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Valerion VisionMaster Pro

Valerion VisionMaster Pro 4K Laser Projector Instruction Manual

Model: VisionMaster Pro | Brand: Valerion

1. INTRODUCTION

Welcome to the Valerion VisionMaster Pro 4K 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.

2. WHAT'S IN THE BOX

Your Valerion VisionMaster Pro package includes the following items:

- VisionMaster Pro Projector
 - Remote Control
 - User Manual (this document)
 - Power Adapter
 - EPP Protective Case
-

Anti-RBE. Ahead of the Game.



VisionMaster Pro
Reduce 99.99% Rainbow Flickers
*Via Upgraded 2026 OTA2

Other High-End Projector
Distracting Rainbow Effects

Image: Valerion VisionMaster Pro projector with included accessories.

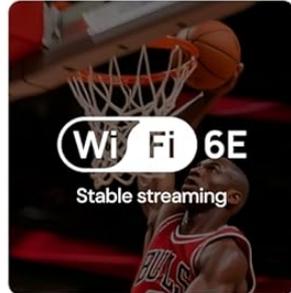
3. PRODUCT OVERVIEW

3.1 Front View

Stream without stutter.

4GB
4GB RAM

128GB
128GB RAM



24/48 fps Film-true motion



Game without lag.

240 Hz

4ms 4ms Lag

HDMI 2.1

21:9 / 32:9

Ultra-Wide View

Image: The front of the projector features the main projection lens and integrated sensors for auto-focus and keystone correction.

3.2 Rear View (Connectivity Ports)

Tailored Settings for Every Game Type

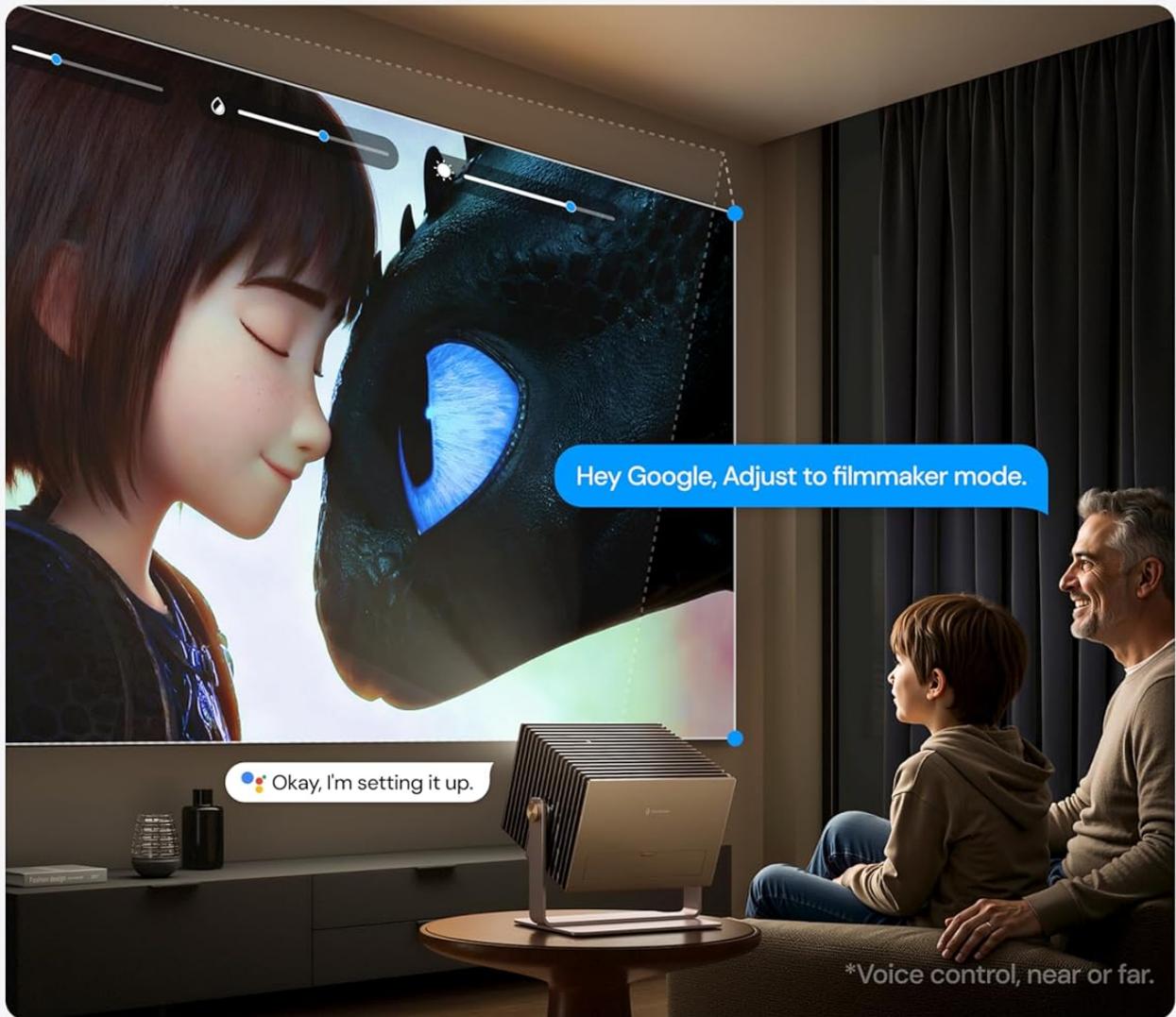


Image: The rear panel provides various connectivity options, including HDMI, USB, Ethernet, and audio outputs.

- **DC 36V:** Power input.
- **S/PDIF:** Optical audio output.
- **USB 3.0:** High-speed USB port for external storage or devices.
- **USB 2.0:** Standard USB port for external storage or devices.
- **HDMI 1, HDMI 2, HDMI 3 (eARC):** HDMI inputs for connecting external video sources. HDMI 3 supports eARC for enhanced audio return.
- **Audio Out:** 3.5mm audio jack for external speakers or headphones.
- **LAN:** Ethernet port for wired network connection.

3.3 Remote Control

Simply Enjoy



AI BOX

AI BOX

Automatic scene & Image optimization.



Auto Calibration

Precise setup.
Done in seconds.



Auto Focus

Instant clarity

Image: The included remote control allows for easy navigation and control of the projector's features.

4. SETUP

4.1 Placement

The VisionMaster Pro offers flexible placement options thanks to its 0.9-1.5 throw ratio optical zoom and automatic adjustment features. You can project an image up to 300 inches.



AI-Enhanced Imagery for 4K Brilliance

Transform every detail from Full HD to stunning 4K with AI-Super Resolution elevating your entertainment to a new level of brilliance and clarity

Image: Optical zoom allows for flexible projector placement without loss of image clarity.

For optimal viewing, ensure the projector is placed on a stable, flat surface or mounted securely. The projector features automatic focus and keystone correction to quickly adjust the image geometry.

4.2 Power On and Initial Setup

1. Connect the power adapter to the DC 36V port on the projector and plug it into a power outlet.
2. Press the power button on the projector or the remote control to turn it on.
3. The projector will automatically perform auto-focus and auto-keystone correction.
4. Follow the on-screen prompts to complete the initial setup, including language selection and network connection.

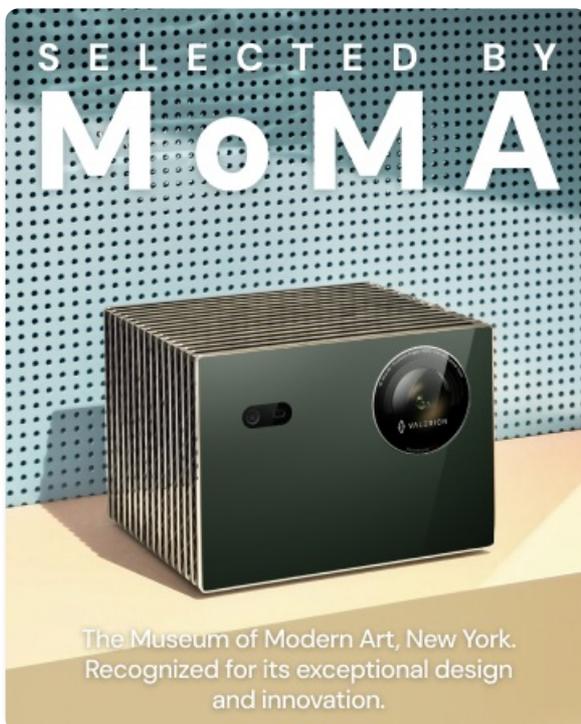


Image: The projector features AI Box for automatic scene optimization, auto-calibration for precise setup, and auto-focus for instant clarity.

5. OPERATING INSTRUCTIONS

5.1 Smart OS and Streaming

The VisionMaster Pro features an AI Smart OS with built-in Google TV+, providing instant access to popular streaming platforms like Netflix, YouTube, Amazon Prime Video, and Disney+. Its MT9618 chipset with 4GB RAM

and 128GB ROM ensures seamless multitasking and smooth 4K UHD streaming.

Image: The Google TV interface offers easy access to streaming apps and content.

5.2 Picture Settings

Experience stunning visuals with 4K UHD clarity, 15,000:1 contrast ratio, and Enhanced Black Level (EBL) technology. The projector supports HDR10+ with Dynamic Tone Mapping and is ISF-certified for color accuracy.

- **Brightness:** Adjust the ISO Lumens output. For optimal black levels, ensure the room is as dark as possible.
- **Contrast:** The 15,000:1 contrast ratio with EBL delivers deep blacks.
- **Color:** 110% Rec.2020 wide color gamut ensures vivid, lifelike colors. ISF-certified calibration provides industry-leading color accuracy.
- **AI Super Resolution:** Enhances Full HD content to sharper 4K details.
- **Dynamic Tone Mapping:** Optimizes brightness and contrast for HDR10+ content in real-time.



Image: The projector offers color mastery with RGB Laser technology, ISF certification, and Dynamic Tone Mapping.

5.3 Sound Settings

The VisionMaster Pro supports Dolby Vision and DTS:X audio formats for an immersive sound experience. While it has built-in speakers, connecting to an external sound system via HDMI (eARC) or optical output is recommended for a full home theater experience.

5.4 Gaming Mode

For gamers, the projector offers ultra-smooth 4ms input lag and a 240Hz refresh rate on ultra-wide 21:9 or 32:9 screens. Customize your gameplay with dedicated modes like RPG, FPS, and RCG, along with enhanced FPS crosshairs and night vision.

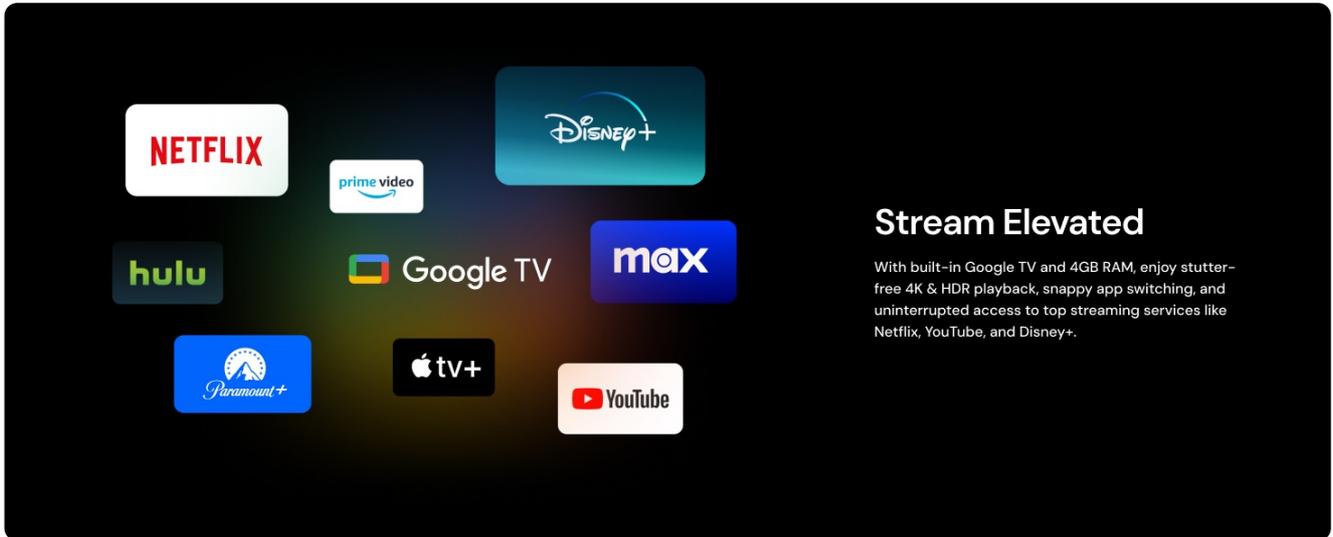


Image: The projector supports 4ms input lag and 240Hz refresh rate for pro-level gaming.

5.5 Voice Control and Casting

Control your projector with voice commands via Alexa, Google Home, or Apple HomeKit. Stream high-resolution content effortlessly from any device with AirPlay 2, Miracast, and Chromecast support.

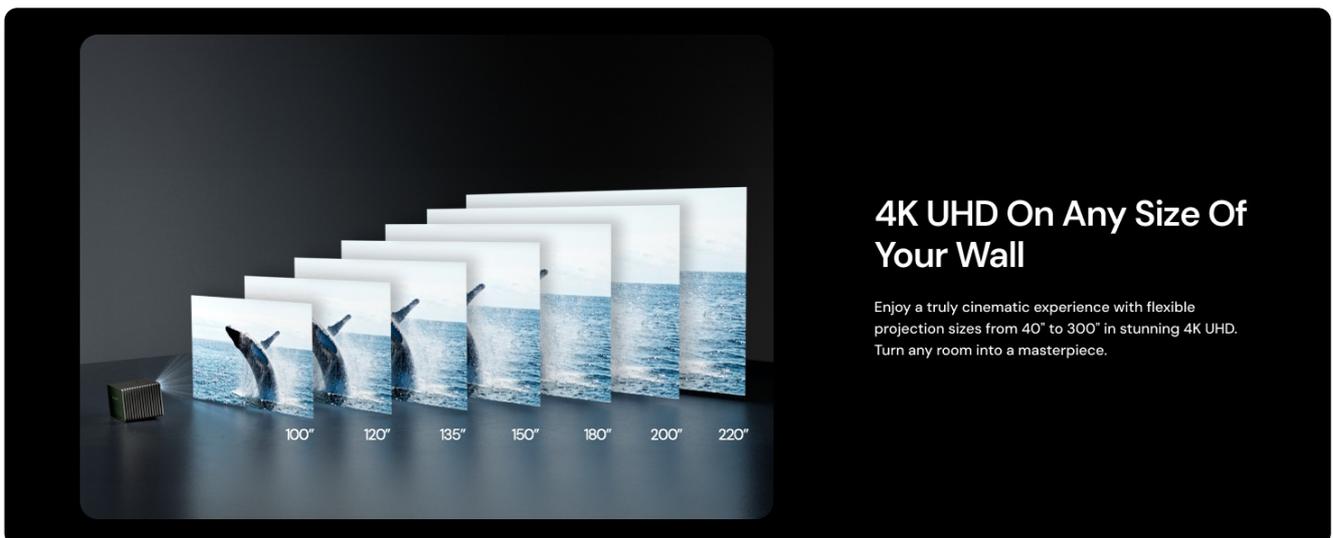


Image: The projector is the first to offer Google Assistant support in near and far field.

6. MAINTENANCE

6.1 Cleaning

Regularly clean the projector lens with a soft, lint-free cloth. Avoid using abrasive cleaners or solvents. Keep the ventilation grilles clear of dust to ensure proper airflow.

6.2 Firmware Updates

To ensure optimal performance and access to the latest features, keep your projector's firmware updated. Anti-RBE technology, for example, requires a two-part firmware update (System Firmware OTA and DLP Display Engine Firmware).



Image: Firmware updates are crucial for enabling features like Anti-RBE. Both System Firmware (OTA) and DLP Display Engine Firmware updates are required.

7. TROUBLESHOOTING

If you encounter any issues with your VisionMaster Pro, please refer to the following common solutions:

- **No Power:** Ensure the power adapter is securely connected to both the projector and the power outlet. Try a different outlet.
- **No Image:** Check that the correct input source is selected. Verify HDMI cables are securely connected.
- **Blurred Image:** Allow the auto-focus to complete. If needed, manually adjust focus via settings.
- **Image Distortion:** Allow auto-keystone correction to complete. If needed, manually adjust keystone via settings.
- **No Sound:** Check the volume level on the projector and your connected audio device. Ensure the correct audio output is selected.

For further assistance, please contact Valerion Customer Service.

8. SPECIFICATIONS

Brand:	Valerion
Model Number:	VisionMaster Pro
Display Resolution:	3840 x 2160 (4K UHD)
Brightness:	2500 ISO Lumens
Contrast Ratio:	15,000:1 with EBL
Light Source:	RGB Laser (DLP)
Color Range:	110% REC 2020

Throw Ratio:	0.9-1.5:1
Connectivity Technology:	Bluetooth 5.2, Ethernet, HDMI 2.1, USB 3.0, Wi-Fi 6e
Special Features:	HDR 10+, IMAX Enhanced, Optical Zoom 0.9-1.5, 4ms Input Lag, 240Hz Refresh Rate, AI Smart OS
Item Weight:	15.4 pounds
Product Dimensions:	7.48 x 9.45 x 10.24 inches

9. WARRANTY & SUPPORT

9.1 30-Day Price Protection

How will EBL effect image contrast

1. Function of EBL

- EBL (Enhanced Black Level) improves black levels in darker scenes.
- It is most effective for **low APL (Average Picture Level) content**, such as **dark movie scenes or black images**.
- In **bright scenes**, the contrast enhancement is minimal and hardly noticeable.

3. How to Maximize EBL Performance

- **Ensure the room is as dark as possible** to minimize ambient light interference.
- **Increase laser luminance before enabling EBL** to enhance the perceived contrast improvement.

2. Effectiveness by Projector Model

- **Pro2:** Native contrast ratio **4000:1**, increases to **15,000:1** with EBL enabled, showing the most noticeable improvement.
- **Plus & Plus2:** Native contrast ratio **3000:1**, increases to **10,000:1** with EBL enabled, still significant but slightly less pronounced than Pro2.

4. Best Test Conditions

Test with **dark movie scenes or black images** to observe the full impact of EBL.

Image: Valerion offers a 30-Day Price Protection policy. If the price drops within 30 days of purchase from Valerion on Amazon, contact customer service for a refund of the difference.

9.2 Customer Service

For any inquiries or support, please contact Valerion Customer Service:

- **Email:** support@valerion.com
- **Live Chat:** Available on our website, Mon-Fri | 9 AM – 6 PM (EST)
- **Call or WhatsApp:** +1 (888) 891-8839, Mon-Fri | 9 AM – 6 PM (EST)

Electroplated Metal Strips

The unique 14 electroplated strip design enhances sturdiness, durability, and reliability, supporting up to 100kg



Image: Valerion Customer Service contact details for email, live chat, and phone/WhatsApp support.

10. PRODUCT VIDEOS

Valerion VisionMaster Pro: Theater-Size Home Viewing

Video: Experience theater-size home viewing with the Valerion VisionMaster Pro projector.

Valerion VisionMaster Pro2: Outdoor Big Screen Magic

Video: See how the Valerion VisionMaster Pro2 transforms outdoor spaces into big-screen entertainment areas.

Meet the VisionMaster Pro2: A Good Projector Can Do It All

Video: An overview of the versatile capabilities of the VisionMaster Pro2 projector.