COOAU A4300

COOAU A4300 Home Video Projector User Manual

Model: A4300 | Brand: COOAU

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your COOAU A4300 Home Video Projector. Designed for an immersive viewing experience, this projector supports 1080P resolution and a screen size of up to 200 inches, featuring Hi-Fi speakers for enhanced audio. It is compatible with a wide range of devices including TV sticks, phones, laptops, DVD players, and PS4 consoles.
Please read this manual thoroughly before using the product and retain it for future reference.

2. IMPORTANT SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, observe the following precautions:

- Do not block ventilation openings. Ensure adequate space around the projector for proper airflow.

- Do not look directly into the projector lens when the lamp is on, as the bright light can cause eye damage.

- Do not place the projector on an unstable cart, stand, tripod, bracket, or table. The projector may fall, causing serious injury and damage.

- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the projector.

- Unplug this projector during lightning storms or when unused for long periods of time.

- Refer all servicing to qualified service personnel. Servicing is required when the projector has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the projector, the projector has been exposed to rain or moisture, does not operate normally, or has been dropped.

3. WHAT'S IN THE BOX

Verify that all items listed below are included in your package:

- COOAU A4300 Projector

- Instruction Manual

- Remote Control

- Cleaning Cloth

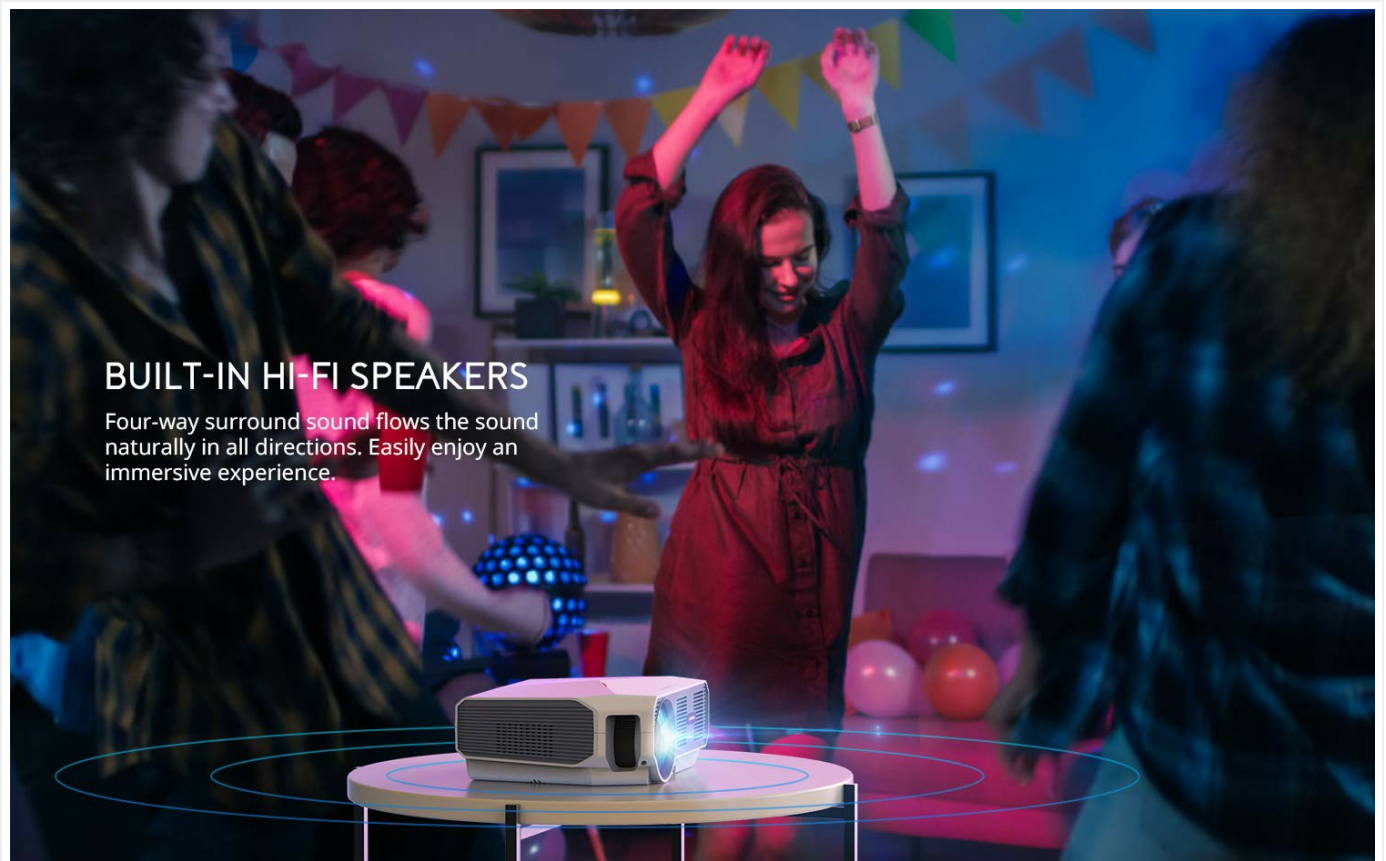- 3-in-1 AV Cable

- HDMI Cable

- Power Cord

Image: The COOAU A4300 projector shown with its included remote control, illustrating the main unit and a key accessory.

4. PRODUCT OVERVIEW

4.1. Projector Components

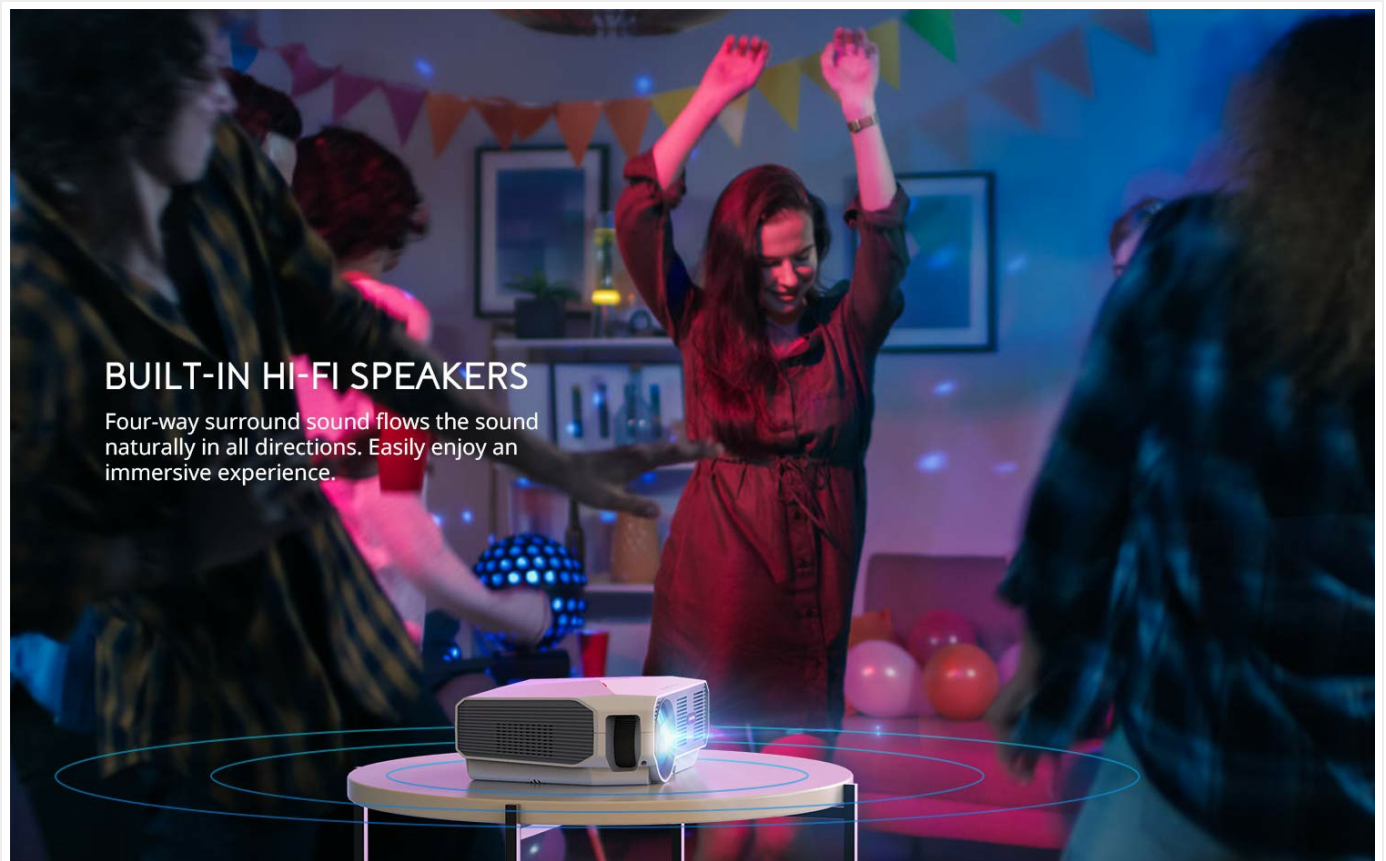Familiarize yourself with the main components of your COOAU A4300 projector.

Image: A detailed view of the rear panel of the COOAU A4300 projector, highlighting the various input and output ports for connectivity.

4.2. Interface Ports

The COOAU A4300 projector is equipped with a variety of ports to ensure broad compatibility with your devices:

- **AC Input:** For power connection.

- **USB Ports (x2):** For connecting USB drives or other USB devices.

- **VGA Port:** For connecting to computers or laptops.

- **AV Input:** For connecting older devices using the included 3-in-1 AV cable.

- **HDMI Port:** For high-definition audio and video input from various sources.

- **3.5mm Audio Jack:** For connecting external speakers or headphones.

Image: An overhead view of the COOAU A4300 projector, clearly labeling its extensive range of connectivity ports including AV, Audio, HD (HDMI), USB, and VGA, demonstrating its versatility.

5. SETUP GUIDE

5.1. Placement

Place the projector on a stable, flat surface. Ensure there is sufficient space around the projector for ventilation. The optimal projection distance for a 45-200 inch screen is between 4.6ft and 18.7ft.

Image: A visual comparison demonstrating the larger display size achievable with the COOAU A4300 projector compared to other models at the same projection distance, highlighting its brilliant viewing capability.

5.2. Power Connection

1. Connect the power cord to the AC input port on the projector.

2. Plug the other end of the power cord into a power outlet.

3. Press the power button on the projector or remote control to turn it on.

5.3. Connecting Devices

Connect your desired input device (e.g., TV stick, laptop, game console) to the appropriate port (HDMI, VGA, AV, USB) on the projector.

5.4. Focus and Keystone Correction

Adjust the focus ring on the projector lens until the image is clear. Use the keystone correction slider (±15°) located behind the projector to correct any trapezoidal distortion of the image, ensuring a perfectly rectangular display.

Image: A visual guide illustrating the focus adjustment ring on the lens and the keystone correction slider on the side of the COOAU A4300 projector, with a split screen showing unfocused and focused images for clarity.

6. OPERATING INSTRUCTIONS

6.1. Source Selection

After connecting your device, use the "Source" button on the remote control or projector to select the correct input source (HDMI, VGA, AV, USB).

6.2. Image Quality

The COOAU A4300 features 4600 lumens brightness and a 4000:1 contrast ratio, providing a vivid and clear image. It supports a maximum resolution of 1920x1080P with a native resolution of 1280x720P.
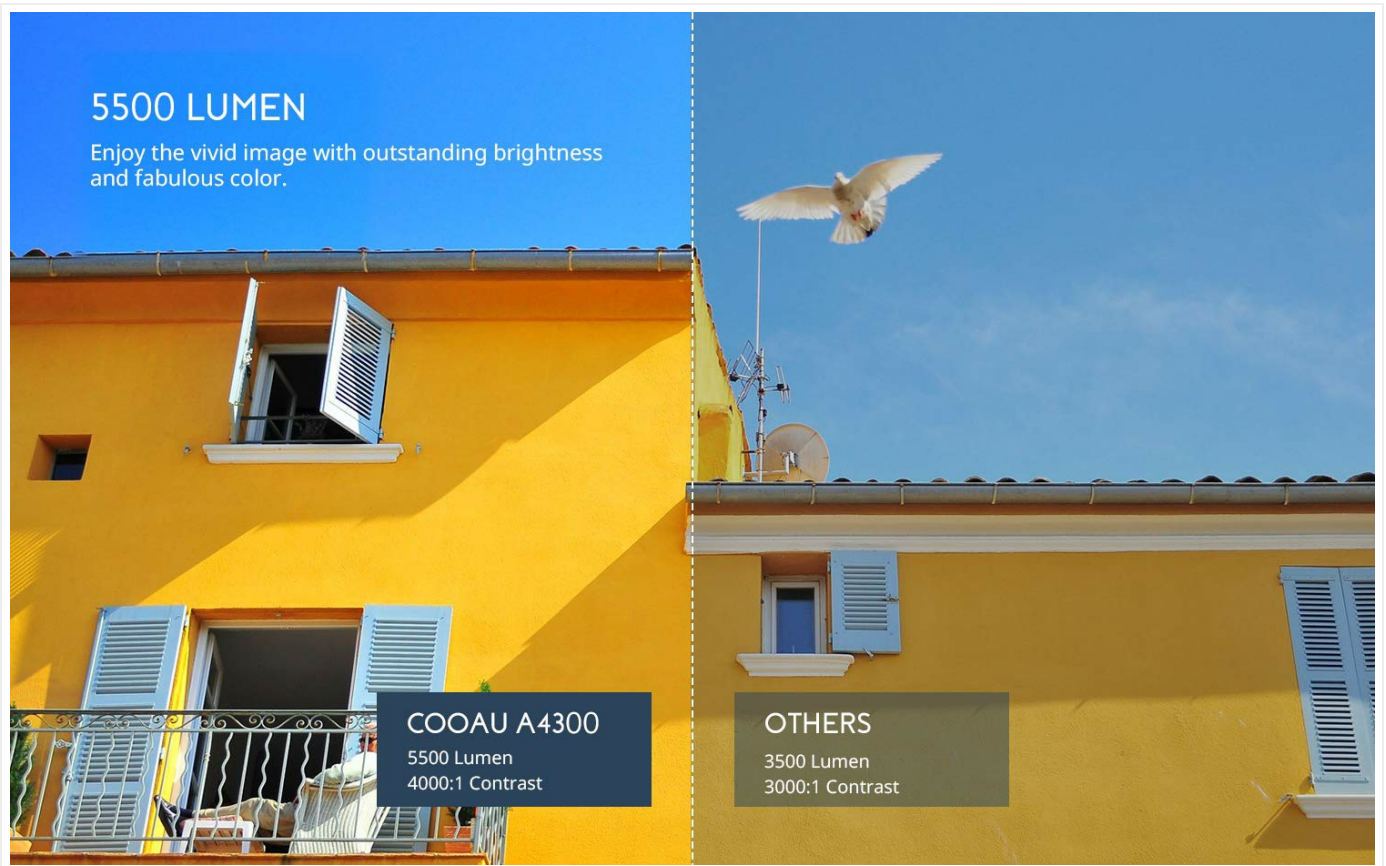
Image: A side-by-side comparison demonstrating the superior brightness (5500 Lumen) and contrast (4000:1) of the COOAU A4300 projector against another projector, showcasing its vibrant image quality.

6.3. Audio Output

The projector includes built-in Hi-Fi speakers for a powerful and immersive sound experience. You can also connect external speakers or headphones via the 3.5mm audio jack.

Image: The COOAU A4300 projector positioned on a table, with visual representations of sound waves emanating from it, illustrating the

6.4. Screen Mirroring (Smartphone Connectivity)

The COOAU A4300 supports screen mirroring, allowing you to display content from your smartphone on a larger screen. This requires an external adapter (not included):

- **iOS Devices:** Lightning to HDMI adapter.
- **Android Devices:** Micro USB/Type C to HDMI adapter.

Image: A smartphone connected to the COOAU A4300 projector via a cable, demonstrating the screen mirroring function, with the projector displaying content on a large screen in the background.

7. MAINTENANCE

7.1. Cleaning the Lens

Use the provided cleaning cloth or a soft, lint-free cloth to gently wipe the projector lens. Do not use abrasive cleaners or solvents.

7.2. Cooling System and Lamp Life

The COOAU A4300 features an advanced cooling system with two fans to ensure efficient heat dissipation and extend the lamp's lifespan. The LED light source is designed for up to 70,000 hours of operation. Regularly ensure that the ventilation vents are clear of dust and obstructions.

Image: An internal diagram of the COOAU A4300 projector, highlighting its upgraded cooling system with two fans and airflow paths, indicating a long lamp life of up to 70,000 hours.

8. TROUBLESHOOTING

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

- **No Image:**

  - Ensure the power cord is securely connected and the projector is turned on.
  - Verify that the correct input source is selected (HDMI, VGA, AV, USB).
  - Check the connection cable between the projector and the source device.

- **Blurry Image:**

  - Adjust the focus ring on the projector lens.
  - Ensure the projection distance is within the recommended range (4.6ft-18.7ft).

- **Image is Trapezoidal:**

  - Use the keystone correction slider to adjust the image shape.
  - Ensure the projector is placed on a level surface and is perpendicular to the screen.

- **No Sound:**

  - Check the volume level on both the projector and the source device.
  - Ensure audio cables are properly connected if using external speakers.
  - Verify that the audio format is supported (MP3 / M4a).

- **Remote Control Not Working:**

  - Check and replace the batteries in the remote control.
  - Ensure there are no obstructions between the remote control and the projector's IR receiver.

9. TECHNICAL SPECIFICATIONS

Imaging Technology	LED
Maximum Supported Resolution	1920x1080P
Native Resolution	1280x720P
Brightness	4600 Lumens
Light Source Life	Up to 70,000 hours (LED)
Screen Size	45-200 inches
Lens	Multichip Coated Lens
Keystone Correction	±15 degrees
Aspect Ratio	16:9
Consumption	85W ± 5W
Supported Languages	23 Languages
Interfaces	1* AC Input, 2* USB Ports, 1* VGA Port, 1* AV Input, 1* HDMI Port, 1* 3.5mm Audio Jack
Supported Video Formats	Full Formats
Supported Audio Formats	MP3 / M4a
Supported Image Formats	JPG, JPEG, BMP, PNG
Product Dimensions	25.6 x 19.5 x 8.5 cm
Item Weight	2.09 kg

10. WARRANTY AND SUPPORT

COOAU offers a **3-year Warranty** for this Projector. For any questions, problems, or technical assistance, please contact COOAU customer support. We are committed to providing the best solution for your needs.

Please refer to the official COOAU website or your purchase documentation for specific contact details and warranty claim procedures.

Related Documents

COOAU User Guide PROJECTOR-A1	**COOAU Projector A1 User Guide** Comprehensive user guide for the COOAU Projector A1, covering setup, operation, image adjustment, connectivity, and troubleshooting.
COOAU BELL J6 PLUS COOAU Video Doorbell	**COOAU BELL J6 PLUS Video Doorbell User Manual** Comprehensive user manual for the COOAU BELL J6 PLUS Video Doorbell, covering setup, installation, features like live view and recording, and troubleshooting. Learn how to connect your wireless chime and use the CloudEdge app.
COOAU DC 201 PTZ 回転カメラ	**COOAU DC 201 PTZ Security Camera User Manual** This manual provides comprehensive instructions for the COOAU DC 201 PTZ Security Camera, covering setup, features, troubleshooting, and after-sales service. Learn how to install, connect, and operate your camera for optimal security.
COOAU ZS-GQ1 Battery Security Camera	**COOAU ZS-GQ1 Battery Security Camera User Manual** User manual for the COOAU ZS-GQ1 Battery Security Camera, covering product introduction, APP installation, camera setup, Wi-Fi connection, and troubleshooting.