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› Magcubic HY320F Soccer Projector User Manual

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Model: HY320F

1. INTRODUCTION

Thank you for choosing the Magcubic HY320F Soccer Projector. This portable mini projector features a unique soccer ball design, native 1080P resolution with 4K support, WiFi 6, Bluetooth 5.4, and runs on Android 14. It is designed for versatile entertainment, including home theater, outdoor movie nights, and gaming. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your projector to ensure optimal performance and longevity.



Image 1.1: The Magcubic HY320F Soccer Projector, showcasing its unique design.

2. PACKAGE CONTENTS

Before proceeding, please verify that all items are present in the package:

- Magcubic HY320F Projector
- Power Adapter
- Remote Control
- User Manual (this document)

3. SETUP GUIDE

3.1 Placement and Ventilation

Position the projector on a stable, flat surface. Ensure adequate space around the projector for proper ventilation. Do not block the air vents. The 180° rotatable design allows for flexible projection onto walls, ceilings, or floors.



Image 3.1: Various installation methods including ceiling mount, tripod mount, and tabletop use.

3.2 Power Connection

Connect the power adapter to the projector's DC input port and then plug the adapter into a power outlet. The projector will power on automatically or can be turned on using the power button on the device or remote control.

3.3 Focus and Keystone Correction

The projector features electric focus for instant clarity. Use the remote control to adjust the focus. Auto Vertical Keystone correction automatically adjusts the image shape. Manual 4P Keystone adjustment is also available for fine-tuning.

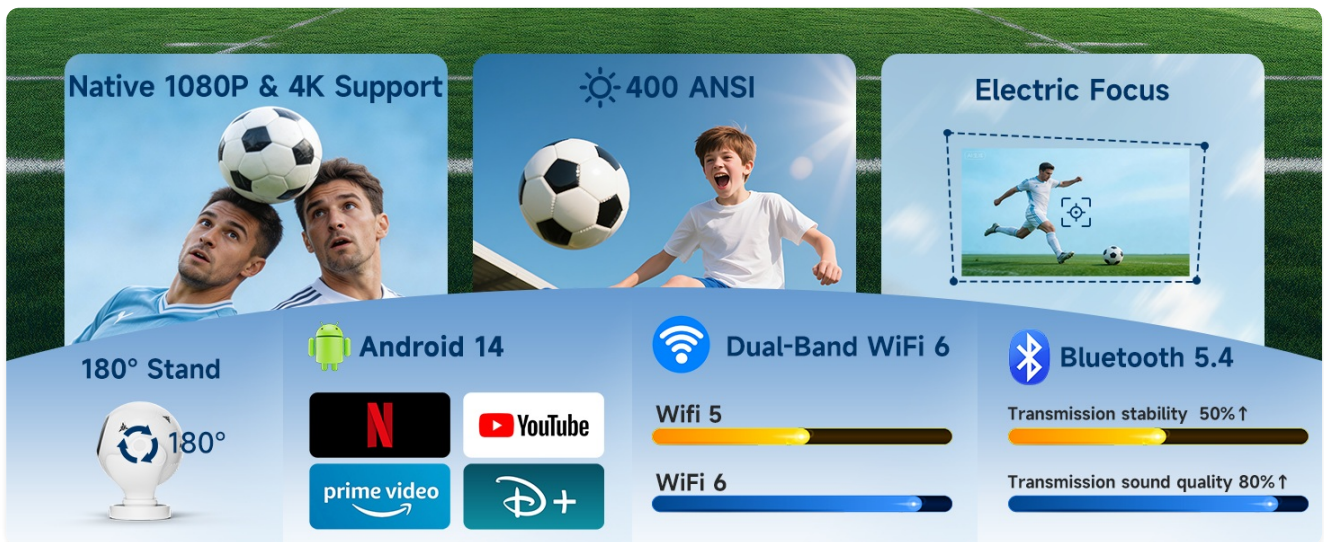


Image 3.2: Demonstrates electric focus, auto vertical correction, manual 4P keystone, and zoom functions.

3.4 Projection Distance and Screen Size

The projector has a 0.8:1 short throw ratio. For an 80-inch screen, a distance of approximately 1.6 meters (5.2 feet) is recommended. The maximum image size is 140 inches.



Image 3.3: Guide for projection distances and corresponding screen sizes.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button on the projector or the remote control to turn the device on or off.

4.2 Android 14 Smart System

The projector runs on Android 14, providing access to various streaming applications and a voice assistant. Navigate the interface using the remote control.



Image 4.1: The Android 14 interface and voice assistant functionality.

4.3 Connectivity

The projector supports multiple connectivity options:

- **WiFi 6 (Dual-Band 2.4G/5G):** Connect to your wireless network for streaming content.
- **Bluetooth 5.4:** Pair with external speakers, headphones, or game controllers.
- **HDMI Port:** Connect laptops, gaming consoles (Switch, PS5), TV sticks, and other HDMI-enabled devices.
- **USB Port:** Connect USB drives for media playback or a mouse for easier navigation.

How to Use the Air Mouse Remote

1. Turn on bluetooth
2. Press and hold both buttons simultaneously to pair
3. Press the "🖱️" icon on the remote
4. Simply wave your wrist to use the air mouse remote

Image 4.2: Illustrates WiFi 6 and Bluetooth 5.4 capabilities for seamless streaming and pairing.

Compact Football Design, Fits Anywhere

Easy to move from room to room or take to a friend's place for the big game

Image 4.3: Rear view of the projector showing HDMI and USB ports, compatible with various devices.

4.4 Screen Mirroring

The projector supports wireless screen mirroring from iOS and Android devices. Refer to the on-screen instructions for specific steps to connect your smartphone or tablet.

4.5 Remote Control Usage

The included remote control functions as an air mouse for intuitive navigation. To use the air mouse feature:

1. Ensure Bluetooth is turned on in the projector settings.
2. Press and hold both the 'OK' and 'Back' buttons simultaneously on the remote to pair it.
3. Once paired, press the mouse icon button on the remote.
4. Wave your wrist to control the on-screen cursor.



Image 4.4: Step-by-step guide for pairing and using the air mouse remote control.

5. MAINTENANCE

5.1 Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Avoid using abrasive cleaners or excessive force, as this can scratch the lens.

5.2 Ventilation

Regularly check that the projector's ventilation ports are clear of dust and debris. Blocked vents can lead to overheating and reduced performance. Use a soft brush or compressed air to clean the vents if necessary.

5.3 General Care

Store the projector in a cool, dry place when not in use. Protect it from direct sunlight, extreme temperatures, and high humidity. Avoid dropping or subjecting the projector to strong impacts.

6. TROUBLESHOOTING

If you encounter issues with your Magcubic HY320F projector, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Power cable not connected; Power outlet faulty; Projector off.	Ensure power cable is securely connected. Test power outlet. Press power button on projector or remote.
No Image	Input source incorrect; HDMI cable loose/faulty; Lens cap on.	Select correct input source. Check HDMI cable connection. Remove lens cap.
Blurry Image	Focus not adjusted; Keystone not corrected; Lens dirty.	Adjust electric focus using remote. Perform auto or manual keystone correction. Clean the lens.
No Sound	Volume too low; External audio device not connected; Muted.	Increase volume. Check Bluetooth/HDMI audio settings. Unmute the projector.

Problem	Possible Cause	Solution
WiFi/Bluetooth Connectivity Issues	Out of range; Interference; Incorrect password.	Move closer to router/device. Reduce interference. Re-enter password. Restart projector and router/device.

7. SPECIFICATIONS

Below are the technical specifications for the Magcubic HY320F Projector:

Feature	Specification
Model	HY320F
Native Resolution	1280 x 720 (Supports 1080P, 4K decoding)
Brightness	400 ANSI Lumens (8000 Lumens)
Contrast Ratio	10000:1
Operating System	Android 14
Wireless Connectivity	WiFi 6 (Dual-Band), Bluetooth 5.4
Focus	Electric Focus
Keystone Correction	Auto Vertical Keystone, Manual 4P Keystone
Throw Ratio	0.8:1 (Short Throw)
Projection Size	40-140 Inches (Recommended 80 inches at 1.6m)
Light Source Life	5000 Hours
Built-in Speaker	5W
Ports	HDMI, USB
Dimensions (L x W x H)	14 x 17.2 x 16.5 cm
Weight	544 g
Power Input	220V

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Magcubic HY320F Projector comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Magcubic customer support. Response is

typically provided within 24 hours. Lifetime support is available for this product.

Manufacturer: Magcubic