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Tezarre TK61

Tezarre TK61 60% Hotswap Mechanical Gaming Keyboard User Manual

Model: TK61

1. Introduction and Overview

The Tezarre TK61 is a compact 60% mechanical gaming keyboard designed for efficiency and customization. Its ultra-compact 61-key layout provides a neat desktop setup, leaving more space for mouse movements, making it ideal for gamers and typists. This keyboard features hotswappable Gateron Optical Switches, vibrant RGB backlighting, and programmable macro capabilities.

The TK61 is compatible with Windows, macOS, Linux, and Android operating systems.



Figure 1.1: Tezarre TK61 60% Mechanical Gaming Keyboard with RGB lighting.



Figure 1.2: Overview of the TK61's compact layout and key features including Gateron Optical Switches, Pudding Keycaps, RGB Backlit, Windows/Mac compatibility, Custom Macro, Hot Swappable, Anti Ghosting, and Ergonomics.

2. What's in the Box

Upon unboxing your Tezarre TK61 keyboard, please ensure all the following items are present:

- Tezarre TK61 60% Mechanical Gaming Keyboard
- USB-C Cable (detachable)
- Keycap Puller
- Switch Puller
- User Manual (this document)



Figure 2.1: Contents of the Tezarre TK61 package, including the keyboard, USB cable, and keycap/switch pullers.

3. Setup

1. **Connect the Keyboard:** Locate the USB-C port on the keyboard and connect the provided USB-C cable. Plug the other end of the cable into an available USB port on your computer (PC, Mac, Laptop).
2. **Initial Power-On:** The keyboard will automatically power on and the RGB backlighting will illuminate upon successful connection.
3. **Software Installation (Optional for Windows Users):** For full customization of RGB lighting, macros, and key remapping, download the dedicated software from the official Tezarre website. Please note that the macro software is currently only available for Windows PC.

4. Operating Instructions

4.1 RGB Backlighting Control

The Tezarre TK61 features fully customizable RGB backlighting with 16.8 million color combinations. The PBT pudding keycaps enhance the visual effect of the lighting.

- **Lighting Modes:** The keyboard offers 15 distinct lighting effect modes, including Wave, Twinkle, Aurora, Musical Rhythm, Radar, and Ripple.
- **Brightness Levels:** Adjust the backlight intensity with 7 different brightness levels.
- **Breathing Speeds:** Customize the speed of breathing effects with 5 adjustable settings.
- **Customization:** All lighting settings can be fully customized through the dedicated software (Windows only).



Figure 4.1: The keyboard's immersive RGB experience, highlighting 15 lighting effect modes, 7 backlight brightness levels, 5 adjustable breathing speeds, and customizable light options.



Figure 4.2: Close-up of the PBT pudding keycaps, showing their translucent design for brighter RGB backlighting and excellent tactile feel.

4.2 Function Keys and Hotkeys

Due to its 60% compact layout, many functions are accessed via the **Fn** key in combination with other keys. Refer to the keycap legends for specific functions. Common combinations include:

- **Fn + [Key]:** Accesses secondary functions printed on the keycaps (e.g., F1-F12, media controls, arrow keys).
- **Fn + \:** Cycles through RGB lighting modes.
- **Fn + [; or ']:** Adjusts backlight brightness.
- **Fn + [, or .]:** Adjusts breathing speed.

4.3 Programmable Macros

The Tezarre TK61 supports programmable macros and key remapping for complex commands and custom functions. This feature is managed through the custom software, which is available for Windows PC only.

- **Macro Recording:** Record sequences of keystrokes and assign them to a single key.
- **Key Remapping:** Change the function of any key to suit your preferences.

- **Custom Profiles:** Create and save multiple profiles for different applications or games.



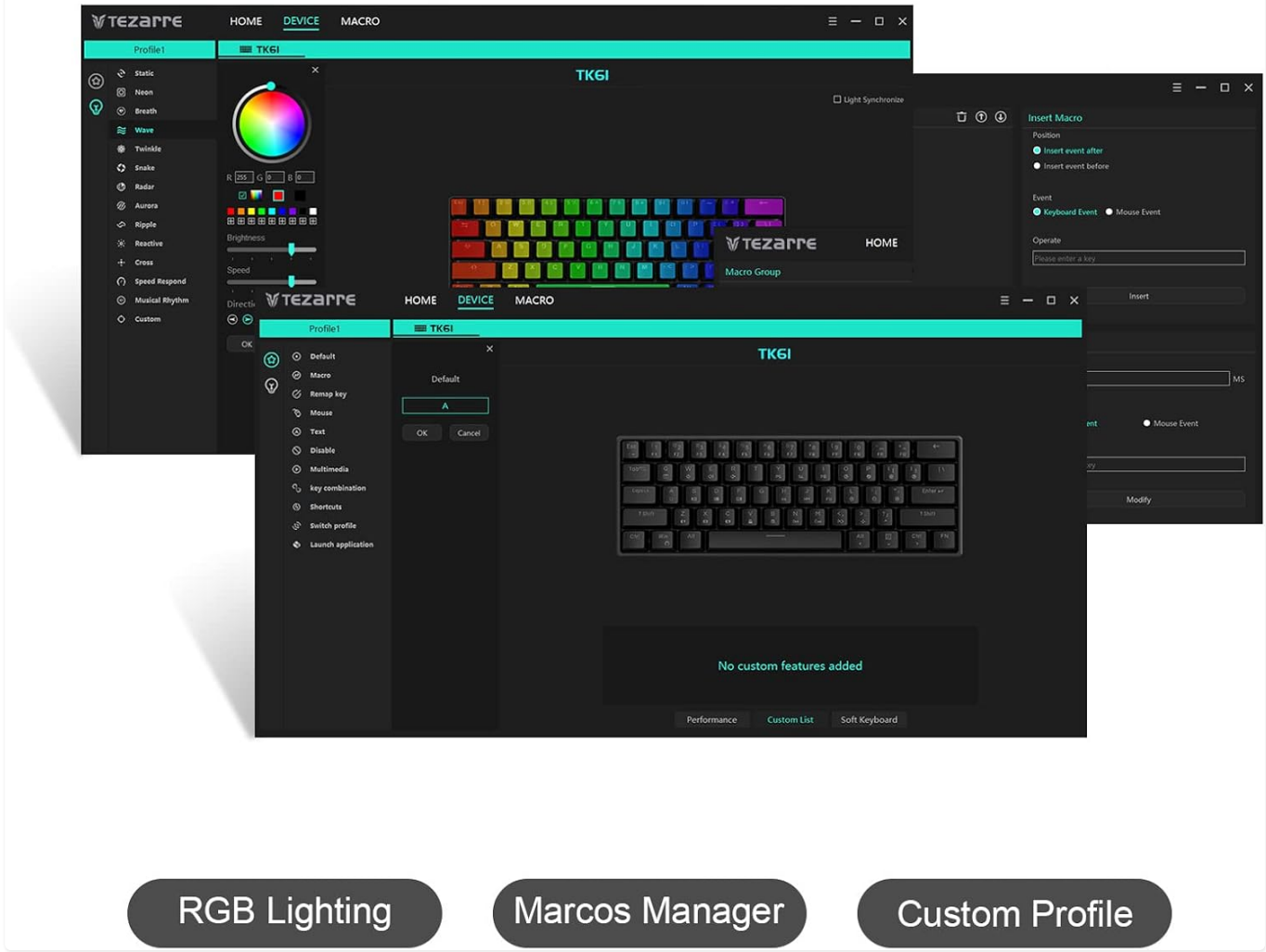
Figure 4.3: Screenshot of the Tezarre TK61 Windows software, showing options for RGB lighting, macro management, and custom profile creation.

4.4 Hotswappable Gateron Optical Switches

The TK61 is equipped with hotswappable Gateron Optical Switches, allowing you to easily change switches without soldering. This provides flexibility to customize your typing and gaming experience with different switch types.

- **Switch Removal:** Use the provided switch puller to gently remove existing switches.
- **Switch Installation:** Align the pins of the new optical switch with the holes on the PCB and press firmly until it clicks into place. Ensure pins are not bent.
- **Optical Technology:** Gateron Optical Switches use beam drive technology for faster response times and increased durability.

WINDOWS SOFTWARE



RGB Lighting | Marcos Manager | Custom Profile

Figure 4.4: Demonstration of the hotswappable optical switches, showing switches being removed and the IPX4 waterproof rating.



Figure 4.5: Detailed features of the Gateron Optical Switch, including faster response, waterproof design, and hot-swappable capability for DIY customization.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard. For deeper cleaning, remove keycaps using the provided keycap puller and use compressed air to clear debris.
- **Spill Resistance:** The keyboard has an IPX4 waterproof rating, meaning it is resistant to splashes. In case of a spill, immediately disconnect the keyboard, wipe off any liquid, and allow it to dry completely before reconnecting. Do not immerse the keyboard in water.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Keyboard not responding.	Loose USB connection, driver issue, or system conflict.	Ensure the USB cable is securely connected to both the keyboard and the computer. Try a different USB port. Restart your computer.
RGB lighting not working or incorrect.	Lighting mode setting, software conflict, or power issue.	Press **Fn +** \ to cycle through modes. Adjust brightness with **Fn + ;** or **Fn + '**. Check software settings if applicable. Ensure sufficient power from the USB port.
Specific keys not working.	Loose or faulty switch, or keycap issue.	Remove the keycap and switch using the pullers. Re-seat the switch firmly. If the issue persists, try replacing the switch with a known working one.
Macros not functioning.	Incorrect macro programming or software not running.	Ensure the Tezarre software is running and the correct profile is active. Re-program the macro to verify steps. Remember macro software is Windows only.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact Tezarre customer support for assistance.

7. Specifications

Model:	TK61
Keyboard Layout:	60% (61 keys)
Switch Type:	Hotswappable Gateron Optical Switches (e.g., Blue)
Keycaps:	PBT Pudding Keycaps
Backlighting:	Full RGB (16.8 million colors, multiple modes)
Connectivity:	Wired USB-C
Compatibility:	Windows, macOS, Linux, Android
Dimensions (L x W x H):	13.3 x 5.5 x 1.9 inches (approx.)
Weight:	2.42 pounds (approx.)
Special Features:	Ergonomic, IPX4 Waterproof, Backlit, Hotkeys and Media Keys, Programmable Macros (Windows only)

8. Warranty and Support

Tezarre provides a **180-day refund or replacement service** for your TK61 keyboard from the date of purchase. Additionally, free lifetime technical support is available to assist you with any questions or issues you may encounter.
For technical assistance or warranty claims, please contact Tezarre customer support through their official website or the contact information provided with your product packaging.

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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.

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