

[Manuals.plus](#) /

› [Epson](#) /

› Epson Home Cinema LS11000 4K PRO-UHD Laser Projector, HDR, HDR10+, 2,500 Lumens Color & White Brightness, HDMI 2.1, Motorized Lens, Lens Shift, Focus, Zoom, 3840 x 2160, 120 Hz, Home Theater, Gaming

Epson V11HA48020

Epson Home Cinema LS11000 4K PRO-UHD Laser Projector User Manual

Model: V11HA48020 | Brand: Epson

INTRODUCTION

The Epson Home Cinema LS11000 4K PRO-UHD Laser Projector represents the next generation of home cinema projection. This advanced projector utilizes proprietary 4K PRO-UHD technology and an Epson Picture Processor to deliver a full 3,840 x 2,160-pixel image on screen. It is designed to faithfully display movies, TV shows, and gaming sessions with exceptional picture sharpness, brightness, and color accuracy. Ideal for gamers, the LS11000 supports 4K HDR at 120 frames per second with input lag times below 20 milliseconds, providing an immersive gaming experience. This projector transforms virtually any room into a high-quality 4K home theater.



Figure 1: Front view of the Epson Home Cinema LS11000 4K PRO-UHD Laser Projector.

KEY FEATURES

- **4K PRO-UHD Technology:** Advanced pixel-shifting technology works with three individual high-definition LCD chips to produce a 3840 x 2160, 8.29-million-pixel image without sacrificing brightness.
- **Epson Picture Processor:** Powerful video processing handles real-time color, contrast, HDR, frame interpolation, and resolution enhancement for faithful content reproduction.
- **Laser Array Light Source:** True multi-array laser diodes provide optimum light for the 3-chip 3LCD projector engine, ensuring incredible picture brightness, black contrast, and color accuracy.
- **High Brightness:** Delivers 2,500 lumens of color and 2,500 lumens of white brightness, suitable for various theater environments, even with some ambient light.
- **Impressive HDR:** Full 10-bit HDR color processing supports HDR, HDR10+, and HLG content, with 16-steps of control for fine-tuning performance.
- **120 Hz Refresh Rate & Low Input Lag:** Offers smoother motion for supported content and impressive frame interpolation, with input lag times below 20 milliseconds for responsive gaming.
- **Motorized Lens:** Features motorized lens shift, focus, and zoom with multiple memory settings for flexible installation and ease of use when switching aspect ratios.



High Picture Brightness

Impressive 2,500 lumens of color and 2,500 lumens of white brightness¹ for an exceptional picture in virtually any theater environment—even in rooms with some ambient light.

¹ Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. Projected image simulated.

Figure 2: Illustration of the Laser Array Light Source within the projector.



True 3-Chip 3LCD Projector Engine

Advanced 3LCD technology uses three individual LCD chips to continuously display 100% of the RGB color signal for every frame, allowing for outstanding color gamut and excellent brightness.



Figure 3: Illustration of the True 3-Chip 3LCD Projector Engine.

SETUP

Unpacking and Initial Inspection

Carefully remove the projector and all accessories from the packaging. Verify that all components listed in the "What's in the Box" section are present and undamaged. Retain the original packaging for future transport or storage.

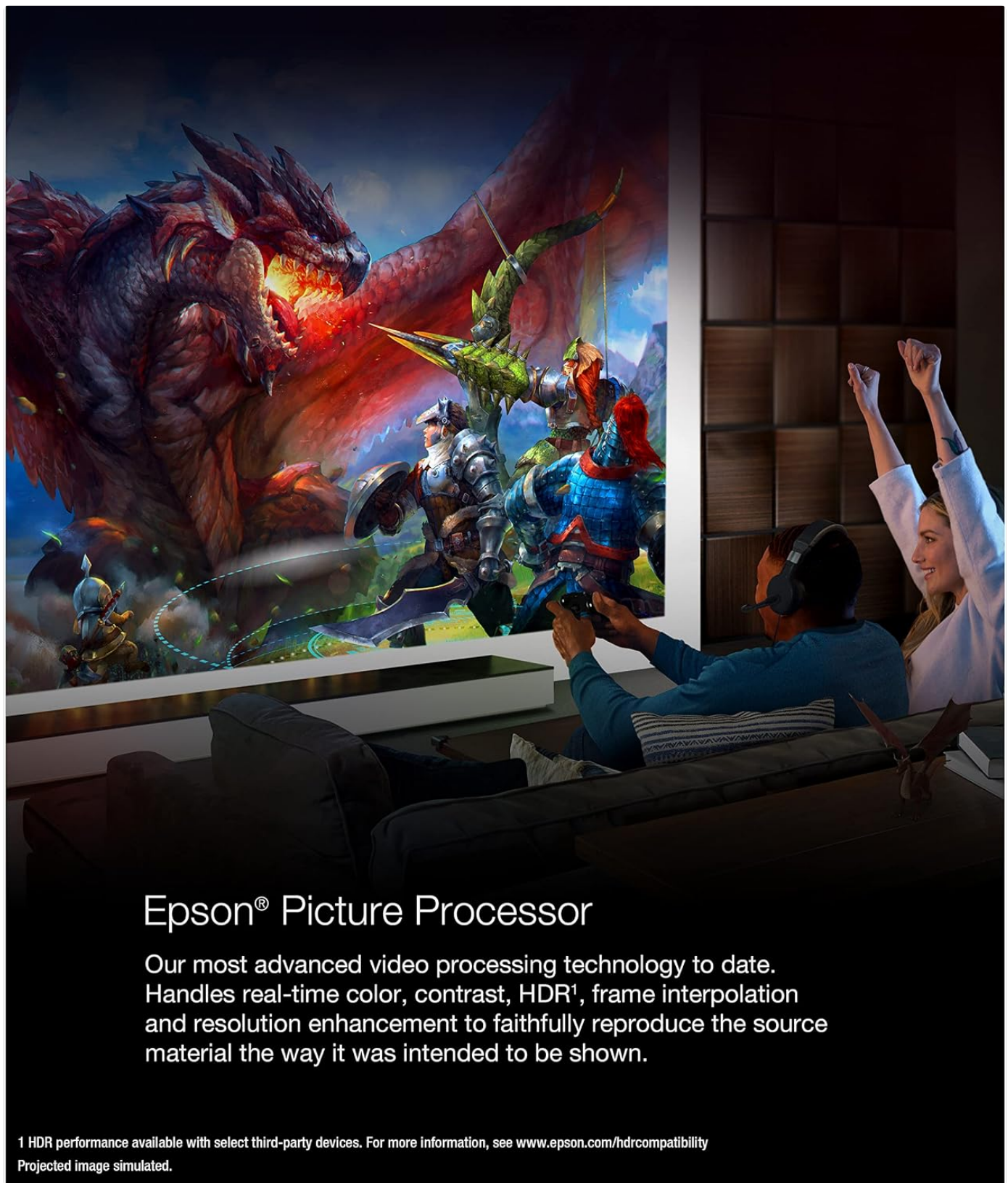
- Projector
- Power cable

- Remote Control
- 2 AA batteries
- Quick setup guide

Placement Considerations

The Epson Home Cinema LS11000 offers flexible placement options due to its motorized lens shift, focus, and zoom capabilities. Consider the following:

- **Projection Distance:** Determine the optimal distance from the screen based on your desired screen size. Refer to the quick setup guide for detailed throw distance calculations.
- **Screen Alignment:** Position the projector as centrally as possible to the screen. The motorized lens shift allows for vertical and horizontal adjustments to align the image without moving the projector itself.
- **Ventilation:** Ensure adequate airflow around the projector to prevent overheating. Do not block the intake or exhaust vents.
- **Power Source:** Connect the projector to a stable power outlet using the provided power cable.



Epson® Picture Processor

Our most advanced video processing technology to date. Handles real-time color, contrast, HDR¹, frame interpolation and resolution enhancement to faithfully reproduce the source material the way it was intended to be shown.

¹ HDR performance available with select third-party devices. For more information, see www.epson.com/hdrcompatibility
Projected image simulated.

Figure 4: Example of projector placement in a living room environment.

Connecting Devices

The projector supports various connectivity options:

- **HDMI:** Connect your video sources (Blu-ray players, gaming consoles, streaming devices) to the HDMI input ports. The projector supports HDMI 2.1 for high-bandwidth content, including 4K at 120Hz.
- **USB:** For firmware updates or service.
- **Ethernet:** For network control and updates.

Projection Perfected.



Home Cinema LS11000
4K PRO-UHD® Laser Projector¹

¹ 4K Resolution Enhancement Technology shifts each pixel to produce an image on screen, up to the stated specification.

Figure 5: Side view of the projector highlighting the input/output ports.

OPERATING INSTRUCTIONS

Powering On/Off

- To power on, press the power button on the projector or remote control. The laser light source allows for quick startup.
- To power off, press the power button again. The projector will enter a cool-down cycle before fully shutting down.

Adjusting Image Settings

Use the remote control or the control panel on the projector to access the menu and adjust settings.

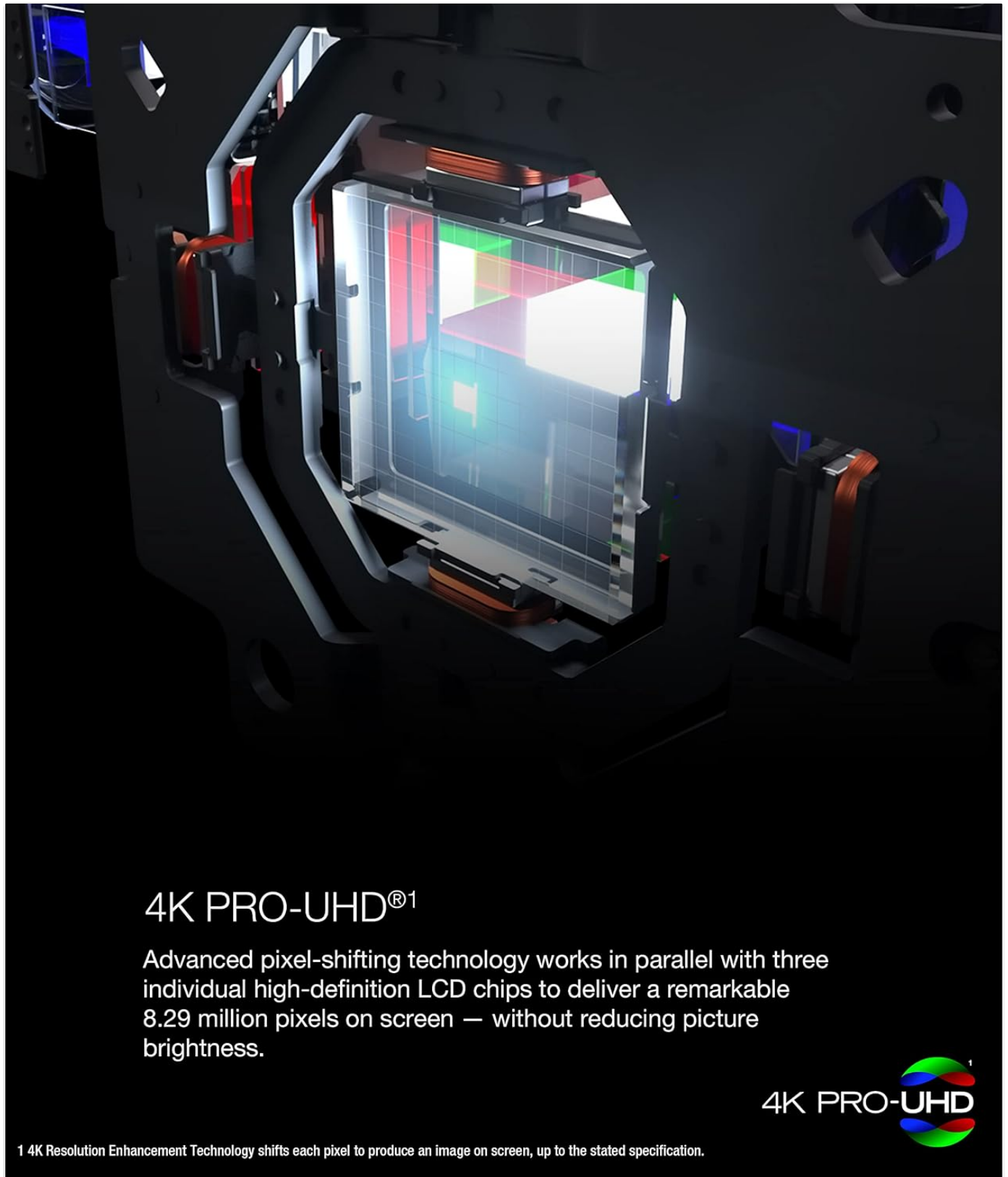


Figure 6: Top control panel and lens adjustment dials.

- **Focus:** Use the motorized focus adjustment to achieve a sharp image.
- **Zoom:** Adjust the motorized zoom to fit the image to your screen size.
- **Lens Shift:** Utilize the motorized lens shift (vertical and horizontal) to precisely position the image on the screen without tilting the projector. This is crucial for maintaining optimal image quality.
- **Picture Modes:** Select from various preset picture modes (e.g., Cinema, Dynamic, Bright Cinema) to optimize image quality for different content types and ambient light conditions.

- **HDR Settings:** Fine-tune HDR performance using the 16-step HDR curve adjustment to suit your preferences and content.

Gaming Mode

For an optimal gaming experience, ensure your console or PC is connected via HDMI 2.1. The projector's low input lag (under 20ms) and 120Hz refresh rate are ideal for fast-paced games.



Impressive HDR¹

Full 10-bit HDR¹ color processing accepts 100% of the HDR source information to faithfully reproduce HDR, HDR10+ and HLG (Hybrid Log Gamma) content for an exceptional visual performance.



¹ HDR performance available with select third-party devices. For more information, see www.epson.com/hdrcompatibility
Projected image simulated.

Figure 7: The projector provides an immersive gaming experience.

Your browser does not support the video tag.

Video 1: Official product video showcasing the Epson LS11000's features, including its 4K PRO-UHD technology, laser light source, high brightness, HDR capabilities, and suitability for gaming with low input lag and motorized lens shift. This video provides a comprehensive

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your projector.

- **Lens Cleaning:** Gently wipe the projector lens with a soft, lint-free cloth specifically designed for optical surfaces. Do not use abrasive cleaners or excessive force.
- **Air Filter Cleaning:** Periodically check and clean the air filter to prevent dust buildup, which can affect cooling and image quality. Refer to the full user guide for filter location and cleaning instructions.
- **Ventilation:** Ensure the projector's vents remain unobstructed to allow for proper heat dissipation.
- **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.

TROUBLESHOOTING

This section addresses common issues you might encounter. For more detailed troubleshooting, consult the full user guide.

Problem	Possible Cause	Solution
No image projected	Power cable disconnected, input source not selected, lens cap on.	Check power connection, select correct input source, remove lens cap.
Image is blurry	Out of focus, incorrect projection distance.	Adjust motorized focus. Verify projection distance is within recommended range.
Image is distorted or not rectangular	Projector not aligned with screen, keystone correction needed.	Use motorized lens shift for fine alignment. Adjust keystone correction if necessary (though lens shift is preferred for quality).
No sound	Volume too low, external audio system not connected/selected.	Increase projector volume. Ensure external audio system is properly connected and selected as output.
Projector overheats or shuts down	Blocked vents, dusty filter, high ambient temperature.	Ensure vents are clear. Clean air filter. Operate in a well-ventilated area.

SPECIFICATIONS

Feature	Detail
Product Dimensions	17.6 x 20.5 x 7.6 inches
Item Weight	28 pounds
ASIN	B09TS2M1ZS
Item model number	V11HA48020
Manufacturer	Epson
Recommended Uses For Product	Gaming
Special Feature	Portable
Connectivity Technology	USB, Ethernet, HDMI

Feature	Detail
Display resolution	3840 x 2160

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Epson website or the comprehensive User Guide (PDF) provided with your product. The User Guide contains in-depth instructions, safety precautions, and contact information for customer service.

You can access the User Guide PDF [here](#).

© 2023 Epson Corporation. All rights reserved.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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