JmGO J78-4D0

JMGO O1 Ultra Short Throw Projector Instruction Manual

Model: J78-4D0

1. INTRODUCTION

The JMGO O1 Ultra Short Throw Projector is designed to deliver a high-definition visual experience with minimal placement distance. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your projector to ensure optimal performance.

Featuring advanced ultra-short throw technology, the JMGO O1 can project large images from a very short distance, making it ideal for various living spaces. It includes integrated Dynaudio speakers for immersive audio and smart functions like autofocus and keystone correction for ease of use.

2. WHAT'S IN THE BOX

Upon unboxing, please ensure all the following items are present:

- Power Cord
- User Manual (this document)
- Wall Color Calibration Tool (if applicable)
- Remote Control (if applicable)
- Projector Lens Cover (if applicable)

3. PRODUCT OVERVIEW

The JMGO O1 projector combines a sleek design with powerful projection capabilities. Its compact form factor allows for flexible placement, while its various ports ensure broad compatibility with external devices.

3.1 Front View

Image: Front view of the JMGO O1 projector, showcasing its minimalist design and the ultra-short throw lens opening.

3.2 Rear Ports

Image: Rear view of the JMGO O1 projector, displaying the various input and output ports including LAN, S/PDIF, USB, HDMI, HDMI-ARC, and DC power input.

The rear panel of the JMGO O1 features a comprehensive set of ports for connectivity:

- **LAN:** Ethernet port for wired network connection.
- **S/PDIF:** Optical audio output for connecting to external sound systems.
- **USB-1 & USB-2:** Two USB ports for connecting external storage devices or accessories.
- **HDMI-ARC:** HDMI port with Audio Return Channel support for simplified audio connections.
- **HDMI:** Standard HDMI input for connecting video sources.
- **DC:** Power input port.

3.3 Top View and Placement

A Legacy of Innovation

Over 600 patents for core optical innovations, leading the next gen of smart projector.

Image: Top view of the JMGO O1 projector, highlighting its sleek, rounded design and touch controls.

The projector's top surface features intuitive touch controls for basic operations. Its ultra-short throw design allows it to be placed just 10.6 inches away from a wall to project an 80-inch to 100-inch screen, eliminating the need for long throw distances.

Image: The JMGO O1 projector positioned on a TV stand, demonstrating its compact size and proximity to the projection surface.

4. SETUP

Follow these steps for initial setup of your JMGO O1 projector:

1. **Placement:** Position the projector on a stable, flat surface. Due to its ultra-short throw capability, place it close to the wall or screen where you intend to project. A distance of approximately 10.6 inches can yield an 80-100 inch image.

2. **Power Connection:** Connect the power cord to the DC input port on the rear of the projector, then plug it into a power outlet.
3. **Power On:** Press the power button on the projector's top panel or on the remote control to turn on the device.
4. **Initial Configuration:** Follow the on-screen prompts for language selection, network connection (Wi-Fi or Ethernet), and basic settings.
5. **Autofocus & Keystone Correction:** The projector features automatic autofocus and keystone correction. It will typically adjust the image automatically upon startup. If manual adjustment is needed, refer to the Operating Instructions section.

5. OPERATING INSTRUCTIONS

5.1 Remote Control

The included remote control provides full functionality for navigating the projector's interface and settings. It features a microphone for voice commands, allowing integration with smart home ecosystems like Alexa.

5.2 Smart Functions (Luna OS)

The JMGO O1 runs on the intuitive Luna OS, offering a user-friendly interface and several intelligent features:

- **Autofocus:** Automatically adjusts the image clarity for a sharp picture.
- **Keystone Correction:** Automatically corrects image distortion to ensure a perfectly rectangular projection.
- **Eye Protection System:** Dims the light output when an object is detected too close to the lens, protecting your eyes.
- **Blue 3D Mode:** Supports 3D content for an immersive viewing experience.

5.3 Image and Audio Settings

Access the projector's settings menu to customize your viewing and listening experience:

- **Image Mode:** Select from predefined modes (Standard, Office, Bright-Colored) or customize your own user mode (Brightness, Contrast, Hue, Saturation, Sharpness).
- **Color Temperature:** Adjust the color balance (Cold, Standard, Warm) to suit your preference.
- **Audio Output:** Utilize the powerful dual 9W Dynaudio speakers, which are Dolby Audio and DTS-HD certified, or connect external audio systems via S/PDIF or HDMI-ARC.
- **Wall Color Calibration:** Use the companion app to calibrate colors based on your wall's color (e.g., yellow, gray, white, black) for optimized image quality.

6. MEDIA PLAYBACK

6.1 Internal Luna OS

The Luna OS provides access to various applications for streaming and media consumption. While some pre-installed apps may require specific versions or side-loading for full functionality, the system is regularly updated.

6.2 External Devices

Connect your preferred media sources using the available ports:

- **HDMI:** Connect streaming sticks (e.g., Amazon Fire Stick, Roku), gaming consoles, laptops, or

Blu-ray players.

- **USB:** Play local media files (videos, music, images) directly from USB drives.
- **Bluetooth:** Connect Bluetooth-enabled devices for audio playback.

7. GAMING

The JMGO O1 is suitable for gaming, especially with its low latency mode. DLP projectors generally offer lower latency times, providing a more responsive gaming experience. Connect your gaming console via HDMI and activate the low latency mode in the video settings for optimal performance.

8. MAINTENANCE

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

- **Lens Cleaning:** Gently clean the projector lens with a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals.
- **Dust Removal:** Periodically clean the projector's exterior and ventilation areas to prevent dust buildup, which can affect performance and cooling.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, ideally covered to protect it from dust.

9. TROUBLESHOOTING

If you encounter issues with your JMGO O1 projector, consider the following common solutions:

- **Image Distortion/Blurriness:** Check autofocus and keystone correction settings. Ensure the projector is placed on a stable surface.
- **No Signal:** Verify that the input source is correctly connected and selected in the projector's menu. Check all cables for secure connections.
- **App Functionality:** Some streaming apps on the Luna OS may require specific versions or updates. Consider using an external streaming device via HDMI for broader app compatibility and performance.
- **Dust on Lens/Projection:** If dust appears on the projected image, gently clean the lens as described in the Maintenance section.
- **Sound Issues:** Check audio output settings. Ensure external speakers are properly connected or that the internal Dynaudio speakers are selected.

10. SPECIFICATIONS

Feature	Specification
Brand	JmGO
Model Number	J78-4D0
Product Dimensions	12.1 x 9.3 x 3.8 inches
Item Weight	5.07 pounds

Display Resolution	1920 x 1080 (Native)
Brightness	280 ISO Lumens (300 CVIA Lumens)
Throw Ratio	0.25:1 (Ultra Short Throw)
Speaker Type	Dual 9W Dynaudio Stereo Speakers (Dolby Audio & DTS-HD certified)
Connectivity Technology	Bluetooth, HDMI (x2, one with ARC), USB (x2), Optical, LAN
Special Features	Autofocus, Keystone Correction, Eye Protection, 3D Mode, Luna OS
Lamp Life	Up to 45,000 hours

11. WARRANTY AND SUPPORT

JMGO offers a 360-day repair warranty for the O1 projector. For any questions or assistance, please contact JMGO customer service. They provide 24/7 online service to address your inquiries.

Contact: after-sales@jmgo.com