AKATUO Hy300

AKATUO Hy300 Smart Portable Android 11 Mini Projector User Manual

Model: Hy300

1. PRODUCT OVERVIEW

The AKATUO Hy300 is a smart portable mini projector featuring Android 11.0, 220 ANSI lumens brightness, 4K/1080P support, dual-band Wi-Fi (5G/2.4G), and Bluetooth 5.0. Its integrated gimbals design allows for a flexible 180-degree projection angle, making it suitable for various viewing environments, including ceiling projection.

Image 1.1: Front view of the AKATUO Hy300 Mini Projector, showcasing its compact design and lens.

2. SETUP INSTRUCTIONS

2.1 Unboxing and Initial Placement

- Carefully remove all components from the packaging.
- Place the projector on a stable, flat surface. Ensure adequate ventilation around the device.
- Connect the power adapter to the projector and then to a power outlet.

2.2 Power On and Basic Settings

- Press the power button on the projector or remote control to turn it on.
- Follow the on-screen prompts for initial setup, including language selection and time zone.

2.3 Positioning and Angle Adjustment

The integrated gimbals system allows for flexible 180-degree rotation. Adjust the projector's angle to achieve the desired projection surface, such as a wall or ceiling.

Image 2.1: The AKATUO Hy300 projector positioned to project an image onto the ceiling, demonstrating its 180-degree rotation capability.

2.4 Image Adjustment (Auto Keystone Correction)

The projector features 4-point smart electronic display correction and smart electrical keystone correction to ensure a clear, rectangular image even when projected at an angle. This process is typically automatic.

Image 2.2: An illustration of the automatic keystone correction feature, showing how the projector adjusts a distorted image into a perfect rectangle.

3. OPERATING INSTRUCTIONS

3.1 Android 11.0 Interface and Apps

The projector runs on Android 11.0, providing access to a wide range of applications. Navigate the interface using the remote control.
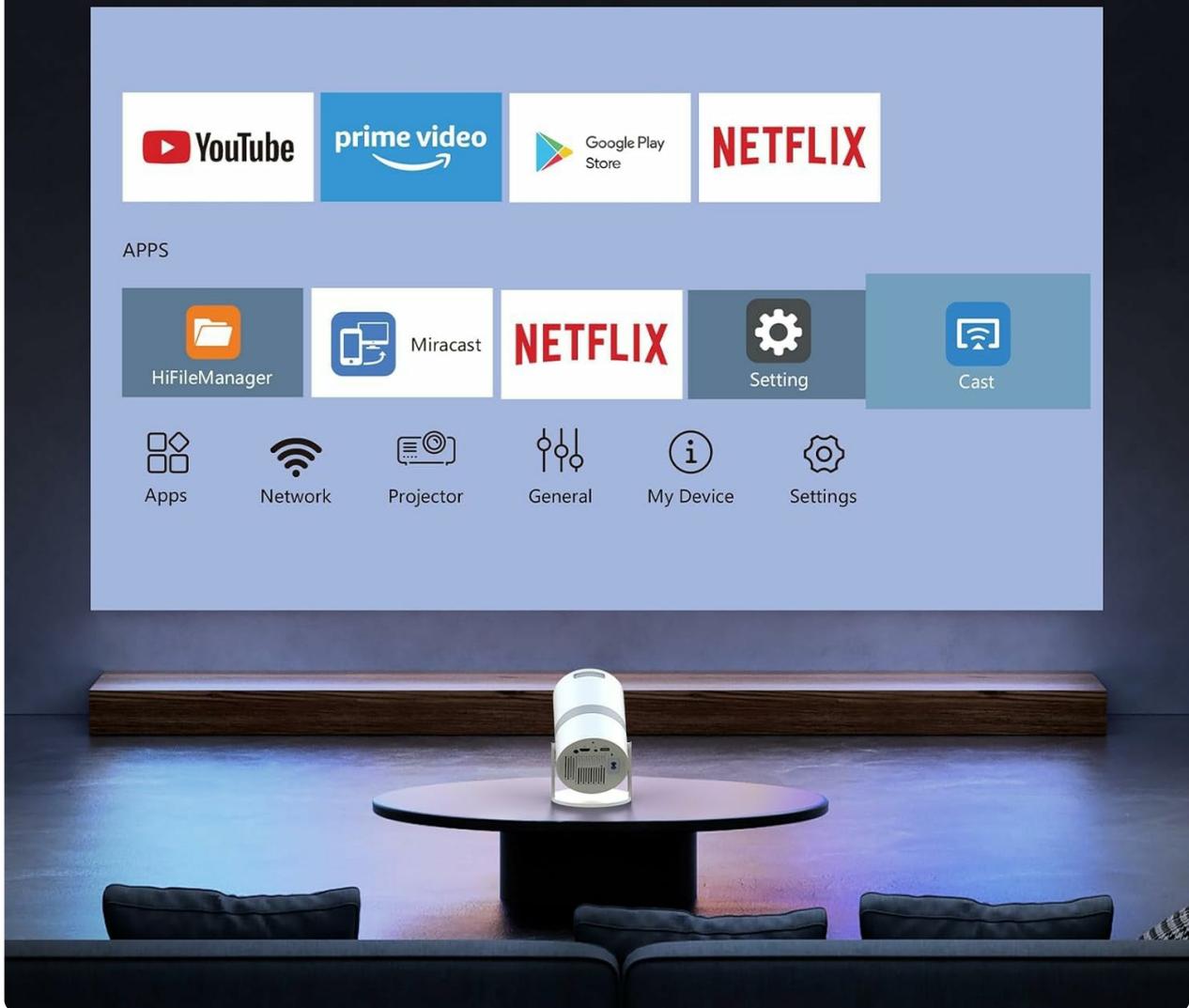
Image 3.1: The Android TV interface displayed on the projector, showing popular streaming applications such as YouTube, Prime Video, Google Play Store, and Netflix.

3.2 Network Connection (Wi-Fi)

Connect the projector to your home Wi-Fi network for internet access and streaming. The device supports both 5G and 2.4G Wi-Fi bands for a stable and fast connection.

- Go to **Settings** > **Network & Internet**.
- Select your Wi-Fi network and enter the password.

Image 3.2: A visual representation of the projector's dual-band Wi-Fi capability, showing simultaneous 5G and 2.4G connections for enhanced performance.

3.3 Connecting External Devices

The projector offers multiple connectivity options for external devices:

- **HDMI Interface:** Connect laptops, PCs, TV sticks, TV boxes, gaming consoles (PS), and Blu-ray players.
- **USB Interface:** Connect USB drives for media playback.
- **Audio Interface:** Connect external headphones or earphones.

Image 3.3: A diagram illustrating the various input and output ports on the AKATUO Hy300, including HDMI, USB, and Audio, and compatible devices for each.

3.4 Bluetooth Connection

Pair Bluetooth devices like external speakers or headphones for enhanced audio.

- Go to **Settings** > **Connected Devices** > **Pair new device**.
- Select your Bluetooth device from the list to pair.

3.5 Screen Mirroring (Miracast/Cast)

Wirelessly mirror content from compatible smartphones or tablets using Miracast or Cast functions. Refer to your device's instructions for initiating screen mirroring.

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4. MAINTENANCE

4.1 Cleaning the Lens

- Use a soft, lint-free cloth specifically designed for optical lenses.

- Gently wipe the lens in a circular motion to remove dust or smudges.
- Avoid using abrasive cleaners or excessive force.

4.2 Cleaning the Exterior

- Wipe the projector's exterior with a soft, dry cloth.
- Do not use liquid cleaners directly on the device.

4.3 Storage

- Store the projector in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, place it back in its original packaging or a protective case.

The LED light source has a life expectancy of up to 60,000 hours, requiring minimal maintenance.

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5. TROUBLESHOOTING

5.1 No Power

- Ensure the power adapter is securely connected to the projector and a working power outlet.
- Check if the power outlet is functional by plugging in another device.

5.2 No Image or Blurry Image

- Verify that the projector is powered on and the lens cap (if any) is removed.
- Check the input source if an external device is connected (e.g., HDMI 1, HDMI 2).
- Allow the automatic keystone correction to adjust the image. If manual focus is available, adjust it until the image is clear.
- Ensure the projection surface is flat and clean.

5.3 No Sound

- Increase the volume on the projector and the connected source device.
- Check if external speakers or headphones are connected via Bluetooth or the audio jack. Disconnect them to use the built-in speakers, or ensure they are properly connected and powered on.
- Verify that the audio output settings on the projector are correct.

5.4 Wi-Fi or Bluetooth Connection Issues

- Ensure the Wi-Fi router or Bluetooth device is within range and powered on.
- Restart the projector and the network device/Bluetooth accessory.
- Re-enter the Wi-Fi password to ensure it is correct.
- For Bluetooth, unpair and re-pair the device.

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6. SPECIFICATIONS

Feature	Description
Brand	AKATUO
Model	Hy300
Operating System	Android 11.0
Brightness	220 ANSI Lumens
Resolution Support	4K / 1080p HD video stream
Connectivity	Wi-Fi 5G+2.4G, Bluetooth 5.0, HDMI, USB
Storage	1GB RAM + 8GB ROM
Projection Angle	180° flexible adjustment (Integrated Gimbals System)
Recommended Screen Size	37" to 150"
Audio	Built-in 3W speakers
Light Source Life	Up to 60,000 hours
Item Weight	200 g
Special Features	Auto Keystone Correction, Portable Design
Battery	No built-in battery

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The AKATUO Hy300 projector comes with a 2-year warranty service from the date of purchase. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For any questions or technical assistance, please contact AKATUO customer support. Inquiries will be responded to within 24 hours.

7.3 Certifications

This product complies with various international certifications, including CE, FCC, RoHS, and PSE, ensuring safety and quality standards.