

CAIWEI A10

CAIWEI Smart 4K Projector A10 User Manual

Model: A10

INTRODUCTION

Welcome to your CAIWEI Smart 4K Projector A10. This manual provides detailed instructions for setting up, operating, and maintaining your projector to ensure optimal performance and longevity. Please read this manual thoroughly before using the product and retain it for future reference.

WHAT'S IN THE BOX

- Smart 4K Projector A10
- Power Cord
- HDMI Cable
- Remote Control
- User Manual

PRODUCT FEATURES

1800 ANSI High Brightness for Daytime Use

The projector features up to 2000 ANSI lumens, providing enhanced brightness for clear images even in well-lit environments. This allows for viewing content during the day without significant loss of picture quality.

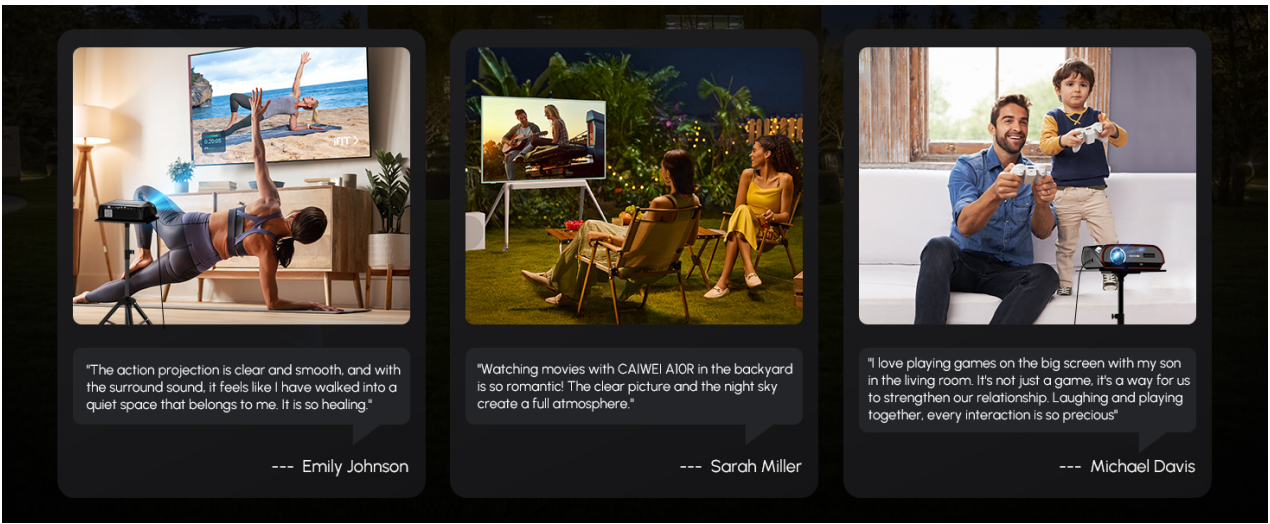


Image: Projector displaying a bright image in a lit room, demonstrating 1800 ANSI brightness.

Video: Demonstration of the projector's brightness and clarity in a daytime setting.

4K Decoding and HDR10+ Support

Supports 4K Ultra HD decoding and HDR10+ for improved contrast and dynamic image quality. The 7-layer high-transmittance all-glass lens enhances light transmission and ensures full-screen clarity without edge blur or chromatic aberration.



Image: Visual comparison illustrating enhanced detail and contrast with HDR10+ enabled.

Newest NFC Function

The NFC function allows you to mirror the screen and use your phone as a remote control

((NFC))



Image: Diagram illustrating the benefits of a 7-layer high-transparency lens for clearer visuals.

Android 11.0 with Built-in Apps and 32GB Storage

The projector operates on Android 11.0, featuring pre-installed streaming applications such as Netflix, YouTube, and Prime Video. With 32GB of internal storage, additional applications can be installed smoothly.

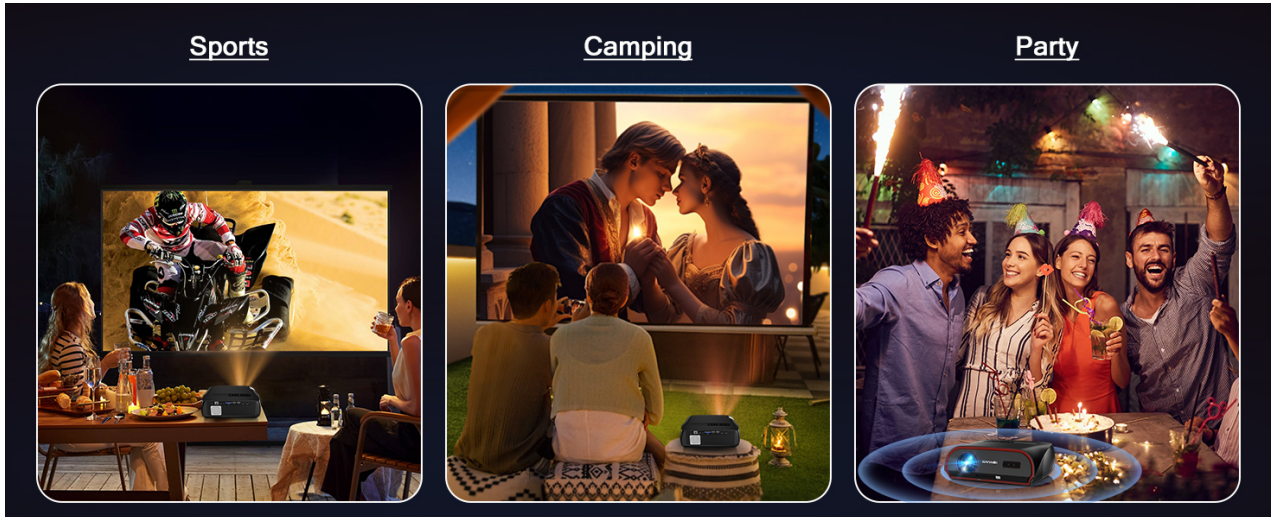


Image: Projector screen displaying a selection of pre-installed streaming applications.

38W Powerful Speakers with 360° Surround Sound

Equipped with dual 38W high-power speakers, delivering robust audio output. The 360° surround sound algorithms are designed to fill spaces of 20–40 square meters. Supports two-way Bluetooth 5.2 for connecting external speakers or using the projector as a standalone Bluetooth speaker.

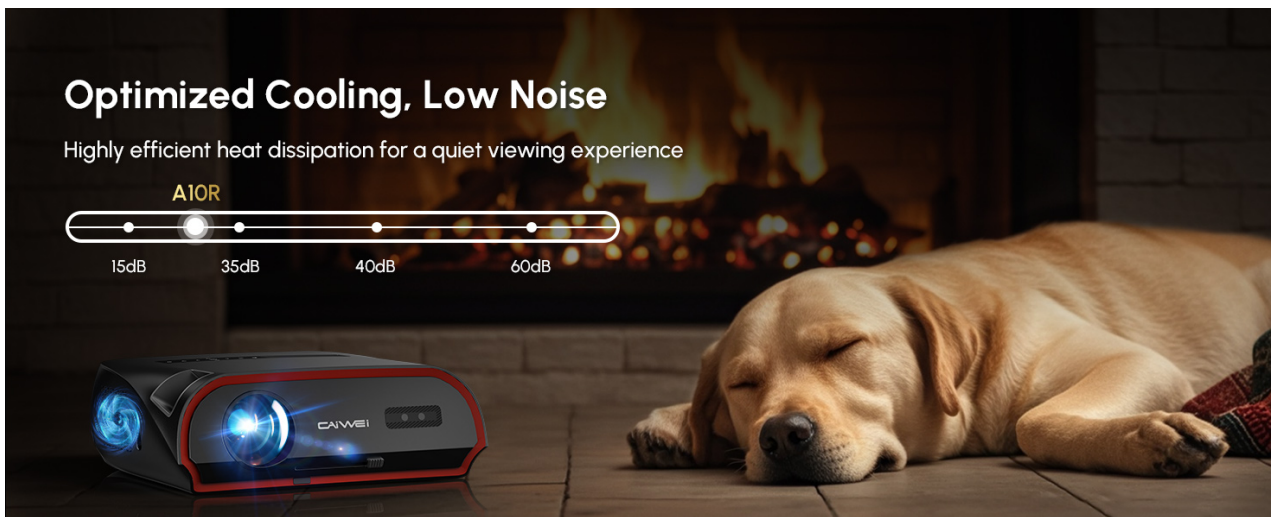


Image: Illustration depicting sound distribution from the projector's 38W speakers in a room.

WiFi 6 and NFC Casting

Features next-gen WiFi 6 for faster speeds and lower latency in streaming and gaming. NFC one-tap screen mirroring allows for instant casting from compatible devices. Multiple connectivity options include HDMI 2.1,

USB, AV, VGA, and LAN ports.

100,000 Hours Lifespan

Low energy consumption, sustainable entertainment



100,000 Hours

↓50% Power Consumption

10+ Years

10,000+ Movies

Image: Graphics highlighting the advantages of WiFi 6 for high-definition content and stable projection.

Super Brightness

The CAIWEI A10R projector displays vibrant and bright colors with 1800 ANSI Lumens in ambient light.



1800 ANSI Lumens

Image: Visual guide demonstrating the NFC function for quick screen mirroring.

Fast Focus and Auto Keystone Correction

Features fast focus and automatic vertical and horizontal keystone correction for quick setup. Supports a projection size up to 350 inches and 100%–50% zoom without repositioning the projector.

Sealed Optical Dust-proof Engine

Low energy consumption, sustainable entertainment



Our Sealed Optics

Other Optics

1 Year Later

Image: Visual representation of auto keystone correction and zoom functions.

Video: Demonstration of the projector's ability to create a large, 350-inch display for movie nights.

Fully Sealed Optical Engine and Low Noise

The fully sealed optical engine prevents dust intrusion, extending the lifespan up to 100,000 hours. An optimized cooling system maintains noise levels at approximately 30dB for a quiet viewing experience.



Image: Visual comparison demonstrating the effectiveness of the sealed optical engine in preventing dust.



Image: Scene depicting the projector operating quietly, suitable for an undisturbed viewing experience.

Connectivity Ports

The projector includes various ports for connecting external devices, such as HDMI, USB, AV, VGA, and LAN, ensuring compatibility with gaming consoles, laptops, smartphones, and other media players.



Image: Close-up of the projector's input/output ports, including HDMI, USB, LAN, and AV.

SETUP GUIDE

1. Unpacking

Carefully remove all components from the packaging. Verify that all items listed in the 'What's in the Box' section are present and undamaged.

2. Placement

Place the projector on a stable, flat surface or mount it using compatible ceiling, tabletop, tripod, or wall mounts. Ensure adequate ventilation around the projector. Position the projector at a suitable distance from the screen to achieve the desired image size (minimum 5.12 feet for 50 inches, maximum 35.89 feet for 350 inches).

3. Power Connection

Connect the power cord to the projector's power input and then to a power outlet (110 Volts). Press the power button on the projector or remote control to turn it on.

4. Connecting Devices

Use the appropriate cables (HDMI, USB, AV, LAN) to connect your desired input devices such as gaming consoles (PS5, Switch), laptops, TV boxes, or PCs to the projector's ports.

OPERATING INSTRUCTIONS

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 seconds for the projector to initialize.

2. Initial Setup (Language, Network)

Upon first use, follow the on-screen prompts to select your preferred language and connect to a Wi-Fi network (WiFi 6 supported for optimal performance). This enables access to online streaming services and updates.

3. Focus and Keystone Correction

The projector features fast auto-focus and auto-keystone correction (vertical & horizontal) to adjust the image shape and clarity automatically. Manual adjustments can also be made via the settings menu if needed.

4. Input Source Selection

Use the 'Source' button on the remote control to switch between different input sources (HDMI 1, HDMI 2, USB 1, USB 2, AV, LAN).

5. Smart Features (Android TV, Apps, Casting)

Navigate the Android 11.0 interface using the remote control. Access pre-installed apps like Netflix, YouTube, and Prime Video. Use NFC one-tap screen mirroring by touching your NFC-enabled phone to the designated area on the projector for instant casting.

6. Audio Settings (Bluetooth)

Adjust volume using the remote. To connect external Bluetooth speakers, go to the Bluetooth settings menu. The projector can also function as a standalone Bluetooth speaker, allowing you to stream audio from your smartphone to its internal speakers.

MAINTENANCE

1. Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Avoid using abrasive cleaners or excessive force, which can scratch the lens surface.

2. Ventilation

Ensure that the projector's ventilation openings are clear and unobstructed to prevent overheating. Do not place the projector on soft surfaces that may block airflow.

3. Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and excessive dust. Consider covering it with a dust cover.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image projected	Power not connected, incorrect input source, lens cap on	Check power connection, select correct input, remove lens cap
Image is blurry	Out of focus, incorrect projection distance	Adjust focus manually or use auto-focus, reposition projector

Problem	Possible Cause	Solution
Image is distorted (trapezoid)	Projector not perpendicular to screen	Use auto-keystone correction or adjust manually in settings
No sound	Volume too low, incorrect audio output, external speakers not connected	Increase volume, check audio settings, ensure Bluetooth speakers are paired
Cannot connect to Wi-Fi	Incorrect password, out of range, network issue	Verify password, move closer to router, restart router

TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	CAIWEI
Model Name	A10
Brightness	1800 ANSI Lumens
Native Resolution	1920 x 1080 (Supports 4K Decoding)
Display Resolution Maximum	3840 x 2160 Pixels
Contrast Ratio	16000:1
Operating System	Android 11.0
Internal Storage	32GB
Connectivity Technology	WiFi 6, Bluetooth 5.2 (Bidirectional), HDMI 2.1, USB, AV, VGA, LAN, 3.5mm Jack
Speakers	38W Dual Speakers (360° Surround Sound)
Projection Size	50 - 350 Inches
Throw Distance	5.12 - 35.89 Feet
Keystone Correction	Auto Vertical & Horizontal ($\pm 50^\circ$)
Zoom Function	100%-50%
Lamp Lifespan	Up to 100,000 Hours
Noise Level	~30dB
Power Consumption	180 Watts
Voltage	110 Volts

WARRANTY AND SUPPORT

The CAIWEI Smart 4K Projector A10 comes with a 1-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

For technical assistance, troubleshooting, or warranty inquiries, please contact CAIWEI customer support. Refer to the contact information provided with your product packaging or visit the official CAIWEI website for support details.

Additional protection plans may be available for purchase to extend coverage beyond the standard warranty period.