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> WiMiUS 4K LED Video Projector User Manual

WiMiUS Upgrade P20

WiMiUS 4K LED Video Projector User Manual

Model: Upgrade P20

Brand: WiMiUS

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your WiMiUS 4K LED Video Projector. Designed for both indoor and outdoor movie experiences, this projector offers high brightness, native 1080P resolution, and advanced keystone correction features. Please read this manual thoroughly before using the projector to ensure optimal performance and longevity.

2. WHAT'S IN THE BOX

Verify that all items listed below are included in your package:

- WiMiUS 4K LED Video Projector (Model: Upgrade P20)
- HDMI Cable
- VGA Cable
- Remote Control
- Power Cable
- User Manual (this document)



Figure 2.1: WiMiUS Projector and its accessories, including cables and remote control.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your WiMiUS Projector:



Figure 3.1: Front view of the WiMiUS Projector, showing the lens and ventilation.

- **Projection Lens:** The primary component for image projection.
- **Focus Ring:** Adjusts the clarity of the projected image.
- **Keystone Correction Dial:** Corrects trapezoidal distortion of the image.
- **Control Panel:** Buttons for basic navigation and settings.
- **Ventilation Grilles:** Ensures proper airflow for cooling.



Figure 3.2: Rear and side view of the WiMiUS Projector, highlighting various input/output ports.

- **HDMI Ports (x2):** Connect to devices like TV sticks, laptops, gaming consoles.
- **USB Ports (x2):** Connect USB drives for media playback.
- **AV Port:** For connecting older devices using composite video.
- **VGA Port:** For connecting to computers.
- **Audio Out:** For connecting external speakers or headphones.
- **Power Input:** Connects to the power adapter.

4. SETUP

4.1 Placement

Choose a suitable location for your projector. The optimal projection distance is approximately 3 meters (9.8 feet) for a clear image. The projector supports image sizes from 50 to 200 inches.

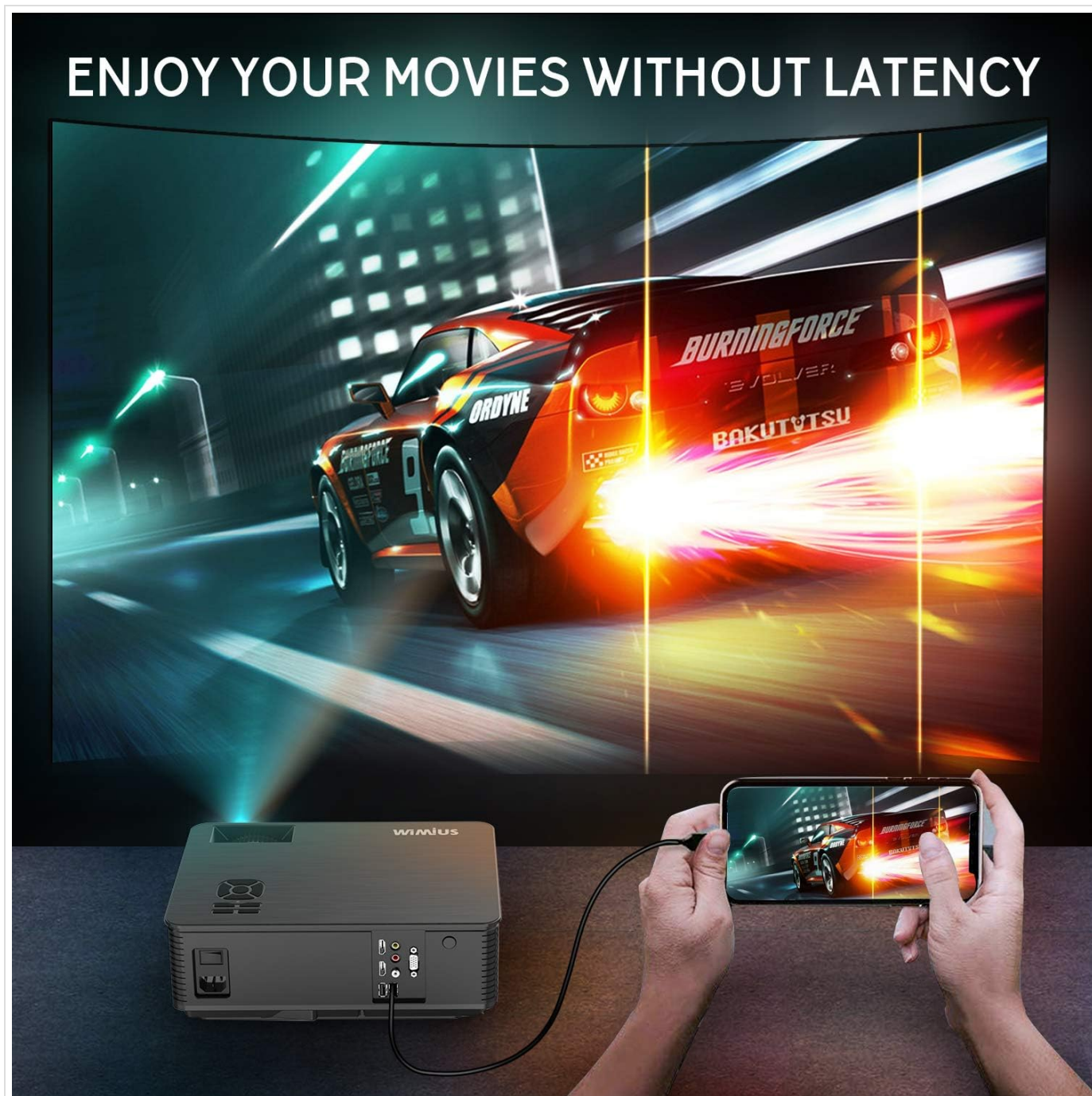


Figure 4.1: Example setup for home cinema, showing the projector's large display capability.

4.2 Power Connection

1. Connect the power cable to the projector's power input.
2. Plug the other end of the power cable into a wall outlet.
3. The power indicator light on the projector will illuminate.

4.3 Connecting Devices

The projector is compatible with various devices. Refer to the diagram below for common connection types:



Figure 4.2: Compatible devices include PCs, laptops, smartphones, gaming consoles (PS3/PS4/Xbox), TV sticks (Fire TV, Roku), USB disks, and external audio systems.

- **HDMI:** Use an HDMI cable to connect your laptop, TV stick, or gaming console to one of the HDMI ports.
- **USB:** Insert a USB flash drive into a USB port for direct media playback.
- **VGA:** Connect your computer using a VGA cable.
- **AV:** Use the AV port for devices with composite video output.
- **Smartphone Connection:** An additional MHL to HDMI cable adapter (for Android) or a Lightning to HDMI adapter (for iOS) may be required for direct smartphone connection.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button on the projector or the remote control to turn the unit on or off.

5.2 Adjusting Image Quality

- **Focus:** Rotate the focus ring on the lens until the image appears sharp and clear.
- **Keystone Correction:** Use the keystone correction dial or the remote control to adjust the image shape if it appears trapezoidal. This projector features 4D $\pm 50^\circ$ vertical and horizontal keystone correction.

- **Zoom Function:** Utilize the X/Y axis zoom function to adjust the image size without moving the projector.

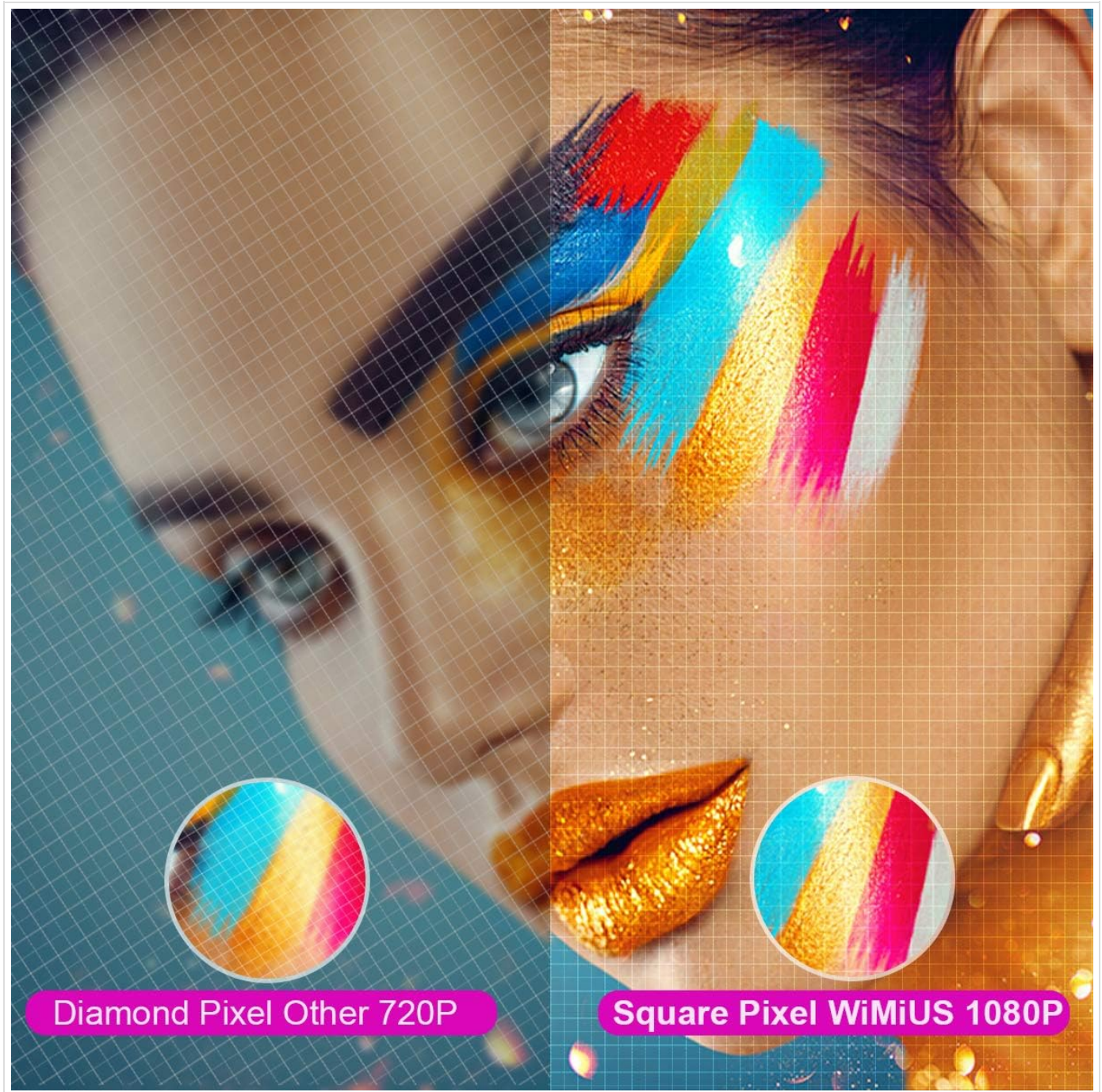


Figure 5.1: Visual representation of keystone correction and focus adjustment for optimal image clarity.

Brighter and Sharper Images



Other 7200 lumens

WiMiUS High lumens



6000:1 Contrat Ratio

WiMiUS 8000:1 Contrat Ratio

Figure 5.2: Comparison demonstrating the projector's superior brightness and contrast ratio for sharper images.

5.3 Source Selection

Press the "Source" button on the remote control or projector to select the desired input source (HDMI1, HDMI2, USB1, USB2, AV, VGA).

5.4 Audio Output

The projector features double advanced 10W speakers for excellent sound. For external audio, connect speakers or headphones to the Audio Out port.

5.5 Media Playback

When playing media from a USB drive, navigate through the menu using the remote control to select photos, music, or videos.

6. MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or cloths.
- **Cleaning the Projector Body:** Wipe the exterior with a soft, dry cloth. Avoid using liquid cleaners directly on the unit.
- **Ventilation:** Ensure the ventilation grilles are clear of dust and obstructions to prevent overheating.
- **Lamp Life:** The LED lamp is designed to last approximately 150,000 hours, significantly longer than traditional projector lamps. No regular lamp replacement is typically needed.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected, incorrect input source, device not powered on.	Check power connections, select correct input source, ensure connected device is on.
Blurred image	Incorrect focus, keystone distortion.	Adjust the focus ring and keystone correction dial.
No sound	Volume too low, mute enabled, external speakers not connected properly.	Increase volume, disable mute, check external speaker connections.
Remote control not working	Batteries low/dead, obstruction between remote and projector.	Replace batteries, ensure clear line of sight to the IR receiver.
Overheating	Blocked ventilation.	Ensure projector is placed on a flat, stable surface with clear ventilation.

8. SPECIFICATIONS

Feature	Detail
Brand	WiMiUS
Model Number	Upgrade P20
Display Resolution	1920 x 1080 (Native 1080P)
Brightness Rating	8500 Candela
Contrast Ratio	8000:1
Keystone Correction	4D ±50° Vertical and Horizontal
Zoom Function	X/Y Axis Zoom
Projection Size	50 to 200 inches
Optimal Projection Distance	3 meters
Lamp Life	Approx. 150,000 hours
Built-in Speaker	Double advanced 10W speaker
Connectivity	2x HDMI, 2x USB, 1x AV, 1x VGA

Feature	Detail
Item Weight	6.16 pounds
Product Dimensions	11.81 x 11.02 x 4.33 inches

9. WARRANTY & SUPPORT

WiMiUS provides a **3-year warranty** for this Upgrade P20 projector. For any questions, technical support, or warranty claims, please contact WiMiUS customer service through the official channels provided at the point of purchase or on the WiMiUS website.

Note: This projector is not suggested for use in classrooms or in bright daylight conditions.