

Kimwood HY300 Ultra

Kimwood HY300 Ultra Mini Portable Projector User Manual

Model: HY300 Ultra | Brand: Kimwood

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Kimwood HY300 Ultra Mini Portable Projector. Please read this guide thoroughly before using the product and retain it for future reference.



Image: The Kimwood HY300 Ultra Mini Portable Projector, a compact white device, projects a vibrant screen showing logos for popular streaming services like YouTube, Prime Video, Hulu, and HBO Max, highlighting its built-in app capabilities. Icons for 1080P/4K support, auto keystone, built-in speakers, 0.8:1 ultra short throw ratio, and WiFi 6 + Bluetooth 5.4 are also visible.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Kimwood HY300 Ultra Mini Portable Projector
- Power Cord
- Remote Control (AAA batteries not included)
- User Manual (this document)

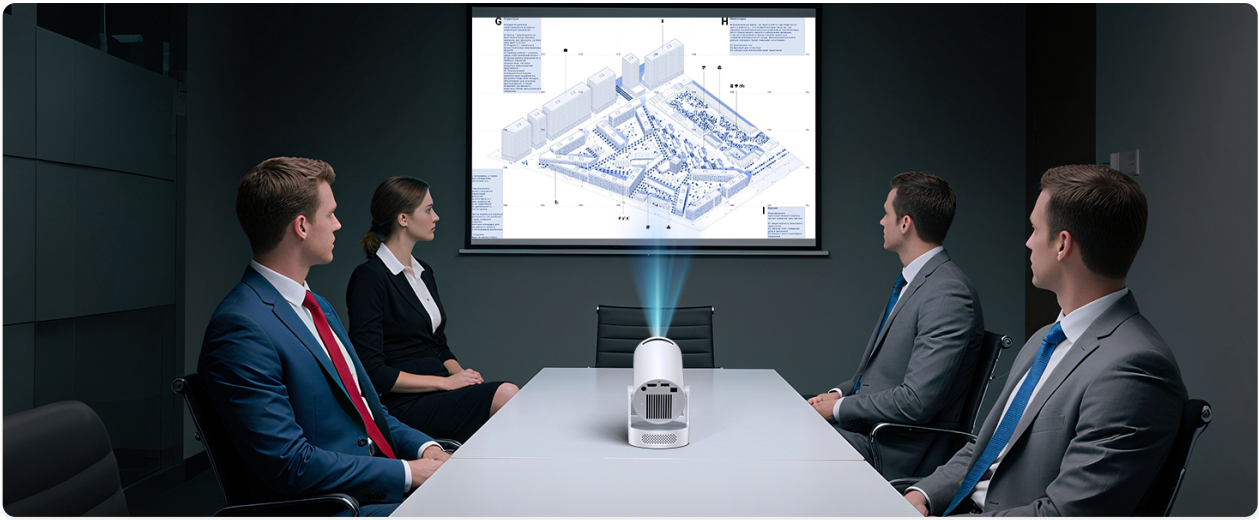


Image: The Kimwood HY300 Ultra Mini Portable Projector, its power adapter, remote control, and user manual are neatly arranged on a dark surface, illustrating the complete package contents.

PRODUCT OVERVIEW

The Kimwood HY300 Ultra is designed for versatility and ease of use. Key features include:

- **Ultra Short Throw Ratio (0.8:1):** Projects a large image from a short distance, ideal for small spaces.
- **Built-in Android TV Apps:** Access streaming services directly without external devices.
- **Dual Band Wi-Fi 6 & Bluetooth 5.4:** Ensures stable, fast streaming and flexible audio connections.
- **Dedicated HiFi Speaker:** Provides clear and rich audio output.
- **Automatic Vertical Keystone Correction:** Effortlessly adjusts image alignment.
- **Low Noise Operation:** Operates at ≤ 25 dB for minimal distraction.
- **Compact and Portable Design:** 60% smaller than standard portable models for easy transport.
- **Flexible 180° Projection Angle:** Allows projection on walls, ceilings, or floors.

Ports and Controls

The projector features various ports for connectivity:

- **HDMI Input:** For connecting external media devices like gaming consoles, laptops, or TV boxes.
- **USB Port:** For connecting USB drives for media playback or other USB accessories.
- **3.5mm Audio Jack:** For connecting external headphones or speakers via a wired connection.
- **Power Input:** For connecting the power cord.
- **Manual Focus Slider:** Located near the lens for fine-tuning image sharpness.



Image: A close-up of the rear of the Kimwood HY300 Ultra Mini Portable Projector, highlighting its various connectivity options including HDMI, USB, and audio jack, along with the power input. The image also shows the projector's compact design and integrated stand.

SETUP

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 suitable electrical outlet.
3. Press the power button on the projector or remote control to turn on the device.

Ultra-Long Lamp Life

Watch more, worry less — the ultra-long lamp life keeps your projector running for years



Image: A visual guide illustrating the wired connectivity options of the Kimwood HY300 Ultra Projector, including HDMI and USB ports, and emphasizing the use of genuine HDMI cables for optimal performance.

2. Initial Setup (Wi-Fi & Bluetooth)

Upon first use, follow the on-screen prompts to connect to your Wi-Fi network and pair Bluetooth devices.

- Navigate to the "Settings" menu using the remote control.
- Select "Network & Internet" to connect to your Wi-Fi 6 network for fast and stable streaming.
- Select "Bluetooth" to pair with external Bluetooth speakers or other compatible devices (Bluetooth 5.4 supported).



Bluetooth 5.4 Ensures Fast and Flexible Pairing

Image: A couple enjoys content projected by the Kimwood HY300 Ultra, illustrating its stable and ultra-fast Dual-Band WiFi 6 connectivity for smooth streaming with minimal buffering.

3. Focus Adjustment

Adjust the manual focus slider located near the projector lens until the image appears sharp and clear on the projection surface.

4. Keystone Correction

The projector features automatic vertical keystone correction. If the image appears distorted (trapezoidal), the projector will automatically adjust it for a perfectly aligned rectangular screen. Manual 4-point correction is also available in the settings for fine-tuning.

Auto Keystone Correction



50-100% Digital Scaling



4-Point Correction



Flexible Focus



Manual Focus



180° Projection Angle



Image: The Kimwood HY300 Ultra Mini Portable Projector is shown projecting an image onto a wall, with diagrams illustrating its auto keystone correction, 50-100% digital scaling, 4-point correction, and flexible focus capabilities. The projector's 180° projection angle is also highlighted.

5. Placement Options

The integrated 180° rotating stand allows for flexible placement. You can project onto walls, ceilings, or floors. For optimal viewing, ensure the projection surface is flat and free from obstructions.

Massive App Compatibility for Endless Entertainment

Stream Seamlessly from Different Apps for a Superior Viewing Experience

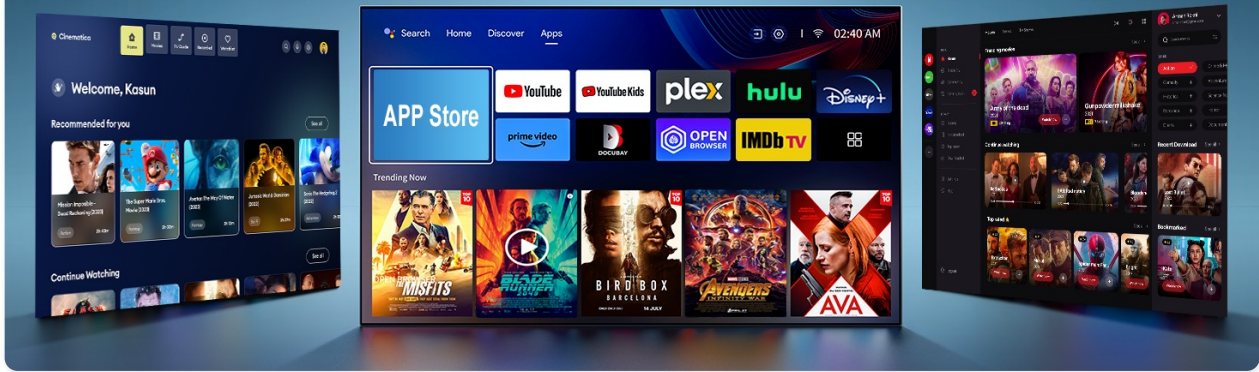


Image: A diagram illustrating the flexible 180-degree screen rotation of the Kimwood HY300 Ultra Projector, showing how it can project images onto various surfaces like walls and ceilings from different angles.

OPERATING

1. Built-in Apps

The projector comes with pre-installed Android TV apps, including YouTube, Prime Video, and Hulu. Access these directly from the home screen. You can also download additional apps from the app store.

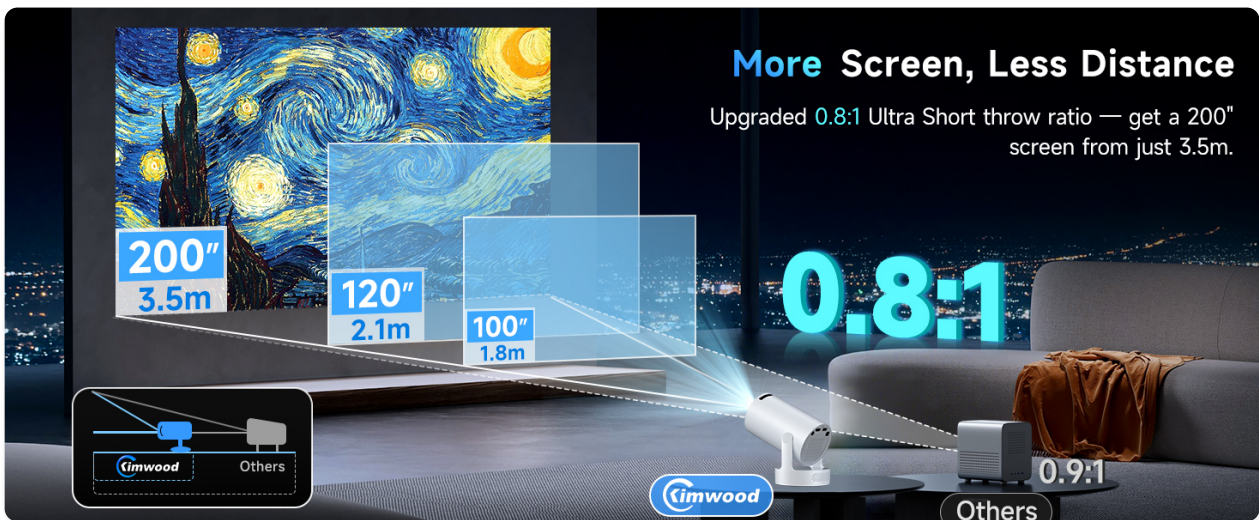


Image: The Kimwood HY300 Ultra Projector's interface is shown with various streaming apps and settings, demonstrating its massive app compatibility for endless entertainment.

2. Connecting External Devices

- **HDMI:** Connect your device to the HDMI port using an HDMI cable. Select "HDMI" as the input source from the projector's menu.
- **USB:** Insert a USB drive into the USB port. Navigate to the "Media" section on the projector's home screen to browse and play content.

3. Screen Mirroring (Wired/Wireless)

The projector supports screen mirroring from smartphones and other compatible devices. Refer to your device's instructions for initiating screen mirroring and select the appropriate option (Wired Screen or Wireless Screen) on the projector.

4. Audio Output

The projector features a dedicated HiFi speaker for clear audio. For enhanced audio, connect external speakers via Bluetooth 5.4 or the 3.5mm audio jack.



Image: A visual comparison highlighting the Kimwood HY300 Ultra's dedicated audio module for clearer sound versus a shared vent design that can distort sound output, emphasizing its upgraded independent speaker system.

MAINTENANCE

1. Cleaning

- Use a soft, dry cloth to clean the exterior of the projector.
- For the lens, use a lens cleaning cloth and specialized lens cleaning solution. Avoid abrasive materials.
- Ensure ventilation grilles are free from dust to maintain optimal cooling.

2. Lamp Life

The projector lamp has an ultra-long life of over 40,000 hours, ensuring years of reliable use.



Image: A cutaway diagram of the Kimwood HY300 Ultra Projector's lens system, highlighting its ultra-long lamp life of over 40,000 hours for extended viewing pleasure.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Power not connected, incorrect input source, device not powered on.	Check power connection, select correct input source (HDMI, USB), ensure connected device is on.
Blurry image	Incorrect focus, projector too close/far from screen.	Adjust the manual focus slider. Ensure optimal projection distance (e.g., 1.5m for 86" image).
Distorted image (trapezoid)	Projector not perpendicular to the screen.	The projector has automatic vertical keystone correction. If needed, use manual 4-point correction in settings.
No sound	Volume too low, external speaker not connected/paired, incorrect audio output selected.	Increase volume. Check Bluetooth connection for external speakers or ensure 3.5mm cable is properly connected. Verify audio settings.
Wi-Fi/Bluetooth connectivity issues	Out of range, interference, incorrect password.	Ensure projector is within range of router/Bluetooth device. Check Wi-Fi password. Restart projector and router.

SPECIFICATIONS

Feature	Detail
Brand	Kimwood
Model	HY300 Ultra
Display Type	LED

Feature	Detail
Native Resolution	1280 x 720 Pixels
Supported Resolution	1920 x 1080 Pixels (1080P/4K HD clarity)
Image Contrast Ratio	10000:1
Aspect Ratio	16:9
Throw Ratio	0.8:1 (Ultra Short Throw)
Connectivity Technology	HDMI, USB, Dual Band Wi-Fi 6, Bluetooth 5.4
Compatible Devices	Bluetooth Speaker, PS5/Switch, Smartphone, TV Box, USB drives
Special Features	Built-in Apps, Independent Speaker Design, Automatic Vertical Keystone Correction, Low Noise (≤ 25 dB), 180° Projection Angle, Portable
Noise Level	≤ 25 Decibels
Lamp Life	>40,000 Hours
Product Dimensions	9.5 x 9.5 x 17 cm; 678 g

WARRANTY AND SUPPORT

Kimwood offers 2 years of worry-free support for your projector. If you encounter any questions or issues, please contact our customer support team for fast and hassle-free assistance.

- **365-Day Quality Warranty**
- **Lifetime Technical Assistance**
- **24/7 Rapid Response Team**



Image: A friendly customer support representative is shown, symbolizing Kimwood's commitment to customer satisfaction with a 365-day quality warranty, lifetime technical assistance, and a 24/7 rapid response team.