

Magcubic HY350Max

Magcubic Smart Mini Projector HY350Max User Manual

Model: HY350Max | Brand: Magcubic

1. INTRODUCTION

Thank you for choosing the Magcubic Smart Mini Projector HY350Max. This portable projector is designed to deliver a high-quality cinematic experience with its Native 1080P resolution, 4K/8K support, and smart features like automatic focus and keystone correction. This manual provides essential information for setting up, operating, and maintaining your projector to ensure optimal performance and longevity.

2. PRODUCT OVERVIEW

2.1 Package Contents

- Magcubic Smart Mini Projector HY350Max
- Remote Control
- Power Cord
- User Manual

2.2 Key Features

- **Native 1080P Resolution & 8K Support:** Delivers sharp, clear images with support for up to 8K video decoding.
- **600 ANSI Lumens Brightness:** Provides vivid and bright projections suitable for various lighting conditions.
- **Automatic Image Correction:** Features Auto Focus, 6D Keystone Correction, Auto Obstacle Avoidance, and Auto Screen Alignment for quick and precise setup.
- **Advanced Connectivity:** Equipped with WiFi 6 for ultra-fast streaming and Bluetooth 5.4 for seamless audio connections.
- **Integrated Audio:** Built-in 15W Hi-Fi stereo speaker for immersive sound.
- **Versatile Projection:** 180° rotatable design allows for projection on walls, ceilings, or any surface.
- **Compact & Portable:** Lightweight design for easy transport and setup in different locations.

2.3 Projector Components

Familiarize yourself with the physical components of your projector:



Image 1: Front view of the Magcubic Smart Mini Projector HY350Max, showcasing its compact design and lens.

Auto Focus & Auto Keystone Correction

Fully automatic setting within seconds



Image 2: Rear view of the projector, highlighting the HDMI, USB, and audio ports for external connections.

- **Projection Lens:** Located at the front, responsible for projecting the image.
- **Focus Dial:** (If manual focus is available, otherwise mention auto-focus sensor) Used for manual focus adjustment.
- **HDMI Port:** For connecting external devices like laptops, game consoles, or TV sticks.
- **USB Port:** For connecting USB storage devices to play media files.
- **Audio Jack (3.5mm):** For connecting external headphones or speakers.
- **Power Input:** For connecting the power adapter.
- **Control Buttons:** On the top panel for basic navigation and power.

3. SETUP

3.1 Power Connection

1. Connect the power adapter to the projector's power input port.
2. Plug the power adapter into a wall outlet.
3. Press the power button on the projector or remote control to turn it on.

3.2 Placement and Positioning

The projector's 180° rotatable design offers flexible placement options:

- **Tabletop Use:** Place the projector on a flat surface.
- **Tripod Mount:** Attach to a compatible tripod for stability.
- **Ceiling Mount:** Utilize the rotating base to project onto the ceiling.
- **Wall Mount:** Position the projector to project directly onto a wall.

For optimal image quality, ensure the projection surface is smooth and light-colored. The recommended distance for an 80-inch screen is 5.2 feet (approximately 1.6 meters).



Image 3: Illustration of the projector's versatile mounting options, including ceiling, tabletop, and tripod, demonstrating its 180° rotation capability.

3.3 Initial Image Adjustment

The HY350Max features intelligent automatic image correction:

- **Auto Focus:** The projector will automatically adjust the image clarity.
- **Auto Keystone Correction:** Automatically corrects distorted images to a perfect rectangular shape.
- **Auto Obstacle Avoidance & Screen Alignment:** The projector can detect obstacles and adjust the image to fit the screen area.

If the projection distance exceeds 2.5 meters, manual focus adjustment using the remote control may be required.

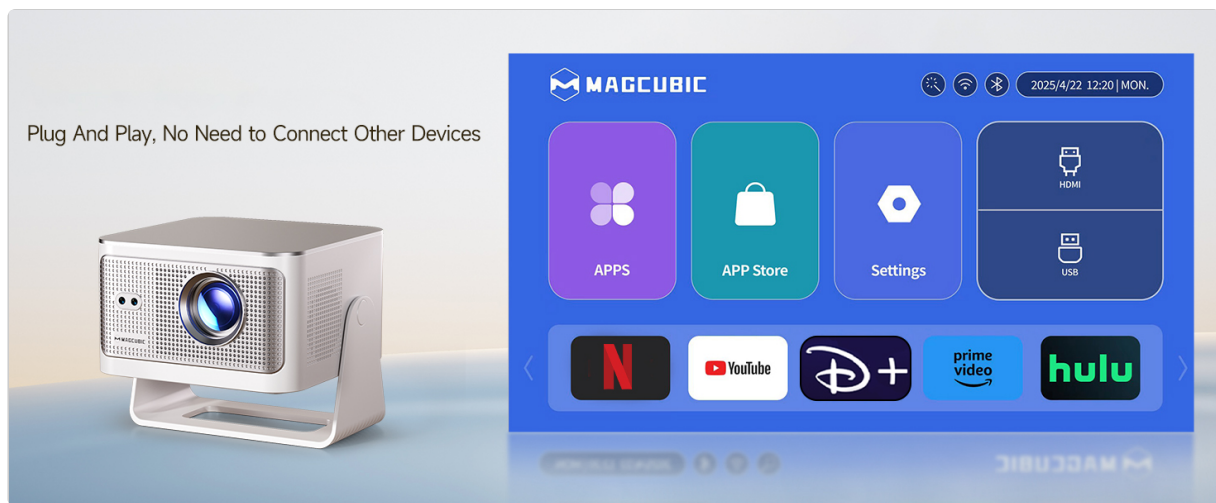


Image 4: Visual representation of the projector's automatic focus and keystone correction, ensuring a clear and rectangular image.

Your browser does not support the video tag.

Video 1: A demonstration of the WEMI X3AQ Native 1080P Projector, showcasing its auto keystone correction and auto focus capabilities, along with its user interface.

4. OPERATING INSTRUCTIONS

4.1 Remote Control Functions

The included Air Mouse remote control combines traditional button control with precise pointer navigation. Key functions include:

- **Power Button:** Turns the projector on/off.
- **Navigation Pad (OK, Up, Down, Left, Right):** For menu navigation and selection.
- **Volume Control:** Adjusts the audio output.
- **Home Button:** Returns to the main menu.
- **Quick Access Buttons:** Direct access to popular streaming apps like Netflix, YouTube, and Prime Video.

4.2 Navigating the User Interface

The projector features a user-friendly interface with pre-installed applications and settings.



Image 5: The projector's main screen, showing icons for pre-installed applications and system settings.

- Use the navigation pad or Air Mouse function on the remote to select desired apps or settings.
- The Google Play Store allows you to download additional applications.

4.3 Connectivity Options

The projector offers multiple ways to connect and stream content:

- **WiFi 6:** Connect to your home network for internet access and streaming.
- **Bluetooth 5.4:** Pair with external Bluetooth speakers or headphones for enhanced audio.
- **Wireless Casting:** Mirror content from your iOS, Android, or Windows devices directly to the projector.
- **HDMI Input:** Connect devices such as laptops, gaming consoles (PS5), TV sticks, or set-top boxes.
- **USB Input:** Play videos, photos, and music directly from a USB flash drive.

Versatile Connectivity

HDMI Port



Laptop



PC



Switch



TV-Stick



PS5

USB Port



USB Stick



Smartphone



Tablet



Mouse



Image 6: Overview of the projector's versatile connectivity, including WiFi 6, Bluetooth 5.4, HDMI, and USB ports.

Your browser does not support the video tag.

Video 2: A seller-provided video demonstrating the smart features of a projector, including WiFi and Bluetooth 5.4 connectivity, and app usage.

4.4 Projection Modes

The projector supports various projection modes to suit your environment:

- **Front Projection:** Standard projection from the front of the screen.
- **Rear Projection:** Projects from behind a translucent screen.
- **Ceiling Front Projection:** Mounted on the ceiling, projecting onto the screen from the front.
- **Ceiling Rear Projection:** Mounted on the ceiling, projecting from behind the screen.

These modes can typically be selected and adjusted within the projector's settings menu.

5. MAINTENANCE

5.1 Cleaning

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Avoid abrasive materials or harsh chemicals.
- **Exterior:** Wipe the projector's exterior with a soft, dry cloth. Do not use liquid cleaners directly on the device.
- **Vents:** Ensure the ventilation openings are clear of dust and debris to prevent overheating. Use a soft brush or compressed air if necessary.

5.2 Software Updates

Periodically check for software updates through the projector's settings menu or the integrated App Store to ensure optimal performance and access to the latest features.

6. TROUBLESHOOTING

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

Problem	Possible Solution
No Power	Check power cord connection, ensure outlet is functional.

Problem	Possible Solution
Blurry Image	Allow Auto Focus to complete. If manual focus is needed (beyond 2.5m), use the remote control.
Distorted Image (Trapezoid)	Allow Auto Keystone Correction to complete. Adjust projector placement if necessary.
No Sound	Check volume levels. Ensure Bluetooth speakers are correctly paired or external audio cables are securely connected.
No Picture from External Device	Verify HDMI/USB cable connections. Select the correct input source in the projector's menu.
Wi-Fi/Bluetooth Disconnection	Restart the projector and your network device. Re-pair Bluetooth devices.

For more detailed troubleshooting, please refer to the comprehensive user manual included with your product or contact customer support.

7. SPECIFICATIONS

Feature	Detail
Model Name	HY350Max
Native Resolution	1920 x 1080 (1080P)
Display Resolution Maximum	4096 x 2160 Pixels (4K/8K Support)
Brightness	600 ANSI Lumens
Contrast Ratio	10000:1 Pixels
Connectivity Technology	Bluetooth 5.4, Wi-Fi 6
Special Features	Auto Focus, Auto Obstacle Avoidance, Auto Screen Alignment, Auto Keystone Correction, Built-In 15W Speaker, Portable
Display Type	LCD
Form Factor	Portable
Mounting Type	Ceiling & Tabletop & Tripod Mount, Wall Mount
Minimum Image Size	40 Inches
Maximum Image Size	140 Inches
Minimum Throw Distance	0.9 Meters

Feature	Detail
Maximum Throw Distance	3.1 Meters
Hardware Connectivity	HDMI, USB
Video Encoding	H.265, VP9
Parcel Dimensions	24.4 x 21.1 x 13.7 cm
Item Weight	1.76 kg
Country of Origin	China

8. WARRANTY AND SUPPORT

Your Magcubic Smart Mini Projector HY350Max comes with a **1-year warranty** from the date of purchase. For technical support, warranty claims, or any product-related inquiries, please contact Magcubic customer service. Refer to the contact information provided in your product packaging or visit the official Magcubic website.