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› HOMPOW C55 4K Support Android TV 9.0 Projector User Manual

HOMPOW C55

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Model: C55

1. PRODUCT OVERVIEW & KEY FEATURES

The HOMPOW C55 is a smart projector designed for home entertainment, featuring Android TV 9.0, native 1080P resolution with 4K support, and advanced auto-focus and auto-keystone correction. It offers versatile connectivity options and a long-lasting LED light source.

- **Smart Projector with Android TV 9.0:** Access various streaming services and apps like Netflix, Amazon Prime Video, and YouTube directly.
- **High Resolution & Brightness:** Native 1920x1080p resolution with 4K support, 12000:1 contrast ratio, and 500 ANSI high brightness for vibrant and detailed images.
- **Autofocus & Auto 4D Keystone Correction:** Intelligent Screen Adaption technology simplifies setup by automatically adjusting display and focus.
- **5G WiFi & 5.0 Bluetooth:** Seamless wireless connectivity supporting Airplay, Chromecast, Miracast, and Bluetooth for audio devices.
- **Multi-Media Connection & LAN Port:** Equipped with HDMI, USB, AV, and audio output ports for connecting various devices, including gaming consoles and PCs.



Figure 1.1: The HOMPOW C55 projector showcasing its Android TV 9.0 interface with various streaming apps.

2. UNBOXING & PHYSICAL OVERVIEW

Upon unboxing your HOMPOW C55 projector, ensure all components are present and familiarize yourself with the device's physical features.

2.1 What's in the Box

- HOMPOW C55 Projector
- Remote Control
- Power Cord
- AV Cable
- HDMI Cable
- User Manual

2.2 Device Dimensions & Features

The C55 is a full-size model, measuring approximately 8.5 inches long by 10 inches wide by 4.25 inches tall. Its front features an AI 100-megapixel camera for autofocus and a smart adjusting sensor, along with an IR sensor for the included remote control. A motorized lens cover adds to its sleek design and protects the lens.

Video 2.1: A detailed overview of the HOMPOW C55 projector's physical design, including its dimensions, front-facing camera, and motorized lens cover. The video also demonstrates the unboxing process and included accessories.

2.3 Input/Output Ports

The rear of the projector is equipped with various input and output ports for comprehensive connectivity:

- 2 x HDMI Inputs
- 1 x USB Port
- 1 x 3.5mm Headphone Jack
- 1 x 3.5mm Auxiliary Port
- 1 x Ethernet (LAN) Port
- 1 x IR Sensor (for remote control)
- 1 x AC Power Socket
- Removable dust filter for internal cooling fan



Figure 2.2: Rear view of the HOMPOW C55 projector, highlighting its various input and output ports for diverse connectivity needs.

3. SETUP & INITIAL OPERATION

Setting up your HOMPOW C55 projector is straightforward, with automatic features to simplify the process.

3.1 Power On & Autofocus

To power on the projector, press the power button located on the top panel. The projector will display a simple splash screen and then boot directly into the Android operating system. After a few seconds, the auto-focus feature will initiate to provide a clear image.



Figure 3.1: The projector's screen showing the 'FOCUS' indicator during the automatic focus adjustment process.

If you are not satisfied with the results of the auto-focus, you can manually adjust it using the focus positive (+) and negative (-) buttons on the remote control. This allows for fine-tuning the focus to achieve the best possible picture.

3.2 Keystone Correction

The projector features auto 4D keystone correction, allowing for flexible placement. You can also manually adjust the vertical keystone by setting the 'Keystone Advanced' method to 'Front' and then using the manual keystone adjustment. For more complex adjustments, select 'Side' under 'Keystone Advanced' to access the 4-Point Keystone correction.

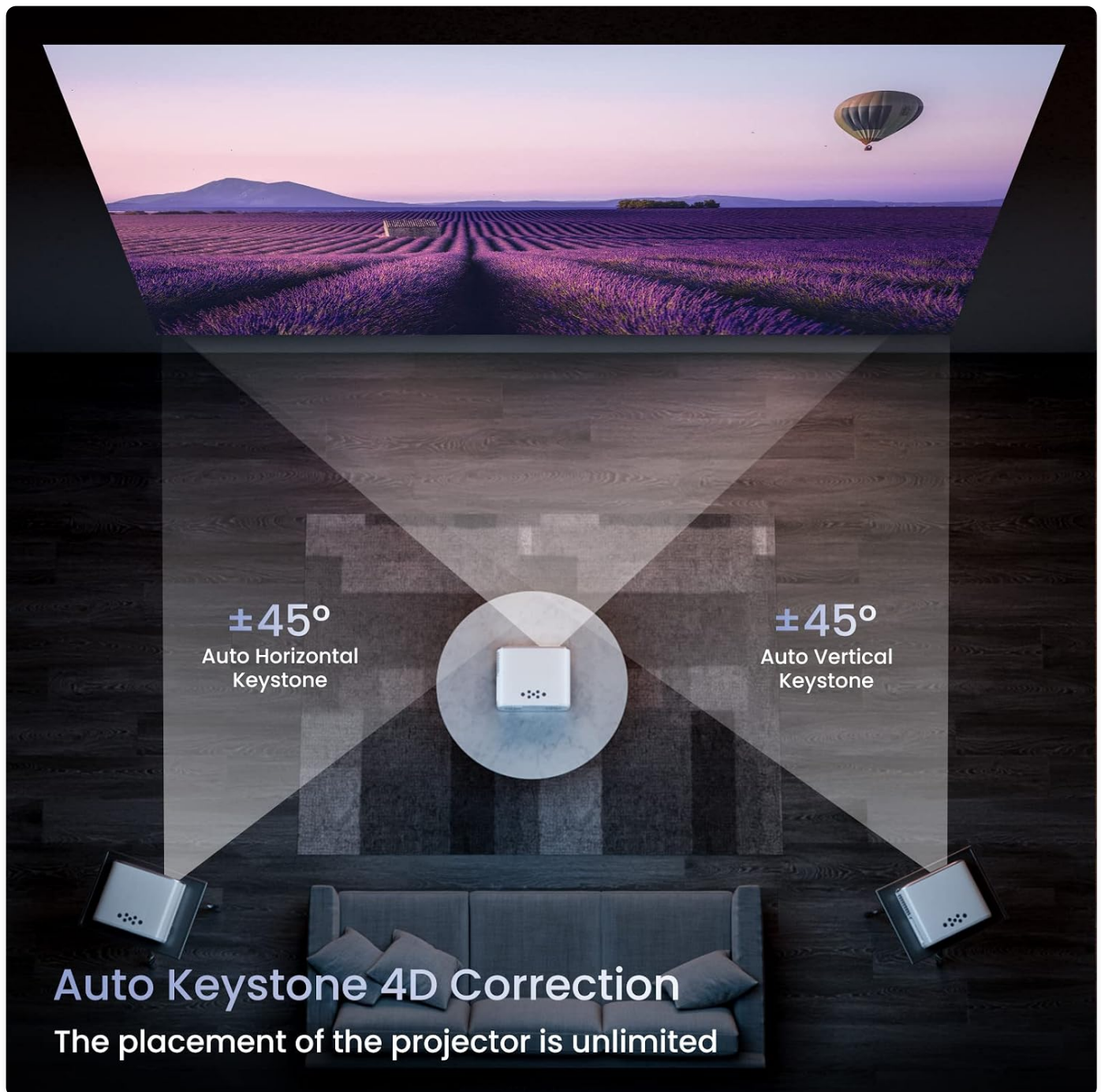


Figure 3.2: The projector's automatic keystone correction feature, illustrating how it adjusts the image from an angled projection.

An 'Automatic Trapezoid' option is also available, which automatically adjusts horizontal and corner keystone correction using the camera and sensor. You can reset all trapezoid correction changes using the 'Trapezoidal Correction Reset' option in the settings.

4. OPERATING SYSTEM & APPLICATIONS

The HOMPOW C55 runs on Android TV 9.0, offering a user-friendly interface for accessing various content.

4.1 Android TV Launcher

The Android TV launcher is configured with horizontal scrolling panels for featured apps, recommended apps, and recommended movies. Navigating to the left reveals a pop-up menu where you can access different categories of apps, games, movies, and videos.

4.2 App Management & Side-loading

The app section includes an APK app store. While it may not be Google Certified, it allows you to side-load your own APK app stores (such as Aptoide or APKPure) by navigating to your flash drive or external hard drive via the USB option. Once installed, you gain access to your favorite APK apps and games.

It's important to note that the included infrared remote does not have a mouse pointer feature. However, you can connect a wireless air mouse with a USB dongle or via Bluetooth to enable a mouse cursor option for easier navigation.

4.3 DRM Information & Streaming Limitations

The projector is not Google Certified, which means it may not have the necessary digital rights management (DRM) to run subscription services like Netflix and Amazon Prime Video in HD or 4K quality. The device only has Google Widevine Level 3 with no HDCP protection. This may limit streaming quality on certain platforms.

5. MEDIA PLAYBACK

The C55 projector supports various media formats and offers built-in decoders for enhanced audio-visual experience.

5.1 Video Playback

The projector has built-in decoders that allow you to play 4K videos and scale them down to 1080p. For YouTube videos, you can install the Android TV version or the smart YouTube TV version. Both apps limit the resolution to 720p with no HDR.

5.2 Audio Playback

The projector includes built-in decoders for Dolby and DTS audio playback. Its internal speaker provides decent sound quality, but for a more immersive experience, you can pair Bluetooth headphones, Bluetooth speakers, or audio receivers.



Figure 5.1: Illustration of the projector's lossless sound quality and 15W Hi-Fi speaker.

5.3 Image & Document Viewing

For viewing images in a loop (e.g., at events), simply insert your storage device, browse to the folder, open the first image, and press the play button to cycle through all your photos. You can access picture brightness and color settings by clicking the settings icon on the navigation menu below.

For professional use, the projector comes equipped with an OfficeSuite of applications, including Word, Excel spreadsheets, PDF viewer, and PowerPoint presentations, allowing you to view office documents directly.

6. CONNECTIVITY & SCREEN MIRRORING

The HOMPOW C55 offers robust connectivity options for seamless integration with your devices.

6.1 WiFi & Bluetooth

The projector supports both 2.4GHz and 5GHz WiFi bands. You can connect to your preferred network via the WiFi

settings. Additionally, it features Bluetooth 5.0, allowing you to connect to wireless remotes, Bluetooth gamepads, speakers, and audio receivers.

6.2 Screen Mirroring

The projector supports screen mirroring for Android (Miracast) and iOS/macOS (Cool Mirror app). Follow the on-screen instructions to connect your mobile devices to the projector's network and enable screen mirroring.



Figure 6.1: Wireless connection capabilities of the projector, showing Airplay, Chromecast, and Miracast support.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your projector.

7.1 Dust Filter

The projector features a removable dust filter for its internal cooling fan. Regularly clean this filter to prevent dust buildup and maintain efficient cooling.

7.2 Lamp Life

The LED light source has an impressive lamp life of 120,000 hours, significantly extending the projector's operational lifespan.

8. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Image is blurry:** Use the manual focus buttons on the remote or re-initiate autofocus. Check for obstructions in front of the lens.
- **Image is distorted (not rectangular):** Adjust keystone correction manually or enable automatic trapezoid correction in settings.
- **No sound from streaming apps (e.g., Netflix):** This projector may not support certain DRM-protected content in high quality due to Widevine L3. Consider connecting an external streaming device (like a Fire Stick or Roku) to an HDMI port for full compatibility.
- **Cannot connect to Wi-Fi/Bluetooth:** Ensure the Wi-Fi/Bluetooth is enabled in settings. Check your network connection. Try restarting the projector.
- **Projector freezes or is unresponsive:** Perform a factory reset via the System Update settings.
- **Overheating:** Ensure the dust filter is clean and the cooling fan vents are not obstructed. Allow the projector to rest every few hours during extended use.

9. SPECIFICATIONS

Feature	Specification
Brand Name	HOMPOW
Item Model Number	C55
Display Resolution	1920 x 1080 (Native 1080P, 4K Support)
Display Type	LCD
Light Source	LED
Lamp Life	120,000 hours
Brightness	12,000 Lumens (500 ANSI)
Contrast Ratio	12,000:1
Operating System	Android TV 9.0
Connectivity Technology	Wi-Fi (2.4GHz & 5GHz), Bluetooth 5.0
Special Features	Auto Focus, Auto 4D Keystone Correction, Auto Corner Keystone, Motorized Lens Cover
Speaker Type	Built-In (15W Hi-Fi Speaker)
Item Weight	4.1 pounds
Product Dimensions	10 x 8.38 x 4.25 inches
Recommended Uses	Home Cinema

10. WARRANTY & SUPPORT

For detailed warranty information, technical support, and service inquiries, please refer to the official HOMPOW website or contact their customer service directly. Contact details are typically provided in the user manual included with your product.

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.

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Anonymous

Email

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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

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Submit question

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