

VGKE TS-6

VGKE Mini Projector User Manual

Model: TS-6

1. IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before using the projector. Keep this manual for future reference.

- **Power Supply:** Use only the original power adapter provided. Ensure the voltage matches your local power supply.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the projector to prevent overheating.
- **Liquid Exposure:** Keep the projector away from water or any liquids. Do not operate in humid environments.
- **Heat:** Avoid placing the projector near heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- **Eye Safety:** Do not look directly into the projector lens when the lamp is on. The bright light can cause eye damage.
- **Cleaning:** Unplug the projector from the power outlet before cleaning. Use a dry, soft cloth for cleaning.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

2. PRODUCT OVERVIEW

The VGKE Mini Projector (Model TS-6) is a portable video projector designed for versatile entertainment and presentation needs. It supports 4K content, delivers Full HD 1080p resolution, and features advanced connectivity options like WiFi 6 and Bluetooth 5.2. Its auto keystone correction and retractable stand enhance user convenience.



Figure 2.1: Front view of the VGKE Mini Projector with its retractable stand.

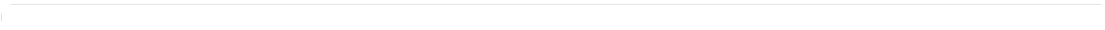


Figure 2.2: Key features of the projector including brightness, resolution, and stand.

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Video 2.1: An overview of the TS-6 Mini Home Cinema Projector in action, demonstrating its projection capabilities in various settings.

3. SETUP

3.1 Initial Placement

Place the projector on a stable, flat surface. The retractable stand allows for flexible positioning and projection angles, including ceiling projection.



Figure 3.1: The projector's 90-degree flip adjustment for versatile projection, including onto a ceiling.

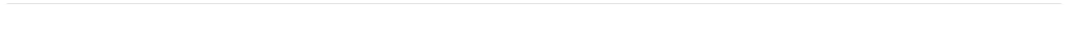


Figure 3.2: Illustrates the projector's ability to adjust for both wall and ceiling projection.

3.2 Power Connection

Connect the provided power adapter to the projector's power input and then plug it into a wall outlet.

3.3 Image Adjustment (Focus & Keystone Correction)

The projector features automatic keystone correction and electric focus for a clear and properly shaped image.

- **Auto Keystone:** The projector automatically corrects vertical keystone distortion (up to 15 degrees).
- **Manual Correction:** For more precise adjustments, use the remote control to access 4-direction and 4-point correction settings.
- **Electric Focus:** Use the remote control to adjust the focus for a sharp image.



Figure 3.3: Visual guide for electric focus and different keystone correction methods.



Figure 3.4: Demonstrates the electric focus and keystone correction features for optimal image quality.



Figure 3.5: Adjusting image size and focus using the electric focus and zoom functions.



Figure 3.6: Detailed view of the various keystone correction options available.

3.4 Connecting Devices

The projector offers multiple connectivity options:

- **HDMI Port:** Connect laptops, PCs, tablets, TV sticks, gaming consoles (Switch/PS5), and TV boxes.
- **USB Port:** Connect USB sticks or external storage devices.
- **Audio Port:** Connect headsets or Bluetooth earphones.



Figure 3.7: Overview of available ports and compatible devices.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

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

4.2 Navigating the Interface

Use the remote control to navigate through the projector's main menu and settings. The interface is designed for intuitive use.

4.3 Wireless Connectivity (WiFi 6 & Bluetooth 5.2)

The projector supports ultra-fast WiFi 6 for seamless screen mirroring and Bluetooth 5.2 for audio output.

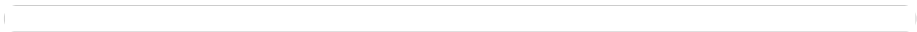


Figure 4.1: The projector's advanced WiFi 6 and Bluetooth 5.2 capabilities for faster and more stable connections.



Figure 4.2: Seamless screen mirroring via WiFi6 for content sharing from mobile devices.



Figure 4.3: Connecting the projector to external Bluetooth audio devices for enhanced sound.

4.4 Screen Mirroring (iOS & Android)

To mirror your smartphone or tablet screen:

1. Ensure your device and the projector are connected to the same Wi-Fi network.
2. On the projector's homepage, select 'iOS Cast' for Apple devices or 'Android Cast' for Android devices.
3. Follow the on-screen instructions to complete the connection.



Figure 4.4: Instructions for connecting iOS and Android devices for screen mirroring.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your projector.

- **Lens Cleaning:** Use a soft, lint-free cloth specifically designed for optical lenses to gently wipe the projector lens. Do not use abrasive cleaners or excessive force.
- **Vent Cleaning:** Regularly check and clean the ventilation openings to prevent dust buildup, which can lead to overheating. Use a soft brush or compressed air.
- **Storage:** When not in use, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. Use the original packaging or a protective case if available.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power	Power cable disconnected; power outlet issue.	Ensure power cable is securely connected. Try a different power outlet.
No image projected	Input source not selected; cable connection issue; lens cap on.	Select correct input source. Check HDMI/USB cable connections. Remove lens cap.
Image is blurry	Focus not adjusted; projector too close/far from screen.	Adjust electric focus using the remote control. Adjust projection distance.
Image is distorted (trapezoid shape)	Keystone correction needed.	Use auto keystone correction or manual 4-point/4-direction correction via settings.
No sound or low sound	Volume too low; external audio device not connected properly; source audio issue.	Increase projector volume. Check external speaker/headset connection. Ensure source device audio is working. Note: Built-in speaker quality may vary.
Remote control not working	Batteries low/dead; obstruction between remote and projector.	Replace remote batteries. Ensure clear line of sight to the projector's IR receiver. Note: The projector primarily relies on remote control for operation.
Screen mirroring issues	Not on same Wi-Fi network; network interference.	Ensure both devices are on the same 2.4G or 5G Wi-Fi network. Restart Wi-Fi router.

7. SPECIFICATIONS

Key technical specifications for the VGKE Mini Projector (Model TS-6):

- **Brand:** VGKE
- **Model:** TS-6
- **Native Resolution:** Full HD 1080p
- **Supported Resolution:** Up to 4K
- **Brightness:** 13,000 lumens (as advertised)
- **Connectivity:** WiFi 6 (2.4G & 5G), Bluetooth 5.2
- **Ports:** HDMI, USB, Audio Out
- **Keystone Correction:** Auto (15° Vertical Only), Manual (4-Direction, 4-Point)
- **Focus:** Electric Focus
- **Zoom:** 60-100%
- **Built-in Speakers:** Yes, HiFi Stereo
- **Product Dimensions:** 4.93 x 4.93 x 8.45 inches
- **Item Weight:** 2.81 pounds
- **ASIN:** B0F4WKQ8TN
- **Date First Available:** August 6, 2024

8. WARRANTY AND SUPPORT

VGKE is committed to providing excellent customer service and support for your Mini Projector.

- **Professional Service:** Enjoy 24/7 professional customer service.
- **Return/Exchange Policy:** A 30-day return or exchange policy is available.
- **Technical Support:** Benefit from lifetime technical support for your product.

For any inquiries or assistance, please contact VGKE customer support through the official channels provided at the time of purchase or on the VGKE website.

Figure 8.1: VGKE's commitment to customer satisfaction and support.