## Vamvo YG300 Pro

# Vamvo YG300 Pro Mini Projector User Manual

Model: YG300 Pro

### INTRODUCTION

Welcome to the user manual for your Vamvo YG300 Pro Mini Projector. This compact and portable projector is designed to provide a versatile home cinema experience, supporting full HD 1080p resolution and offering multiple connectivity options. This manual will guide you through the setup, operation, maintenance, and troubleshooting of your device to ensure optimal performance and enjoyment.

The Vamvo YG300 Pro (also referred to as L2600 in some upgrades) is an enhanced version of the YG300, featuring improved brightness and contrast for a superior viewing experience. Its lightweight design makes it ideal for various scenarios, from family movie nights to outdoor entertainment.

### IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before using the projector. Failure to follow these instructions may result in fire, electric shock, or other injuries.

- Do not block ventilation openings. Ensure adequate airflow around the projector to prevent overheating.
- Do not expose the projector to rain or moisture to avoid electric shock.
- Use only the power adapter supplied with the projector or a compatible power source as specified.
- Avoid looking directly into the projector lens when the lamp is on, as the bright light can cause eye strain or damage.
- Keep the projector away from heat sources and direct sunlight.
- Do not attempt to disassemble or modify the projector. Refer all servicing to qualified service personnel.
- Keep out of reach of children.

### PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- Vamvo YG300 Pro Mini Projector

- Power Cord

- Remote Control

- HDMI Cable

- AV 3-in-1 Cable

- User Manual (this document)



Image: The retail box of the Vamvo YG300 Pro Mini Projector, showing the product and branding.

## PRODUCT OVERVIEW

Familiarize yourself with the main components and interfaces of your Vamvo YG300 Pro Mini Projector.

Image: Front view of the Vamvo YG300 Pro Mini Projector, highlighting its compact design and lens.

## Interfaces and Controls

Image: Side view of the Vamvo YG300 Pro Mini Projector, illustrating the various input and output ports including USB, HDMI, and audio jack.

The projector features a range of ports for connecting various devices:

- **HDMI Port:** For connecting devices like laptops, gaming consoles (PS4), Firestick, and other HDMI-enabled media players.
- **USB Port:** For connecting USB flash drives to play media files directly.
- **Micro SD Card Slot:** For playing media files from a Micro SD card.
- **Audio Output (3.5mm):** For connecting external speakers or headphones.
- **AV Port:** For connecting older devices using the included AV 3-in-1 cable.
- **Power Input:** For connecting the power adapter.

Image: A visual representation of the multiple input interfaces, showing compatibility with smartphones, iPads, laptops, PCs, PS4, DVD players, TVs, and flash disks.

## SETUP GUIDE

### 1. Placement and Projection

Position the projector on a stable, flat surface. The optimal projection distance ranges from 0.6 to 4 meters (approximately 2 to 13 feet), allowing for a screen size between 25 to 152 inches. Adjust the distance to achieve your desired screen size.

Image: A diagram illustrating the scalable projection size, from 24 inches up to 152 inches, depending on the projector's distance from the screen or wall.

## 2. Power Connection

Connect the supplied power cord to the projector's power input port and then to a power outlet. The projector can also be powered by a USB charger, mobile power bank, or laptop via USB, offering portability.
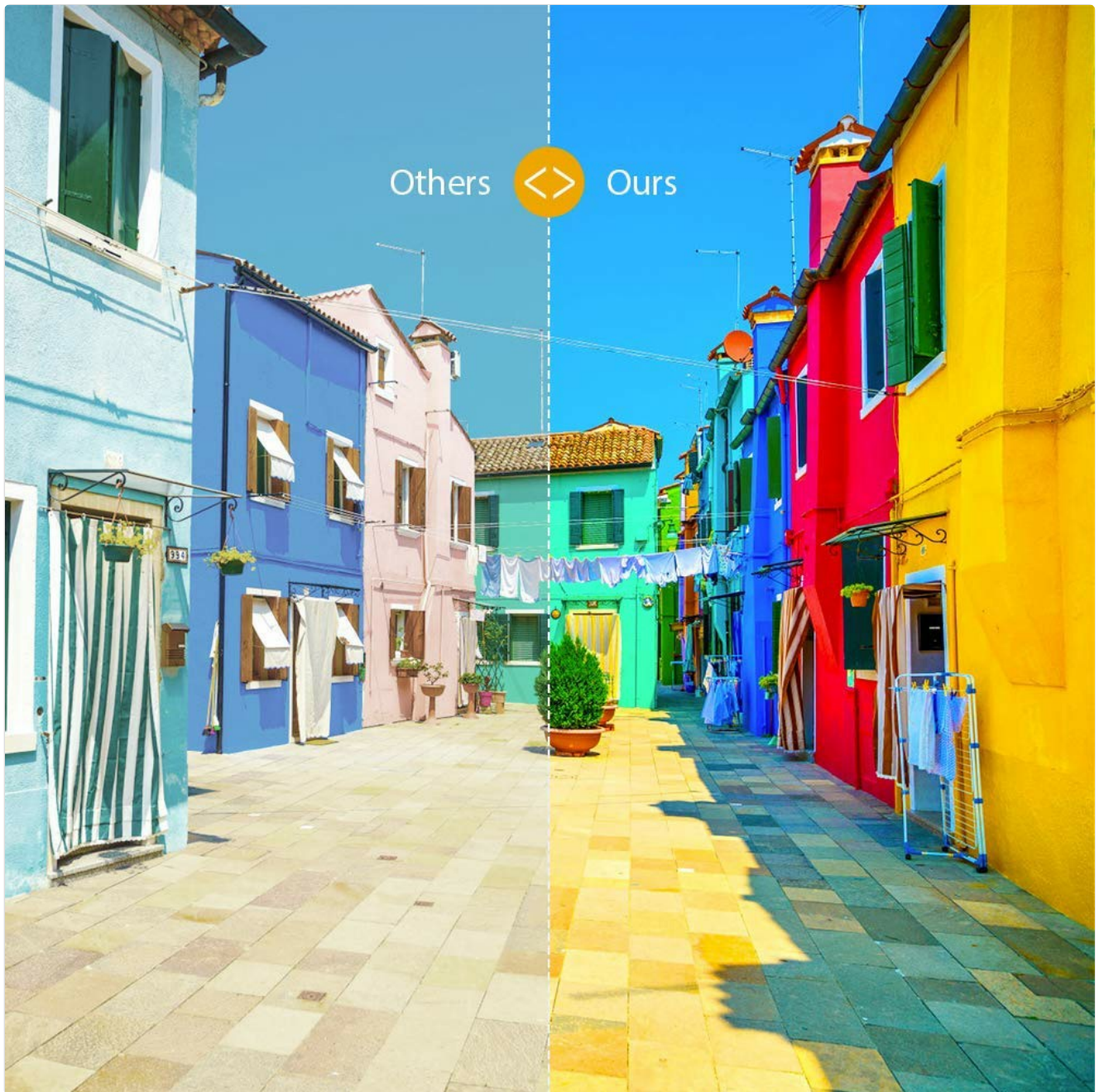
Image: The Vamvo YG300 Pro Mini Projector connected to a power bank via USB, demonstrating its portable power capabilities.

### 3. Connecting Devices

Choose the appropriate port based on the device you wish to connect:

- **HDMI:** Use the HDMI cable to connect your laptop, PS4, Firestick, or other HDMI-enabled devices.
- **USB/Micro SD:** Insert your USB flash drive or Micro SD card into the respective slot.
- **AV:** Use the AV 3-in-1 cable for devices with AV output.
- **Audio Out:** Connect external speakers or headphones to the 3.5mm audio jack for enhanced sound.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

Press the power button on the projector or the remote control to turn the device on or off. Allow a few seconds for the projector to boot up.

## 2. Focus Adjustment

Once powered on, adjust the focus ring located near the lens until the projected image appears clear and sharp. This may need to be re-adjusted if the projection distance changes.

## 3. Input Source Selection

Use the remote control or the buttons on the projector to navigate the on-screen menu. Select the appropriate input source (e.g., HDMI, USB, AV, Micro SD) corresponding to your connected device.

## 4. Media Playback

When playing media from a USB drive or Micro SD card, navigate through the file browser to select your desired content. The projector supports various media formats:

- **Audio:** MP3, WMA, OGG, AAC, FLAC, APE, WAV
- **Photo:** JPEG, BMP, PNG
- **Video:** AVI, MKV, FLV, MOV, MP4, MPG, VOB, RMVB, WMV
- **Text:** TXT



Image: The side of the Vamvo YG300 Pro Mini Projector box, detailing the various audio, photo, video, and text file formats supported by the device.

## 5. Adjusting Settings

Access the projector's settings menu to adjust parameters such as:

- **Aspect Ratio:** Change between 16:9 and other available ratios to best fit your content.
- **Brightness/Contrast:** Fine-tune image quality.

- **Keystone Correction:** Correct trapezoidal distortion if the projector is not perfectly perpendicular to the screen.
- **Sleep Timer:** Set a timer for automatic shutdown.



Image: A graphic highlighting key features such as eye protection through diffuse reflection imaging, a HiFi stereo speaker, a sleep timer shutdown function, and an impressive 50,000 hours of lamp life.
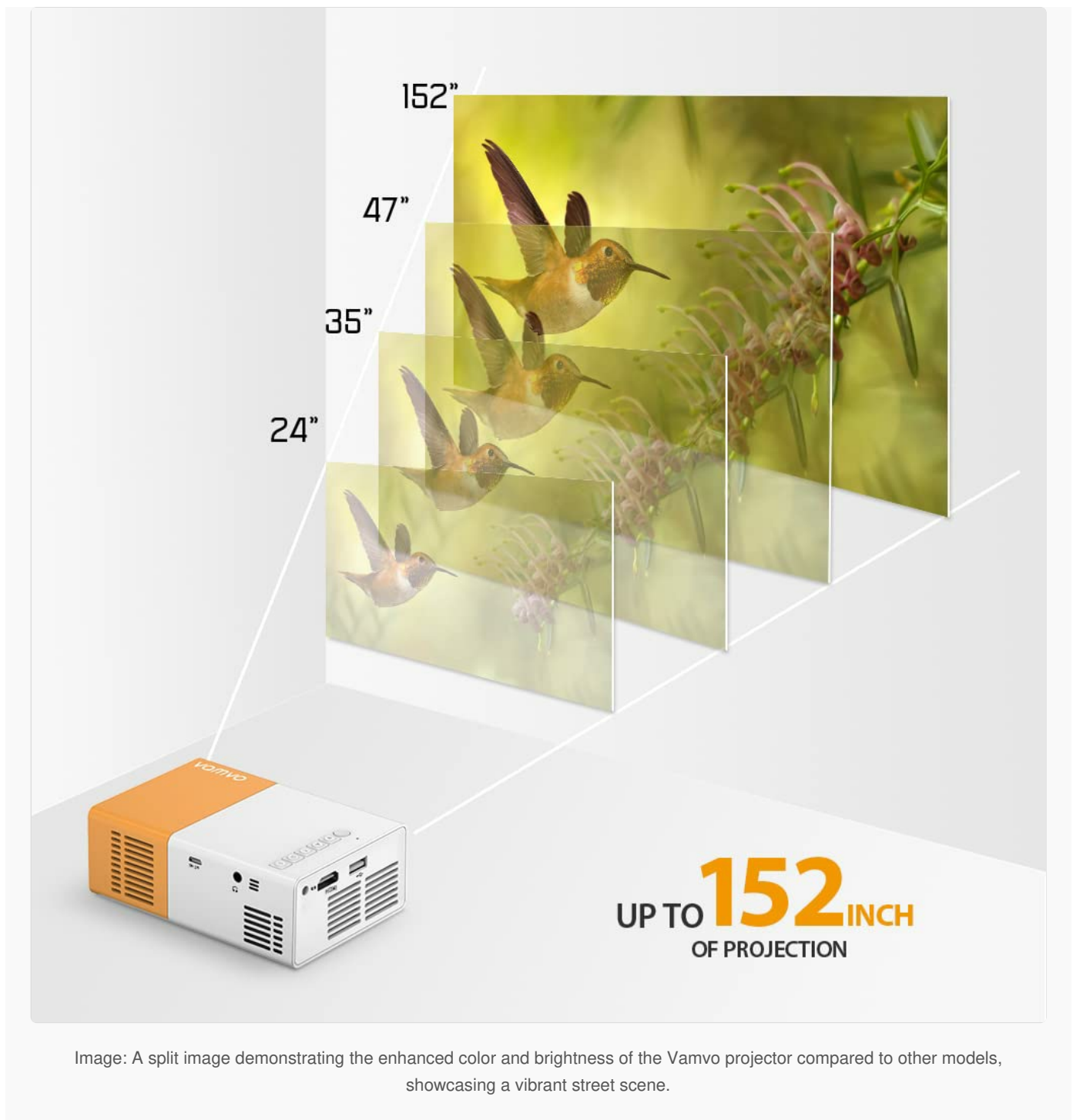
Image: A split image demonstrating the enhanced color and brightness of the Vamvo projector compared to other models, showcasing a vibrant street scene.

## 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 wipe. Avoid abrasive materials that could scratch the lens.
- **Ventilation:** Ensure the ventilation vents are clear of dust and obstructions. Periodically clean the vents with a soft brush or compressed air to maintain proper airflow and prevent overheating.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and excessive dust.
- **Lamp Life:** The projector lamp has a long lifespan of over 50,000 hours, minimizing the need for frequent replacement.

# TROUBLESHOOTING

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

| Problem | Possible Cause & Solution |
|---|---|
| No image or "No Signal" message | **Check connections:** Ensure all cables (HDMI, USB, AV) are securely connected to both the projector and the source device. <br> **Select correct input:** Verify that the correct input source is selected on the projector's menu. <br> **Power source:** Confirm the source device is powered on and functioning correctly. |
| Image is blurry or out of focus | **Adjust focus:** Rotate the focus ring on the projector lens until the image is sharp. <br> **Projection distance:** Ensure the projector is within the recommended projection distance (0.6 to 4 meters). |
| No sound or low sound | **Volume level:** Increase the volume on both the projector and the source device. <br> **Audio output:** If using external speakers, ensure they are properly connected to the 3.5mm audio output jack and are powered on. <br> **Audio format:** Verify the audio format is supported by the projector. |
| Projector overheats or shuts down | **Ventilation:** Ensure the ventilation vents are not blocked. Clear any dust or obstructions. <br> **Environment:** Use the projector in a well-ventilated area and avoid direct sunlight or high temperatures. |
| Remote control not working | **Batteries:** Replace the batteries in the remote control. <br> **Line of sight:** Ensure there is a clear line of sight between the remote and the projector's IR receiver. |

# SPECIFICATIONS

| Feature | Detail |
|---|---|
| Brand | Vamvo |
| Model | YG300 Pro |
| Imaging Technology | LCD |
| Light Source | LED |
| Brightness | 1000 lux (L2600 upgrade) |
| Native Resolution | 800 x 480 |

| Feature | Detail |
| --- | --- |
| Supported Resolution | Up to 1920 x 1080 (1080p Full HD) |
| Contrast Ratio | 1000:1 |
| Aspect Ratio | 16:9 |
| Projection Distance | 0.6 to 4 meters |
| Projection Screen Size | 25 to 152 inches |
| Power Input | DC 12V/2.5A or Micro USB 5V/2A |
| Wattage | 30 Watts |
| Speaker | 4Ω2W |
| Hardware Interface | USB, HDMI |
| Compatible Devices | Smartphone, Laptop, PS4, Firestick, USB Flash Drive, Micro SD Card |
| Product Dimensions (LxWxH) | 14.2 x 9.4 x 5.2 cm |
| Item Weight | 360 g |
| Lamp Life | Over 50,000 hours |

Image: The back of the Vamvo YG300 Pro Mini Projector box, displaying a table of detailed technical specifications for the device.

## WARRANTY AND SUPPORT

Vamvo provides professional customer service and technical support for your projector. If you have any questions or require assistance, please do not hesitate to contact us.

- **Warranty Period:** 24 months from the date of purchase.
- **Technical Support:** Timely professional technical support is available.

For support inquiries, please refer to the contact information provided on the Vamvo official website or your purchase documentation.