TECURS kb510

TECURS Wireless/Bluetooth/Wired 65% Mechanical Gaming Keyboard

USER MANUAL - MODEL KB510

1. INTRODUCTION

Thank you for choosing the TECURS KB510 Mechanical Gaming Keyboard. This ultra-compact 65% layout keyboard offers versatile connectivity options including wired USB-C, 2.4G wireless, and Bluetooth, making it compatible with Windows and Mac operating systems. Featuring vibrant RGB backlighting and responsive linear red switches, it is designed for both gaming and office use. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance.

2. SETUP

2.1 Package Contents

- 1x TECURS KB510 Mechanical Keyboard
- 1x USB-C Cable (1.8m)
- 1x USB 2.4G Receiver
- 1x Key Puller
- 1x User Manual (this document)

Figure 2.1: Included accessories with the TECURS KB510 keyboard.

2.2 Connection Modes

The TECURS KB510 keyboard supports three connection modes: Wired, 2.4G Wireless, and Bluetooth. Use the switch located on the back of the keyboard to select your desired mode.

Figure 2.2: Three connection modes of the keyboard.

2.2.1 Wired Connection

Connect the provided USB-C cable to the keyboard's port and the other end to your computer's USB port. The keyboard will automatically be recognized and ready for use.

Figure 2.3: Wired USB-C connection.

2.2.2 2.4G Wireless Connection

Insert the 2.4G USB receiver into an available USB port on your computer. Switch the keyboard to 2.4G mode. The keyboard will connect automatically.

Figure 2.4: 2.4G wireless connection setup.

2.2.3 Bluetooth Connection

The keyboard can connect to up to three Bluetooth devices. Switch the keyboard to Bluetooth mode. Press and hold **FN + Q**, **FN + W**, or **FN + E** for 3-5 seconds until the corresponding key flashes rapidly, indicating pairing mode. On your device, search for "TECURS KB510" and connect. Once connected, the key will stop flashing.

Figure 2.5: Bluetooth connection to a device.

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3. OPERATING INSTRUCTIONS

3.1 RGB Backlight Control

The keyboard features 15 RGB backlight modes and 7 monochrome backlight modes. You can customize the lighting effects to your preference.

- **FN + Ins**: Toggle backlight ON/OFF.
- **FN + PgUp**: Cycle through 15 RGB backlight modes.
- **FN + Del**: Cycle through 7 monochrome backlight colors.
- **FN + ↑**: Increase backlight brightness.
- **FN + ↓**: Decrease backlight brightness.
- **FN + ←**: Decrease dynamic backlight mode speed.
- **FN + →**: Increase dynamic backlight mode speed.

Figure 3.1: Keyboard with RGB lighting effects.

3.2 System Compatibility Switching

The keyboard is compatible with both Windows and macOS. Use the following key combinations to switch between systems:

- **FN + A**: Switch to Windows mode.
- **FN + S**: Switch to macOS mode.

Figure 3.2: Dual system compatibility.

3.3 Multi-Device Switching (Bluetooth Mode)

In Bluetooth mode, you can quickly switch between up to three paired devices:

- **FN + Q**: Switch to Bluetooth Device 1.
- **FN + W**: Switch to Bluetooth Device 2.
- **FN + E**: Switch to Bluetooth Device 3.

Figure 3.3: Seamless switching between up to 3 Bluetooth devices.

3.4 Battery Status Check

To check the current battery level, press **FN + Spacebar**. The row of number keys (1-0) will light up to indicate the battery percentage (e.g., 1-5 lit means 10-50% battery).

Figure 3.4: Battery level display.

3.5 Ergonomic Design

The keyboard features three adjustable angles (6°, 8°, 12°) for ergonomic comfort during extended use.
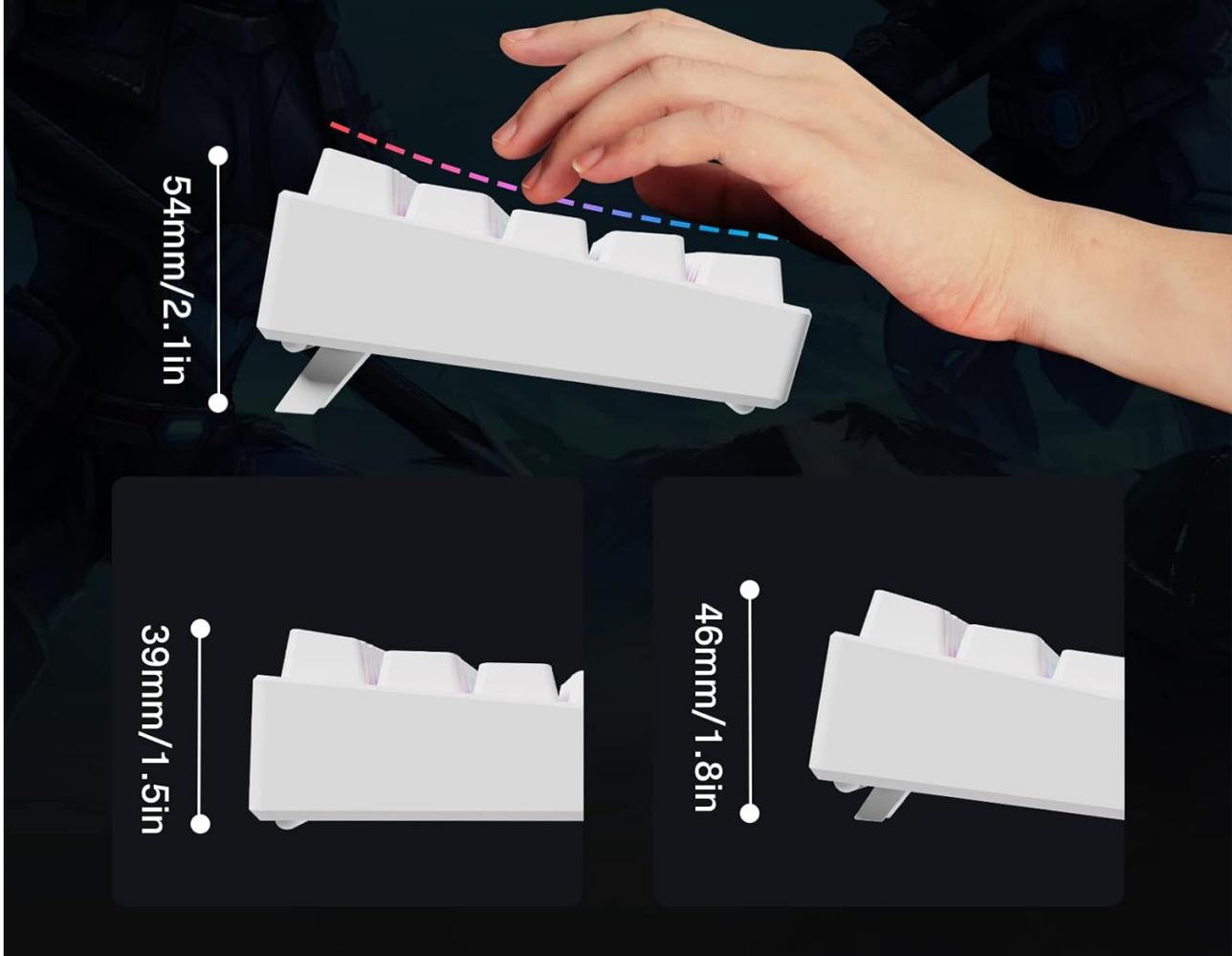
Figure 3.5: Adjustable keyboard angles.

3.6 Official Product Videos

Watch these official videos for a visual guide on the keyboard's features and functionality:

Video 3.6.1: Overview of the Mechanical Gaming Keyboard.

Video 3.6.2: Demonstrating Bluetooth connectivity for the gaming keyboard.

Video 3.6.3: Showcasing the 68 Keys RGB Backlit Ultra-Compact Keyboard.

4. MAINTENANCE

Proper maintenance ensures the longevity and performance of your TECURS KB510 keyboard.

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface. For deeper cleaning, use the provided key puller to remove keycaps and clean dust or debris with compressed air. Avoid using harsh chemicals or abrasive materials.
- **Liquid Spills:** In case of liquid spills, immediately disconnect the keyboard from your device. Turn it upside

down to drain any liquid and allow it to air dry completely before reconnecting. Do not use a hairdryer as excessive heat can damage components.

- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

If you encounter any issues with your keyboard, please refer to the following common solutions:

- **Keyboard not responding (Wired):** Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
- **2.4G Wireless connection issues:** Ensure the 2.4G USB receiver is properly inserted and the keyboard is switched to 2.4G mode. Try moving the keyboard closer to the receiver.
- **Bluetooth pairing failure:** Ensure the keyboard is in pairing mode (FN+Q/W/E key flashing rapidly). Make sure Bluetooth is enabled on your device and it's within range. Remove any previous pairings of the keyboard on your device and try pairing again.
- style="font-weight:bold;">Backlight not working or dim: Press FN+Ins to ensure the backlight is turned on. Adjust brightness using FN+↑. Check battery level with FN+Spacebar and charge if low.
- **Keys not registering or double-typing:** Ensure the keyboard is fully charged. If the issue persists, try cleaning under the keycaps.
- **Short battery life:** Reduce backlight brightness or turn it off when not needed. Ensure the keyboard enters power-saving mode after 2 minutes of inactivity (in BT/2.4G mode).

If the problem persists after trying these steps, please contact TECURS customer support for further assistance.

6. SPECIFICATIONS

Brand	TECURS
Model Number	kb510
Product Dimensions	12.2 x 3.9 x 1.5 inches
Item Weight	1.54 pounds
Connectivity Technology	Bluetooth; USB cable; 2.4G wireless
Keyboard Description	Mechanical Keyboard; Gaming Keyboard
Number of Keys	68
Keyboard Backlighting	RGB
Switch Type	Linear Red Switch
Battery	3000mAh Lithium Ion (included)
Battery Life (Backlight Off)	Up to 70 hours
Battery Life (Backlight On)	Up to 25 hours

Charging Time	6-7 hours
Compatible Devices	Gaming Console, macOS; Windows XP/ Vista/7/8/10/11

7. WARRANTY AND SUPPORT

TECURS products are manufactured to the highest quality standards. For information regarding warranty coverage, please refer to the warranty card included in your product packaging or visit the official TECURS website.

For technical support, troubleshooting assistance, or any inquiries about your product, please contact TECURS customer service through the contact information provided on our website or in your product documentation. You can also refer to the official User Manual PDF for additional details: TECURS KB510 User Manual (PDF).

Related Documents - kb510

	TECURS MK206 Multi-Device Mechanical Keyboard User Manual Comprehensive user manual for the TECURS MK206 Multi-Device Mechanical Keyboard, detailing product parameters, package contents, compatible systems, connection methods (2.4G wireless and Bluetooth), shortcut keys, functions, and important safety precautions. Learn how to set up and use your keyboard for optimal performance.
	Tecurs Mechanical Keyboard User Manual: Features, Setup, and Troubleshooting Comprehensive user manual for the Tecurs Mechanical Keyboard (Model KB510), covering specifications, connection modes (Wired, Bluetooth, 2.4G), function descriptions, backlight controls, troubleshooting, power management, and FCC statements.
	TECURS WK007 Wireless Gaming Keyboard User Manual - Backlit, Silent, Multimedia Keys Comprehensive user manual for the TECURS WK007 wireless gaming keyboard. Learn about setup, features, functions, troubleshooting, and safety precautions for this backlit, silent, ultra-slim keyboard with multimedia keys for Mac and Windows.
	TECURS KB510 Mechanical Keyboard User Manual and Features Comprehensive guide to the TECURS KB510 wireless mechanical keyboard, covering specifications, package contents, compatible systems, product overview, function descriptions, backlight operations, connection modes (Wired, Bluetooth, 2.4G), troubleshooting, power management, and important safety precautions.
	TECURS MK205 Mechanical Gaming Keyboard User Manual - Features, Specs, and Safety Comprehensive user manual for the TECURS MK205 mechanical gaming keyboard. Learn about its features, specifications, key functions, macro definition, and important safety precautions. Includes LED modes, multimedia controls, and compatibility information.

[GM003 Wired Gaming Mouse Macro Configuration Guide](#)
Step-by-step instructions for configuring macros on the GM003 Wired Gaming Mouse using its software, including recording keystrokes and assigning them to mouse buttons for enhanced gaming performance.