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> AWOL VISION LTV-3000 Pro User Manual

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4K 3D Ultra Short Throw Triple Laser Projector

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your AWOL VISION LTV-3000 Pro 4K 3D Ultra Short Throw Triple Laser Projector. Please read this manual thoroughly before using the product to ensure optimal performance and safety.



Figure 1: AWOL VISION LTV-3000 Pro Projector.

2. KEY FEATURES

- **Integrated Center Channel Speaker:** Features innovative center speaker mapping for clear dialogue directly from the screen.
- **Triple Laser Technology:** Utilizes RGB triple laser without a color wheel for unmatched sharp and colorful images.
- **4K UHD with Dolby Vision & HDR10+:** Supports high dynamic range content for superior contrast and color accuracy.
- **Dolby Atmos Audio:** Provides immersive 3D audio experience.
- **3D Capability:** Supports active shutter 3D glasses for an immersive cinematic experience.
- **Wide Color Gamut:** Covers 107% of BT.2020 and 147% of DCI-P3 for over 1 billion colors.
- **PJ Link IP Control:** Enables integration with home automation systems like Control4.
- **Low Latency Gaming:** Offers 8ms latency and 120Hz refresh rate at 1080p for smooth gaming.
- **Energy Efficient:** Consumes significantly less power than traditional LED televisions.

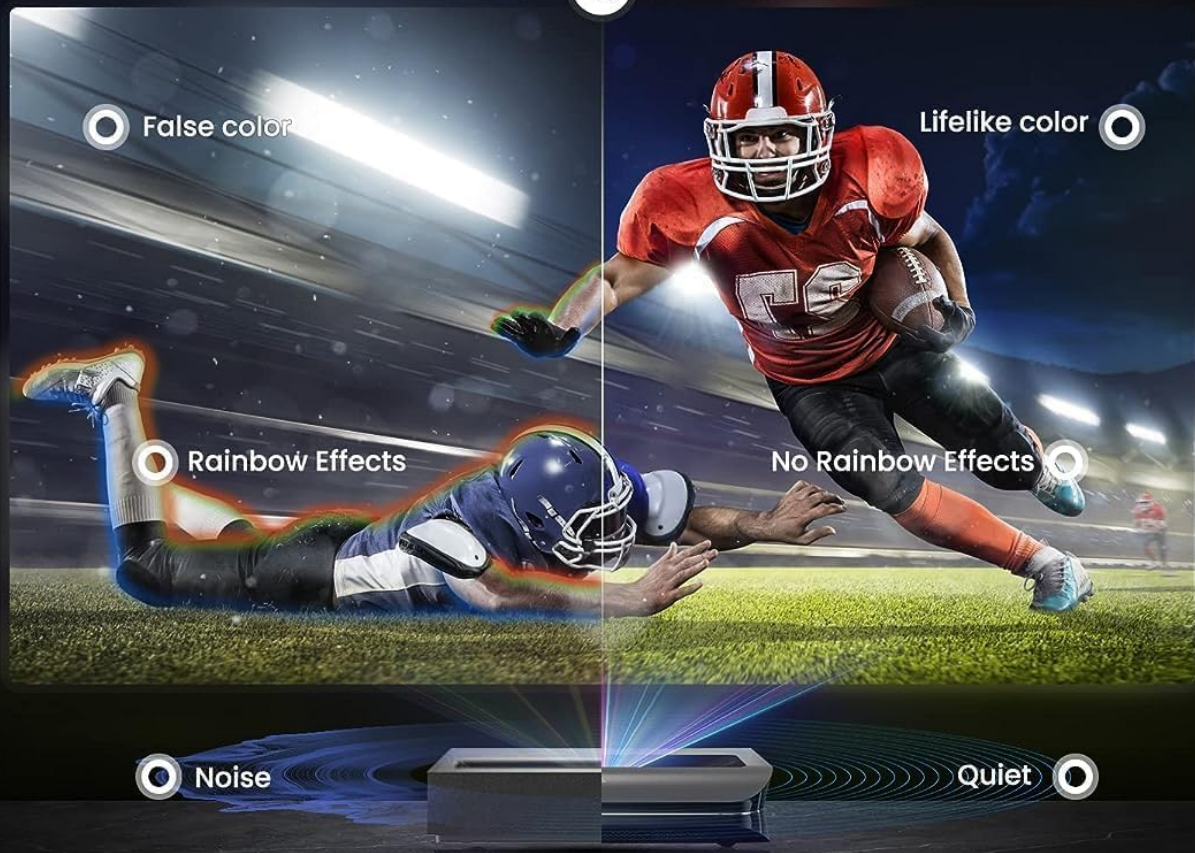


The advertisement features a black LTV-3000 Pro projector on a dark surface, projecting a vibrant, multi-colored light. A red banner in the top right corner reads "Dolby Vision Ready". The main text reads "LTV-3000 Pro" and "The Most Adaptable 4K 3D RGB Laser Projector". Below the projector, a pair of active shutter 3D glasses is shown next to a Ricoh F2.0 glass lens. The text "Perfect SHARPNESS" and "RICOH F2.0 GLASS LENS" is displayed. At the bottom, a grid of feature icons includes: RGB TRIPLE LASER, active 3D, Dolby Vision (with a "New" tag), 4K ULTRAHD, Whisper-quiet < 27dB, Turbo Game mode 8ms, 24FPS Original Movie Frame, Enhanced Contrast 2500:1, Control4 Compatible, HDR 10+, 1+ BILLION COLORS (107% REC.2020), and Dolby ATMOS.

Figure 2: Overview of LTV-3000 Pro's advanced features.

3 Pure Color without Color Wheel

Other Brands VS AWOL VISION



MOST ADVANCED OPTICAL SYSTEM FOR TRIPLE COLOR PROJECTOR

- Incredible Color Accuracy
- No Rainbow Effects
- Noise Reduction

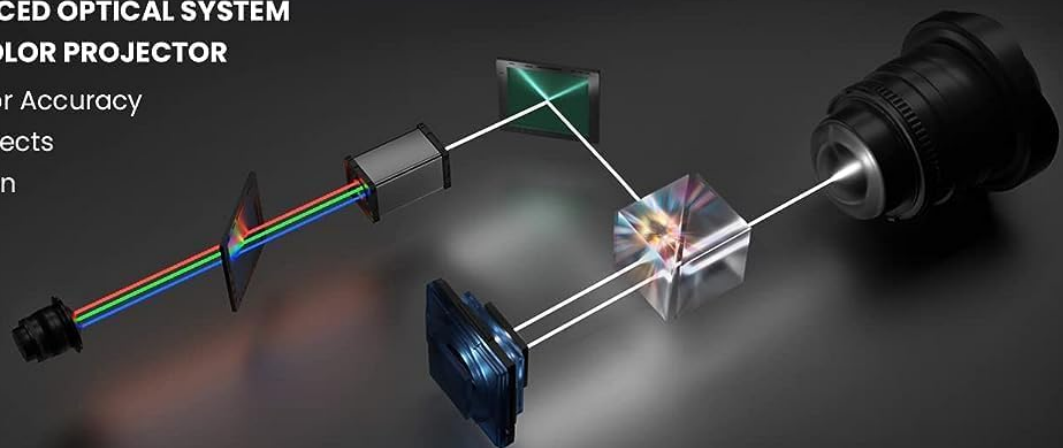


Figure 3: Illustration of the Triple Laser optical system for accurate color and noise reduction.

3. SETUP

3.1. Unpacking and Placement

Carefully remove the projector from its packaging. Ensure all components listed in the "What's in the Box" section are present. The LTV-3000 Pro is an Ultra Short Throw (UST) projector, designed to be placed very close to the projection

surface (wall or screen).

Optimal placement is crucial for image quality. Refer to the table below for recommended distances based on desired screen size. The projector should be placed on a stable, level surface.



Figure 4: Detailed image throw distance ratio table for various screen sizes.

3.2. Connections

Connect your video sources (e.g., Blu-ray player, gaming console, streaming device) to the HDMI ports on the rear of the projector. The LTV-3000 Pro includes a dedicated compartment for a streaming stick (e.g., Fire TV 4K Max stick) for seamless smart functionality.

For external audio systems, utilize the available audio output ports. The projector also supports PJ Link IP control for integration with home automation systems like Control4.

3.3. Audio Setup (Dolby Atmos)

To enhance your audio experience with Dolby Atmos, follow these steps:

1. Navigate to the projector's **Settings** menu.
2. Select **Sound**.
3. Enable the **Dolby Atmos** option.

Your browser does not support the video tag.

Video 1: Guide to enabling Dolby Atmos for enhanced audio. Human sound can be enhanced by enabling Dolby Atmos following the sequence: [Settings] -> [Sound] -> [Dolby Atmos].

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

Press the power button on the projector or the remote control to turn the unit on or off. Allow a few moments for the projector to warm up and display the image.

4.2. Image Adjustment

The LTV-3000 Pro features digital focus controls and 8-point keystone correction to fine-tune the image. Access these settings through the projector's menu to achieve a perfectly rectangular and sharp image on your screen.

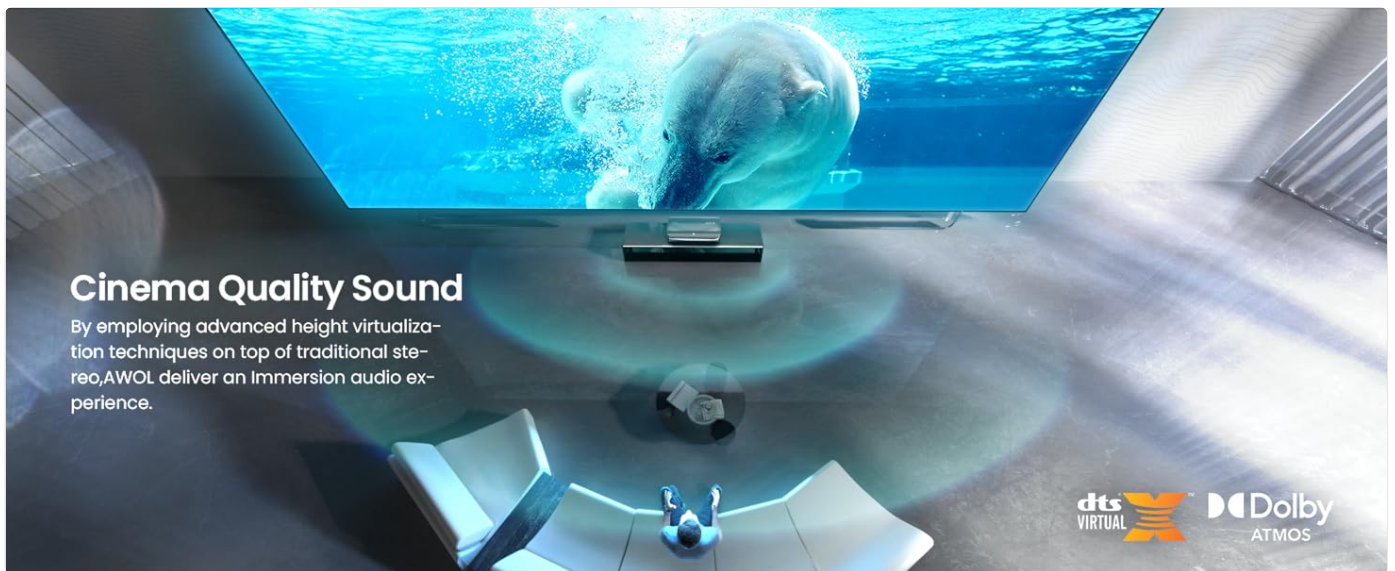


Figure 5: Interface for adjustable focus and 8-point keystone correction.

For optimal color accuracy, utilize the Full Color Management System (CMS) to fine-tune color settings to match your viewing environment. This system provides flexibility to adjust red hue, saturation, brightness, and gain/offset settings.

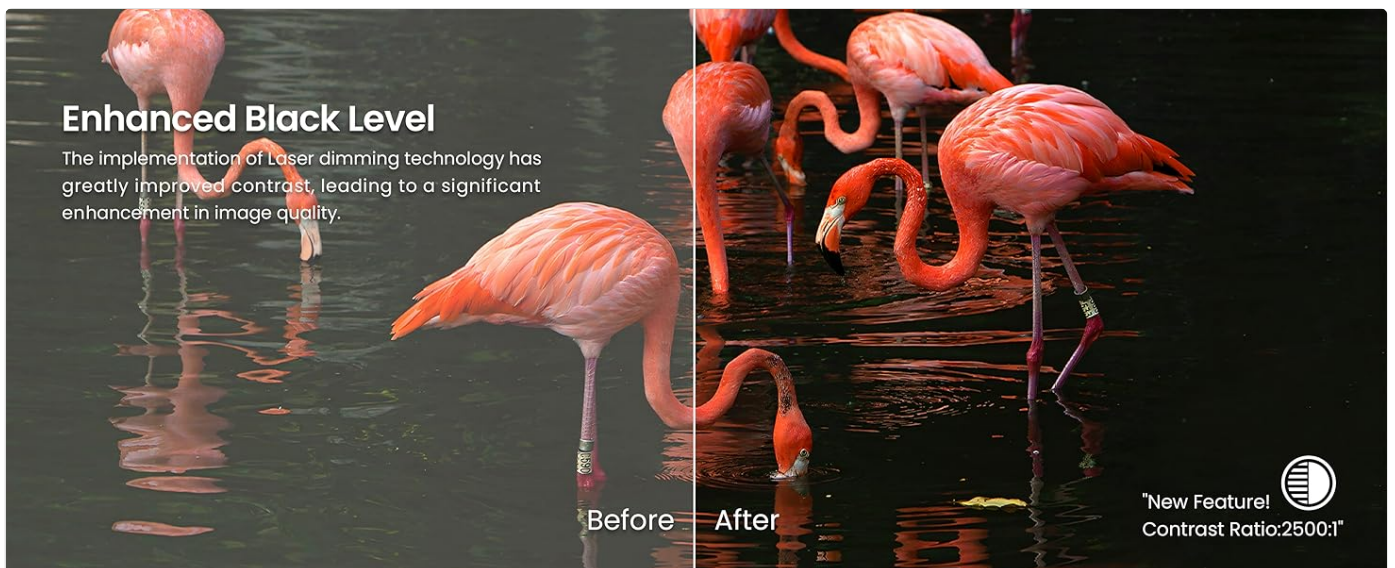


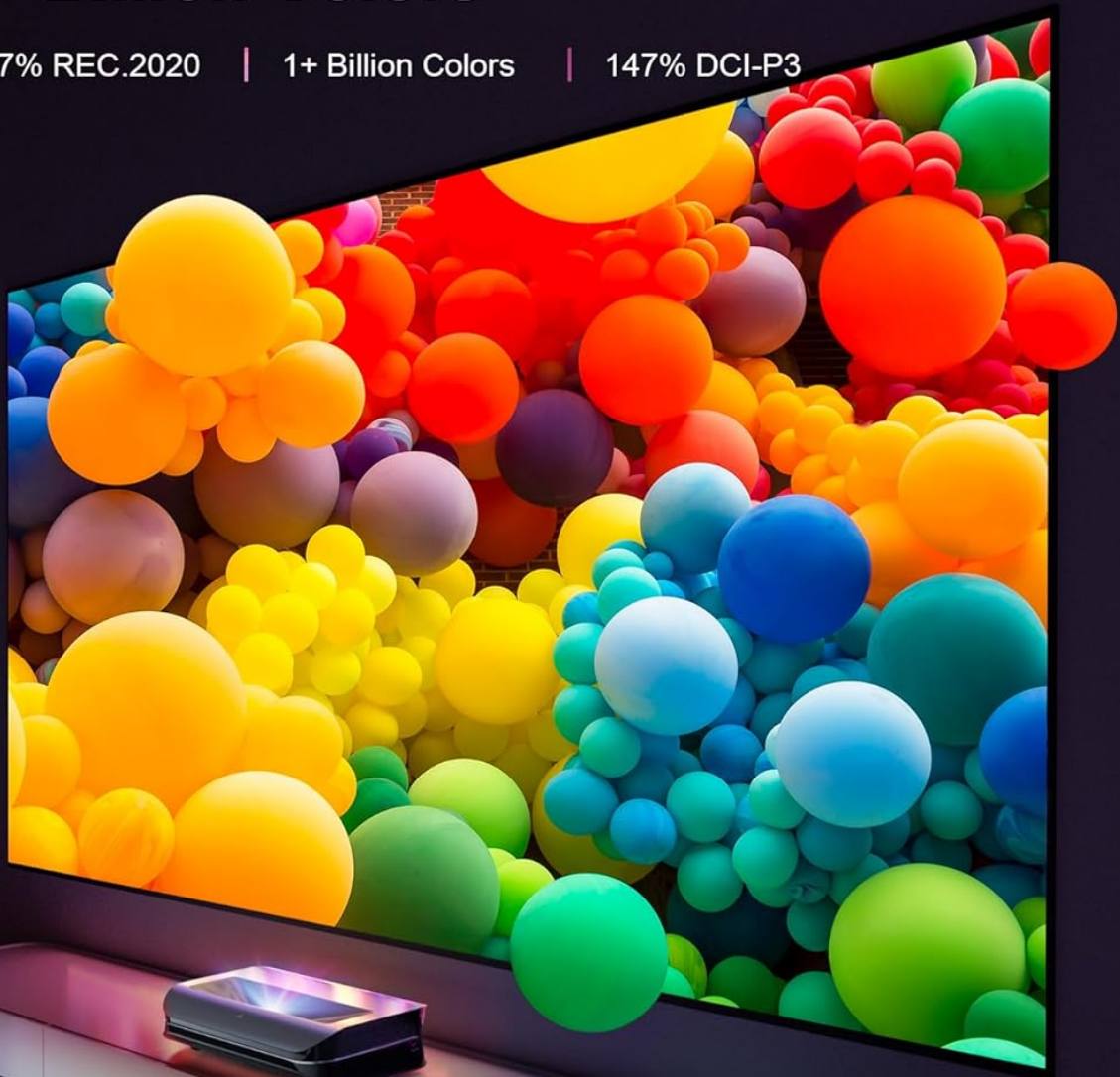
Figure 6: Full Color Management System (CMS) for precise color calibration.

Movie Comes Alive With 1+ Billion Colors

107% REC.2020

| 1+ Billion Colors

| 147% DCI-P3



Triple Laser
Projection



Cinematic 4K
Ultra HD



Figure 7: The projector's ability to display over 1 billion true-to-life colors.

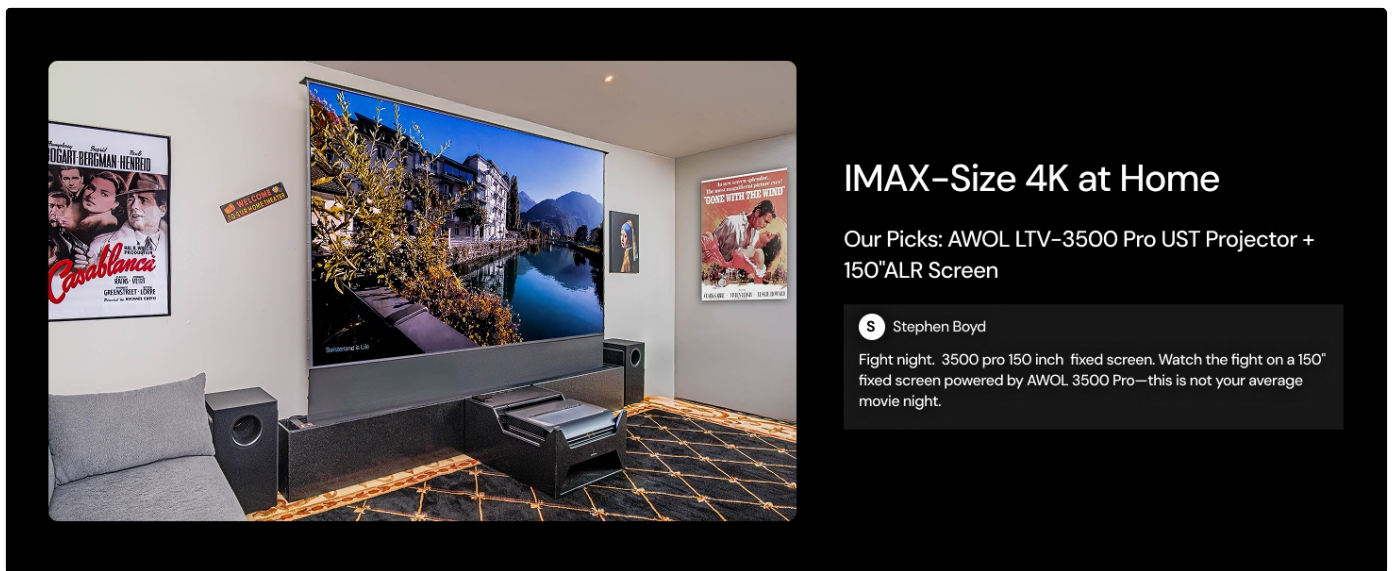


Figure 8: Demonstration of enhanced black levels through laser dimming technology.

4.3. 3D Operation

To enjoy 3D content, ensure you have active shutter 3D glasses. Insert a 3D Blu-ray disc or play compatible 3D content. You may need to manually select the 3D mode in the projector's settings. The projector will then display the content in immersive 3D.

CINEMATIC 3D DISPLAY



* Work with DLP Link 3D Glasses

Figure 9: Example of immersive 3D cinematic display.

4.4. Gaming Mode

For an optimized gaming experience, the LTV-3000 Pro offers a Turbo mode with 8ms ultra-low latency and a 120Hz refresh rate at 1080p, minimizing ghosting and input lag.

Where lag dies, immersion lives.

Experience reference-grade motion clarity with 8ms and 120Hz refresh rate at 1080p resolution, eliminating ghosting for competitive precision.



Figure 10: High-performance gaming with low latency and high refresh rate.

4.5. Smart Features and Integration

The projector seamlessly integrates with smart home systems like Control4, allowing control over power, volume, and HDMI source switching. It also supports voice commands via Alexa and Google Assistant for Home Cinema mode and Game mode.

Smart Room Ready

Control4

AWOL is now seamlessly integrated with Control4. Easily control our projector's power, volume, HDMI source switching and more through Control4.

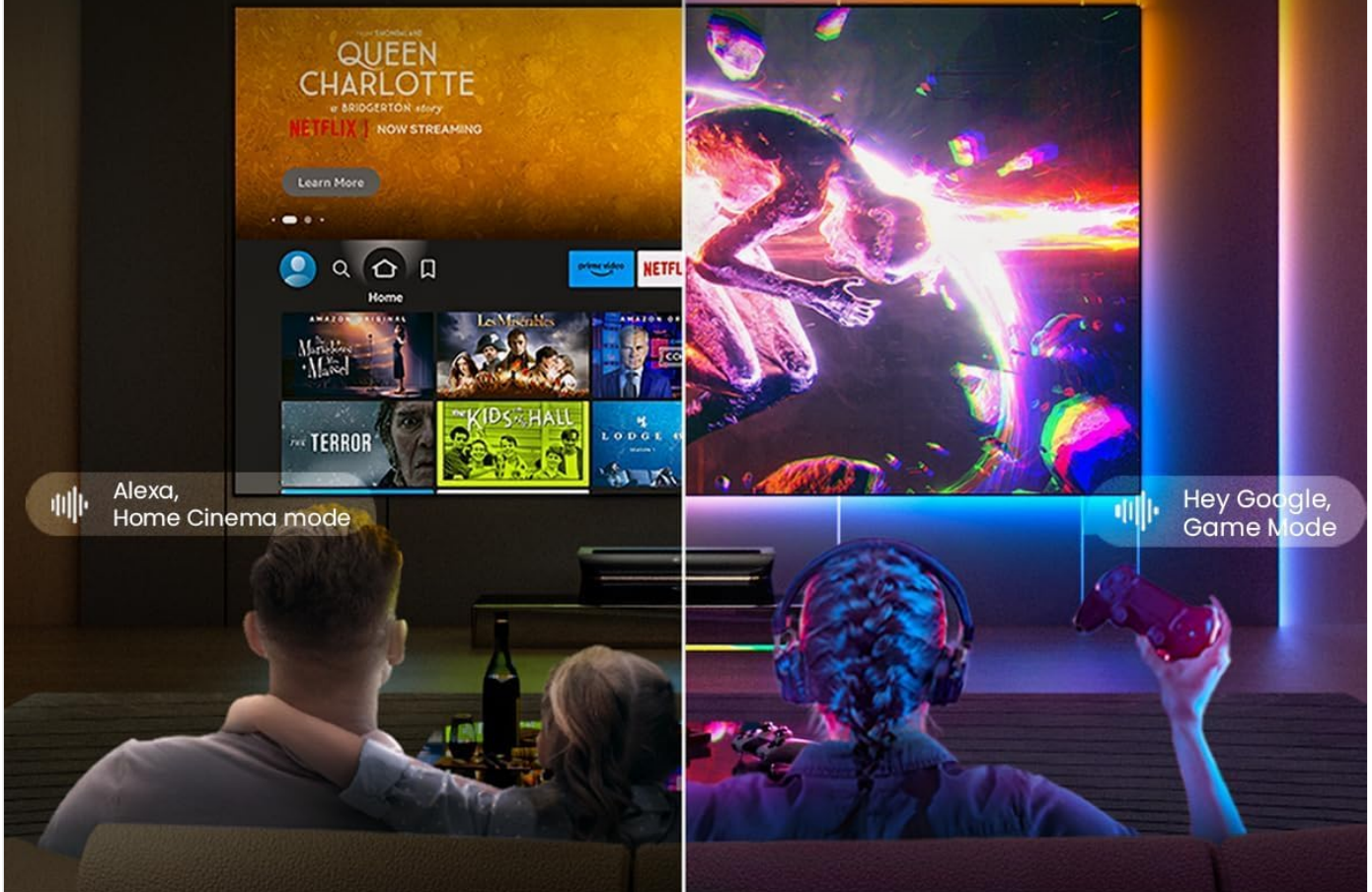


Figure 11: Smart home integration capabilities for convenient control.

Full Color Management System (CMS)

The unique feature provides you with the flexibility to fine-tune the color settings for optimal precision, display accurate lifelike colors to best match your viewing environment.

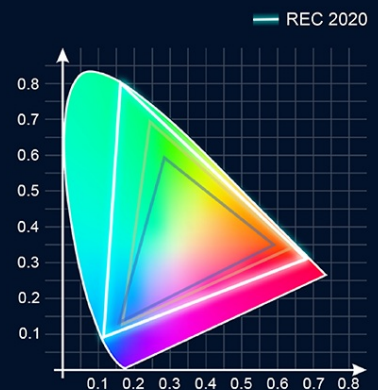


Figure 12: The projector's compatibility with popular smart home ecosystems.

5. MAINTENANCE

5.1. Cleaning

- **Exterior:** Use a soft, dry cloth to wipe the projector's exterior. For stubborn marks, slightly dampen the cloth with water. Avoid abrasive cleaners or solvents.
- **Lens:** Gently clean the projector lens with a lens cleaning cloth or a soft, lint-free cloth specifically designed for optical surfaces. Do not use excessive force or harsh chemicals.
- **Air Vents:** Periodically check and clean the air vents to ensure proper airflow and prevent overheating. Use a soft brush or compressed air to remove dust accumulation.

5.2. Laser Care

The LTV-3000 Pro uses a durable laser light source that requires minimal maintenance. Avoid touching the laser output window directly. The projector features an auto-shutoff function if movement is detected close to the device, protecting both the laser and curious eyes.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Power cable disconnected; Input source not selected; Device not powered on.	Ensure power cable is securely connected. Select the correct HDMI input. Power on the connected source device.
Image is blurry	Incorrect focus; Lens dirty; Projector not level.	Adjust digital focus. Clean the lens. Ensure the projector is on a flat surface.
Image is distorted (trapezoid shape)	Incorrect keystone correction; Projector not perpendicular to screen.	Adjust 8-point keystone correction. Reposition the projector to be as square as possible to the screen.
No sound	Volume too low; Muted; Incorrect audio output selected; Dolby Atmos disabled.	Increase volume. Unmute. Check audio output settings. Enable Dolby Atmos if desired.
Remote control not working	Batteries dead; Obstruction between remote and projector; Remote not paired.	Replace batteries (2 AA batteries required). Remove obstructions. Re-pair remote if necessary.

7. SPECIFICATIONS

Feature	Detail
Brand Name	AWOL VISION
Model Number	LTV-3000 Pro
Item Weight	28.1 pounds
Package Dimensions	27 x 18 x 11 inches

Feature	Detail
Batteries	2 AA batteries required (included)
Color Name	Black
Specification Met	FCC Certificate, IEC Certificate
Special Features	3D-Ready, Dolby Vision
Recommended Uses	Home Cinema
Connectivity Technology	HDMI
Display Resolution	3840 x 2160 (4K UHD)
Visible Screen Diagonal	Up to 150" / 381 cm

8. WHAT'S IN THE BOX

- AWOL VISION LTV-3000 Pro Ultra Short Throw Projector
- Remote Control (with 2 AA batteries)
- Power Cable
- Fire TV 4K Max Stick (typically included)
- User Manual (this document)

9. WARRANTY AND SUPPORT

AWOL VISION offers a **24-Month Support Promise** for the LTV-3000 Pro projector. Additionally, a **30-Day Price Match** policy is available.

For technical assistance, warranty claims, or general inquiries, please contact AWOL VISION customer support:

Phone: +1 (888) 891-6866

Email: support@awolvision.com



Figure 13: AWOL VISION contact information for support.