AWOL VISION LTV-3500 Pro

AWOL Vision LTV-3500 Pro UST Projector & 132-inch Cinematic Screen Bundle Instruction Manual

MODEL: LTV-3500 PRO

Brand: AWOL VISION

PRODUCT OVERVIEW

The AWOL Vision LTV-3500 Pro is a cutting-edge Ultra Short Throw (UST) projector designed to deliver an exceptional home entertainment experience. This bundle includes a 132-inch Cinematic Ambient Light Rejecting (ALR) Screen, optimized for superior image quality even in well-lit environments. The projector features Triple Color Laser Technology, 4K UHD Resolution, HDR10+, and 3D capability, providing sharp images and vibrant colors.

Key Features

- Integrated center channel speaker with speaker mapping for clear dialogue and immersive audio. Compatible with ThunderBeat 4.2.2 surround sound systems for a 5.2.2 surround sound experience.
- Features PJLink IP Control for integration with home automation systems (e.g., Control 4).
- Supports Dolby Vision HDR for dynamic optimization of color, contrast, and brightness.
- Utilizes Triple Color Laser Technology for 4K UHD Resolution, HDR10+, and 3D capability. Projects up to a 150-inch 4K image.
- Includes Dolby Atmos support for immersive audio.
- Supports Active Shutter 3D for immersive 3D film viewing.
- Designed for high brightness performance, even in daylight conditions, especially when paired with an Ambient Light Rejecting (ALR) screen.
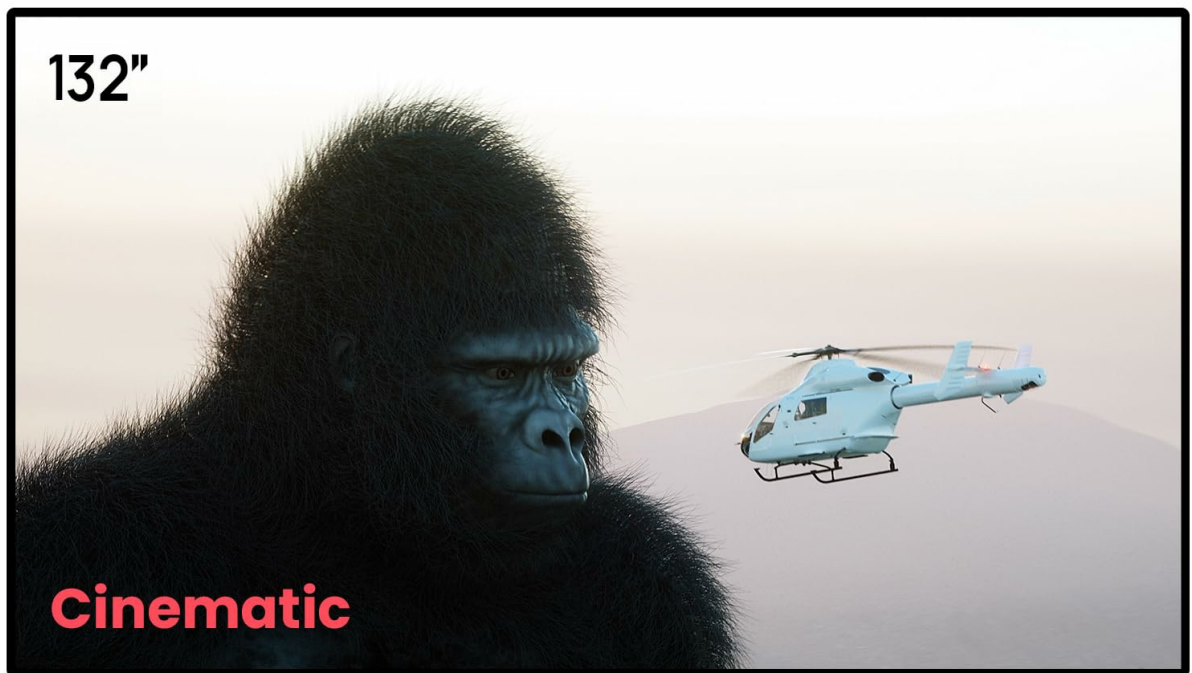
Image: AWOL Vision LTV-3500 Pro Projector showcasing its core features like 3000 ISO Lumens, 4K UHD, Dolby Vision, and 3D capability.

Image: Comparison illustrating the superior clarity and larger lens of the AWOL Vision LTV-3500 Pro compared to other projectors.
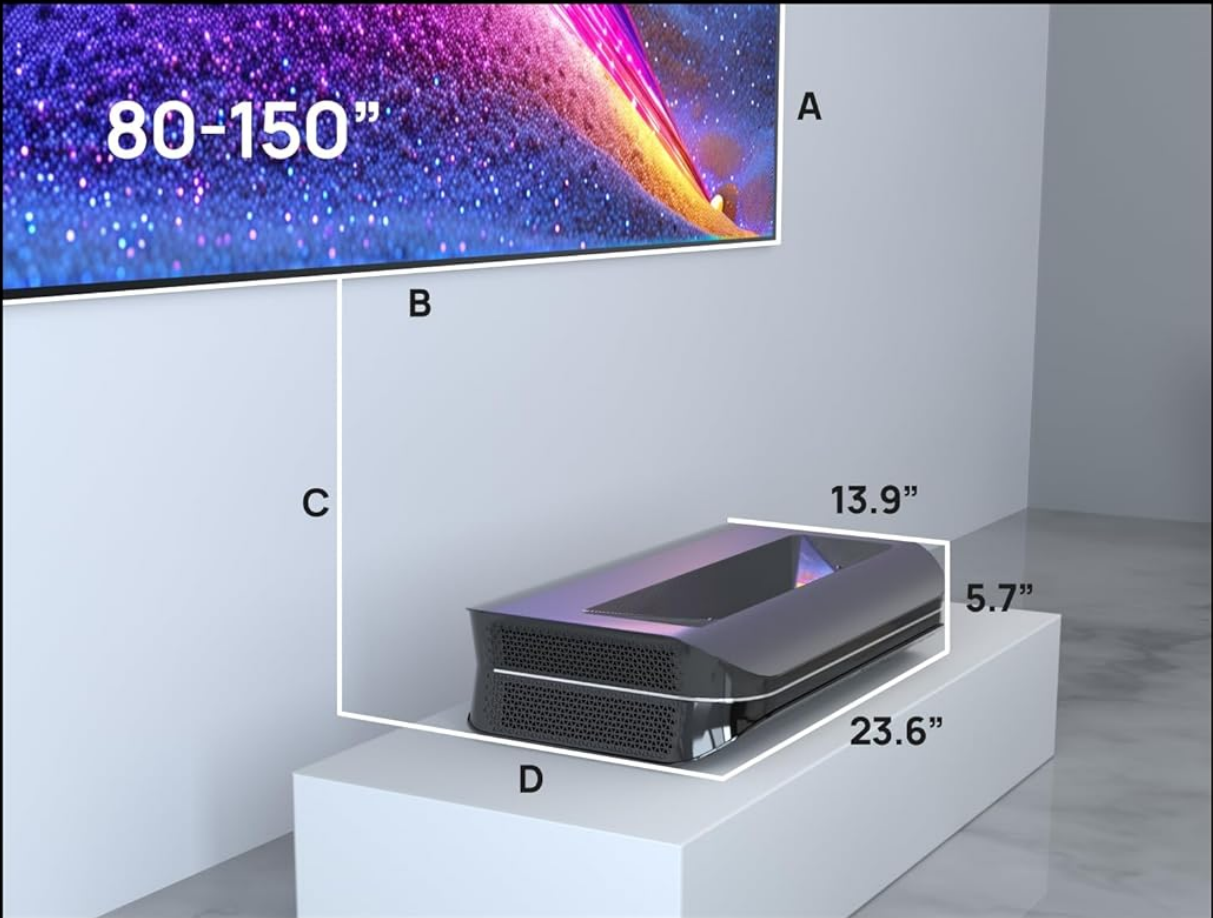
Video: Overview of the AWOL Vision LTV-3500 Pro projector and its features, including image quality and setup.

SETUP AND INSTALLATION

Projector Placement

Proper placement of your LTV-3500 Pro projector is crucial for optimal image quality. Refer to the table below for recommended distances based on your desired screen size.

Ensure the Perfect Fit

80-150"

A

B

C

13.9"

5.7"

23.6"

D

Screen Size	A Screen Height	B Screen Width	C Screen to Bottom	D Screen to Front
80"	39.2"	69.7"	12.9"	19.9"
100"	49"	87.2"	15.1"	23.7"
110"	53.9"	95.8"	15.9"	26.6"
120"	58.8"	104.6"	17"	27.5"
135"	66.1"	117.6"	18.6"	32.1"
150"	73.5"	130.7"	19"	34.1"

projector weight: 21lbs

Image: Detailed diagram showing projector dimensions and recommended distances from the wall for various screen sizes (80" to 150").

Connections

The LTV-3500 Pro offers a variety of connectivity options. The rear panel includes multiple ports for your external devices:

- **HDMI Ports:** Connect your Blu-ray player, gaming console, or other HDMI-enabled devices.

- **USB Ports:** For service or connecting USB devices.

- **LAN Port:** For wired network connection.

- **S/PDIF (Optical Audio) Output:** For connecting to external audio systems.

- **AV IN:** For older audio/video equipment.

A hidden compartment on the back of the projector is designed to house streaming sticks, providing a clean and integrated setup.

Screen Installation

The 132-inch Cinematic ALR Screen is designed for easy assembly and mounting. Always wear the provided gloves to prevent fingerprints and damage to the screen material. Lay the screen material flat on a clean surface, then assemble the inner frame by connecting the metal rods. Carefully insert the fiberglass strips into the borders to maintain tension. Finally, attach the outer frame and mount the complete screen onto your wall using the provided brackets. Ensure the screen is taut and free of wrinkles.

Video: Detailed installation guide for an upgraded matte white screen, demonstrating frame assembly and mounting steps.

Video: Instructions on how to install a Black Series screen, covering frame assembly and screen tensioning.

Why You Need a High Quality ALR Screen?

AWOL VISION Cinematic ALR Screen		Cheap Matte White Screen around $20
80% improved for UST Laser Projector	Image Quality Improvement	No improvement
Light controlled & Dark environment	Using For	Only Dark environment
95% Ceiling Light Rejection	Ambition Light Rejection	No Ambition Light Rejection
Cinematic HBSP（TPU）No Wrinkle	Material	Polyester Full of Wrinkle
Fixed Frame on wall No Waved Edges	Installation	Hooks hung on wall with Waved Edges
High Contrast	Contrast in Ambition Light	Low Contrast
0.6dB Gain for UST Projector	Gain in Ambition Light	X (Image would be washed out)
Y (Prevent Light transmitted from back)	Black backing	X (Light would transmit from back）

Image: Table comparing the image quality, light rejection, material, and installation benefits of an AWOL VISION Cinematic ALR screen against a standard matte white screen.

OPERATION

Picture Settings

The LTV-3500 Pro offers various picture modes and advanced settings to customize your viewing experience. Navigate through the on-screen menu to adjust:

- **HDR Modes:** Select from HDR Standard, HDR Vivid, HDR Sport, HDR Movie, or HDR Game for optimized visuals based on content.

- **Color Temperature:** Adjust to your preference (e.g., Hot, Standard, Cool).

- **White Balance & Color Correction:** Fine-tune colors for accuracy.

- **Dynamic Contrast & Enhanced Black Level:** Improve contrast and black depth.

Sound Settings

Optimize your audio experience with various sound modes and settings:

- **Sound Modes:** Choose from Standard, Music, Movie, Sports, or User for tailored audio.

- **Dolby Atmos & DTS Virtual X:** Enable these features for immersive surround sound.

- **Equalizer Detail:** Adjust bass and treble levels.

- **Output Device:** Select between internal speakers, Bluetooth, HDMI eARC, or S/PDIF for external audio systems.

3D Functionality

Enjoy immersive 3D content by enabling the 3D setting in the menu. Ensure you are using active shutter 3D glasses for the best experience. You can select various 3D formats:

- **3D Mode:** Activate 3D playback.

- **Left/Right Exchange:** Adjust for correct 3D perception.

- **3D Formats:** Select from Frame Packing, Side-by-Side, or Top-and-Bottom depending on your source content.

Gaming Mode

For an enhanced gaming experience, activate Turbo Mode:

- **Turbo Mode:** Reduces input lag to provide a smoother and more responsive gaming experience.

Eye Care Feature

The projector includes an Eye Care feature that automatically dims the laser output if an object or person comes too close to the lens, protecting your eyes and those of your family.

MAINTENANCE

To ensure the longevity and optimal performance of your AWOL Vision LTV-3500 Pro projector and screen, follow these maintenance guidelines:

- **Cleaning the Projector:** Use a soft, dry, lint-free cloth to gently wipe the projector's exterior. Avoid using abrasive cleaners, waxes, or solvents. For the lens, use a specialized lens cleaning cloth and solution.

- **Cleaning the Screen:** Gently wipe the screen surface with a soft, damp cloth. Do not use harsh chemicals or abrasive materials, as this can damage the ALR coating.

- **Ventilation:** Ensure the projector's ventilation openings are not blocked to prevent overheating. Keep the projector in a well-ventilated area.

- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, ideally in its original packaging or a protective cover.

TROUBLESHOOTING

If you encounter any issues with your AWOL Vision LTV-3500 Pro, refer to the common troubleshooting steps below:

- **No Image Displayed:**

    - Check if the projector is powered on and the power cable is securely connected.
    - Verify that the input source (HDMI, AV) is correctly selected on the projector.
    - Ensure any lens covers or protective films are removed from the projector lens.

- **Blurred or Out-of-Focus Image:**

    - Use the electronic focus adjustment feature in the projector's menu to sharpen the image.
    - Ensure the projector is placed at the correct distance from the screen as per the placement guide.

- **Distorted Image (Trapezoid Shape):**

    - Access the 8-point keystone correction in the projector's menu to adjust the image shape.
    - Ensure the projector is placed on a flat, stable surface and is level with the screen.

- **No Sound:**

    - Check the sound output settings in the projector's menu to ensure the correct output device is selected (e.g., internal speakers, HDMI eARC, Optical).
    - Verify that external audio systems are properly connected and powered on.

PRODUCT SPECIFICATIONS

Feature	Specification
Brand Name	AWOL VISION
Item model number	LTV-3500 Pro
Color Name	Black
Special Features	3D-Ready
Recommended Uses For Product	Business, Education, Gaming, Home Cinema
Connectivity Technology	HDMI
Display resolution	3840 x 2160

WARRANTY AND SUPPORT

AWOL VISION is committed to providing excellent customer service and support for your LTV-3500 Pro projector and screen bundle.

- **30-Day Price Protection:** Ensures you get the best value for your purchase.
- **2 Years Product Support:** Comprehensive support for two years from the date of purchase.

- **Contact Support:**
  - **Phone / WhatsApp:** +1 (888) 891-6866
  - **Email:** support@awolvision.com