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> [Magcubic HY300Max Smart Projector User Manual](#)

Magcubic HY300Max

Magcubic HY300Max Smart Projector User Manual

Model: HY300Max

1. INTRODUCTION

Thank you for choosing the Magcubic HY300Max Smart Projector. This manual provides essential information for setting up, operating, and maintaining your projector. Please read it thoroughly before use to ensure optimal performance and safety.

The Magcubic HY300Max is a portable smart projector featuring WiFi 6 and Bluetooth 5.4 connectivity, 4K/8K decoding support, and automatic keystone correction. Its versatile design makes it suitable for various entertainment and presentation needs.

2. PRODUCT OVERVIEW

2.1 Package Contents

- Magcubic HY300Max Smart Projector
- Power Adapter
- Remote Control (batteries not included)
- User Manual

2.2 Key Features

- **High-Definition Visuals:** 260 ANSI lumens brightness, 720P native resolution with 4K/8K decoding support, 10,000:1 contrast ratio, 10-bit color depth.
- **Auto Hardware Keystone Correction:** Millisecond-level real-time image alignment.
- **Ultra-Short Throw Projection:** 0.8:1 throw ratio, ideal for small spaces.
- **Advanced Connectivity:** Dual-band Wi-Fi 6 (2.4G + 5G) and Bluetooth 5.4.
- **Integrated Audio:** Built-in 5W high-fidelity speakers.
- **Portable & Foldable Design:** Main body and base can be used separately for flexible projection angles (360° rotation, 35° tilt).
- **Low Latency HDMI:** 4ms latency for smooth gaming and video.

2.3 Projector Components

Blurred, Dull and Lacking Depth

Clear, Rich in Detail with a Sense of Depth

Other Projector

Our Projector

- 10-bit color depth
1.07 billion colors
- Accurate color reproduction
- Non-linear sharpness enhancement
- High Dynamic image quality
- High Dynamic Range (HDR)

Image: Front view of the Magcubic HY300Max Smart Projector, showing the lens and ventilation.

Manual Focus

Hardware keystone Correction

Automatic correction: Automatically corrects tilted images, allowing you to obtain square images every time you shoot

Image: Diagram illustrating the 360-degree rotatable base and 35-degree tilt capability of the projector's foldable design.

3. SETUP GUIDE

3.1 Placement

1. Place the projector on a stable, flat surface.
2. Ensure adequate ventilation around the projector.
3. For optimal viewing, maintain a distance of approximately 5.2 feet (1.6 meters) from an 80-inch screen. The projector supports various screen sizes based on distance, with a 0.8:1 throw ratio.



Image: Illustration of recommended projection distances for 80-inch (5.2 ft), 100-inch (6.5 ft), and 140-inch (8.5 ft) screen sizes.

3.2 Power Connection

1. Connect the power adapter to the DC IN port on the projector.
2. Plug the power adapter into a suitable electrical outlet.

3.3 Initial Power On

1. Press the power button on the projector or the remote control to turn it on.
2. The projector will initiate and display the home screen.

4. OPERATING INSTRUCTIONS

4.1 Remote Control

Use the provided remote control to navigate the projector's interface. Ensure batteries are correctly inserted.

4.2 Accessing Built-in Apps

1. From the home screen, navigate to the 'Apps' section.
2. Select your desired streaming service or application (e.g., Netflix, YouTube, Prime Video).
3. Log in with your account credentials if required.



Image: The projector interface showing access to popular streaming applications like Netflix, Prime Video, and YouTube.

4.3 Screen Mirroring

The projector supports screen mirroring from compatible smartphones, tablets, and laptops via Wi-Fi.

1. Ensure your device and the projector are connected to the same Wi-Fi network.
2. Select the screen mirroring function on the projector's interface.
3. On your mobile device, activate its screen mirroring feature (e.g., AirPlay for iOS, Cast for Android).
4. Select the projector from the list of available devices.

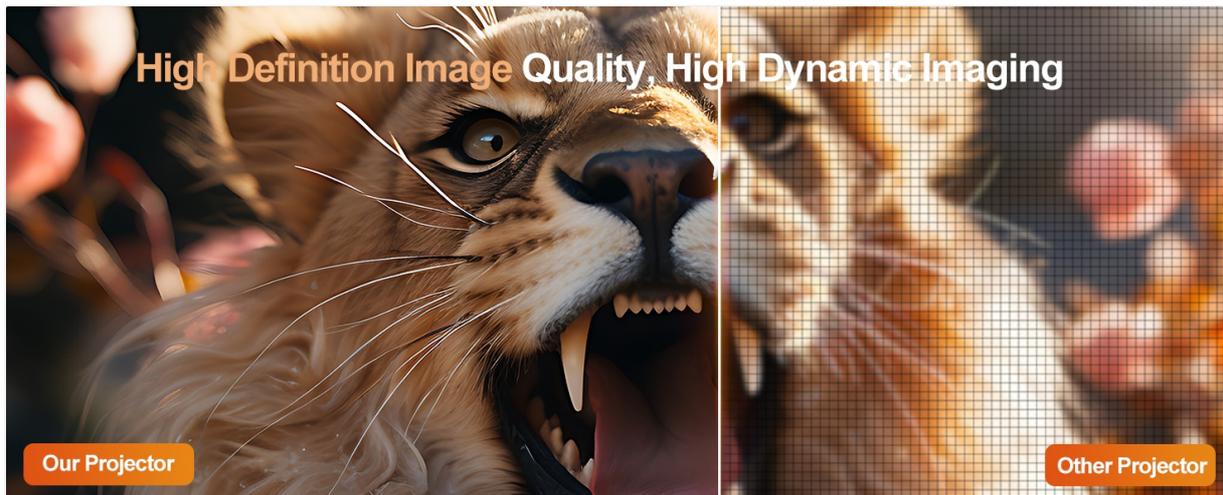


Image: A projector displaying content mirrored from a smartphone and a laptop, demonstrating wireless connectivity.

5. CONNECTIVITY

5.1 Wi-Fi 6 (2.4G + 5G)

Connect to your home network for internet access and streaming services. Dual-band support ensures stable and fast connections.

1. Navigate to 'Settings' on the projector.
2. Select 'Network' or 'Wi-Fi'.
3. Choose your Wi-Fi network and enter the password.

5.2 Bluetooth 5.4

Pair with external Bluetooth speakers or headphones for enhanced audio.

1. Navigate to 'Settings' on the projector.

2. Select 'Bluetooth'.
3. Enable Bluetooth and put your audio device into pairing mode.
4. Select your device from the list to connect.



Image: A diagram showing the projector's dual-band Wi-Fi and Bluetooth 5.4 capabilities, connecting to external speakers and a smartphone.

5.3 Wired Connections (HDMI, USB)

The projector includes HDMI and USB ports for connecting external devices.

Get Big Images in a Small Space

0.8:1 Ultra Short Throw Ratio



Image: Side view of the Magcubic HY300Max Smart Projector, highlighting the HDMI and USB input ports.

- **HDMI:** Connect gaming consoles (PS5, Switch), laptops, or TV sticks. The HDMI input features low latency (4ms) for a smooth experience.
- **USB:** Connect USB drives for media playback or other compatible accessories.



Image: The projector connected to a laptop, PC, Nintendo Switch, TV stick, and PlayStation 5, demonstrating versatile compatibility.

6. IMAGE ADJUSTMENT

6.1 Auto Hardware Keystone Correction

The projector automatically corrects distorted images caused by angled projection. This feature ensures a perfectly rectangular image without manual intervention.

- The system detects the projection angle and adjusts the image in real-time.
- Supports side projection while maintaining image quality.



Image: A projector automatically correcting a tilted image to form a perfect rectangle on the screen, with a manual focus ring visible.

6.2 Digital Zoom

Adjust the image size from 80% to 100% using the digital zoom function in the projector settings.

7. MAINTENANCE

7.1 Cleaning the Lens

- Use a soft, lint-free cloth specifically designed for optical lenses.
- Gently wipe the lens to remove dust or smudges. Avoid harsh chemicals or abrasive materials.

7.2 General Care

- Keep the projector in a clean, dry environment.

- Avoid exposing the projector to extreme temperatures or direct sunlight.
- Ensure ventilation openings are not blocked to prevent overheating.
- When not in use, store the projector in a protective cover or its original packaging.

8. TROUBLESHOOTING

Issue	Possible Cause	Solution
No Power	Power cable disconnected; Power outlet fault	Check power cable connection; Try a different outlet
No Image	Input source not selected; Device not connected; Lens cap on	Select correct input source (HDMI/USB); Ensure device is connected and powered on; Remove lens cap
Blurry Image	Out of focus; Incorrect projection distance	Adjust manual focus ring; Ensure projector is within optimal throw distance
No Sound	Volume too low; Muted; External audio device not connected/paired	Increase volume; Unmute; Connect/pair external audio device correctly
Wi-Fi/Bluetooth Disconnection	Interference; Out of range; Incorrect settings	Move closer to router/device; Check for interference; Reconfigure network/Bluetooth settings

9. SPECIFICATIONS

Feature	Detail
Brand	Magcubic
Model	HY300Max
Display Resolution	1280 x 720 (Native)
Brightness	260 ANSI Lumens
Contrast Ratio	10,000:1
Color Depth	10-bit (1.07 billion colors)
Decoding Support	4K/8K
Connectivity Technology	Wi-Fi 6 (2.4G + 5G), Bluetooth 5.4, HDMI, USB
Special Features	Auto Hardware Keystone, Built-In 5W Speaker, Lightweight, Portable, Ultra Short Throw, Foldable Split Design
Item Weight	2.35 pounds

Feature	Detail
Package Dimensions	8.98 x 7.32 x 5.71 inches
Recommended Uses	Business, Education, Gaming, Home Cinema

10. WARRANTY AND SUPPORT

Magcubic is committed to providing excellent customer service and support for your HY300Max Smart Projector.

10.1 Warranty Information

- **30-Day Return or Exchange:** If you are not satisfied with your purchase, you may return or exchange the product within 30 days.

10.2 Technical Support

- **Lifetime Technical Support:** Magcubic offers lifetime technical support for your product.
- **24/7 Service Professional:** Access to professional service assistance around the clock.

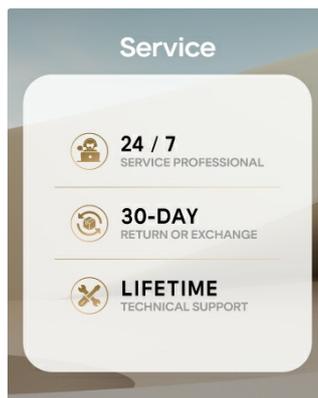


Image: Graphic detailing Magcubic's customer service offerings, including 24/7 professional service, 30-day return or exchange, and lifetime technical support.