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## Gaimoo GM500

# Gaimoo Portable 4K Projector GM500 User Manual

Model: GM500 | Brand: Gaimoo

## INTRODUCTION

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Thank you for choosing the Gaimoo Portable 4K Projector GM500. This advanced projector is designed to deliver a superior viewing experience with its native 1080P resolution supporting 4K input, powerful 36W Dolby Audio 3D speakers, and integrated Android TV system. Featuring the latest WiFi 6 and Bluetooth 5.2 technology, along with automatic focus and keystone correction, the GM500 ensures seamless connectivity and a perfectly clear image every time. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity.

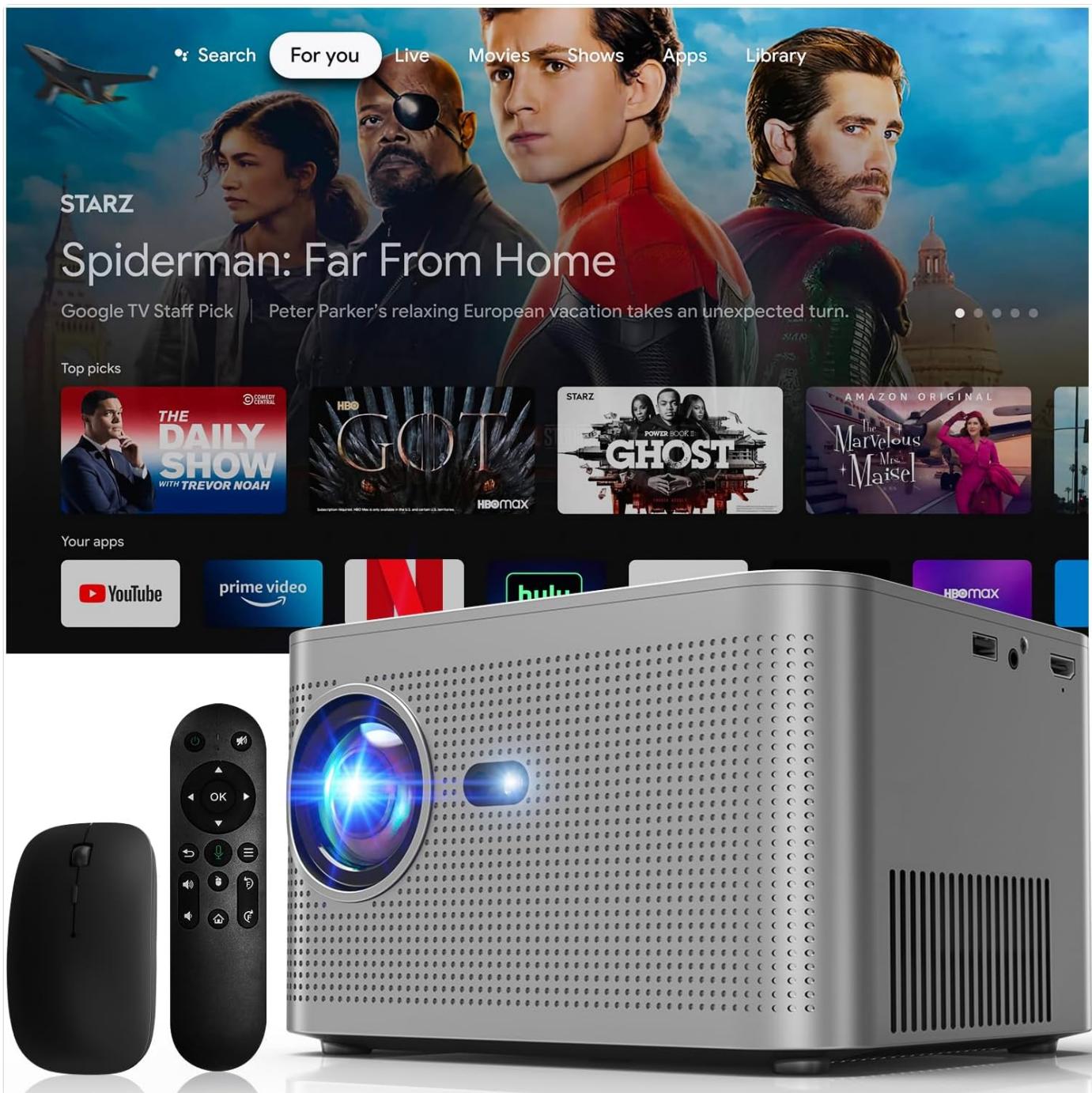


Image: The Gaimoo GM500 projector, its included remote control and mouse, and a projected screen showing a smart TV interface with various streaming apps.

## SAFETY INFORMATION

Please read all safety instructions carefully before using the projector. Keep this manual for future reference.

- Do not block ventilation openings. Ensure adequate airflow around the projector to prevent overheating.
- Do not expose the projector to rain or moisture to avoid electric shock or fire.
- Use only attachments/accessories specified by the manufacturer.
- Unplug the projector during lightning storms or when unused for long periods.
- Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- Avoid direct eye exposure to the projector lens when the lamp is on.

## PACKAGE CONTENTS

Verify that all items are included in your package:

- 1 x Gaimoo Portable 4K Projector GM500
- 1 x Remote Control
- 1 x Wireless Mouse and 1 x Mouse Receiver
- 1 x HDMI Cable
- 1 x Power Adapter with Cable
- 1 x User Manual (this document)

## PRODUCT OVERVIEW

Familiarize yourself with the main components of your Gaimoo GM500 projector.



Image: Overview of the projector's connectivity ports and compatible devices, such as HDMI, USB, AV, TV stick, mobile phone/iPad, DVD player, laptop/PC, earphone, Xbox/PS5, and external audio devices.

## Key Features:

- **Native 1080P Resolution with 4K Support:** Delivers crisp, clear images with vibrant colors.
- **800 ANSI Lumens Brightness:** Provides a bright display suitable for various lighting conditions.
- **36W Dolby Audio 3D Speakers:** Offers immersive stereo sound.
- **Integrated Android TV:** Access popular streaming apps like Netflix, Prime Video, Hulu, and YouTube directly.
- **WiFi 6 & Bluetooth 5.2:** Ensures stable and fast wireless connectivity for streaming and external audio devices.
- **Automatic Focus & Keystone Correction:** Automatically adjusts the image for perfect clarity and rectangular shape.
- **Multiple Connectivity Options:** HDMI, USB, AV, and audio output for versatile device connections.

## SETUP GUIDE

### 1. Placement

Place the projector on a stable, flat surface. Ensure there is enough space around the projector for proper ventilation. For optimal viewing, project onto a white wall or a projector screen. The projector can project a screen size from 50 to 300 inches, with a minimum distance of approximately 1.5 meters for a 50-inch screen and up to 6 meters for a 300-inch screen.



Image: Visual representation of the projector's throw distance and the resulting screen sizes, showing 50-inch, 100-inch, and 300-inch projections at

various distances.

## 2. Power Connection

1. Connect the power adapter to the projector's power input port.
2. Plug the power adapter into a wall outlet.
3. Press the power button on the projector or the remote control to turn it on.

## 3. Initial Setup (Focus & Keystone)

The Gaimoo GM500 features automatic focus and keystone correction. Upon powering on or moving the projector, it will automatically adjust the image for clarity and a perfect rectangular shape. You can also manually adjust the focus using the remote control if needed.



Image: The projector's electric focus and auto keystone features in action, demonstrating how the image is automatically corrected for clarity and shape, along with a zoom function.

## 4. Network Connection (WiFi)

To access online content and streaming services, connect your projector to a Wi-Fi network.

1. Navigate to the **Settings** menu on the projector's interface.
2. Select **Network & Internet**.
3. Choose your desired Wi-Fi network from the list.
4. Enter the Wi-Fi password using the on-screen keyboard and confirm.



Image: A scene illustrating the smooth and stable connection provided by WiFi 6, ideal for streaming movies and playing games without latency.

## OPERATING INSTRUCTIONS

### 1. Using the Remote Control and Mouse

The projector comes with both a remote control and a wireless mouse for easy navigation. The remote control allows for basic functions like power, volume, and menu navigation, while the mouse provides precise control over the Android TV interface, similar to a computer.

### 2. Navigating Android TV

The Gaimoo GM500 runs on Android TV, providing access to a wide range of applications. The home screen displays your

installed apps, recommended content, and settings.

- Use the directional buttons on the remote or the mouse to navigate through the interface.
- Press the **OK** button to select an item.
- Press the **Back** button to return to the previous screen.
- Access the Google Play Store to download additional applications.

### 3. Connecting External Devices

The projector supports various external devices:

- **HDMI:** Connect gaming consoles (PS5), TV boxes, TV sticks, laptops, or other HDMI-enabled devices using the provided HDMI cable. Select the corresponding HDMI input from the source menu.
- **USB:** Plug in USB drives to play media files (photos, videos, music).
- **Bluetooth:** Connect external Bluetooth speakers or headphones for enhanced audio. The projector supports two-way Bluetooth connectivity, allowing it to act as a speaker or connect to external speakers.



Image: Illustration of the projector's Bluetooth 5.2 two-way connectivity, demonstrating its ability to be used as a standalone speaker or to connect wirelessly to external audio systems for an immersive sound experience.

## 4. Audio Settings

The GM500 features powerful 36W Dolby Audio 3D speakers. You can adjust the volume using the remote control. For a more immersive experience, connect external audio devices via Bluetooth or the 3.5mm audio jack.

## MAINTENANCE

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

- Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or excessive force.
- Cleaning the Casing:** Wipe the projector's exterior with a soft, dry cloth. Avoid using liquid cleaners directly on the surface.
- Ventilation:** Ensure the ventilation openings are clear of dust and debris. Do not place the projector on soft surfaces that may block airflow.
- Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

If you encounter issues with your Gaimoo GM500 projector, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No image or distorted image	Ensure the power cable is securely connected. Check the input source (HDMI, USB) is correctly selected. Verify the projection surface is suitable (white, flat). Allow auto-focus and keystone correction to complete. If issues persist, try moving the projector slightly.
Image is blurry or out of focus	The auto-focus mechanism might be obstructed or malfunctioning. Ensure the projector lens is clean. Ensure the projector is placed at an appropriate distance from the screen (minimum 3 meters for optimal auto-focus performance, as noted by some users). Use the remote control to manually adjust focus if automatic adjustment is not sufficient.
No sound or low sound	Increase the volume using the remote control. Check if external speakers are connected and properly configured via Bluetooth or audio jack. Ensure the audio source is not muted.
Wi-Fi connection issues	Ensure the Wi-Fi network is active and within range. Re-enter the Wi-Fi password carefully. Restart the projector and your Wi-Fi router. Consider using a 5GHz network for better stability if available.
Apps not working or updating	Ensure the projector has a stable internet connection. Clear the cache and data for the problematic app in the Android TV settings. Check for system software updates for the projector. Some apps may have compatibility issues or require specific versions; try alternative apps if available.
Overheating or loud fan noise	Ensure proper ventilation around the projector. Do not block air vents. Operate the projector in a well-ventilated room. If the issue persists, contact customer support.

Problem	Possible Cause / Solution
Image spots or yellowing	This could indicate an internal component issue. Contact customer support for assistance.

## SPECIFICATIONS

Feature	Detail
Brand	Gaimoo
Model	GM500
Native Resolution	1920 x 1080 (Full HD)
Max Resolution Support	4K (3840 x 2160)
Brightness	800 ANSI Lumens
Contrast Ratio	1000:1
Display Technology	DLP
Operating System	Android
Wireless Connectivity	WiFi 6, Bluetooth 5.2
Audio	36W Built-in Speakers, Dolby Audio 3D
Connectivity Ports	HDMI, USB (x2), AV, Audio Out
Special Features	Automatic Focus, Digital Keystone Correction, Portable, Lightweight
Dimensions	16 x 11.9 x 19.1 cm
Weight	1 kg
Compatible Devices	PS5, TV Box, TV Stick, Tablet, USB, Media Player, Smartphone, Laptop

## WARRANTY AND SUPPORT

Gaimoo is committed to providing high-quality products and excellent customer service. While specific warranty details may vary by region and retailer, many users have reported a 2-year warranty period for this product. Please retain your proof of purchase for any warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please contact Gaimoo customer service through the retailer where you purchased the product or visit the official Gaimoo website for contact information.

We recommend checking the official Gaimoo website for the latest software updates and support resources to ensure your projector operates with the most current features and performance enhancements.

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This manual is for informational purposes only. Specifications are subject to change without notice.