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Tecaki G01

Tecaki G01 Smart Projector User Manual

Model: G01

1. Introduction

Thank you for choosing the Tecaki G01 Smart Projector. This ultra-compact projector is designed to provide a versatile and immersive home entertainment experience. Featuring a built-in Android TV system, high-definition projection, and advanced connectivity, it transforms any space into a personal cinema.

Key Features:

- **Compact & Portable Design:** Weighing only 500g with a cup-sized body, it is 40% smaller than previous models, making it easy to store and carry.
- **Integrated Android TV:** Access popular streaming apps like Netflix, YouTube, and Prime Video directly without the need for an external TV stick.
- **270° Flexible Rotation:** Project images onto walls or ceilings with ease, adapting to various viewing angles.
- **High-Quality Visuals:** Enjoy native 1080P resolution with 4K input support, 25000LM brightness, and HDR10 technology for vivid and detailed images.
- **Advanced Connectivity:** Equipped with high-speed Wi-Fi 6 for stable streaming and Bluetooth 5.4 for seamless connection to audio devices and peripherals.
- **Smart Image Adjustment:** Features automatic keystone correction and a manual focus ring for quick and precise image setup, along with 50% zoom capability.
- **Immersive Audio:** Built-in dual 5W HiFi speakers deliver rich bass and clear treble.
- **Quiet Operation:** Operates at a low noise level of 28dB, ensuring an undisturbed viewing experience.
- **Large Screen Projection:** Capable of projecting screens from 32 to 200 inches.
- **Wide Device Compatibility:** Connects to smartphones, PCs, game consoles (PS, Switch), DVD players, and USB drives via HDMI, USB, and 3.5mm audio ports.



Figure 1.1: Overview of Tecaki G01 Smart Projector Key Features.

2. Safety Information

Please read all safety instructions carefully before using the projector to ensure safe and optimal performance.

- **Power Supply:** Use only the provided power adapter. Ensure the voltage matches your local power supply.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the projector to prevent overheating.
- **Placement:** Place the projector on a stable, flat surface. Avoid placing it in direct sunlight, near heat sources, or in humid/dusty environments.
- **Water & Moisture:** Do not expose the projector to rain, moisture, or liquids.
- **Cleaning:** Unplug the projector before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Lens Care:** Avoid touching the projector lens directly. Use a lens cleaning cloth if necessary.
- **Servicing:** Do not attempt to repair the projector yourself. Refer all servicing to qualified personnel.
- **Eye Protection:** Do not look directly into the projector lens when the lamp is on, as the bright light can cause eye strain or damage.

3. Package Contents

Verify that all items are present in your package:

- Tecaki G01 Smart Projector
- Remote Control
- Power Cord
- HDMI Cable
- User Manual (this document)

4. Product Overview

Familiarize yourself with the physical components and connection ports of your Tecaki G01 projector.

Front View:

- **Projection Lens:** Emits the image onto the screen or surface.

Rear View (Ports):

- **HDMI Port:** Connects to devices like game consoles, PCs, or DVD players.
- **USB Port:** Connects to USB storage devices for media playback.
- **3.5mm Audio Jack:** Connects to external headphones or speakers.
- **Power Input:** Connects the power cord.

Top View:

- **Manual Focus Ring:** Adjusts image sharpness.

Bottom View:

- **Integrated Stand:** Allows for 270° rotation for flexible projection angles.



Figure 4.1: Rear Ports of the Tecaki G01 Projector.

5. Setup

Follow these steps to set up your Tecaki G01 Smart Projector for the first time.

5.1 Placement

Position the projector on a stable surface. The integrated stand allows for 270° rotation, enabling projection onto walls, screens, or even the ceiling. Adjust the angle to your desired viewing position.



Figure 5.1: Flexible Placement with 270° Rotation.

5.2 Power Connection

1. Connect the power cord to the power input port on the rear of the projector.
2. Plug the other end of the power cord into a power outlet.
3. Press the power button on the projector or remote control to turn it on.

5.3 Initial Android TV Setup

Upon first boot, follow the on-screen instructions to complete the initial setup of the Android TV system, including language selection and Wi-Fi network connection.

5.4 Focus and Keystone Correction

- **Automatic Keystone Correction:** The projector will automatically adjust the image to a rectangular shape.
- **Manual Keystone Adjustment:** If further adjustment is needed, navigate to the settings menu to manually correct the keystone.
- **Manual Focus:** Rotate the manual focus ring on top of the projector until the image appears sharp and clear.



Figure 5.2: Automatic Keystone Correction and Manual Focus.

6. Operation

This section details how to use the various functions of your Tecaki G01 Smart Projector.

6.1 Android TV Applications

The built-in Android TV system allows you to access a wide range of entertainment. Connect to Wi-Fi to stream content from pre-installed apps or download new ones from the app store.

- Navigate the Android TV interface using the remote control.
- Select an app (e.g., Netflix, YouTube, Prime Video) to start streaming.
- Download additional apps from the app store as desired.



Figure 6.1: Android TV Interface with Streaming Apps.

6.2 Screen Mirroring (Wi-Fi 6)

Mirror content from your smartphone or tablet to the projector using Wi-Fi 6 for a seamless, low-latency experience.

- Ensure both your device and the projector are connected to the same Wi-Fi network.
- Select the screen mirroring function on the projector (e.g., 'Miracast' or 'AirPlay' depending on your device).
- Initiate screen mirroring from your smartphone or tablet's settings.



Figure 6.2: High-Speed Wi-Fi 6 Screen Mirroring.

6.3 Bluetooth Connectivity (Bluetooth 5.4)

Connect external Bluetooth devices such as speakers, headphones, or game controllers for an enhanced experience.

- Go to the Bluetooth settings on your projector.
- Enable Bluetooth on your external device and set it to pairing mode.
- Select your device from the list on the projector to pair.

Figure 6.3: Bluetooth 5.4 Audio Connectivity.

6.4 Zoom Function

Adjust the projected image size from 50% to 100% without moving the projector.

- Access the zoom settings through the projector's menu.
- Use the remote control to increase or decrease the image size.

6.5 Connecting External Devices

Use the HDMI and USB ports to connect various external devices.

- **HDMI:** Connect game consoles (PS, Switch), PCs, laptops, or DVD players using an HDMI cable. Select the HDMI input source from the projector's menu.
- **USB:** Insert a USB flash drive into the USB port to play media files (photos, videos, music). Navigate to the media player app on Android TV to access files.

Figure 6.4: Wide Device Compatibility.

6.6 Timer Function

Set a custom timer for automatic shutdown.

- Access the timer settings through the Android TV menu.
- Select your preferred shutdown time (e.g., 0.5 hours to 4 hours).

Figure 6.5: Customizable Timer Function.

7. Maintenance

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

- **Cleaning the Lens:** Gently wipe the lens with a soft, lint-free lens cleaning cloth. Do not use abrasive materials or harsh chemicals.
- **Cleaning the Exterior:** Use a soft, dry cloth to clean the projector's exterior. For stubborn marks, a slightly damp cloth can be used, followed by a dry one.
- **Ventilation:** Regularly check that the ventilation openings are free from dust and obstructions to prevent overheating.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry, dust-free environment.

8. Troubleshooting

If you encounter any issues with your projector, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No image projected	Power not connected; Input source incorrect; Projector off	Check power cord connection; Select correct input source (HDMI, USB, Android TV); Turn on projector
Image is blurry	Focus not adjusted; Keystone not corrected	Rotate the manual focus ring; Check automatic keystone correction or adjust manually
No sound	Volume too low; External audio device not connected/paired; Muted	Increase volume; Connect/pair Bluetooth device; Unmute projector
Wi-Fi connection unstable	Weak signal; Router issues; Incorrect password	Move projector closer to router; Restart router; Re-enter Wi-Fi password
Remote control not working	Batteries low/dead; Obstruction; Not pointed at IR receiver	Replace batteries; Remove obstructions; Point remote directly at the projector's IR receiver

9. Specifications

Detailed technical specifications for the Tecaki G01 Smart Projector.

Feature	Description
Brand	Tecaki
Model	G01
Display Resolution	Native 1920 x 1080 (Full HD)
4K Support	Yes (4K input compatible)
Brightness	25000 Lumens
Contrast Ratio	15000:1
Wireless Connectivity	Wi-Fi 6, Bluetooth 5.4
Wired Interfaces	HDMI, USB, 3.5mm Audio Jack
Operating System	Android TV
Projection Size	32 - 200 inches
Projection Distance	0.9 - 4 meters
Keystone Correction	Automatic and Manual
Zoom Function	50% - 100%
Audio	Dual 5W HiFi Speakers
Noise Level	28dB

Feature	Description
Dimensions (L x W x H)	10.4 x 9.5 x 18 cm
Weight	500g

10. Warranty and Support

Tecaki is committed to providing high-quality products and excellent customer service.

- **Warranty:** This product comes with a 3-year free manufacturer's warranty. Please retain your proof of purchase for warranty claims.
- **Customer Support:** For any questions, technical assistance, or warranty inquiries, please contact our support team via email. Refer to the contact information provided with your purchase or on the official Tecaki website.

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