

## HY300 Pro

# Generic HY300 Pro Mini Projector User Manual

Model: HY300 Pro

## 1. INTRODUCTION

Thank you for purchasing the Generic HY300 Pro Mini Projector. This manual provides essential information for setting up, operating, and maintaining your device. Please read it thoroughly before use to ensure optimal performance and longevity.

### Package Contents

Verify that all items are present in your package:

- HY300 Pro Mini Projector
- Remote Control
- Power Cord
- User Manual (this document)



Image 1.1: Contents of the HY300 Pro Mini Projector package.

## 2. PRODUCT OVERVIEW

The HY300 Pro is a portable mini projector designed for various entertainment and presentation needs. It features an Android 11 operating system, dual-band Wi-Fi 6, Bluetooth 5.0, and automatic keystone correction.



Image 2.1: Front view of the HY300 Pro Mini Projector.

## Key Features

- **Operating System:** Android 11 for smooth operation and app access.
- **Wireless Connectivity:** Dual-band Wi-Fi 6 (2.4G/5.8G) and Bluetooth 5.0.
- **Projection:** Native 1280x720P resolution, supports 4K video input, 260 ANSI lumens brightness.
- **Adjustments:** 180-degree rotatable stand, manual focus, automatic vertical keystone correction.
- **Audio:** Built-in 5W HiFi speaker.
- **Screen Size:** Projects images from 35 to 130 inches.
- **Processor:** Allwinner H713 Quad-core ARM Cortex-A53 CPU with Mali-G31 GPU.

## 3. SETUP

### 3.1 Power Connection

1. Connect the power cord to the projector's power input port.
2. Plug the other end of the power cord into a standard electrical outlet.

3. The projector will typically power on or enter standby mode.

## 3.2 Initial Placement

Position the projector on a stable, flat surface. The 180-degree rotatable stand allows for flexible placement, including projecting onto ceilings or walls at various angles.

## 3.3 Connecting External Devices

The projector supports HDMI and USB inputs for connecting external media sources.

- **HDMI:** Connect an HDMI cable from your source device (e.g., laptop, gaming console, streaming stick) to the HDMI port on the projector.
- **USB:** Insert a USB drive into the USB port to play media files directly.

## 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 11 System Navigation

Upon startup, the projector will display the Android 11 interface. Use the remote control to navigate through menus, select applications, and adjust settings. The system provides access to an app store for additional applications.

### 4.3 Wi-Fi Connection

To access online content and streaming services, connect the projector to a Wi-Fi network:

1. Go to the 'Settings' menu on the Android interface.
2. Select 'Network & Internet'.
3. Turn on Wi-Fi and select your desired network from the list.
4. Enter the password if prompted and connect. The projector supports 2.4G/5.8G dual-band Wi-Fi 6.

### 4.4 Bluetooth Pairing

The projector features Bluetooth 5.0 for connecting external audio devices such as speakers or headphones. Note that it does not support connecting smartphones or laptops via Bluetooth for screen mirroring.

1. Go to the 'Settings' menu.
2. Select 'Connected Devices' or 'Bluetooth'.
3. Turn on Bluetooth.
4. Put your Bluetooth audio device into pairing mode.
5. Select your device from the list of available devices to pair.

### 4.5 Projection Adjustments

To optimize your viewing experience, adjust the projection settings:

- **Manual Focus:** After the projector boots up, manually adjust the focus ring on the projector lens until the image is clear.
- **Auto Keystone Correction:** The projector features automatic vertical keystone correction, which adjusts the image shape up and down to compensate for angled projection. Horizontal keystone correction is not automatically adjusted and may require manual positioning of the projector.
- **Screen Size:** The projector can project images from 35 to 130 inches. Adjust the distance from the projection surface to achieve the desired screen size. The projector also has a 50% zoom function accessible via

settings.

- **180-Degree Rotation:** Utilize the integrated rotatable stand to adjust the projection angle, allowing for projection onto ceilings or various wall positions.

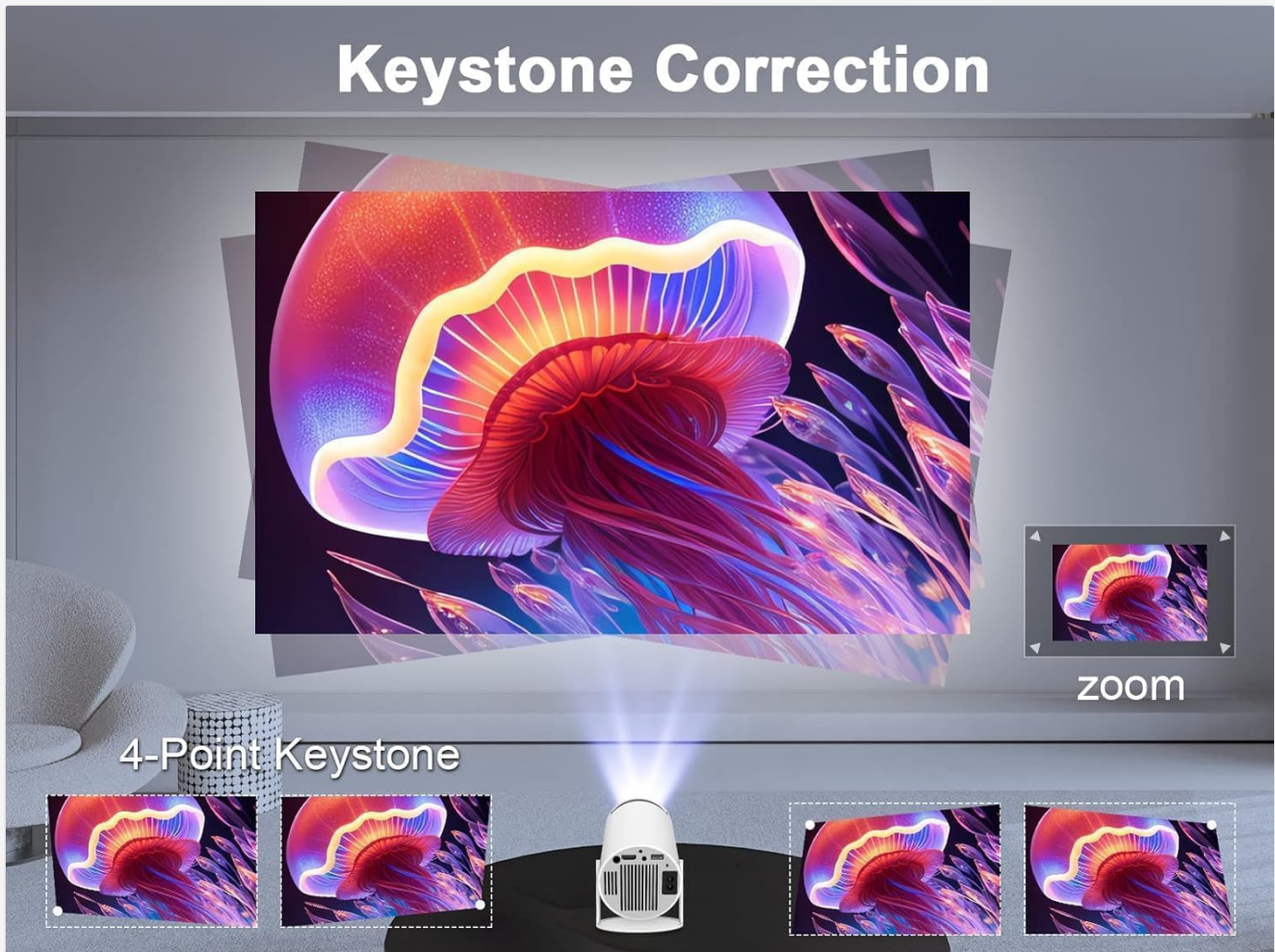


Image 4.1: Illustration of automatic keystone correction.

## 5. CONNECTIVITY

The HY300 Pro Mini Projector offers multiple connectivity options:

- **HDMI Input:** For connecting various media players, laptops, and gaming consoles.
- **USB Input:** For direct playback of media files from USB storage devices.
- **Wi-Fi 6 (2.4G/5.8G):** For high-speed wireless internet access and screen mirroring from compatible devices.
- **Bluetooth 5.0:** For connecting wireless audio output devices.

## 6. MAINTENANCE

### 6.1 Cleaning

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. 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.
- **Ventilation:** Ensure the ventilation openings are clear of dust and obstructions to prevent overheating.

### 6.2 Storage

When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. If

possible, use the original packaging for protection.

## 7. TROUBLESHOOTING

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

Problem	Possible Solution
No image displayed	Ensure the projector is powered on. Check all cable connections (HDMI, power). Select the correct input source.
Image is blurry	Adjust the manual focus ring on the lens. Ensure the projection surface is flat and the projector is at an appropriate distance.
Image is distorted (trapezoid shape)	The projector has auto vertical keystone correction. Ensure the projector is placed as directly as possible in front of the screen. For horizontal distortion, reposition the projector.
No sound	Check the volume settings on the projector and the source device. Ensure external Bluetooth speakers are properly paired and selected as the audio output.
Wi-Fi connection issues	Ensure the Wi-Fi network is active and the password is correct. Try restarting the projector and your Wi-Fi router.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Generic
Model Number	HY300 Pro
Optical Resolution	1280 x 720 dpi (Native)
Supported Resolution	Up to 4K
Brightness	260 ANSI Lumens
Contrast Ratio	3001:1-4000:1
Operating System	Android 11
CPU	Allwinner H713 Quad-core ARM Cortex-A53
GPU	Mali-G31 (Support OpenGL ES3.2, Vulkan 1.1, OpenCL2.0)
RAM/ROM	1GB RAM + 8GB Storage
Wi-Fi	Wi-Fi 6 (2.4G/5.8G Dual Band, IEEE802.a/b/g/n/ac/ax)
Bluetooth	BT 5.0
Keystone Correction	Auto Vertical Correction
Projection Size	35-130 inches

Feature	Detail
Projection Distance	1.2-4 meters
Speaker	Built-in 5W HiFi speaker
Input/Output	HDMI, USB
Weight	0.7 kg

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

