

VGKE RD828

VGKE Smart 4K Projector RD828 User Manual

Model: RD828

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1. INTRODUCTION

This manual provides instructions for the safe and efficient operation of your VGKE Smart 4K Projector, model RD828. Please read this manual thoroughly before using the projector and retain it for future reference.

Package Contents

- VGKE Smart 4K Projector (RD828)
- Remote Control
- Power Cable
- HDMI Cable
- User Manual

2. SAFETY INSTRUCTIONS

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

3. PRODUCT OVERVIEW

Projector Components

Familiarize yourself with the various parts of your projector.



Image: Front view of the VGKE Smart 4K Projector RD828, showing the lens and ventilation.

Connectivity Ports

The projector offers a variety of ports for connecting external devices.

Wide Compatibility



RJ45



HDMI*2



USB*2



3.5mm Audio

HDMI-Connection



Laptop/PC



Tablets



Fire Stick



Switch/PS5



TV-box

Bluetooth & Audio Connection



Headset



Bluetooth earphone



DVD player

USB Connection



USB stick



External storage devices



Image: Diagram illustrating the various connectivity options including RJ45, HDMI, USB, and 3.5mm Audio ports on the VGKE Smart 4K Projector RD828.

- **RJ45:** For wired internet connection.
- **HDMI (x2):** Connect to laptops, PCs, gaming consoles, TV sticks, etc.
- **USB (x2):** Connect USB drives for media playback or external storage.
- **3.5mm Audio:** Connect external speakers or headphones.

4. SETUP

4.1 Placement

Position the projector on a flat, stable surface. For optimal viewing, ensure the projector is centered with the projection screen or wall. The recommended throw distance is up to 27.5 feet.



Image: The VGKE Smart 4K Projector RD828 set up outdoors for a movie night, demonstrating its versatility for indoor/outdoor use.

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 power outlet.
3. Press the power button on the projector or remote control to turn it on.

4.3 Focus and Keystone Correction

Adjust the image clarity and shape using the focus and keystone correction features.

Digital Keystone Correction

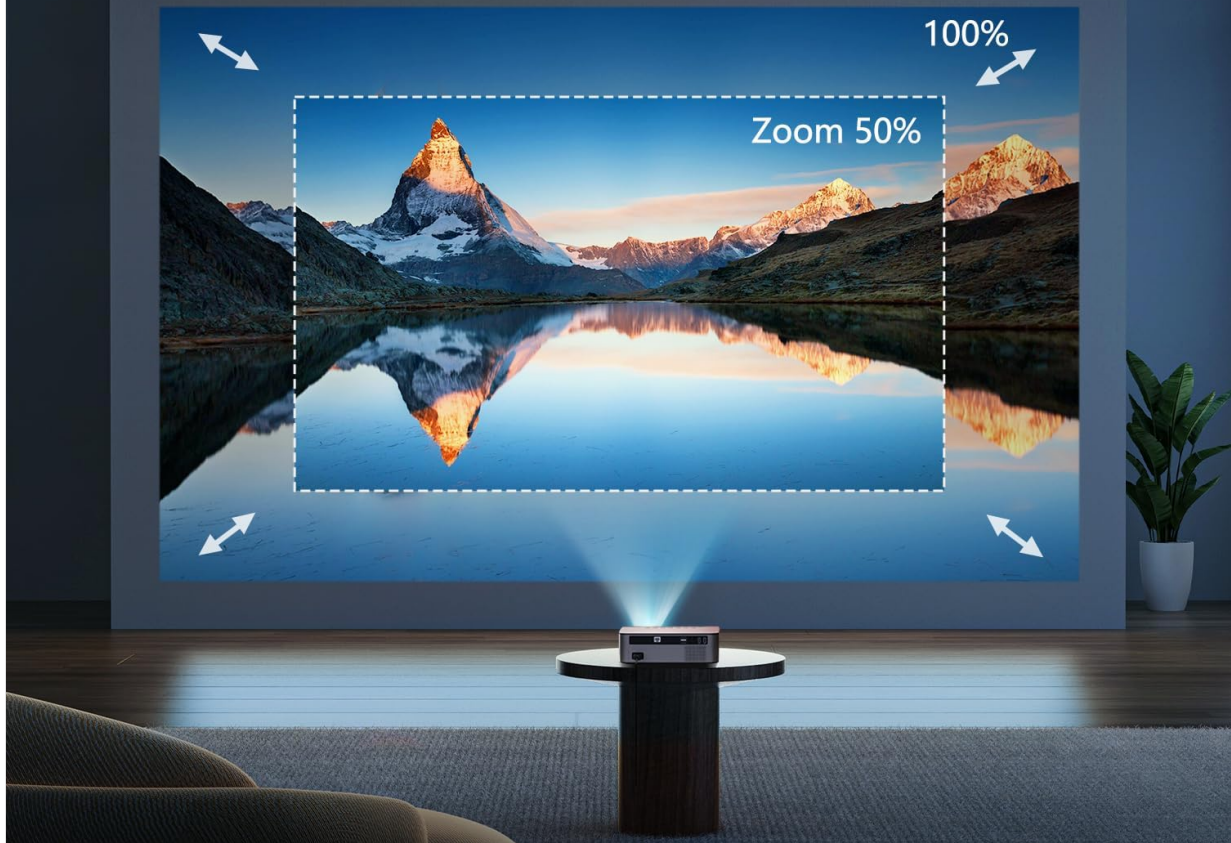


Image: Visual representation of the Digital Keystone Correction feature, showing 4-Points, Horizontal, Vertical, and Rotational adjustments, along with zoom functionality.

- **Electric Focus:** Use the remote control to adjust the focus until the image is sharp.
- **6D/4P Electric Keystone:** Access the keystone settings in the menu to correct distorted images. This allows for 4-point, horizontal, vertical, and rotational adjustments.

5. OPERATION

5.1 Android OS and Apps

The projector features a built-in Android OS, allowing direct access to streaming services and applications.

- Navigate the home screen using the remote control.
- Access the built-in App Store to download and install applications like YouTube, Netflix, Hulu, and Prime Video.
- Ensure the projector is connected to the internet via Wi-Fi (5G+2.4G) or Ethernet (RJ45) for app functionality.

5.2 Connecting External Devices

Use the HDMI or USB ports to connect various devices.

- **HDMI:** Connect laptops, PCs, TV sticks, gaming consoles (e.g., Switch/PS5), or TV boxes. Select the correct HDMI input source from the projector's menu.
- **USB:** Insert USB flash drives or external hard drives to play media files directly.

5.3 Bluetooth Connectivity

Connect Bluetooth audio devices for an enhanced sound experience.



Image: Illustration showing the VGKE Smart 4K Projector RD828 connecting wirelessly via Bluetooth to headphones, speakers, and earbuds.

1. Go to the Bluetooth settings in the projector's menu.
2. Enable Bluetooth and search for available devices.
3. Select your Bluetooth headphones, speakers, or other audio devices to pair.

5.4 Screen Mirroring (iOS/Android)

Mirror your smartphone or tablet screen to the projector.

- Ensure both the projector and your mobile device are connected to the same Wi-Fi network.
- For iOS devices, use AirPlay. For Android devices, use the built-in screen mirroring function (e.g., Miracast, Smart View).
- Select the projector from your device's screen mirroring options.

6. MAINTENANCE

6.1 Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or solvents.

6.2 Cleaning the Projector Body

Wipe the exterior with a soft, dry cloth. For stubborn marks, slightly dampen the cloth with water, then wipe dry.

6.3 Ventilation

Regularly check that the ventilation openings are clear of dust and debris to ensure proper airflow and prevent overheating. The projector features an integrated cooling system.

6.4 Storage

When not in use for extended periods, store the projector in a cool, dry place, protected from dust and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Power cable disconnected; Incorrect input source; Device not connected properly.	Check power connection; Select correct HDMI/USB input; Reconnect external device.
Image is blurry	Focus not adjusted; Projector too far/close.	Adjust electric focus using the remote; Reposition the projector.
Image is distorted (trapezoid shape)	Keystone not corrected.	Adjust 6D/4P Electric Keystone correction in the settings menu.
No sound	Volume too low; Muted; Incorrect audio output; Bluetooth not connected.	Increase volume; Unmute; Check audio output settings; Reconnect Bluetooth device.
Wi-Fi connection issues	Incorrect password; Router too far; Network interference.	Verify password; Move projector closer to router; Restart router and projector.

8. SPECIFICATIONS

Brand	VGKE
Model Name	RD828
Native Resolution	1920 x 1080 (Full HD)
Display Resolution Maximum	3840 x 2160 Pixels (4K Support)
Brightness	800 ANSI Lumens (650 ANSI Lumens Projector Maximum White Brightness)
Display Type	LCD
Connectivity Technology	Wireless (WiFi-6 & 5G+2.4G), Bluetooth 5.2
Special Features	6D/4P Electric Keystone, Electric Focus, Built-In Cooling System, Android OS
Recommended Uses	Indoor/Outdoor
Maximum Throw Distance	27.5 Feet
Compatible Devices	Television, Laptop, Smartphone, Gaming Consoles
Item Dimensions (L x W x H)	10.3"L x 9"W x 4.33"H
Included Components	Remote, Power Cable, HDMI Cable, User Manual

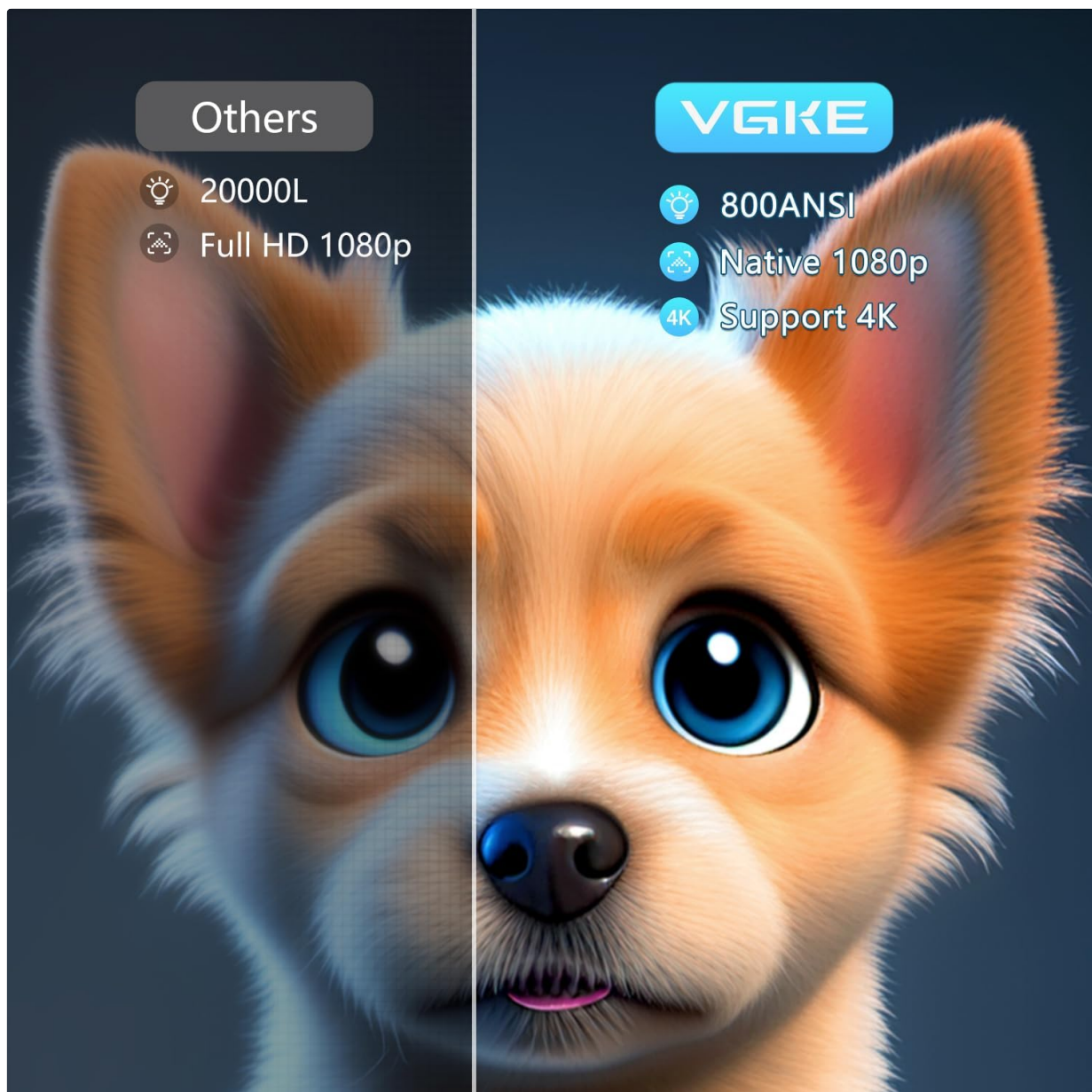


Image: Comparison graphic highlighting the VGKE projector's 800 ANSI brightness, Native 1080p resolution, and 4K support against other projectors.

9. WARRANTY AND SUPPORT

Your VGKE Smart 4K Projector RD828 comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact VGKE customer service through the contact information provided on the warranty card or the official VGKE website.