website. Keep your purchase receipt as proof of purchase.