

JmGO O2-Ultra

JmGO O2 Ultra Short Throw 4K Projector User Manual

Model: O2-Ultra | Brand: JmGO

1. INTRODUCTION

Thank you for choosing the JmGO O2 Ultra Short Throw 4K Projector. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. The JmGO O2 Ultra features native 4K Ultra HD resolution, MALC 2.0 Triple Color Laser technology, and 2800 CVIA Lumens brightness, delivering an immersive home cinema experience. It is co-created with DYNAUDIO for superior audio and includes intelligent features for ease of use.



Image: The JmGO O2 Ultra Short Throw 4K Projector, showcasing its sleek design and front projection lens.

2. IMPORTANT SAFETY INFORMATION

Please read all safety instructions before using the projector. Failure to follow these instructions may result in fire, electric shock, or other injuries.

- **Eye Safety:** Do not look directly into the projector lens when the lamp is on. The intense light can cause eye damage.
- **Ventilation:** Ensure adequate ventilation around the projector. Do not block ventilation openings. Maintain a minimum distance of 10 cm (4 inches) from walls or other objects.
- **Power Source:** Use only the power adapter supplied with the projector. Connect to a grounded power outlet.
- **Heat:** The projector can become hot during operation. Do not touch the projector surface immediately after use.
- **Liquid Exposure:** Do not expose the projector to rain, moisture, or any liquids.
- **Cleaning:** Unplug the projector before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

3. WHAT'S IN THE BOX

Carefully unpack the box and ensure all items are present:

- JmGO O2 Ultra Short Throw 4K Projector
- Remote Control
- Power Adapter
- User Manual (this document)

4. SETUP GUIDE

4.1 Placement

The JmGO O2 Ultra is an ultra short throw projector, designed to project a large image from a very short distance. For a 100-inch screen, the projector only needs to be placed approximately 6 inches (14.6 cm) from the projection surface. Place the projector on a stable, flat surface directly in front of the wall or screen.

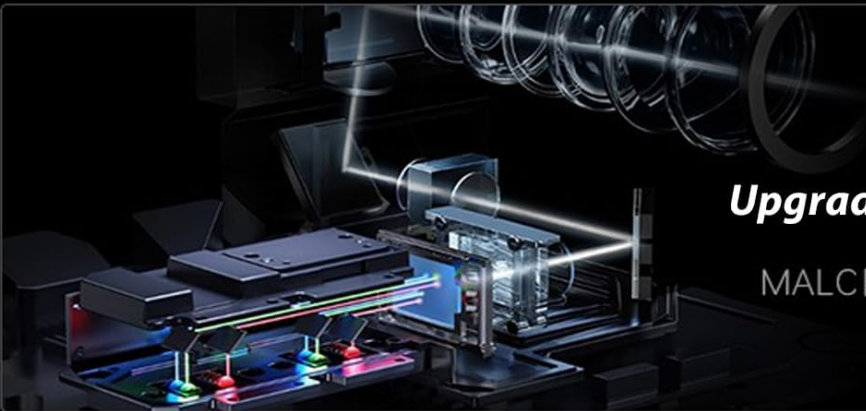
Project 100" only 6" Distance



Screen Height Adjustment

电动微云台

画面上下可调



Upgraded Triple Color Laser

MALC目氦™2.0三色激光光机

Image: Diagram illustrating the ultra short throw distance, showing the projector projecting a 100-inch image from only 6 inches away.

4.2 Power Connection

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

4.3 Initial Setup and Connectivity

Upon first power-on, the projector will guide you through the initial setup process. This includes selecting your language (English is supported), connecting to a Wi-Fi network, and performing automatic screen adjustments.

- **Automatic Adjustments:** The projector features Sensorless Automatic Keystone Correction, Sensorless Auto Focus, Intelligent Screen Leveling, and Intelligent Curtain Alignment for a quick and precise setup.
- **Screen Height Adjustment:** Use the remote control to fine-tune the screen height for optimal viewing.
- **External Devices:** Connect external devices such as gaming consoles, Blu-ray players, or the included KD3 Android TV Stick via the HDMI 2.1 ports. USB 3.0 and USB 2.0 ports are available for external storage or



Image: Visual representation of the projector's intelligent features including wall color adaptive, ambient brightness adaptive, intelligent screen leveling, intelligent curtain alignment, automatic keystone correction, and auto focus.

5. OPERATING THE PROJECTOR

5.1 Remote Control

The included Bluetooth metal remote control allows you to navigate the projector's interface, adjust settings, and control playback. Familiarize yourself with the buttons for power, navigation, volume, input selection, and menu access.

5.2 Bonfire OS and Settings

The JmGO O2 Ultra runs on Bonfire OS, with support for English and global languages. You can access various settings to customize your viewing experience:

- **Picture Settings:** Adjust brightness (2800 CVIA Lumens), contrast (2800:1 max), color temperature, and picture

modes. The projector supports 110% BT.2020 color space and HDR10.

- **Audio Settings:** The projector features co-created DYNAUDIO 10W x2 Dolby Audio HiFi Speakers with subwoofer low to 42Hz. Adjust volume, sound modes, and audio output.
- **Intelligent Features:**
 - *Auto Adaptive Wall Color:* Automatically adjusts projection colors to match the wall color, ensuring accurate image reproduction even on non-white surfaces.
 - *Ambient Brightness Adaptive:* Adjusts brightness based on ambient light conditions for optimal eye comfort.
 - *Full Time MEMC:* Motion Estimation, Motion Compensation for smoother fast-moving scenes.

4 Technological Breakthroughs



Image: Infographic highlighting the four technological breakthroughs: High Brightness (2800 CVIA), High Resolution (4K), High Contrast (2800:1), and High Color Space (110% BT.2020).

42HZ

Super Subwoofer

10W*2

High Power

Valley Droning Bass

Innovative Structures



Image: Visual representation of the projector's audio capabilities, emphasizing the 42Hz Super Subwoofer and 10W*2 High Power with Valley Droning Bass.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your JmGO O2 Ultra 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 Exterior:** Wipe the projector's exterior with a soft, dry cloth. For stubborn marks, slightly dampen the cloth with water. Avoid harsh chemicals.
- **Ventilation:** Regularly check that the ventilation openings are clear of dust and debris to prevent overheating.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, ideally in its original packaging or a protective case.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Power	Power cable loose; Power outlet faulty; Projector off.	Check power cable connection; Try a different outlet; Press power button.
No Image	Input source incorrect; Cable loose; Lens cap on.	Select correct input source; Reconnect HDMI/USB cable; Remove lens cap.
Blurry Image	Focus not adjusted; Projector not level.	Allow auto-focus to complete or manually adjust; Ensure projector is on a flat surface.
No Sound	Volume too low; Muted; Audio output settings.	Increase volume; Unmute; Check audio settings in Bonfire OS.
Remote Not Working	Batteries low; Obstruction; Not paired.	Replace batteries; Remove obstructions; Re-pair remote if necessary.

8. SPECIFICATIONS

Detailed technical specifications for the JmGO O2 Ultra Short Throw 4K Projector:

- Model:** O2-Ultra
- Resolution:** Native 4K Ultra HD (3840x2160 pixels)
- Brightness:** 2800 CVIA Lumens
- Light Source:** MALC 2.0 RGB+ Triple Color Laser
- Contrast Ratio:** FOFO 1800:1 (Max 2800:1)
- Color Space:** 110% BT.2020
- Throw Ratio:** 0.18:1 (100" screen at 6" distance)
- CPU:** MT9679 Quad-Core Cortex-A73
- GPU:** ARM Mali-G52 MP4
- RAM:** 4GB
- Internal Storage:** 64GB eMMC
- Operating System:** Android Bonfire OS
- Audio:** Co-Created with DYNAUDIO 10W x2 Dolby Audio HiFi Speaker (low to 42Hz)
- Connectivity:** HDMI 2.1 (eARC) x1, HDMI 2.1 x1, USB 3.0 x1, USB 2.0 x1, Ethernet RJ45 x1, Headphone 3.5mm x1
- Wireless:** Dual-Bands WIFI 6, Bluetooth 5.2/BLE
- Dimensions:** 12.28 x 11.42 x 5.51 inches
- Weight:** 10.12 pounds
- Special Features:** Ultra Short Throw, Intelligent Variable Aperture, Digital Zoom, Full Time MEMC, HDR 10, Auto Adaptive Wall Color, Ambient Brightness Adaptive, Intelligent Screen Leveling, Intelligent Curtain Alignment, Sensorless Automatic Keystone Correction, Sensorless Auto Focus.

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official JmGO

website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact JmGO customer support through their official channels. Contact information can typically be found on the JmGO website or in your product packaging.