

CASIRIS A6

CASIRIS A6 4K UHD Ultra Short Throw Laser Projector User Manual

Model: A6 (LHT-X2E)

1. INTRODUCTION

Thank you for choosing the CASIRIS A6 4K UHD Ultra Short Throw Laser Projector. This manual provides essential information for the safe and efficient operation of your device. The CASIRIS A6 offers a premium home theater experience with its triple laser technology, 4K UHD resolution, 2200 ANSI lumens brightness, and immersive audio capabilities.

Key features include:

- **Triple Laser Technology:** Delivers a wide color gamut (107% BT.2020) for realistic and vivid images.
- **4K UHD Resolution & HDR10:** Provides incredible detail with 8.3 million pixels, enhancing both bright and dark scenes.
- **2200 ANSI Lumens:** Ensures clear images even in well-lit environments.
- **Ultra Short Throw Ratio (0.25:1):** Projects large images (up to 120 inches) from a very short distance (11.7 inches from the screen).
- **Immersive Audio:** Supports Dolby Atmos and DTS-HD for a captivating sound experience.
- **Integrated Android TV 10.0:** Access a wide range of streaming services and over 5000 applications.
- **Connectivity:** Features Wi-Fi, Bluetooth, HDMI, and USB 2.0.

2. PACKAGE CONTENTS

Please check the box for the following items:

- CASIRIS A6 Projector
- Power Adapter
- HDMI Cable
- TV Dongle (for Android TV functionality)
- Remote Control
- User Manual (this document)

3. SETUP

3.1 Placement

The CASIRIS A6 is an Ultra Short Throw (UST) projector, designed to be placed very close to the projection surface. For a 120-inch image, position the projector approximately 11.7 inches (29.7 cm) from the screen. Refer to the table below for typical projection distances:

Projection Size	Projection Distance
80 inches	6 inches (15 cm)
100 inches	10 inches (25 cm)
120 inches	11.7 inches (29.7 cm)
150 inches	21 inches (53 cm)

Ensure the projector is placed on a stable, level surface. Adjust the four adjustable feet to fine-tune the projector's height and tilt for optimal image alignment.

3.2 Connections

Connect your devices to the projector using the available ports:

- **Power:** Connect the power adapter to the projector and a power outlet.
- **HDMI:** Use the provided HDMI cable to connect external sources like Blu-ray players, gaming consoles, or set-top boxes. One HDMI port supports eARC for enhanced audio return.
- **USB 2.0:** Connect USB storage devices for media playback.
- **Audio Out:** Connect external audio systems if desired.
- **Network:** Connect to your home network via Wi-Fi or an Ethernet cable (if available on the TV dongle).

3.3 Initial Power On and Image Adjustment

1. Press the power button on the projector or remote control to turn on the device.
2. The projector will perform an automatic focus adjustment.
3. If the image is not perfectly rectangular, use the **8-Point Keystone Correction** feature in the settings menu to manually adjust each corner of the image.

Hear there. Anywhere



Image: Multi-Function features of the CASIRIS A6 Projector, highlighting 4K UHD, Auto Focus, Game Mode, 8-Point Keystone Correction, Intelligent Eye Protection, and MEMC.

4. OPERATING INSTRUCTIONS

4.1 Android TV System

The CASIRIS A6 comes with an integrated Android TV 10.0 system via a TV dongle. This allows you to access a vast library of streaming applications such as Netflix, Apple TV+, Disney+, Prime Video, Hulu, HBO Max, and YouTube. Use the remote control to navigate the Android TV interface, browse apps, and select content.

4.2 Media Playback and Streaming

- **Streaming Apps:** Launch your favorite streaming applications directly from the Android TV home screen.
- **Wireless Connectivity:** Stream content from your mobile devices or computers to the projector via Wi-Fi or Bluetooth.
- **USB Playback:** Connect a USB drive to play local media files.
- **HDMI Input:** Switch to an HDMI input to display content from connected external devices.

4.3 Picture and Sound Enhancements

- **4K UHD and HDR10:** Experience cinematic quality with true 4K UHD resolution and HDR10 technology, which enriches details in both bright and dark scenes.
- **MEMC (Motion Estimation, Motion Compensation):** This technology reduces motion blur and image judder, providing smoother motion in fast-paced scenes, ideal for sports and action movies.
- **Game Mode:** Activate Game Mode for reduced input lag, enhancing your gaming experience.
- **Dolby Atmos & DTS-HD:** The projector supports advanced audio technologies to deliver immersive, multi-dimensional sound that fills your room.

4K Cinematic in Every Sense

1080P



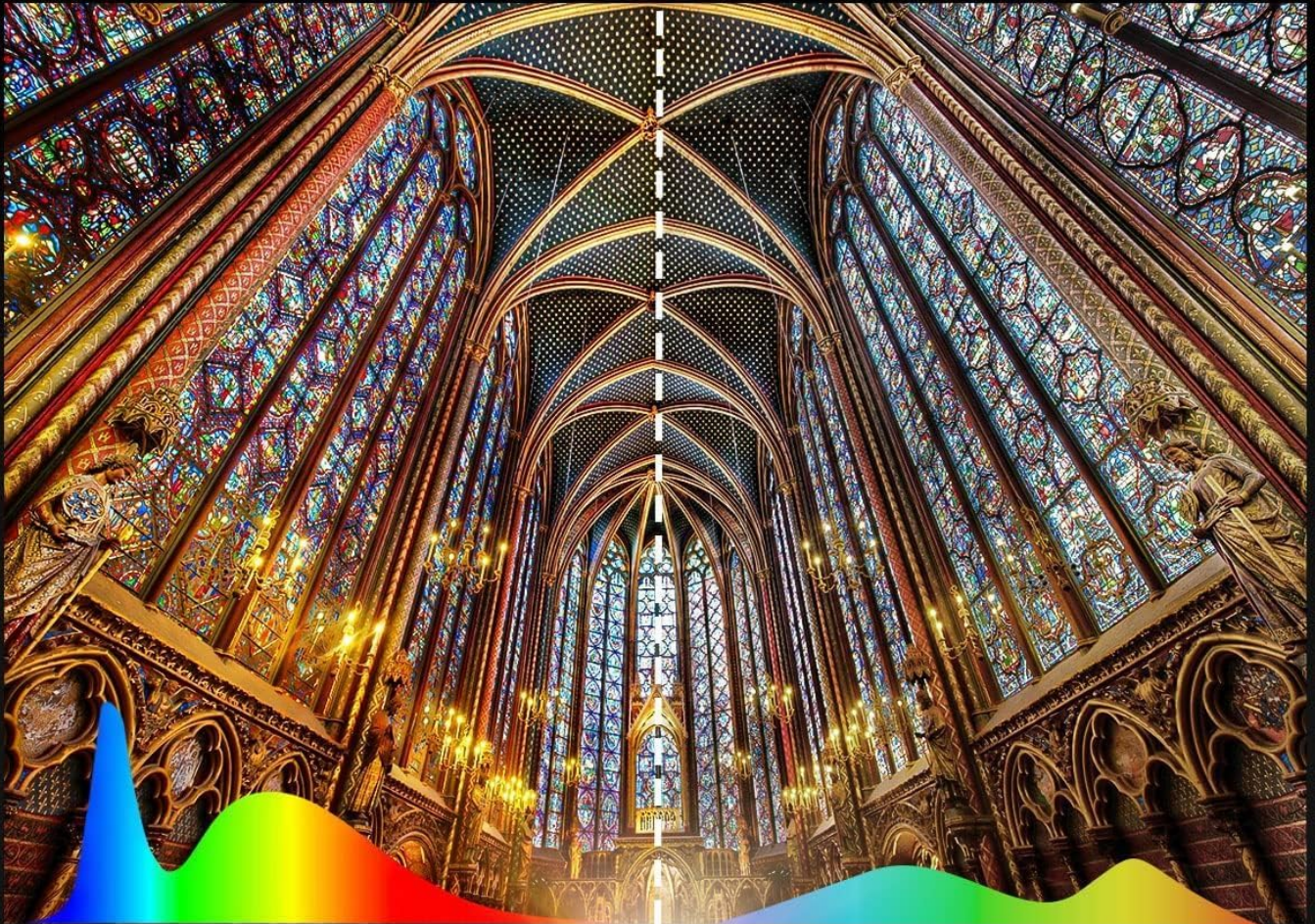
Image: The CASIRIS A6 Projector's Dolby Atmos and DTS-HD audio capabilities, illustrating immersive sound delivery.

The Widest Color Gamut

107% BT.2020

Triple Laser

Single Laser



202% Rec709

149% DCI P3

143% NTSC

Image: The CASIRIS A6 Projector's triple laser technology achieving 107% BT.2020 color gamut, showcasing superior color reproduction.

Multi-Function

4K UHD



Auto Focus



Game Mode



8-Point Keystone Correction



Intelligent Eye Protection



MEMC



Image: Visual comparison highlighting the superior detail of 4K Ultra HD resolution on the CASIRIS A6 Projector compared to 1080P.

Immerse Yourself in 3D



Image: The CASIRIS A6 Projector's ability to display immersive 3D content, as depicted by a fighter jet scene.

4.4 Intelligent Eye Protection

The projector is equipped with an intelligent eye protection sensor. If an object or person comes too close to the projector's light source, the laser will automatically dim or turn off to prevent direct eye exposure. Maintain a safe distance from the projector's light output during operation.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your CASIRIS A6 projector.

- **Cleaning:** Regularly clean the projector's exterior with a soft, dry cloth. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive materials or harsh chemicals.
- **Ventilation:** Ensure the projector's ventilation openings are clear and unobstructed to prevent overheating. Do not place the projector in enclosed spaces without adequate airflow.
- **Light Source:** The laser light source has an operating life of approximately 30,000 hours, providing years of maintenance-free use under normal conditions.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry, dust-free environment.

6. TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common solutions:

- **No Power:** Ensure the power cable is securely connected to both the projector and a working power outlet. Check the power adapter for any damage.
- **No Image/Signal:** Verify that the input source (e.g., HDMI, USB) is correctly selected in the projector's menu. Check all cable connections. Ensure the external device is powered on and outputting a signal.
- **Blurry Image:** The projector features auto-focus. If the image remains blurry, manually adjust focus through the settings menu. Ensure the projection surface is flat and the projector is stable.
- **Image Distorted/Not Rectangular:** Use the 8-Point Keystone Correction feature in the settings to adjust the image geometry.
- **No Sound:** Check the volume settings on both the projector and the connected source device. If using external speakers, ensure they are properly connected and powered. Verify that the correct audio output is selected in the projector's settings.
- **Remote Control Not Working:** Check the batteries in the remote control. Ensure there are no obstructions between the remote and the projector's IR receiver.
- **Overheating Warning:** Ensure the projector's ventilation openings are not blocked. Turn off the projector and allow it to cool down in a well-ventilated area.

7. SPECIFICATIONS

Feature	Specification
Brand	CASIRIS
Model Name	A6
Model Number	LHT-X2E
Display Resolution	3840 x 2160 (4K UHD)
Brightness	2200 ANSI Lumens
Display Type	Laser
Throw Ratio	0.25:1 (Ultra Short Throw)

Feature	Specification
Minimum Throw Distance	0.15 Meters (approx. 6 inches)
Maximum Throw Distance	0.54 Meters (approx. 21 inches)
Light Source Life	30,000 Hours
Connectivity Technology	Bluetooth, Wi-Fi
Hardware Interface	USB 2.0, HDMI (eARC support)
Control Type	Remote Control, App Control
Recommended Use	Home Cinema
Form Factor	Portable (Desktop Mount)

8. WARRANTY AND SUPPORT

The CASIRIS A6 Projector comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including the warranty period and coverage details.

For technical support, troubleshooting assistance, or warranty claims, please contact CASIRIS customer service through the contact information provided on the official CASIRIS website or your purchase platform. When contacting support, please have your model number (A6) and purchase details readily available.

© 2024 CASIRIS. 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