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› VGKE Mini Projector User Manual

VGKE TS-6 Mini Projector

VGKE Mini Projector User Manual

Model: TS-6 Mini Projector

Brand: VGKE

1. INTRODUCTION

Thank you for purchasing the VGKE TS-6 Mini Projector. This manual provides essential information for setting up, operating, and maintaining your projector. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your device. Keep this manual for future reference.

2. SAFETY INFORMATION

To prevent fire, electric shock, or injury, please observe the following safety precautions:

- Do not block ventilation openings. Ensure adequate airflow around the projector.
- Do not expose the projector to rain or moisture. Avoid placing liquids near the device.
- Use only the power adapter supplied with the projector.
- Do not open the projector casing. Refer all servicing to qualified personnel.
- Avoid direct eye exposure to the projector lens when the lamp is on.
- Place the projector on a stable, level surface to prevent it from falling.
- Unplug the projector from the power outlet during lightning storms or when unused for long periods.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- VGKE TS-6 Mini Projector
- Power Adapter
- Remote Control
- User Manual
- HDMI Cable (may vary by package)



Image: The VGKE TS-6 Mini Projector shown with its detachable base, highlighting its compact and portable design.

4. PRODUCT OVERVIEW

4.1. Projector Components

Familiarize yourself with the main parts of your projector:

- **Projection Lens:** Emits the image.
- **Ventilation Openings:** For heat dissipation.
- **Power Port:** Connects to the power adapter.
- **HDMI Port:** Connects to HDMI-enabled devices (laptops, TV sticks, game consoles).
- **USB Port:** Connects to USB storage devices.
- **Audio Port:** For connecting external audio devices like headphones or speakers.
- **Integrated Stand:** Allows for adjustable height and projection angles.



Image: A close-up view of the VGKE Mini Projector, illustrating its HDMI, AV, and USB ports for wide compatibility with various devices.

4.2. Remote Control

The remote control is essential for operating the projector, including focus and keystone correction. Ensure batteries are inserted correctly.



Image: The VGKE Mini Projector positioned next to its remote control, which is used for various adjustments including electric focus.

5. SETUP

5.1. Physical Placement

The VGKE TS-6 Mini Projector features a foldable, lift-up stand and 90° lens flip adjustment, offering versatile placement options:

- **Desktop Projection:** Place on a flat surface. Adjust the integrated stand for desired height (8.5 to 15 inches) and angle.
- **Ceiling Projection:** Utilize the 90° lens flip feature to project onto the ceiling.
- **Wall-mounted Projection:** The projector can be positioned to project onto a wall.

For optimal viewing, ensure the projection surface is smooth and light-colored. The recommended projection distance is 6.3 to 12.8 feet for a 40-150 inch display.

TS-6 Mini Projector

90° Flip Adjustment & Ceiling Projection



Image: The VGKE TS-6 Mini Projector demonstrating its 90-degree flip adjustment, allowing for projection onto a ceiling or wall from a desktop position.



Image: An illustration depicting the VGKE Mini Projector's projection capabilities, showing different screen sizes (45", 75", 120", 150") at corresponding distances (3.9ft, 6.5ft, 10.5ft, 13.0ft).

5.2. Initial Power On

1. Connect the power adapter to the projector's power port and then to a power outlet.
2. Press the power button on the remote control to turn on the projector.
3. The projector will display the main interface.

5.3. Focus and Keystone Correction

Achieve a clear and rectangular image using these functions:

- **Electric Focus:** Use the remote control to adjust the focus until the image is sharp.
- **Auto Keystone Correction:** The projector features automatic vertical keystone correction (up to 15°).
- **Manual Keystone Correction:** For further adjustments, the projector supports 4-direction and 4-point correction via the remote control.
- **Zoom Function:** Adjust the image size from 60% to 100% using the remote control without moving the projector.

Electric Focus & Keystone Correction



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Image: A visual representation of the VGKE Mini Projector's electric focus and various keystone correction capabilities, including auto keystone, 4-direction, 4-point correction, and 60-100% zoom.

6. OPERATING INSTRUCTIONS

6.1. Connecting Devices via Ports

The projector is equipped with HDMI, AV, and USB ports for various connections:

- **HDMI:** Connect laptops, PCs, TV sticks (e.g., Amazon Fire TV Stick, Roku), game consoles (Switch/PS5), or TV boxes. Select the HDMI input source from the projector's menu.
- **USB:** Insert a USB stick or external storage device to play media files directly. Select the USB input source.
- **Audio Out:** Connect headphones or external Bluetooth speakers via the audio port for enhanced sound.

Enjoy Massive Videos

HDMI-port



Laptop/PC



Tablets



TV Stick



Switch/PS5



TV-box

Audio-port



Headset



Bluetooth earphone



DVD player

USB-port



USB stick



External storage devices



Image: A close-up view of the VGKE Mini Projector, illustrating its HDMI, AV, and USB ports for wide compatibility with various devices.

6.2. Wireless Connectivity (WiFi & Bluetooth)

The projector supports dual-band WiFi (2.4G/5G) and Bluetooth 5.2 for seamless wireless connections.

- **WiFi Connection:** Navigate to the WiFi settings in the projector's menu, select your network, and enter the password.
- **Bluetooth Connection:** Enable Bluetooth on the projector and your external audio device (e.g., Bluetooth speaker, headphones). Select the device from the projector's Bluetooth menu to pair. The projector can also function as a standalone stereo speaker.

Ultra Fast WiFi 6 Connection & Bluetooth 5.2

Faster and more stable, say goodbye to delay.



Image: The VGKE Mini Projector wirelessly connected to a smartphone, demonstrating its Ultra Fast WiFi 6 and Bluetooth 5.2 capabilities for faster and more stable image transfer.

6.3. Screen Mirroring

Wirelessly mirror content from your iOS, Android, or Windows devices.

6.3.1. Connecting to iOS Devices (Airplay)

1. Ensure your iOS device and the projector are connected to the same home WiFi network.
2. On the projector's homepage, click "iOS Cast" to enter the connection channel.
3. On your iOS device, open the Control Center and tap "Screen Mirroring".
4. Select "TS-6 ****" from the device list to complete the connection.



Image: Step-by-step visual guide on how to connect an iOS device to the VGKE Mini Projector using the "iOS Cast" and "Screen Mirroring" functions.

6.3.2. Connecting to Android Devices (Miracast)

1. Turn on WiFi and Bluetooth on your Android device.
2. Access "Android Cast" (or Miracast) on the projector's homepage.
3. On your Android device, open the Control Center and tap "Wireless Projection" (or Screen Cast/Smart View).
4. Select "TS-6 ****" from the device list to complete the connection.



Image: Step-by-step visual guide on how to connect an Android device to the VGKE Mini Projector using the "Android Cast" and "Wireless Projection" functions.

7. MAINTENANCE

7.1. Cleaning the Projector

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or cloths.
- **Casing:** Wipe the exterior with a soft, dry cloth. For stubborn marks, slightly dampen the cloth with water. Avoid harsh chemicals.
- **Ventilation:** Periodically check and gently clean the ventilation openings to ensure proper airflow and prevent overheating. Use a soft brush or compressed air.

7.2. Storage

When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for an extended period, consider using the original packaging to protect it from dust and impacts.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	Power not connected; Incorrect input source; Device not connected properly.	Check power cable; Select correct input (HDMI, USB, Screen Mirroring); Reconnect source device.
Image is blurry	Focus not adjusted; Projector too close/far from screen.	Use remote control for electric focus adjustment; Adjust projection distance.
Image is trapezoidal/distorted	Keystone correction needed; Projector not perpendicular to screen.	Use auto or manual keystone correction via remote.
No sound	Volume too low; External audio device not connected/paired; Muted.	Increase volume; Check Bluetooth connection or audio cable; Unmute projector.
Remote control not working	Batteries low/dead; Obstruction between remote and projector.	Replace batteries; Ensure clear line of sight to projector's IR receiver.
Screen mirroring issues	Not on same WiFi network (iOS); WiFi/Bluetooth off (Android); App compatibility.	Ensure both devices are on the same WiFi; Enable WiFi/Bluetooth; Some apps may block mirroring due to copyright (HDCP).

9. SPECIFICATIONS

Brand	VGKE
Model	TS-6 Mini Projector
Display Resolution	Native 1920 x 1080 (Supports 4K)
Brightness	13,000 Lumens
Contrast Ratio	10000:1
Connectivity Technology	Bluetooth 5.2, HDMI, USB, Wi-Fi (5G/2.4G WiFi6)
Special Features	Electric Focus, Portable, Short Throw, Vertical 15° Auto Keystone Correction, 4-Direction/4-Point Correction, 60-100% Zoom, 90° Lens Flip Adjustment
Projection Size	40-150 inches
Projection Distance	6.3-12.8 feet
Product Dimensions	4.93 x 4.93 x 8.45 inches
Item Weight	2.81 pounds

Color	White
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10. WARRANTY AND SUPPORT

VGKE is committed to providing excellent customer service. Upon activating your product warranty, you will receive:

- **24 Months Replacement Support:** For any manufacturing defects or issues covered under warranty.
- **Lifetime Technical Support:** Access to professional assistance for any technical queries or operational guidance throughout the product's lifespan.

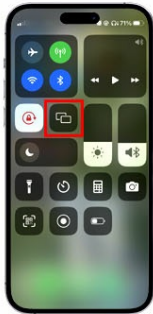
For support, please refer to the contact information provided on the VGKE official website or your purchase documentation.

How to connect to iOS Device?

※Make sure to connect your iOS device to the same home WiFi as the projector.



1.Click "iOS Cast"on the projector's homepage and enter the connection channel of "iOS Cast".



2.Open the Control Centre of your iOS device, click "Screen Mirroring".



3.Select "TS-6_****" in the device list to complete the connection.

Image: An illustration highlighting VGKE's customer support offerings: 24/7 professional service, 30-day return or exchange, and lifetime technical support.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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