## Magcubic HY350GT

# Magcubic Smart Projector HY350GT User Manual

Model: HY350GT | Brand: Magcubic

## 1. PRODUCT OVERVIEW

The Magcubic Smart Projector HY350GT is a portable projector designed for versatile entertainment and presentation needs. It features 4K support, native 1080P resolution, and a built-in 4K TV stick for direct access to streaming applications. Key functionalities include automatic focus, keystone correction, obstacle avoidance, and screen alignment, ensuring a clear and properly framed image with minimal manual adjustment. Dual-band Wi-Fi and Bluetooth 5.1 provide robust connectivity options for various devices and audio accessories.

## 2. WHAT'S IN THE BOX

- Magcubic Smart Projector HY350GT
- Power Adapter
- Remote Control
- User Manual (this document)

## 3. SETUP INSTRUCTIONS

### 3.1 Initial Placement and Power Connection

Place the projector on a stable, flat surface. The flexible rotating stand allows for projection onto walls or ceilings. Connect the power adapter to the projector's power input port and then to a power outlet.
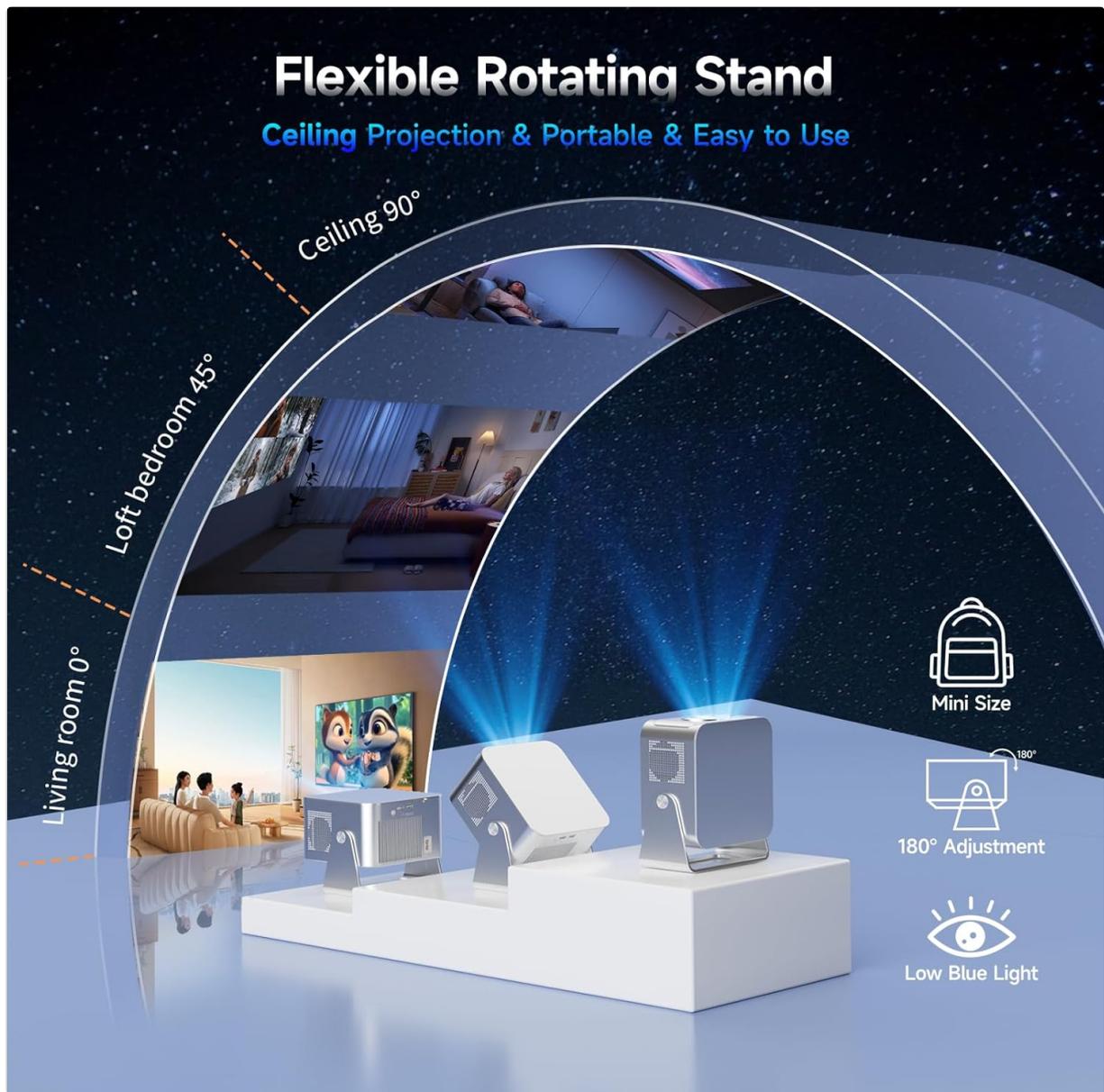
Image: The Magcubic HY350GT projector demonstrating its flexible rotating stand for various projection angles, including walls and ceilings.

### 3.2 Automatic Image Correction

Upon powering on, the projector will automatically perform several corrections:

- **Auto Focus:** The image will automatically sharpen.
- **Auto Keystone Correction:** The image will adjust to be rectangular, even if the projector is at an angle.
- **Auto Obstacle Avoidance:** The projector detects walls and barriers, adjusting the image to avoid interference.
- **Auto Screen Alignment:** The image will align itself to the projection surface.

Image: Visual representation of the projector's automatic screen assist features, including auto focus, keystone correction, obstacle avoidance, and screen alignment.

### 3.3 Network Connection

Navigate to the 'Settings' menu using the remote control. Select 'Network settings' to connect to your Wi-Fi network (2.4G or 5G). This enables access to built-in streaming apps and online content.

## 4. OPERATING INSTRUCTIONS

### 4.1 Remote Control and Voice Assistant

The included remote controls both the projector and the built-in streaming stick. Utilize the Voice Assistant feature by pressing the voice command button to quickly open apps, play movies, adjust volume, or check information.

Image: The projector's main screen showing various streaming apps and the remote control, highlighting its voice assistant capabilities.

## 4.2 Accessing Applications

The projector comes with a built-in 4K TV stick, providing access to a wide range of applications. Navigate to 'My Apps' or the 'Store' to browse and download additional streaming services and utilities.
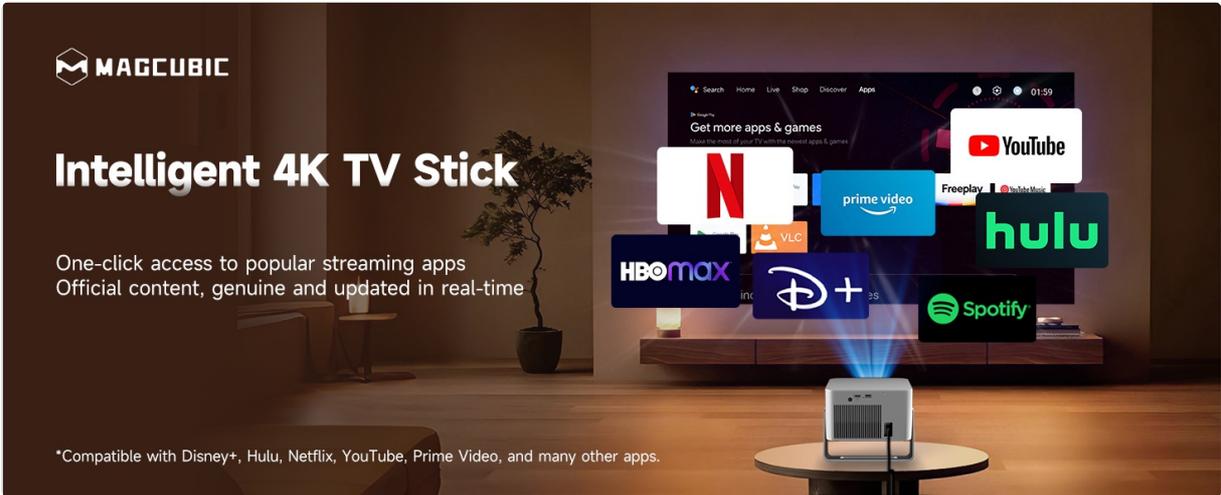


Image: The projector's interface showing pre-installed and downloadable streaming applications.

## 4.3 Projection Settings

In the 'Settings' menu, select 'Projection settings' to fine-tune your display:

- **Device Mode:** Switch between Standard and Energy Saving modes.
- **Installation Mode:** Adjust for front projection, rear projection, or ceiling mounting.
- **Digital Scaling:** Adjust image size from 80% to 100%.
- **Auto Focus:** Toggle automatic focus on/off.
- **Auto Four Corner Correction:** Enable automatic trapezoidal correction.
- **Intelligent Obstacle Avoidance:** Enable automatic image adjustment around obstacles.
- **Screen Recognition:** Enable automatic screen detection and alignment.

## 4.4 Audio Output

The projector features a built-in 15W high-fidelity stereo speaker. For external audio, connect Bluetooth 5.1 compatible speakers or headphones via the 'Bluetooth' setting in the main menu.

## 4.5 External Connectivity

The rear panel of the projector includes:

- **HDMI Port:** Connect external devices such as laptops, gaming consoles (Switch, PS5), TV sticks, tablets, or smartphones.
- **USB Port:** Connect USB storage devices or a mouse for navigation.



Image: Detailed view of the projector's rear ports for HDMI, USB, and power connections.

## 4.6 Screen Mirroring

The projector supports screen mirroring from both Android and iOS devices. Access this feature through the main menu to cast content directly from your phone or tablet.

Image: A smartphone wirelessly casting its screen to the projector, demonstrating the screen mirroring capability.

## 5. MAINTENANCE

- **Lens Cleaning:** Gently wipe the projector lens with a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals.
- **Ventilation:** Ensure the projector's ventilation ports are clear of obstructions to prevent overheating. Do not block the air vents during operation.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

- **No Image:** Ensure the projector is powered on and the correct input source (HDMI, USB, or internal apps) is selected. Check all cable connections.
- **Blurry Image:** Allow the auto-focus feature to complete. If needed, manually adjust focus via the projection settings. Ensure the projection surface is flat.
- **No Sound:** Check the volume level on both the projector and any connected external audio devices. Verify Bluetooth connection if using external speakers.
- **Connectivity Issues:** For Wi-Fi, ensure the network password is correct and the projector is within range. For Bluetooth, ensure the external device is in pairing mode.
- **Image Distortion:** Allow auto keystone correction to complete. If necessary, manually adjust keystone settings in the projection menu.

## 7. SPECIFICATIONS

| Feature | Specification |
| --- | --- |
| Brand Name | Magcubic |
| Model | HY350GT |
| Item Weight | 3.08 pounds |
| Package Dimensions | 9.61 x 8.27 x 5.39 inches |

| Display Resolution | 1920 x 1080 (Native 1080P, 4K Support) |
|---|---|
| Brightness | 650 ANSI Lumens |
| Contrast Ratio | 10,000:1 |
| Color Gamut | 120% |
| Connectivity Technology | Bluetooth 5.1, Dual-Band Wi-Fi (2.4G&5G) |
| Special Features | 15W Speaker, Auto Focus, Auto Keystone Correction, Auto Obstacle Avoidance, Auto Screen Alignment |
| Recommended Uses | Business, Education, Gaming, Home Cinema |

## 8. WARRANTY AND SUPPORT

Magcubic offers a 30-day return guarantee for this product. Additionally, 24-hour live customer support and lifetime technical support are included to assist with any inquiries or issues.