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Transformers TF-GK03

Transformers GK03 Mechanical Keyboard User Manual

Model: TF-GK03 (Optimus Prime White)

Introduction

The Transformers GK03 Mechanical Keyboard is a versatile and high-performance input device designed for both gaming and productivity. Featuring an 81-key compact layout, multi-mode connectivity (Bluetooth 5.0, 2.4GHz wireless, and USB-C wired), hot-swappable linear switches, and customizable RGB backlighting, this keyboard offers a premium typing experience. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your GK03 keyboard.



Image: The Transformers GK03 Mechanical Keyboard in Optimus Prime White, showcasing its design and packaging.

Package Contents

Upon opening the package, verify that all the following items are included:

- Transformers GK03 Mechanical Keyboard (Optimus Prime White)
- USB-C to USB-A Cable
- 2-in-1 Shaft and Key Puller
- Spare Keycaps (2 pieces)
- Spare Switches (2 pieces)
- User Manual (this document)



Image: All items included in the GK03 keyboard package, including the keyboard, cables, tools, and spare parts.

Setup and Connectivity

The GK03 keyboard supports three connection modes: Bluetooth 5.0, 2.4GHz wireless, and USB-C wired. It is compatible with PC, laptop, tablet, and mobile phone devices.

1. Wired Connection (USB-C)

1. Connect the provided USB-C cable to the keyboard's USB-C port.
2. Connect the other end of the USB-C cable to a USB-A port on your computer or device.
3. The keyboard will automatically be recognized and ready for use.

2. 2.4GHz Wireless Connection

1. Locate the 2.4GHz USB receiver, typically stored in a compartment on the keyboard.
2. Plug the USB receiver into an available USB-A port on your computer or device.
3. On the keyboard, press **Fn + R** to switch to 2.4GHz wireless mode. The indicator light will confirm the connection.

3. Bluetooth 5.0 Connection

The keyboard can store up to three Bluetooth devices.

1. On the keyboard, press and hold **Fn + Q**, **Fn + W**, or **Fn + E** for 3-5 seconds to enter pairing mode for the desired slot. The indicator light will flash rapidly.
2. On your device (computer, tablet, phone), enable Bluetooth and search for new devices.
3. Select "Transformers GK03" from the list of available devices to pair.
4. Once paired, the indicator light on the keyboard will stop flashing and remain solid.
5. To switch between paired Bluetooth devices, simply press **Fn + Q**, **Fn + W**, or **Fn + E**.



Image: Visual representation of the keyboard's tri-mode connectivity, including USB-C wired, Bluetooth, and 2.4GHz wireless modes, connecting to various devices.

Operating Instructions

1. Knob Control

The multi-function knob on the top right of the keyboard provides convenient control:

- **Rotate:** Adjusts volume (clockwise to increase, counter-clockwise to decrease).
- **Press:** Mutes/unmutes audio.

The knob module is interchangeable with the "Print" and "Pause" keys. To swap, gently pull the knob module upwards to remove it, then insert the desired keycaps.



Image: A close-up view demonstrating how the multimedia knob can be interchanged with the "Print" and "Pause" keys.

2. RGB Backlighting and Customization

The GK03 features 20 RGB lighting effects and supports 11 cool music rhythm lighting effects via the driver software. Lighting brightness and speed can be adjusted using the knob or FN key combinations.

- **Adjust Brightness:** Rotate the knob (if configured for brightness) or use specific FN key combinations (refer to software for details).
- **Change Lighting Effect:** Use FN key combinations (e.g., Fn + \ |) to cycle through pre-set effects.
- **Turn Off Backlighting:** Use the designated FN key combination (refer to software or quick guide).

3. Hot-Swappable Switches

The GK03 keyboard is equipped with hot-swappable sockets, allowing users to easily change switches without soldering. It supports both 3-pin and 5-pin mechanical switches.

1. Using the provided 2-in-1 key puller, gently remove the keycap from the desired switch.
2. Use the switch puller end of the tool to carefully grip the top and bottom clips of the switch.
3. Pull the switch straight up to remove it from the PCB.
4. Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight to avoid bending.
5. Gently press the new switch into place until it clicks securely.
6. Replace the keycap.



Image: A detailed view of the hot-swappable switch mechanism, showing how switches can be easily removed and replaced.

4. Programmable Software (Windows Only)

For advanced customization, including macro creation, key remapping, and detailed RGB lighting control, download the dedicated software. This software is compatible with Windows operating systems only.

- **Download Link:** bit.ly/m/TRANSFORMERS-KEYBOARD
- Install the software by following the on-screen instructions.
- Launch the software to access various customization options for your GK03 keyboard.

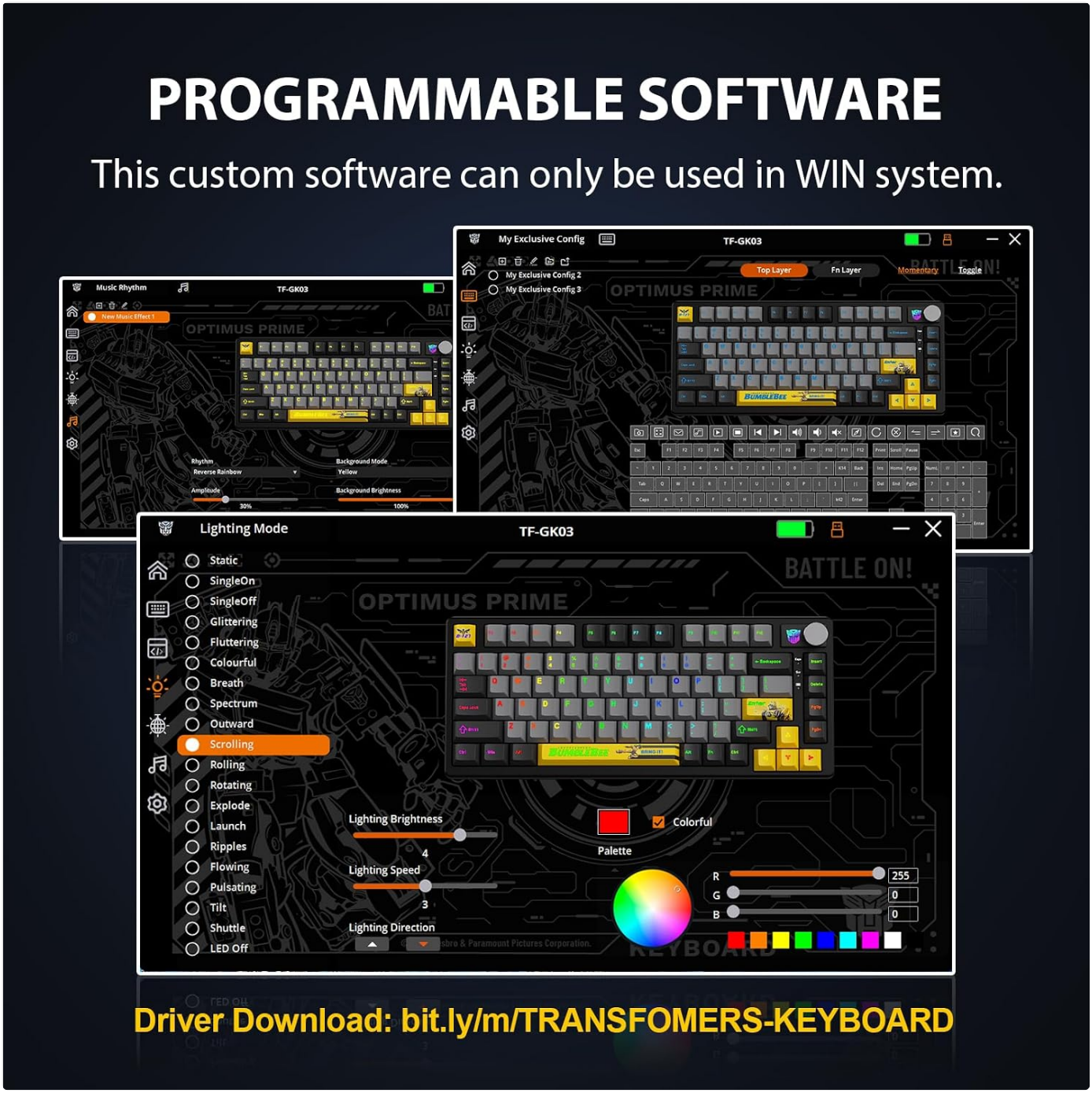


Image: Screenshots of the programmable software interface, demonstrating options for lighting modes, macros, and key assignments.

5. Battery Management

The GK03 keyboard is equipped with a 4000mAh battery for extended wireless use.

- **Check Battery Level:** Press **Fn + Enter** to display the current battery status.
- **Charging:** Connect the keyboard via USB-C cable to a power source (computer USB port or wall adapter). The charging

indicator will show status.



Image: An illustration detailing the 4000mAh battery capacity and the key combination (Fn + Enter) to check the battery level.

Maintenance

1. Cleaning the Keyboard

- Disconnect the keyboard from all power sources and devices before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and chassis.
- For dust and debris between keycaps, use compressed air or a small brush.
- Avoid using harsh chemicals, abrasives, or solvents, as these can damage the keyboard's finish.

2. Keycap and Switch Replacement

Refer to the "Hot-Swappable Switches" section under Operating Instructions for detailed steps on replacing keycaps and switches.

Troubleshooting

Problem	Possible Cause	Solution
Keyboard not responding (wired)	Loose cable connection; faulty USB port.	Ensure USB-C cable is securely connected. Try a different USB port on your device.
Keyboard not connecting (wireless)	Low battery; incorrect mode; pairing issue; receiver not detected.	Charge the keyboard. Ensure correct mode (2.4GHz or BT) is selected. Re-pair Bluetooth or re-insert 2.4GHz receiver. Try a different USB port for the receiver.
RGB lighting not working	Lighting turned off; software issue.	Check FN key combinations to ensure lighting is enabled. Use the software to troubleshoot lighting settings.
Keys not registering or double-typing	Dust/debris under keycap; faulty switch.	Remove keycap and clean around the switch. If issue persists, replace the switch (refer to Hot-Swappable Switches section).
Knob control not functioning	Loose knob; software conflict.	Ensure the knob module is securely seated. Check software settings for knob functionality.

Specifications

Feature	Detail
Model Number	TF-GK03
Layout	75% (81 Keys)
Connectivity	Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired
Switches	Pre-lubed Cybertron Linear Switches, Hot-Swappable (3-pin/5-pin)
Keycaps	PBT Keycaps
Backlighting	RGB (20 effects, 11 music rhythm effects)
Battery Capacity	4000mAh
Dimensions (L x W x H)	13.68 x 5.51 x 1.76 inches (34.75 x 14.00 x 4.47 cm)
Weight	2.75 pounds (1.25 kg)
Compatible OS	Windows, macOS, iOS, Android, PS, XBOX

Warranty and Support

For warranty information and technical support, please refer to the official Transformers product support channels or contact the seller directly. Keep your purchase receipt for warranty claims.

- **Manufacturer:** Transformers
- **Seller:** Transformers Keyboard (on Amazon)
- **Online Store:** Transformers Store on Amazon

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