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Vivibright GP90 UP

Vivibright GP90 UP Portable Video Projector User Manual

Model: GP90 UP

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1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Vivibright GP90 UP Portable Video Projector. Please read it thoroughly before operating the device and retain it for future reference. The Vivibright GP90 UP is a portable video projector featuring an Android 4.42 operating system, 3200 lumens brightness, and 1280x800 native resolution, designed for multimedia entertainment and presentations.

2. SAFETY INSTRUCTIONS

- Do not block the ventilation openings. Ensure adequate airflow around the projector to prevent overheating.
- Do not expose the projector to rain or moisture to avoid electric shock or fire.
- Avoid looking directly into the projector lens when the lamp is on, as the bright light can cause eye damage.
- Place the projector on a stable, level surface to prevent it from falling.
- Use only the power adapter supplied with the projector.
- Do not attempt to disassemble or repair the projector yourself. Refer all servicing to qualified personnel.
- Keep the projector away from heat sources and direct sunlight.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Vivibright GP90 UP Projector
- Power Cable
- Remote Control (may not be included with all models)
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the projector's components and connection ports.



Image: The Vivibright GP90 UP projector showing its top controls, lens, and various input/output ports on the rear panel. The top features power and navigation buttons. The front has the projection lens. The rear panel includes Audio/RCA, IR receiver, two USB ports (U-Ready), two HDMI ports (HD), an RJ45-LAN port, and a VGA-PC port.

4.1 Front Panel

- **Projection Lens:** Emits the image.

4.2 Top Panel

- **Control Buttons:** Power, navigation, and menu access.

4.3 Rear Panel (Input/Output Ports)

- **AUDIO/RCA:** Audio output and composite video input.
- **IR:** Infrared receiver for remote control.
- **IN 1 / IN 2 (USB):** Two USB ports for connecting USB storage devices.
- **IN 1 / IN 2 (HDMI):** Two HDMI inputs for digital video and audio sources.
- **RJ45-LAN:** Ethernet port for wired network connection.
- **VGA-PC:** VGA input for connecting to computers.

5. SETUP

5.1 Placement

- Place the projector on a flat, stable surface or mount it on a ceiling or tripod.
- Ensure the projector is positioned directly in front of the screen or wall. Avoid angled placement as horizontal keystone correction is not available.
- The optimal projection distance ranges from 1.2m to 8.5m, producing screen sizes from 35 to 280 inches. For a 100-inch

image, a distance of approximately 3 meters is recommended.

5.2 Power Connection

1. Connect the power cable to the projector's power input.
2. Plug the other end of the power cable into a suitable electrical outlet (90~240V/50~60Hz).

5.3 Connecting Input Devices

- **HDMI:** Connect an HDMI cable from your source device (e.g., laptop, Blu-ray player, gaming console) to one of the projector's HDMI ports.
- **USB:** Insert a USB flash drive or external hard drive into a USB port to access media files.
- **VGA:** Connect a VGA cable from your computer to the projector's VGA-PC port.
- **AV:** Use an RCA cable to connect older devices to the AV input.
- **LAN:** Connect an Ethernet cable to the RJ45-LAN port for a wired internet connection.

5.4 Focus and Keystone Adjustment

- **Focus:** Rotate the focus ring around the lens until the projected image is sharp and clear.
- **Keystone Correction:** Use the manual vertical keystone correction feature ($\pm 15^\circ$) to adjust the image shape if the projector is not perfectly perpendicular to the screen. This corrects trapezoidal distortion.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- **Power On:** Press the power button on the projector or the remote control. The indicator light will change, and the projector will start.
- **Power Off:** Press the power button again. Confirm shutdown if prompted. Allow the projector to cool down before unplugging.

6.2 Navigating the Android OS

- The projector runs on Android 4.42. Use the remote control or connect a wireless mouse (recommended for easier navigation) to interact with the interface.
- Access pre-installed apps or download compatible applications from the app store. Note that some newer applications may not be compatible with Android 4.42.

6.3 Wireless Projection

- **Wi-Fi:** Connect to a wireless network via the settings menu. Supports dual-band Wi-Fi 2.4G.
- **Bluetooth:** Supports Bluetooth 4.0 for connecting wireless devices such as speakers. Note that Bluetooth audio output may only be available when using USB or Android sources, not HDMI.
- **Wireless Push (EZCast / Miracast / Airplay):** Use compatible apps on your smartphone or tablet to mirror your device's screen to the projector. Ensure your device and the projector are on the same Wi-Fi network.

6.4 Audio Settings

- The projector features built-in 4Ω, 5W stereo speakers with SRS sound technology.
- For enhanced audio, connect external speakers via the Audio Out port or wirelessly via Bluetooth (when using Android or USB sources).

7. MAINTENANCE

7.1 Cleaning

- Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners.
- Casing:** Wipe the projector's exterior with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly.
- Ventilation Openings:** Periodically clean the ventilation openings with a soft brush or compressed air to prevent dust buildup, which can affect performance and lifespan.

7.2 Storage

- When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures.
- Cover the lens with its cap to protect it from dust and scratches.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image projected	Power not connected; Input source not selected; Lens cap on	Check power connection; Select correct input source; Remove lens cap
Image is blurry	Focus not adjusted; Projector too close/far	Adjust focus ring; Adjust projection distance
Image is trapezoidal	Projector not perpendicular to screen	Adjust vertical keystone correction; Reposition projector to be centered
No sound	Volume too low; Muted; External speakers not connected/selected	Increase volume; Unmute; Check external speaker connections/settings
Wireless projection unstable	Weak Wi-Fi signal; Device incompatibility; Outdated Android OS	Ensure strong Wi-Fi signal; Check device compatibility with Miracast/Airplay; Consider wired connection if issues persist with older Android version.

9. SPECIFICATIONS

Feature	Detail
Brand	Vivibright
Model	GP90 UP
Operating System	Android 4.42
Brightness	3200 Lumens (LED Luminous efficiency)
Native Resolution	1280 x 800 (supports up to 1080P)

Feature	Detail
Contrast Ratio	3000:1 (Dynamic up to 10,000:1)
Projection Size	35-280 inches
Projection Distance	1.2m - 8.5m
Throw Ratio	1.45:1
Keystone Correction	Manual Vertical $\pm 15^\circ$
Light Source Life	Up to 30,000 hours
Connectivity	Wi-Fi (2.4G), Bluetooth 4.0, 2x HDMI, 2x USB, VGA, AV, RJ45-LAN
Audio	Built-in 4Ω, 5W stereo speakers with SRS sound
Power Supply	90~240V/50~60Hz
Product Dimensions	27 x 22 x 9 cm
Item Weight	3.17 kg

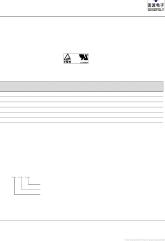
10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact Vivibright customer service. Keep your purchase receipt as proof of purchase for warranty claims.



Related Documents - GP90 UP

	<p><u>Vivibright f20/f20Pro/f30/f40 Series Projector Owner's Manual</u> Owner's manual for the Vivibright f20, f20Pro, f30, and f40 series projectors, covering setup, operation, safety instructions, specifications, and troubleshooting.</p>
	<p><u>VIVIBRIGHT GP90 HD Theater Projector: Portable, Wireless, and Brilliant Home Entertainment</u> Discover the VIVIBRIGHT GP90 HD theater projector, offering a portable and brilliant home entertainment experience with its 1280x800 native resolution, 3200 lumens, LED technology, and wireless connectivity.</p>

	<p>VIVIBRIGHT GP90 HD Theater Projector: Portable, High-Definition Entertainment</p> <p>Discover the VIVIBRIGHT GP90 HD theater projector, offering a native 1280x800 resolution, 3200 lumens brightness, and a 30,000-hour LED lamp life. This compact and portable projector supports wireless projection via Android OS, Wi-Fi, and Bluetooth, making it ideal for home entertainment, gaming, and presentations. Explore its rich multimedia capabilities, energy efficiency, and durable design.</p>
	<p>ViviBright F40 Portable 1080P LCD Projector for Home Theater & Gaming</p> <p>Discover the ViviBright F40, a portable 1080P Full HD LCD projector featuring 4200 Lumens brightness, 15,000:1 contrast, and versatile connectivity including HDMI, USB, and SPDIF. Ideal for home theater, gaming, and presentations with up to a 300-inch screen.</p>
	<p>GP90 Series PPTC Thermistors (Resettable Fuses) Datasheet Goodpoly</p> <p>Datasheet for Goodpoly's GP90 Series PPTC Thermistors. Features include radial leads, high voltage surge capability, and UL/TUV agency recognition. Provides detailed electrical characteristics, dimensions, derating curves, and T-I charts.</p>