

## Tezarré TK61

# Tezarré TK61 60% Mechanical RGB Backlit Keyboard User Manual

Model: TK61

## 1. INTRODUCTION

The Tezarré TK61 is a compact 60% mechanical keyboard designed for various computing tasks, including gaming and typing. It features 61 keys, durable PBT Pudding double-shot keycaps, and 16.8 million color RGB backlighting. The keyboard incorporates anti-ghosting technology and full N-key rollover for precise input. Its Gateron optical switches are hot-swappable, allowing for customization. The TK61 is compatible with Windows, macOS, Linux, and Android operating systems.

This manual provides instructions for setting up, operating, and maintaining your Tezarré TK61 keyboard.



## 2. PACKAGE CONTENTS

---

Verify that all items are present in the package:

- Tezarre TK61 Mechanical Keyboard
- USB-C to USB-A Cable
- Keycap Puller
- Switch Puller



Image 2.1: Contents of the Tezarre TK61 keyboard package, including the keyboard, USB cable, and tools.

## 3. SETUP

---

### 3.1 Connecting the Keyboard

1. Locate the USB-C port on the Tezarre TK61 keyboard.
2. Connect the USB-C end of the provided cable to the keyboard.
3. Connect the USB-A end of the cable to an available USB port on your computer (Windows, macOS, Linux)

or compatible device (Android).

- The keyboard will be automatically recognized by your operating system. No additional drivers are typically required for basic functionality.

### 3.2 Software Installation (Optional)

For advanced customization, including macro recording, key remapping, and detailed RGB lighting control, download the dedicated software.

- The software is currently available for Windows PC only.
- Visit the official Tezarre website to download the latest version of the software.
- Follow the on-screen instructions to install the software.

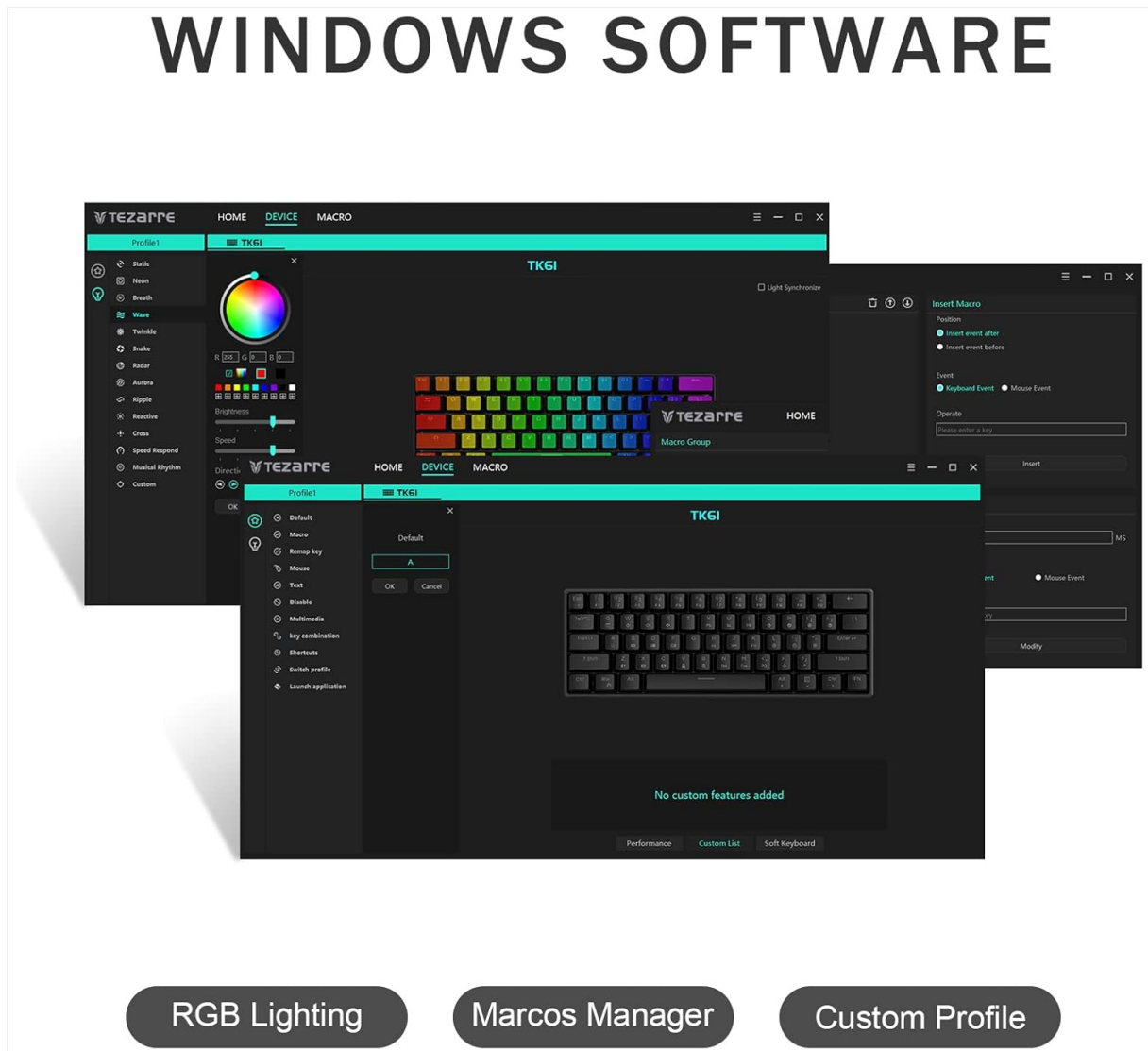


Image 3.1: Tezarre TK61 Windows software interface for customization.

## 4. OPERATING INSTRUCTIONS

### 4.1 Keyboard Layout and Function Keys

The TK61 features a 60% compact layout, which means some keys share functions. These secondary functions are typically accessed by holding down the **Fn** key (usually located near the bottom right) and pressing the desired key. Refer to the keycap legends for specific Fn combinations.

- Anti-Ghosting & N-Key Rollover:** The keyboard supports full N-key rollover, ensuring all simultaneous key presses are registered accurately.

# 60% COMPACT LAYOUT

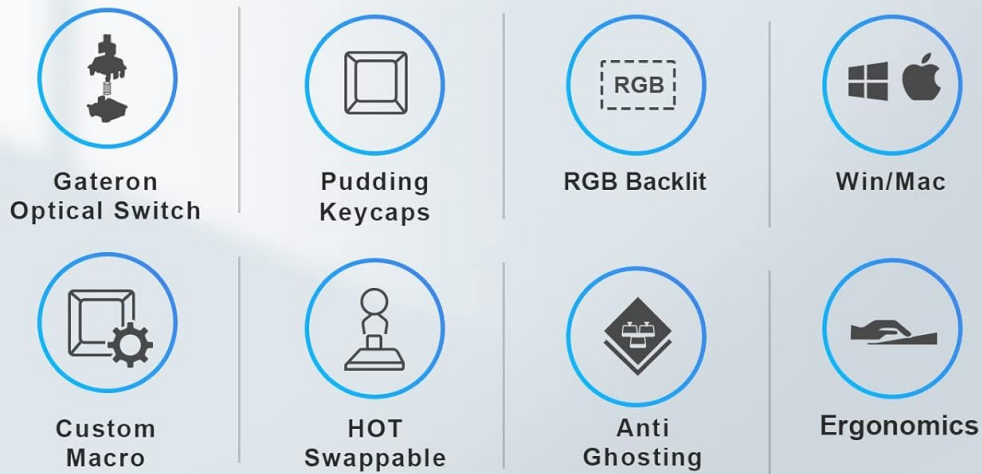


Image 4.1: Overview of the TK61's 60% compact layout and key features.

## 4.2 RGB Backlighting Control

The Tezarré TK61 offers extensive RGB backlighting customization.

- **Built-in Modes:** Access various lighting effects such as Wave, Twinkle, Aurora, Musical Rhythm, Radar, and Ripple directly from the keyboard using Fn key combinations.
- **Brightness Adjustment:** Adjust the backlight brightness through multiple levels.
- **Breathing Speed:** Modify the speed of breathing effects.
- **Customization:** Utilize the Windows software for 16.8 million color combinations and advanced effect customization. The keyboard has onboard memory to store your preferred lighting effects.



Image 4.2: Visual representation of the TK61's RGB lighting capabilities, including 15 effects, 7 brightness levels, and 5 breathing speeds.

### 4.3 Programmable Keys and Macros

The Tezarré TK61 supports macro recording and key remapping for personalized commands and functions.

- **Software Control:** Use the dedicated Windows software to create and manage macros, remap individual keys, and set up custom profiles.
- **Onboard Memory:** Custom keymaps and functions can be saved to the keyboard's onboard memory, allowing them to be used without the software running in the background.

## 5. FEATURES OVERVIEW

### 5.1 Gateron Optical Switches

The TK61 is equipped with Gateron optical switches, which utilize light-sensitive technology for faster and more responsive key actuation compared to traditional mechanical switches.

- **Hot-Swappable:** The switches are hot-swappable, allowing users to easily remove and replace them without soldering. This enables customization of the typing experience with different switch types.
- **Waterproof Design:** The optical switch design contributes to the keyboard's IPX4 waterproof rating, offering

protection against splashes and spills.



Image 5.1: Detailed view of a Gateron optical switch, highlighting its speed, waterproof nature, and hot-swappable capability.

# HOT-Swappable

(Only Optical Switch)

## IPX4 Waterproof



Image 5.2: Illustration of the hot-swappable feature, showing switches being removed and inserted.

## 5.2 PBT Pudding Keycaps

The keyboard features PBT (Polybutylene Terephthalate) pudding keycaps.

- **Translucent Design:** The unique translucent sides of the keycaps enhance the RGB backlighting, creating a brighter and more visually appealing effect.
- **Durability:** PBT material is known for its durability and resistance to shine over time, providing a consistent tactile feel.

# PBT PUDDING KEYCAPS




-  Translucent design for brighter RGB backlit
-  Lighting is better than other non-pudding keycaps
-  PBT material provides excellent touch



Image 5.3: Close-up of PBT pudding keycaps, showing their translucent design and material benefits.

## 6. MAINTENANCE

### 6.1 Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and chassis.
- For dust and debris between keycaps, use compressed air.
- For deeper cleaning, keycaps can be removed using the provided keycap puller. Clean the keycaps separately with mild soap and water, then ensure they are completely dry before reattaching.

### 6.2 Switch Replacement

The TK61 features hot-swappable Gateron optical switches.

1. Disconnect the keyboard.
2. Use the provided switch puller to carefully grip the switch from the top and bottom, then pull it straight up.
3. Align the pins of the new Gateron optical switch with the holes on the PCB.
4. Gently press the new switch into place until it clicks securely. Ensure it is seated properly to avoid bent pins.

## 6.3 Water Resistance

The keyboard has an IPX4 waterproof rating, meaning it is resistant to splashing water from any direction. This protects against accidental spills. However, it is not designed for immersion in water. If a significant spill occurs, disconnect the keyboard immediately and allow it to dry completely before reconnecting.

## 7. TROUBLESHOOTING

- **Keyboard Not Responding:**

- Ensure the USB cable is securely connected to both the keyboard and the computer.
- Try connecting the keyboard to a different USB port on your computer.
- Test the keyboard on another computer to rule out system-specific issues.

- **Specific Keys Not Working:**

- If a specific key is not registering, it might be due to a faulty switch. Utilize the hot-swappable feature to replace the switch.
- Ensure the keycap is properly seated on the switch stem.

- **RGB Lighting Issues:**

- Check Fn key combinations for lighting control (e.g., turning lights on/off, changing modes).
- If using the software, ensure it is running correctly and settings are applied.
- A factory reset (if available, refer to specific key combinations in the product's quick start guide or Tezarre support) might resolve software-related lighting glitches.

- **Software Not Detecting Keyboard:**

- Ensure the software is the correct version for your keyboard model.
- Run the software as an administrator.
- Temporarily disable any antivirus or firewall software that might be interfering.

If you encounter persistent issues, please refer to the Warranty and Support section for assistance.

## 8. SPECIFICATIONS

<b>Brand</b>	Tezarre
<b>Model Number</b>	TK61
<b>Layout</b>	60% (61 keys)
<b>Switch Type</b>	Gateron Optical (Hot-Swappable)
<b>Keycap Material</b>	PBT (Pudding Double-Shot)
<b>Backlighting</b>	RGB (16.8 million colors, multiple modes)
<b>Connectivity</b>	USB-C (Wired)
<b>Compatibility</b>	Windows, macOS, Linux, Android
<b>Special Features</b>	Anti-Ghosting, N-Key Rollover, Programmable Keys, Macro Support, IPX4 Waterproof
<b>Color</b>	White

## 9. WARRANTY AND SUPPORT

---

Tezarre provides the following support for the TK61 keyboard:

- **Warranty:** 180-day refund or replacement service from the date of purchase.
- **Technical Support:** Lifetime free technical support.

For warranty claims, technical assistance, or any product-related inquiries, please contact Tezarre customer service through their official website or the retailer where the product was purchased.