DITONG HY300 PLUS

DITONG HY300 Plus HD Projector User Manual

Model: HY300 PLUS

1. INTRODUCTION

Welcome to the DITONG HY300 Plus HD Projector user manual. This guide will help you set up, operate, and maintain your new projector. The HY300 Plus is a portable projector equipped with Android 11 and dual-band WiFi 6, offering a seamless and high-quality viewing experience for movies, presentations, and more, both indoors and outdoors.

2. PRODUCT OVERVIEW

2.1 Components

The DITONG HY300 Plus projector package typically includes the following items:

- DITONG HY300 Plus Projector
- Power Adapter
- Remote Control

Image: The DITONG HY300 Plus projector in white, accompanied by its black remote control and a protective cover for the lens.

2.2 Key Features

- **Android 11 OS:** Built-in smart operating system for direct access to streaming apps without external devices.
- **Dual-band WiFi 6 (5G + 2.4G):** Ensures faster and more reliable wireless connectivity for smooth streaming and screen mirroring.
- **Electronic Focus:** Easily adjust image clarity using the remote control.
- **4K Decoding & 720P Native Resolution:** Supports 4K video input with a native resolution of 1280x720P for clear images.
- **Auto Keystone Correction:** Automatically adjusts image distortion for a perfectly rectangular picture.
- **180° Flexible Projection Angle:** Allows projection onto walls, ceilings, or floors.
- **Low Noise Operation:** Operates at less than 25dB for a quiet viewing experience.
- **High Brightness:** 8000 Lux (250 ANSI lumens) for vivid and bright images.
- **Multiple Aspect Ratios:** Supports 16:9, 4:3, and 16:10.
- **Bluetooth Connectivity:** For connecting external audio devices.

Image: An overview of the DITONG HY300 Plus features, including electronic focus, Bluetooth 5.0, 4K decoding, 720P native resolution, WiFi 5G/2.4G, and auto keystone correction.

Image: A demonstration of the electronic focus feature, showing a clear image projected onto a screen with the projector and remote control in the foreground.

Image: Illustrates the 180-degree flexible projection angle, showing the projector casting an image onto a wall and a ceiling in a bedroom setting.

Image: Depicts the dual-band WiFi 5G/2.4G capability, showing a fast connection for screen mirroring with a projected image of a car chase.

Image: Illustrates the low noise level of the projector, comparing its sound output to common ambient noises like whispering and a motorcycle passing.

3. SETUP

3.1 Unboxing and Inspection

Carefully remove all components from the packaging. Inspect for any signs of damage. If any items are missing or damaged, contact customer support immediately.

3.2 Power Connection

1. Connect the power adapter to the projector's power input port.
2. Plug the power adapter into a suitable electrical outlet.

3.3 Initial Power On

Press the power button on the projector or the remote control to turn on the device. The projector will boot up, displaying the Android 11 interface.

3.4 Placement and Projection Distance

Position the projector on a stable, flat surface. For optimal viewing, consider the projection distance:

- For a 130-inch display, an optimal projection distance is approximately 1.68 meters.
- The projector supports various screen sizes from 40 inches to 130 inches depending on distance.
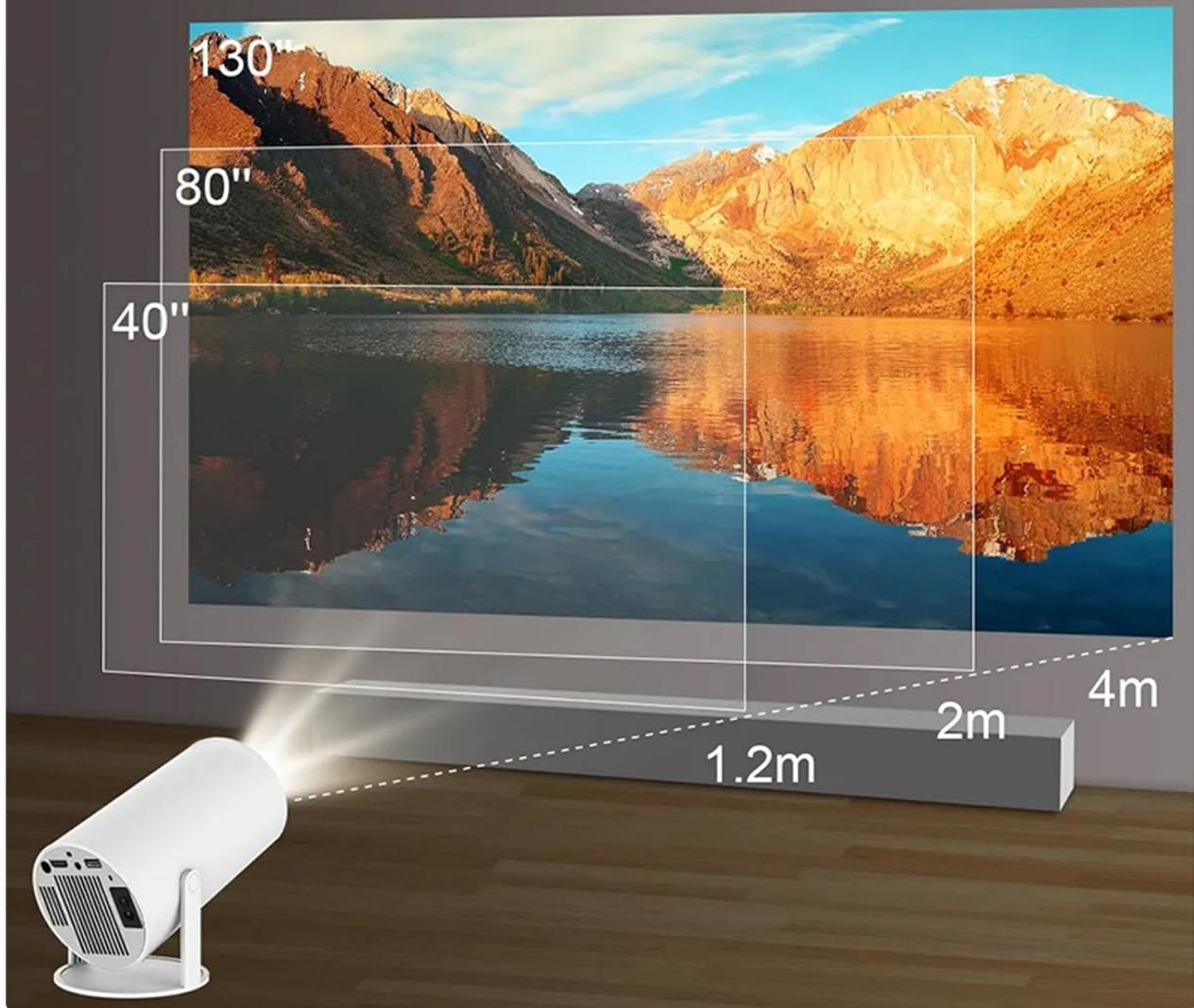
Image: A diagram illustrating optimal projection distances for different screen sizes, showing that 1.68 meters is ideal for a 130-inch display.

3.5 Mounting Options

The HY300 Plus is designed for versatile placement:

- **Portable Use:** Place it on a table or flat surface.
- **Ceiling Mount:** The bottom of the projector features a 1/4-inch screw hole, compatible with standard ceiling mounts or camera tripods.

upgrade suporta elevação

A parte inferior da máquina contém um orifício de parafuso de 1/4 de polegada, que suporta Suportes de chão, Suportes de câmera digital e Suportes de elevação para atender às suas necessidades de uso diário

1/4 inch screw hole

Image: The projector shown mounted to a ceiling, highlighting the 1/4-inch screw hole for various mounting solutions.

4. OPERATING INSTRUCTIONS

4.1 Remote Control Functions

Use the included remote control to navigate the projector's interface. Key functions include:

- Power On/Off
- Navigation (Up, Down, Left, Right, OK)
- Back/Home buttons
- Volume Control
- Focus Adjustment

Image: The DITONG HY300 Plus projector with its remote control, demonstrating the electronic focus feature.

4.2 Electronic Focus Adjustment

To adjust the image clarity:

1. Point the remote control at the projector.
2. Press the dedicated focus buttons (usually marked with a circle or 'F' icon) on the remote to sharpen the image.

4.3 Automatic Keystone Correction

The HY300 Plus features automatic keystone correction. When the projector is moved or angled, it will automatically adjust the image to maintain a rectangular shape. Manual adjustments are typically not required.

4.4 Connecting External Devices

- **HDMI:** Connect laptops, gaming consoles, or other HDMI-enabled devices using an HDMI cable.
- **Screen Mirroring (WiFi):** Connect your smartphone or tablet wirelessly via WiFi for screen mirroring. Ensure both devices are connected to the same WiFi network.

Image: A family watching a football game projected onto a screen, with a smartphone in the foreground demonstrating wireless screen mirroring.

4.5 Navigating Android 11

The projector's smart interface allows you to download and use various applications. Use the remote control to navigate through menus, select apps, and adjust settings. Connect to your home WiFi network to access online content.

4.6 Audio Output

The projector has built-in speakers. For enhanced audio, you can connect external Bluetooth speakers or headphones via the Bluetooth interface.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector.

- **Lens Cleaning:** Gently wipe the projector lens with a soft, lint-free cloth or a lens cleaning brush. Avoid

abrasive materials that could scratch the lens.

- **Ventilation:** Ensure the projector's ventilation ports are clear of dust and 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. Use the protective cover if provided.

6. TROUBLESHOOTING

If you encounter issues with your DITONG HY300 Plus projector, refer to the following common problems and solutions:

- **No Image:**
  - Ensure the power adapter is securely connected and the projector is powered on.
  - Check the input source. Make sure the correct HDMI or mirroring input is selected.

- **Blurry Image:**
  - Use the remote control to adjust the electronic focus.
  - Ensure the projection surface is flat and the projector is stable.

- **No Sound:**
  - Check the volume level on the projector and the connected device.
  - If using external speakers, ensure they are properly connected via Bluetooth.

- **WiFi Connectivity Issues:**
  - Ensure the projector is within range of your WiFi router.
  - Restart the projector and your WiFi router.
  - Verify the WiFi password is entered correctly.

If the problem persists, please contact DITONG customer support for further assistance.

7. SPECIFICATIONS

Below are the detailed specifications for the DITONG HY300 Plus HD Projector:

Feature	Specification
Brand	DITONG
Model	HY300 PLUS
Operating System	Android 11
Wireless Connectivity	Dual-band WiFi 6 (5G + 2.4G)
Bluetooth	Yes
Display Technology	LCD
Brightness	8000 Lux (250 ANSI lumens)
Native Resolution	1280 x 720P

Feature	Specification
Supported Resolution	Up to 4K
Aspect Ratio	16:9, 4:3, 16:10
Refresh Rate	60 Hz
Focus	Electronic Focus
Keystone Correction	Automatic
Compatible Devices	Smartphones, devices with HDMI output
Connector Type	Bluetooth, HDMI, Wifi
Form Factor	Portable
Mounting Type	Ceiling Mount
Product Weight	2.27 g
Voltage	1.2E+2 Volts

Image: A comparison table highlighting the differences between the HY300 Plus and the original HY300, showing the Plus model has 300 ANSI lumens, electronic focus, and a support bracket.

8. WARRANTY AND SUPPORT

The DITONG HY300 Plus Projector comes with a manufacturer's warranty. Please refer to the product packaging or the official DITONG website for specific warranty terms and conditions.
For technical support, troubleshooting assistance, or warranty claims, please contact DITONG customer service through the contact information provided with your purchase or on the official DITONG support channels.

Related Documents - HY300 PLUS

	DITONG HY300 Smart Projector Quick Installation Guide A comprehensive quick installation guide for the DITONG HY300 Smart Projector, detailing setup, remote control functions, application management, network and language settings, connectivity options (Wi-Fi, Bluetooth, Miracast, Airplay), audio and projection adjustments, and essential safety precautions.
	Magcubic HY300 Smart Projector User Manual User manual for the Magcubic HY300 Smart Projector, covering setup, features, settings, connectivity (Miracast, Airplay), safety, and FCC information. Learn to navigate menus and optimize your projector experience.
	Magcubic HY300 Smart Projector User Manual This document provides a comprehensive user manual for the Magcubic HY300 Smart Projector, covering setup, features, safety instructions, and troubleshooting.
	Magcubic HY320 Smart Projector: Quick Installation Guide Comprehensive quick installation and user guide for the Magcubic HY320 Smart Projector. Learn about setup, remote functions, connectivity options (Wi-Fi, Bluetooth, Miracast, Airplay), settings, and essential safety precautions. Optimize your home theater experience with this detailed manual.
	LQWELL HY300 Mini Projector User Manual Comprehensive user manual for the LQWELL HY300 Mini Projector, covering setup, features, and troubleshooting. Learn how to connect devices, navigate settings, and optimize your viewing experience.