

MEER 4K Smart Projector YG491 User Manual

Model: YG491

1. INTRODUCTION

Thank you for choosing the MEER 4K Smart Projector. This projector is designed to provide a high-quality home entertainment experience with its advanced features, including native 1080P resolution with 4K support, built-in streaming applications, automatic focus, and keystone correction. Please read this manual carefully before using the product to ensure proper operation and to maximize its lifespan.



Figure 1.1: MEER 4K Smart Projector and Remote Control

2. SAFETY INFORMATION

- Do not look directly into the projector lens when the lamp is on. The bright light can cause eye damage.
- Ensure proper ventilation around the projector. Do not block ventilation openings.
- Keep the projector away from water, moisture, and heat sources.
- Use only the power adapter provided with the projector.
- Do not attempt to disassemble or repair the projector yourself. Refer all servicing to qualified personnel.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- MEER 4K Smart Projector
- Remote Control

- Power Adapter
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1. Physical Components

The MEER 4K Smart Projector features a compact design with essential components for optimal performance.

4.2. Ports and Connections

The projector includes various ports for connecting external devices:

- **HDMI Input:** For connecting laptops, gaming consoles, Blu-ray players, etc.
- **USB Port:** For connecting USB drives to play media files.
- **Audio Output:** For connecting external speakers or headphones.
- **Power Input:** For connecting the power adapter.

5. SETUP

5.1. Placement

The projector can be placed on a table, mounted on a tripod, or installed on the ceiling. Ensure the projection surface is flat and clear for the best image quality.



Figure 5.1: Projector Installation Options

5.2. Power Connection

1. Connect the power adapter to the projector's power input port.
2. Plug the power adapter into a wall outlet.

5.3. Initial Power On

Press the power button on the projector or the remote control to turn on the device. The projector will initiate its startup sequence.

5.4. Focus and Keystone Adjustment

The MEER 4K Smart Projector features AI Auto Focus and Auto 6D Keystone Correction to ensure a clear and perfectly rectangular image, even when projected at an angle.

- **AI Auto Focus:** The projector automatically adjusts the focus for a sharp image.
- **Auto 6D Keystone Correction:** The image will automatically correct its shape to be rectangular, even if the projector is not perfectly aligned with the screen. Manual adjustments can also be made via the settings menu if needed.



Figure 5.2: AI Auto Focus in action



Figure 5.3: Auto 6D Keystone Correction

5.5. Screen Size Adjustment

The projector supports an adjustable screen size from 50% to 100% zoom, allowing for a maximum display of up to 200 inches. Adjust the zoom level through the projector's settings menu to fit your projection surface.

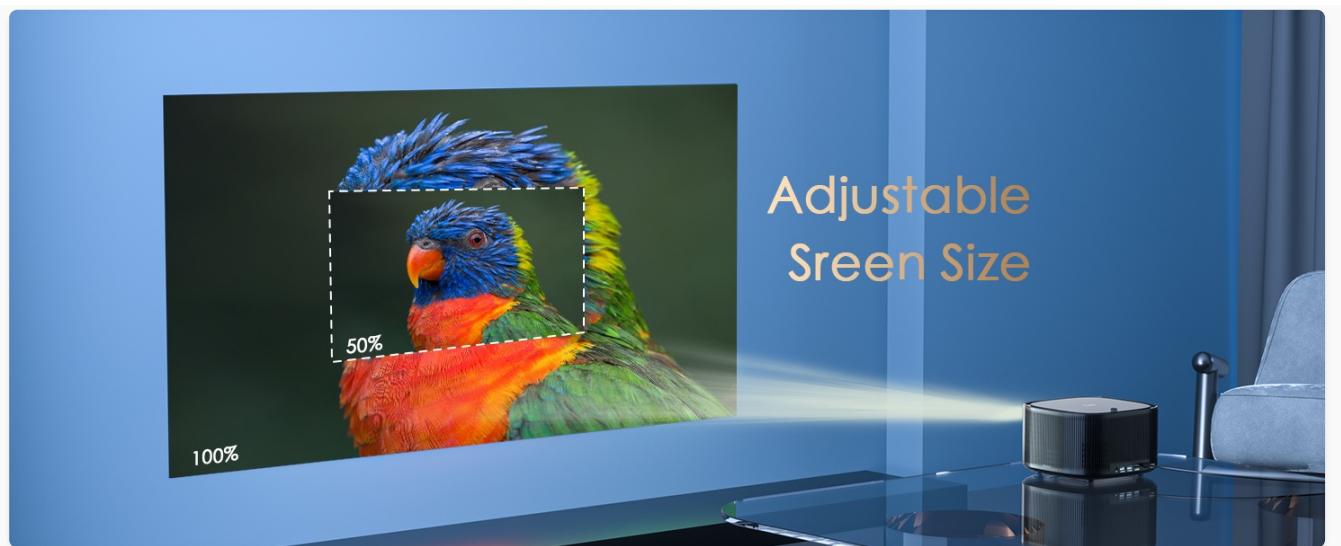


Figure 5.4: Adjustable Screen Size

6. OPERATING INSTRUCTIONS

6.1. Remote Control Usage

The included remote control provides full functionality for navigating the projector's interface. Ensure batteries are correctly inserted.

6.2. Navigating the Smart System and Built-in Apps

The projector features a built-in smart system with pre-installed applications like Netflix, YouTube, and Prime Video for direct streaming. Use the remote control to navigate the home screen and select your desired application.



Figure 6.1: Smart System Interface and One-Click App Access

6.3. Connecting to Wi-Fi

To access online content and built-in apps, connect the projector to a Wi-Fi network. The projector supports dual-band 5G and 2.4G Wi-Fi for stable and smooth transmission.

1. Go to the 'Settings' menu on the projector.
2. Select 'Network' or 'Wi-Fi'.
3. Choose your Wi-Fi network from the list and enter the password.

Dual-Band 5G+2.4G WiFi Connection

Ensure lag-free, stable and smooth transmissionn



Figure 6.2: Dual-Band Wi-Fi Connectivity

6.4. Bluetooth Connectivity

The projector features Bidirectional Bluetooth 5.1, allowing you to connect external Bluetooth speakers for enhanced audio or use the projector itself as a Bluetooth speaker.

1. To connect to an external speaker: Go to 'Settings' > 'Bluetooth' and pair with your device.
2. To use as a Bluetooth speaker: Select the 'Rest Screen' mode, and the projector will function as a standalone Bluetooth speaker.



Figure 6.3: Bidirectional Bluetooth 5.1

6.5. External Device Connection

Connect external devices such as laptops, gaming consoles, or USB drives to the projector using the HDMI or USB ports. Select the appropriate input source from the projector's menu.

6.6. Wireless Screen Mirroring

The projector supports 5G wireless screen mirroring, allowing you to cast content from your smartphone or tablet directly to the projector screen.

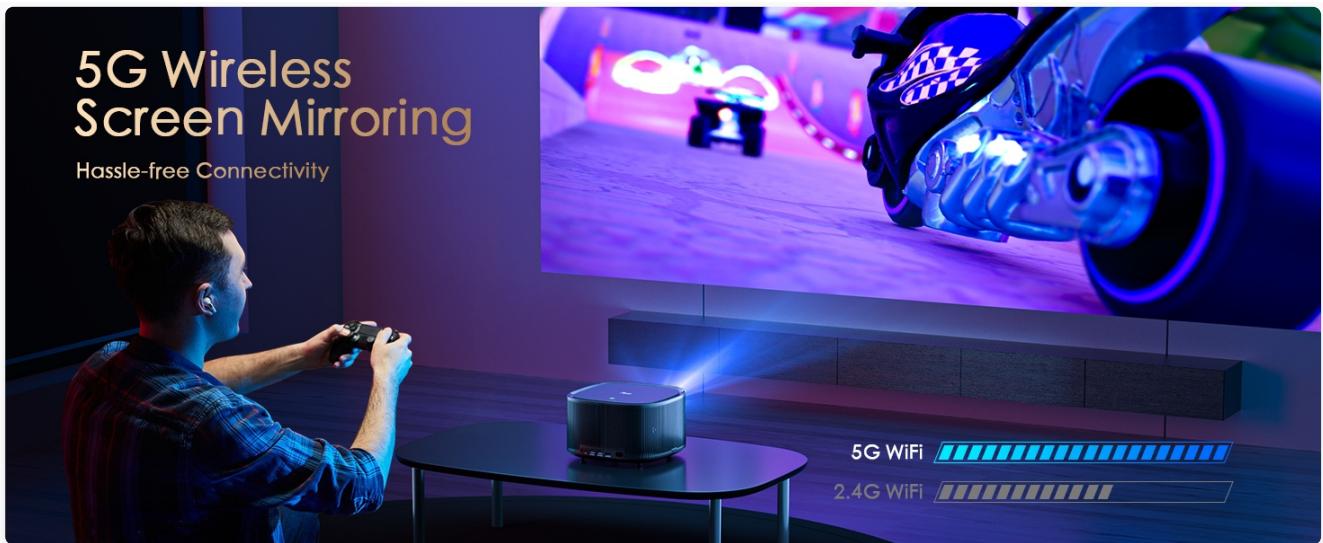


Figure 6.4: 5G Wireless Screen Mirroring

6.7. Sound Modes

Optimize your audio experience by selecting from various sound modes tailored for different content types, including Sport, News, Movies, and Music.



Figure 6.5: Various Sound Modes

6.8. Sleep Timer

Set a sleep timer to automatically turn off the projector after a specified period, conserving energy and providing convenience.



Figure 6.6: Sleep Timer Functionality

7. MAINTENANCE

7.1. Cleaning the Lens

Gently wipe the projector lens with a soft, lint-free cloth. Avoid using abrasive cleaners or excessive force, which can scratch the lens.

7.2. Dust Prevention and Lamp Life

The projector is designed with high-density materials to minimize dust intrusion by 80%, helping to prevent black spots and maintain image clarity. The LED lamp has a lifespan of over 80,000 hours.

80000+Hours Lamp Life & No More Black dot

High-density materials to minimize dust by 80%, ensuring that no black spots affect the clarity of the image



Figure 7.1: Lamp Life and Dust Prevention

7.3. Storage

When not in use for extended periods, store the projector in a cool, dry place, preferably in its original packaging or a protective case.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Power cable disconnected; Incorrect input source; Lens cap on.	Check power connection; Select correct input source (HDMI/USB); Remove lens cap.
Image is blurry	Out of focus; Projector too far/close to screen.	Allow auto-focus to adjust or manually adjust focus; Adjust projector distance.

Problem	Possible Cause	Solution
Image is distorted (trapezoid shape)	Projector not perpendicular to screen.	Allow auto-keystone to adjust or manually adjust keystone correction in settings.
No sound	Volume too low; Muted; External audio device not connected/selected.	Increase volume; Unmute; Check external audio connections and settings.
Cannot connect to Wi-Fi	Incorrect password; Router issue; Out of range.	Verify password; Restart router; Move projector closer to router.

9. SPECIFICATIONS

Feature	Detail
Model Number	YG491
Brand	MEER
Native Display Resolution	1920 x 1080 (Full HD)
Maximum Display Resolution	3840 x 2160 (4K Supported)
Display Type	DLP
Brightness	500 ANSI Lumens
Connectivity Technology	USB, HDMI, Wi-Fi (5G+2.4G), Bluetooth 5.1
Audio	3D Dolby Audio, Dolby Atmos Certified Sound Bar System
Keystone Correction	Auto 6D Keystone Correction
Focus	AI Auto Focus
Adjustable Screen Size	50% - 100% Zoom
Maximum Projection Size	200 inches / 508 cm
Lamp Life	80,000+ Hours
Product Dimensions	8.8 x 8.6 x 5.3 inches
Item Weight	6.2 pounds

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official MEER website or contact MEER customer service directly. Keep your purchase receipt for warranty claims.

An official User Guide (PDF) is also available for download at:

<https://manuals.plus/m/c221f39f8f83ff6983aad811f683f02a5df7eb471c8ba050203f9f520c10efaa>

Related Documents - YG491

	<p>Meer YG300 Mini Projector User Guide</p> <p>Comprehensive user guide for the Meer YG300 mini projector, covering safety, setup, connections, remote control, user interface, menu navigation, power options, and technical specifications.</p>
	<p>Meer YG230 Mini Portable Projector User Manual</p> <p>Comprehensive user manual for the Meer YG230 mini portable projector, covering safety notices, interface introduction, remote control guide, media and equipment connections, setup menus, image focus, built-in battery operation, and technical specifications.</p>
	<p>Meer YG300 Portable LCD Projector: Full HD, Media Player Specifications</p> <p>Detailed specifications and features of the Meer YG300 portable LCD projector, including its 120 Ansi-Lumen brightness, 1000:1 contrast ratio, WVGA resolution, integrated media player capabilities, and connectivity options.</p>
	<p>Camping am Meer mit Hund: Die ultimative Checkliste für Ihren Urlaub</p> <p>Umfassende Checkliste für Camping am Meer mit Hund. Enthält Packlisten, Reisevorbereitungen und Sicherheitstipps für einen entspannten Urlaub mit Ihrem Vierbeiner. Von Inselcamper Shop.</p>