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› JMGO N3 Ultimate 4K Triple Laser Projector Instruction Manual

JmGO N3 Ultimate

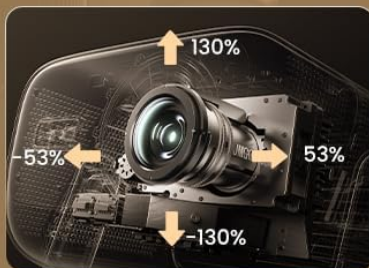
JMGO N3 Ultimate 4K Triple Laser Projector

Instruction Manual

1. INTRODUCTION

Thank you for choosing the JMGO N3 Ultimate 4K Triple Laser Projector. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. Please read this manual thoroughly before using the product.

3-in-1, True Lossless, True Freedom



Four-Way Lens Shift
H $\pm 53\%$, V $\pm 130\%$



Wider Range Optical Zoom
0.88-1.7:1



AI Gimbal
H 360°, V 150°

Image 1.1: The JMGO N3 Ultimate 4K Triple Laser Projector, showcasing its sleek design and front lens.

2. WHAT'S IN THE BOX

Ensure all items are present and in good condition upon unboxing:

- JMGO N3 Ultimate 4K Projector
- Remote Control
- Power Cord
- User Manual (this document)

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Video 2.1: Unboxing the JMGO N3 Ultimate Projector, showing the contents of the package.

3. SETUP

3.1 Initial Placement & Power Connection

1. Place the projector on a stable, flat surface.
2. Connect the power cord to the projector's power input port and then to a power outlet.
3. Press the power button on the projector or remote control to turn it on.

3.2 Image Alignment & Optimization (3-in-1 System)

The N3 Ultimate features a 3-in-1 system for lossless image adjustment:

- **Four-way Lens Shift:** Adjusts the image vertically (V $\pm 130\%$) and horizontally (H $\pm 53\%$) without digital cropping, preserving 4K resolution.
- **Optical Zoom:** Resizes the image (0.88-1.7:1) to fit your wall perfectly without physically moving the projector.
- **AI Gimbal:** Provides 360° pan and 150° tilt movement, allowing you to project on walls, ceilings, or floors with ease.



Image 3.1: Visual representation of the Four-way Lens Shift, Optical Zoom, and AI Gimbal features.

3.3 Smart Auto-Setup & Eye Protection

- **Real-time Auto Keystone and Focus:** The projector automatically aligns and focuses the screen in under a second if bumped.
- **AI Spatial Image Memory:** The projector remembers your preferred wall settings (e.g., front, ceiling, left wall) allowing instant switching between saved projection setups without manual recalibration.
- **Eye Protection:** Utilizes diffuse reflection technology and hardware-level low blue light to reduce eye strain. A smart sensor dims the laser automatically if an object or person approaches the lens.

Stunning 4K UHD up to 300"

Every detail preserved, From tabletop views to cinematic-scale immersion.



4K ULTRA HD

Blu-ray
3D

Dolby
VISION

Dolby Audio

dts X

HDR10

Image 3.2: Illustrates the AI alignment and auto-setup capabilities, simplifying projector configuration.

4. OPERATING INSTRUCTIONS

4.1 Image Quality & Display

- **MALC™ 5.0 Triple Laser:** Delivers 5800 ISO Lumens for bright visuals, even in daylight. Features 4K UHD clarity, 110% BT.2020 color gamut, and pro-level color accuracy ($\Delta E \approx 0.7$).
- **Dynamic Contrast:** Achieves a 3,000,000:1 dynamic contrast ratio (20,000:1 FOFO Contrast) for deep, detailed dark scenes.
- **300” Massive Screen:** Transforms any wall into a large home cinema display.

Stunningly Lifelike Visuals

Masterpiece in Every Frame

5800 ISO
Lumens

4K ULTRA HD



110%
BT.2020

$\Delta E \approx 0.7$



Image 4.1: The JMGO N3 Ultimate projecting a large, vibrant 4K image in a home setting.

4.2 Audio Experience

- **Dual Speakers:** Custom 2x12.5W dual speakers provide ultra-deep 35Hz bass.
- **Dolby Audio:** Combines with the speakers for a room-filling, immersive 3D surround sound experience.

4.3 Smart Features & Connectivity

- **Official Google TV Ecosystem:** Stream natively from Netflix, Prime Video, YouTube, Disney+, and more.
- **Built-in Chromecast & Google Assistant:** For easy content casting and voice searches.
- **Performance:** Upgraded 4GB RAM and 64GB ROM ensure fast navigation and app loading.
- **Connectivity:** HDMI, USB, and Wi-Fi for versatile device connections.

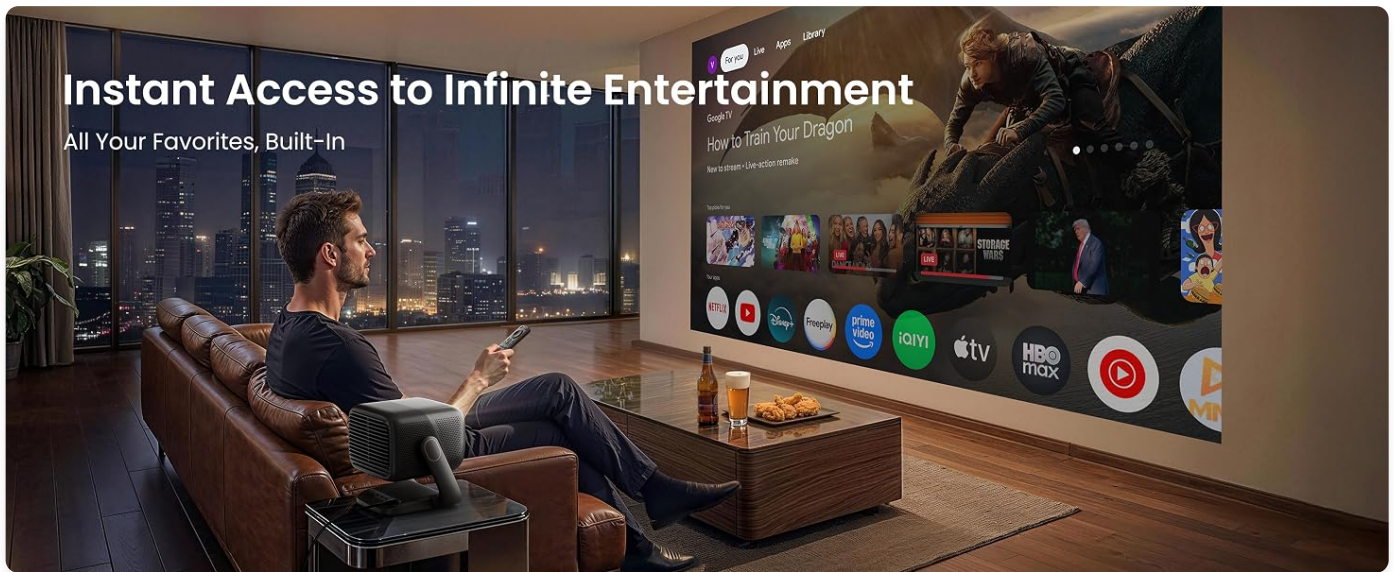


Image 4.2: Close-up of the projector's rear panel, showing HDMI, USB, and power ports for various connections.

4.4 Gaming Performance

- **VRR, 240Hz & 1ms Low Latency:** Supports HDMI VRR to prevent screen tearing, offering super-smooth gameplay with up to 240Hz refresh rates and ultra-low 1ms input lag.
- **Dedicated Game Modes:** Optimize image quality for different game genres.

Next-Gen MALC™ 5.0 Triple Laser

High-Efficiency Optics, True-to-Life Images.

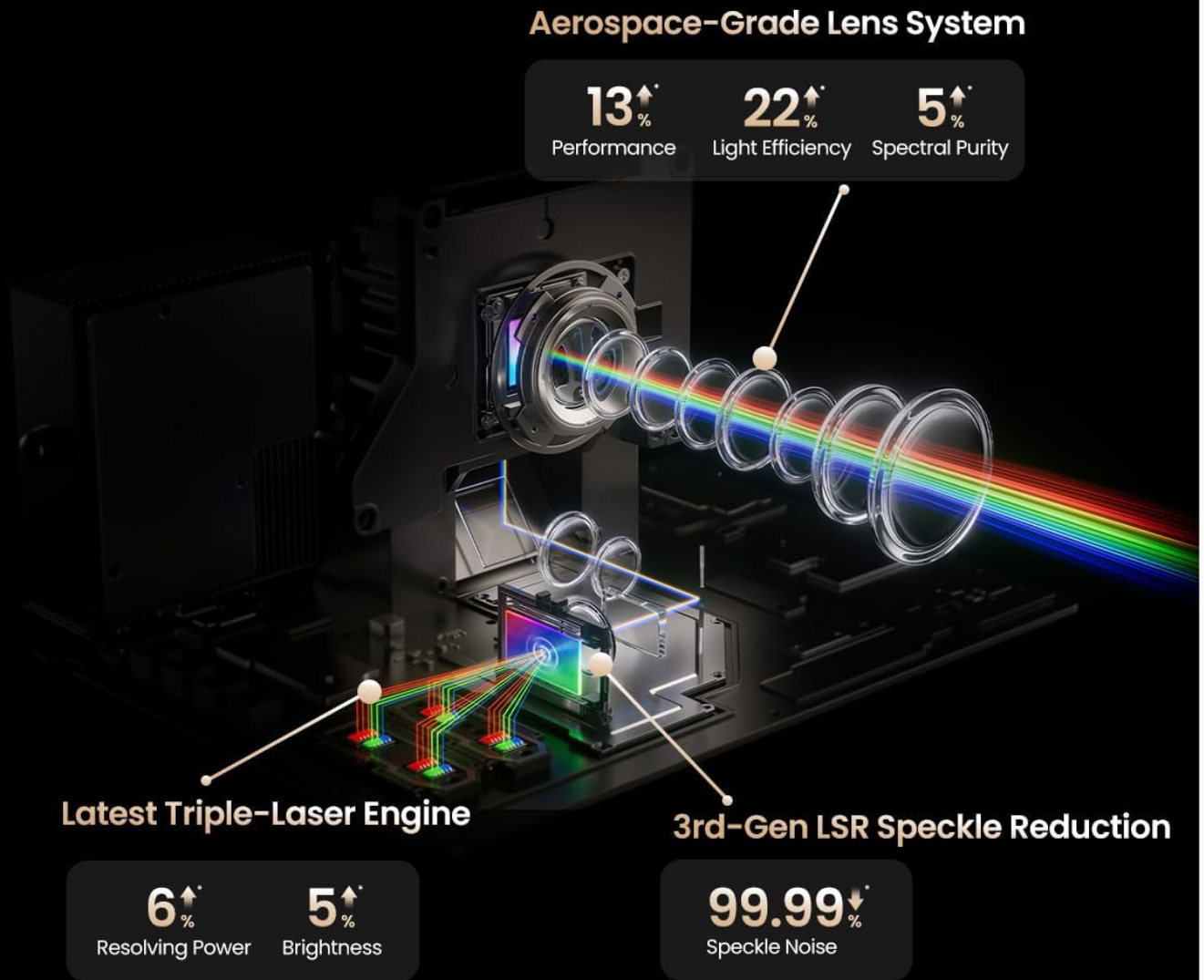


Image 4.3: Depicts the JMGO N3 Ultimate's gaming capabilities, highlighting low latency and high refresh rates.

5. MAINTENANCE

To ensure the longevity and optimal performance of your JMGO N3 Ultimate projector, follow these maintenance guidelines:

- **Cleaning the Lens:** Use the provided JMGO Polishing Cloth or a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens in a circular motion to remove dust or smudges. Avoid using abrasive materials or chemical cleaners.
- **Cleaning the Projector Body:** Wipe the exterior of the projector with a soft, dry cloth. Do not use liquid cleaners directly on the device.
- **Ventilation:** Ensure the projector's ventilation openings are clear and unobstructed to prevent overheating. Avoid placing the projector on soft surfaces that might block airflow.
- **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, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter any issues with your JMGO N3 Ultimate projector, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cord is securely connected to both the projector and the power outlet. Try a different outlet to rule out power supply issues.
- **No Image:** Check that the projector is turned on. Verify the input source is correctly selected (e.g., HDMI, USB). Ensure the lens cap is removed.
- **Blurry Image:** Allow the auto-focus feature to complete. If still blurry, manually adjust the focus via the settings menu. Ensure the projection surface is flat and clean.
- **Image Distortion (Trapezoid Shape):** The projector features real-time auto keystone correction. If manual adjustment is needed, access the keystone correction settings.
- **Remote Control Not Responding:** Check the batteries in the remote control and replace them if necessary. Ensure there are no obstructions between the remote and the projector.
- **Overheating Warning:** Ensure the ventilation vents are not blocked. Turn off the projector and allow it to cool down in a well-ventilated area.

For persistent issues, please contact JMGO customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	JmGO
Model Name	N3 Ultimate
Display Resolution	3840 x 2160 (4K Ultra HD)
Display Type	Laser (MALC™ 5.0 Triple Laser)
Brightness	5800 ISO Lumens

Feature	Detail
Contrast Ratio	20000:1 (FOFO Contrast), 3,000,000:1 (Dynamic Contrast)
Color Gamut	110% BT.2020
Lens Shift	H ±53%, V ±130%
Optical Zoom	0.88-1.7:1
AI Gimbal	H 360°, V 150°
Low Latency	1ms
Refresh Rate	Up to 240Hz (with VRR)
Operating System	Official Google TV
RAM/ROM	4GB RAM / 64GB ROM
Audio	2x12.5W Dual Speakers, Dolby Audio, DTS-X
Connectivity	HDMI (eARC), HDMI, USB 3.0, Wi-Fi
Maximum Image Size	300 Inches
Item Weight	15.35 Pounds
Item Dimensions L x W x H	9.05"L x 10.79"W x 12.14"H

8. WARRANTY

The JMGO N3 Ultimate 4K Triple Laser Projector comes with a **1-year manufacturer's warranty**. For detailed terms and conditions, please refer to the warranty information provided with your product packaging. Additionally, a 30-day refund/replacement return policy is available through the retailer.

9. SUPPORT

For any questions, technical assistance, or warranty claims, please contact JMGO Customer Service:

- **Email:** after-sales@jmgo.com

Image 9.1: Contact information for JMGO customer service.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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