

ELEPHAS AC401

ELEPHAS AC401 Smart 4K Projector User Manual

Model: AC401 | Brand: ELEPHAS

1. INTRODUCTION AND OVERVIEW

The ELEPHAS AC401 Smart 4K Projector offers a versatile home theater experience with advanced features. This projector supports 4K decoding and delivers 2500 ANSI lumens for vivid and clear images. It integrates a smart streaming system compatible with popular apps like Netflix, Prime Video, and YouTube. Designed for flexibility, it features a 270° rotatable stand, AI auto-focus, auto keystone correction, auto obstacle avoidance, and auto screen alignment. Connectivity options include dual-band WiFi 6, Bluetooth 5.4, HDMI, and USB, ensuring seamless integration with various devices.



Image 1.1: The ELEPHAS AC401 projector highlighting its 270° rotatable design and smart features.

2. WHAT'S IN THE BOX

Upon unboxing your ELEPHAS AC401 projector, you will find the following components:

- ELEPHAS AC401 Smart 4K Projector
- Remote Control (requires 2 AAA batteries, not included)
- Power Cable
- HDMI Cable
- User Manual
- Quick Start Guide
- Cleaning Kit

Your browser does not support the video tag.

Video 2.1: Unboxing the ELEPHAS AC401 projector, showing the main unit and included accessories like the remote, cables, and manuals.

3. PRODUCT FEATURES

- **All-in-One Smart Streaming Entertainment:** Enjoy a fully integrated smart system with direct access to popular streaming apps like Netflix, Prime Video, and YouTube. This provides seamless entertainment without requiring additional devices. The system offers smooth performance, regular updates, and a secure environment for long-term use, transforming any room into a home theater.
- **4-in-1 TOF Smart Auto Calibration:** Equipped with advanced TOF laser technology, the projector features auto-focus, auto keystone correction, auto obstacle avoidance, and auto screen alignment. This ensures a perfectly clear, rectangular image in seconds, even on uneven surfaces, eliminating the need for manual adjustments.
- **270° Rotatable & Ultra-Flexible Setup:** The projector's design includes a 270° adjustable projection angle, allowing easy projection onto walls, ceilings, or any flat surface. Its compact and portable nature makes it ideal for various settings, including bedrooms, living rooms, outdoor movies, and camping trips.
- **2500 ANSI Lumens & HDR10+ Visual Experience:** With 2500 ANSI high brightness, the projector delivers vivid and clear images even in ambient light. HDR10+ technology enhances contrast, colors, and details for a cinema-quality viewing experience. It supports 4K decoding for sharper and more immersive visuals.
- **Ultra-Fast Dual-Band WiFi 6, Bluetooth 5.4 & Immersive Gaming Experience:** The projector is equipped with dual-band WiFi 6 for ultra-fast, stable streaming and Bluetooth 5.4 for seamless connection with external speakers and headphones. It supports AirPlay, Miracast, and DLNA for easy screen casting, making it perfect for console and mobile gaming with a large-screen, lag-free experience.



Image 3.1: Key features of the ELEPHAS AC401, including 4K support, AI auto-focus, and 270° rotatable design.

4. SETUP INSTRUCTIONS

1. **Power On:** Connect the power cable to the projector and a power outlet. Press the power button located on the base of the unit.
2. **Initial Language Selection:** Upon first startup, the projector will display a language selection screen. Use the remote control to select your preferred language (e.g., English (United States)).

3. **Remote Pairing:** If the remote is not automatically paired, follow the on-screen instructions. Typically, this involves holding specific buttons on the remote simultaneously until a light flashes, indicating pairing mode.
4. **Image Tuning (Auto Focus & Keystone):** The projector features 4-in-1 TOF Smart Auto Calibration. It will automatically adjust focus, keystone correction, obstacle avoidance, and screen alignment. You can access these settings under 'Further image tuning' in the menu to initiate or fine-tune.
5. **Network Connection:** Navigate to the settings menu to connect to your dual-band WiFi 6 network for internet access and streaming capabilities.

Your browser does not support the video tag.

Video 4.1: A demonstration of the initial setup process, including language selection and automatic image tuning features like auto-focus and keystone correction.

5. OPERATING INSTRUCTIONS

5.1 Navigating the Smart OS

The ELEPHAS AC401 runs on a Smart OS, providing a user-friendly interface. Use the remote control's directional pad and 'OK' button to navigate through menus and select options. Dedicated quick-access buttons for Netflix, YouTube, and Prime Video are available on the remote for convenience.

5.2 Accessing Streaming Apps

From the home screen, you can directly select pre-installed streaming applications. The 'All Apps' folder provides access to a wider range of applications available for download or pre-loaded on the system.

Smart Streaming Experience

Netflix, Prime Video and YouTube supported Direct access for a refined viewing experience

NETFLIX

YouTube

prime video

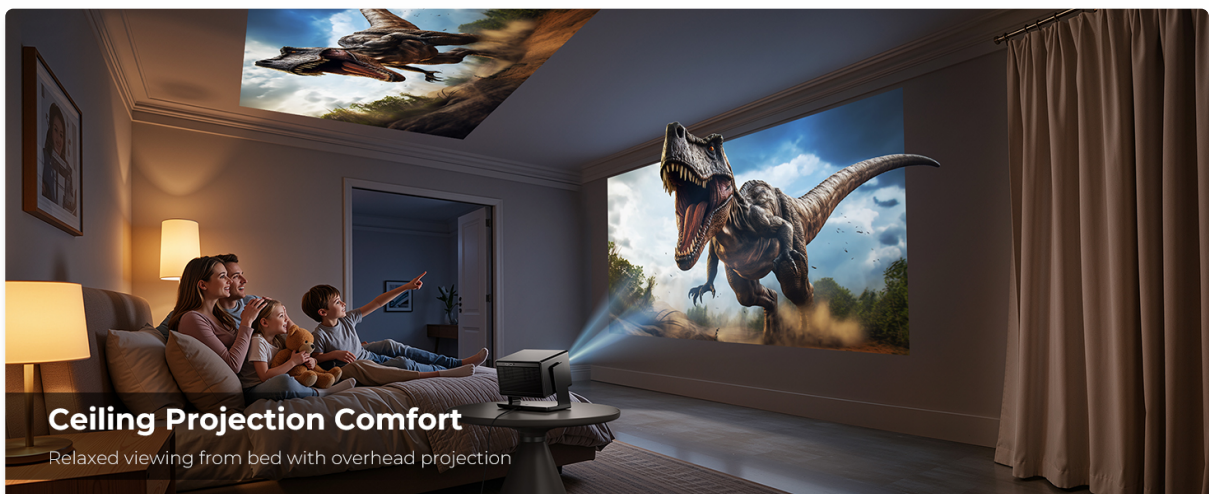
Netflix streaming membership required.



Image 5.1: The projector's smart streaming interface, showing direct access to popular apps.

5.3 Adjusting Projection Angle

The projector's 270° rotatable stand allows for flexible projection. Simply adjust the main unit within its stand to project onto a wall, ceiling, or any desired surface. The AI auto-calibration features will automatically correct the image geometry.



Ceiling Projection Comfort

Relaxed viewing from bed with overhead projection

Image 5.2: Example of ceiling projection for relaxed viewing.

6. CONNECTIVITY

The ELEPHAS AC401 offers a comprehensive range of connectivity options:

- **Dual-Band WiFi 6:** For ultra-fast and stable wireless streaming and screen mirroring.
- **Bluetooth 5.4:** For seamless connection with external speakers, headphones, or using the projector as a Bluetooth speaker for your phone.
- **HDMI Input:** Connect external devices such as laptops, gaming consoles, TV boxes, or DVD players.
- **USB Port:** Play media directly from a USB stick.
- **AUX (3.5mm) Output:** Connect wired headphones or external audio systems.
- **Wireless Casting:** Supports AirPlay, Miracast, and DLNA for easy screen casting from smartphones and tablets.



Image 6.1: Overview of multi-device compatibility and connectivity ports.

7. IMAGE AND AUDIO QUALITY

The ELEPHAS AC401 is engineered to deliver a high-quality audiovisual experience:

- **Brightness:** 2500 ANSI Lumens ensure bright and clear images, even in environments with some ambient light.
- **Resolution:** Native 1080P resolution with support for 4K decoding provides sharp and detailed visuals.
- **Color & Contrast:** HDR10+ enhances contrast, color accuracy, and detail, contributing to a cinematic viewing experience.
- **Audio:** Built-in Dolby Audio with dual 10W speakers delivers rich, room-filling sound. The bi-directional Bluetooth allows for flexible audio setups.

Immersive Dolby Audio

Dual 10W speakers deliver richer sound detail



Image 7.1: The projector's internal speaker system with Dolby Audio and dual 10W speakers.

8. AI FEATURES

The ELEPHAS AC401 incorporates several AI-powered features to simplify setup and optimize the viewing experience:

- **TOF Auto Focus:** Automatically adjusts the image focus for a crystal-clear picture in milliseconds.
- **Auto Keystone Correction:** Automatically corrects the trapezoidal distortion of the image, ensuring a perfectly rectangular display even when the projector is not perfectly aligned with the screen.
- **Auto Obstacle Avoidance:** Detects and adjusts the projection to avoid obstacles in the projection path.
- **Auto Screen Alignment:** Intelligently aligns the projected image with the edges of your screen or wall.

AI intelligent algorithm

Crystal-clear image in just milliseconds



Image 8.1: Visual representation of the AI intelligent algorithm for auto-focus and keystone correction.

9. SPECIFICATIONS

Feature	Description
Brand	ELEPHAS
Model Number	AC401
Display Resolution Maximum	1920 x 1080 (Native 1080P, 4K Support)
Brightness	2500 ANSI Lumens

Special Features	270° Rotatable, AI Auto Focus, Auto Keystone, Auto Screen Alignment, Auto Obstacle Avoidance, HDR10+, Dual-Band WiFi 6, Bluetooth 5.4, AirPlay/Miracast/DLNA, Smart Streaming System
Audio	Built-in Dolby Audio, Dual 10W Speakers
Color	Black

10. TROUBLESHOOTING

If you encounter any issues with your ELEPHAS AC401 projector, please refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the projector and a working power outlet. Try a different outlet.
- **No Image:** Check that the lens cap is removed. Verify the input source is correctly selected if using an external device (HDMI, USB).
- **Blurry Image:** Allow the auto-focus feature to complete. If still blurry, manually adjust focus via the settings menu. Ensure the projection surface is flat.
- **Distorted Image:** Allow auto keystone correction to complete. If needed, perform manual keystone correction in the settings.
- **No Sound:** Check the volume level on both the projector and any connected external audio devices. Ensure Bluetooth speakers are correctly paired.
- **Wi-Fi/Bluetooth Connectivity Issues:** Ensure the projector is within range of your router/Bluetooth device. Restart both the projector and your network equipment.

For more detailed troubleshooting, consult the full User Manual included with your product.

11. MAINTENANCE

To ensure the longevity and optimal performance of your ELEPHAS AC401 projector, follow these maintenance guidelines:

- **Cleaning the Lens:** Use the provided cleaning kit or a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens to remove dust or smudges. Avoid abrasive materials.
- **Cleaning the Exterior:** Wipe the projector's exterior with a soft, dry cloth. Do not use liquid cleaners or solvents.
- **Ventilation:** Ensure the projector's ventilation ports are clear and unobstructed to prevent overheating. Do not place the projector on soft surfaces that may block airflow.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Use the lens cap to protect the lens from dust and scratches.

12. WARRANTY AND SUPPORT

The ELEPHAS AC401 Smart 4K Projector comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures your product is free from material and workmanship faults under normal use.

For warranty claims, technical support, or any inquiries, please contact ELEPHAS customer service through the contact information provided in your product packaging or on the official ELEPHAS website. Please have your model number (AC401) and proof of purchase ready when contacting support.