

Magcubic HY310

Magcubic HY310 Mini Portable LED Projector User Manual

Model: **HY310** | Brand: **Magcubic**

1. INTRODUCTION

Thank you for choosing the Magcubic HY310 Mini Portable LED Projector. This device is designed to provide a high-quality visual experience with its native 1080P resolution, 4K support, and smart features like auto-focus and keystone correction. Its compact design and Android operating system make it versatile for various entertainment and presentation needs. Please read this manual carefully to ensure proper setup, operation, and maintenance of your projector.



Image 1.1: The Magcubic HY310 projector and its remote control.

2. PACKAGE CONTENTS

Ensure all the following items are included in your package:

- Magcubic HY310 Projector
- Power Adapter
- Remote Control
- User Manual (this document)

3. PRODUCT OVERVIEW

The Magcubic HY310 is a compact and portable projector designed for ease of use and high performance. Key features include:

- **Native 1080P Resolution with 4K Support:** Delivers sharp images and vibrant colors.
- **Automatic Focus and Keystone Correction:** Ensures a clear, perfectly aligned image without manual adjustments.
- **260 ANSI Lumens Brightness:** Suitable for various viewing environments.
- **10000:1 Contrast Ratio:** Provides deep blacks and bright whites for enhanced image depth.
- **Integrated Android OS:** Access streaming apps directly.
- **WiFi 6 and Bluetooth 5.4:** For fast wireless connectivity and audio pairing.
- **180° Rotation:** Allows projection onto walls, ceilings, or floors.
- **Voice Remote Control:** Intuitive navigation and hands-free adjustments.
- **Built-in 5W Speaker:** Provides integrated audio.
- **Short Throw Projection (0.8:1 Aspect Ratio):** Projects a larger image from a shorter distance.

Compact Design, Ultimate Portability

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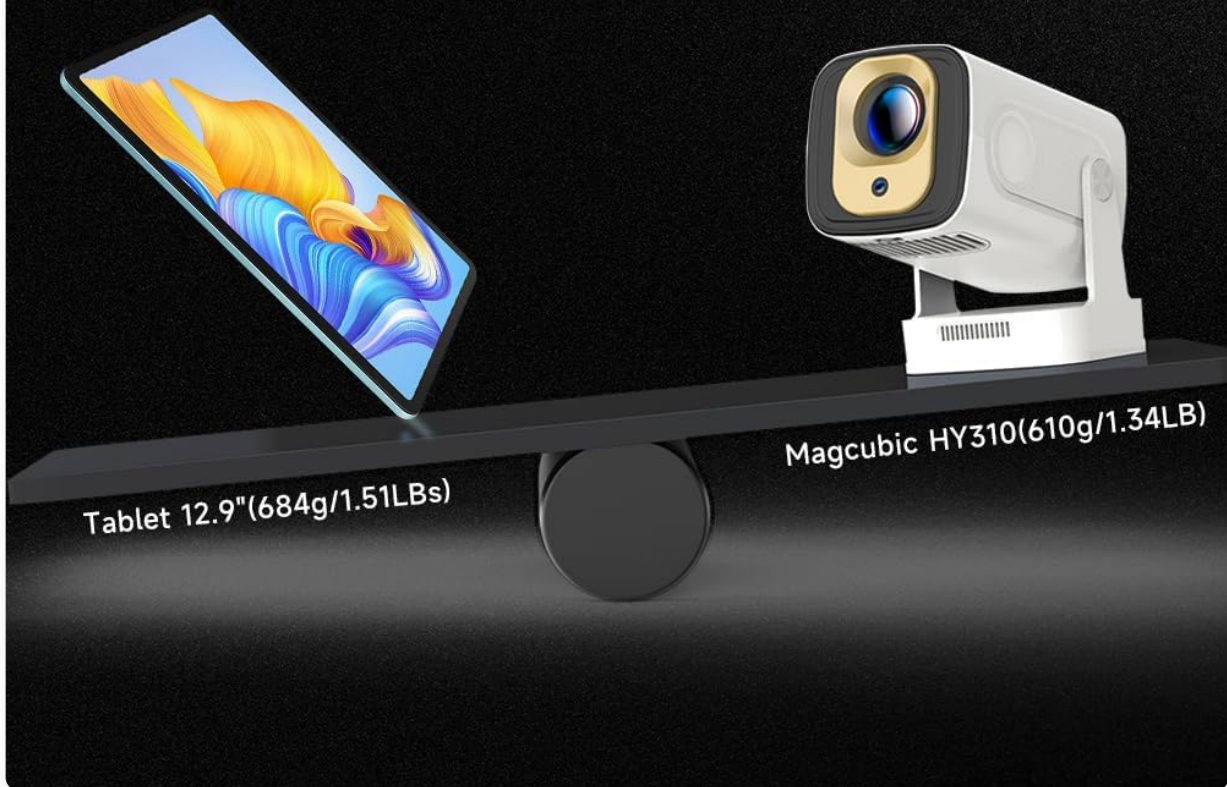


Image 3.1: The Magcubic HY310 features a built-in Android 14 system for direct access to entertainment apps.

4. SETUP

Follow these steps to set up your Magcubic HY310 projector for the first time:

1. **Placement:** Position the projector on a stable, flat surface. The 180° rotatable stand allows for flexible placement, including projecting onto a wall, ceiling, or screen.
2. **Power Connection:** Connect the power adapter to the projector's power input and then plug it into an electrical outlet.

3. **Power On:** Press the power button on the projector or the remote control to turn on the device.
4. **Automatic Adjustments:** The projector will automatically perform auto-focus and keystone correction to provide a clear and rectangular image.
5. **Remote Control Pairing (if needed):** If the remote control does not respond, ensure batteries are inserted correctly. For Air Mouse functionality, press and hold both the 'OK' and 'Back' buttons simultaneously until the indicator light flashes, then release. Navigate to Bluetooth settings on the projector to pair the remote.



Image 4.1: Instructions for pairing and using the Air Mouse remote control.



Image 4.2: Overview of projector ports and compatible devices for connectivity.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button on the projector or the remote control to turn the device on or off. A short press will put it into standby mode, while a long press will power it down completely.

5.2 Navigation and Interface

The projector runs on an Android operating system, providing a user-friendly interface. Use the remote

control to navigate through menus, select applications, and adjust settings. The Air Mouse function offers precise cursor control, similar to a computer mouse.

5.3 Connectivity

- **Wi-Fi:** Connect to your home network via Wi-Fi 6 for seamless streaming and app downloads. Go to Settings > Network > Wi-Fi to select your network and enter the password.
- **Bluetooth:** Pair Bluetooth speakers or headphones for enhanced audio. Go to Settings > Bluetooth to scan for and connect to devices.
- **HDMI:** Connect external devices like laptops, gaming consoles, or Blu-ray players using an HDMI cable. Select the HDMI input from the main menu.
- **USB:** Plug in USB drives to play media files directly. Select the USB input from the main menu.
- **Screen Mirroring:** The projector supports wireless screen mirroring via Miracast (for Android) and Airplay (for iOS) for compatible devices.

5.4 Image Adjustment

The Magcubic HY310 features advanced image adjustment capabilities:

- **Auto Focus:** The projector automatically adjusts the focus for a clear image upon startup or movement.
- **Automatic Keystone Correction:** Corrects distorted images (trapezoidal effect) automatically to ensure a rectangular projection.
- **Manual 4P Keystone Correction:** For fine-tuning, you can manually adjust each corner of the image.
- **Zoom (80%-100%):** Adjust the projection size without moving the projector.



Image 5.1: The projector's smart adjustment features, including auto-focus and keystone correction.



Image 5.2: Feature comparison highlighting the HY310's superior specifications.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your projector.

- **Lens Cleaning:** Gently wipe the projector lens with a soft, lint-free cloth. Do not use abrasive cleaners or excessive force.
- **Dust Filter:** The Magcubic HY310 includes a built-in dust filter that blocks up to 95% of dust. Periodically clean or replace the filter as needed to maintain optimal airflow and prevent overheating. Refer to the diagram for filter location and removal.
- **General Cleaning:** Use a soft, dry cloth to clean the exterior of the projector. Avoid using liquid cleaners directly on the device.



Image 6.1: The integrated dust filter helps maintain projector performance.

7. TROUBLESHOOTING

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

- **No Image:**

- Ensure the projector is powered on and connected to a power source.
- Check the input source (HDMI, USB, etc.) is correctly selected.
- Verify that the connected device (laptop, smartphone) is outputting a signal.

- **Blurry Image:**

- Allow the auto-focus function to complete.
- If the image remains blurry, try moving the projector slightly to trigger auto-focus again, or perform manual keystone correction if needed.
- Ensure the lens is clean and free from dust or smudges.

- **No Sound:**

- Check the volume settings on both the projector and the connected source device.
- If using external Bluetooth speakers, ensure they are properly paired and connected.
- Note: The projector does not have an AUX audio output.

- **Remote Control Not Responding:**

- Replace the batteries in the remote control.
- Ensure there are no obstructions between the remote and the projector.
- Re-pair the remote control if necessary (refer to Section 4. Setup).

- **Wi-Fi/Bluetooth Connectivity Issues:**

- Ensure the Wi-Fi network is active and the password is correct.
- Move the projector closer to the Wi-Fi router.
- Restart the projector and your router.
- For Bluetooth, ensure the device you are trying to connect is in pairing mode and within range.

8. SPECIFICATIONS

Feature	Specification
Brand	Magcubic
Model	HY310
Product Model Number	HY310
Package Dimensions	17.8 x 15.5 x 13.5 cm
Product Weight	950 g
Hardware Interface	USB

Feature	Specification
Compatible Devices	Laptops, Smartphones, Game Consoles, Media Players
Other Features	Automatic Focus
Included Components	Adapter, User Manual, Remote
Display Technology	LCD
Display Type	LED
Image Contrast Ratio	10000:1
Aspect Ratio	16:9
Screen Resolution	1920 x 1080
Maximum Resolution	3840 x 2160 Pixels (4K Support)
Electrical Power	48 Watts
Batteries Included	No
Batteries Required	No
Refresh Rate	60 Hz
Connector Type	Bluetooth, Ethernet, Wi-Fi
Form Factor	Portable
Mounting Compatibility	Table Mount
Rechargeable Battery Included	No
Recommended Uses	Home Cinema
Connectivity Technology	Bluetooth, Ethernet, Wi-Fi

9. WARRANTY AND SUPPORT

Magcubic is committed to providing excellent customer service and product support.

- **30-Day Return or Exchange:** If you are not satisfied with your purchase, you may be eligible for a return or exchange within 30 days. Please refer to your retailer's policy for details.

- **Lifetime Technical Support:** Magcubic offers lifetime technical support for the HY310 projector. For assistance, please contact our customer service team.
- **24/7 Professional Service:** Our professional service team is available 24/7 to address any queries or issues you may have.



Image 9.1: Magcubic's commitment to customer service and support.

Related Documents - HY310

	Magcubic HY310 Smart Projector: Quick Installation Guide and Features Comprehensive guide to setting up and using the Magcubic HY310 Smart Projector, covering remote pairing, settings, wireless screen mirroring, and safety instructions.
	Magcubic L018 Portable Projector User Manual - Setup, Features, and Settings Comprehensive user manual for the Magcubic L018 portable projector. Learn about setup, package contents, remote control functions, settings navigation, troubleshooting tips, and safety instructions.
	Magcubic HY310X Mini Projector User Manual - Setup, Settings, and Safety Comprehensive user manual for the Magcubic HY310X Mini Projector. Learn about safety instructions, overview, remote control, settings (networking, Bluetooth, projection, applications, language, date/time), about information, other settings, screen casting, and regulatory compliance.
	Magcubic HY450 Smart Projector Quick Installation Guide Concise guide to installing and setting up your Magcubic HY450 smart projector, covering safety precautions, remote control functions, system settings, wireless screen mirroring, and support information.
	Magcubic HY310 Smart Projector Quick Installation Guide A comprehensive guide to setting up and operating the Magcubic HY310 Smart Projector, covering safety, remote control pairing, system settings, and wireless screen mirroring.



Documents - Magcubic – HY310

Magcubic HY310 LCD LED Projector with Android TV - Technical Specifications

lang:en score:36 filesize: 435.77 K page_count: 2 document date: 2025-04-17

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M A G C U B I H Y 3 1 H Cinema die Projektoren DatenbankDer HY310 kurz vorgestellt Der Magcubic Kurzdistanz LED LCD Projektor bietet 330 Ansi Lumen einen Kontrast von 10000 und eine HDTV 1920 x 1080 magcubichy310 hc deprojektoren datenbank magcubichy310 de |||

Magcubic **HY310** MAGCUBIC **HY310** Leinwand Projektor Kurzvorstellung Beta 2.5 Projektionssystem Ansi-Lumen Kontrast Schwarzwert Offset Auflösung Wiedergabesignale Disc Erkennung Einsatzgebiet Lichtquelle Licht Lebensdauer Betriebskosten Der **HY310** kurz vorgestellt: Der Magcubic Kurzdistanz LED LCD Proj...

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