

YEYIAN YAT1806-EN

YEYIAN SPARK 2000 TKL RGB Mechanical Gaming Keyboard User Manual

Model: YAT1806-EN

INTRODUCTION

This manual provides comprehensive instructions for the YEYIAN SPARK 2000 TKL RGB Mechanical Gaming Keyboard. Please read this manual thoroughly before using the product to ensure proper operation and to maximize your gaming and typing experience. This keyboard features 87 keys, OUTEMU Red hot-swappable mechanical switches, and customizable RGB backlighting.

PACKAGE CONTENTS

- YEYIAN SPARK 2000 TKL RGB Mechanical Gaming Keyboard
- Keycap Puller
- User Manual

SETUP

Connecting the Keyboard

1. Locate an available USB-A port on your computer.
2. Plug the USB-A connector of the keyboard's braided cable into the USB-A port on your computer.
3. The keyboard is plug-and-play and should be automatically recognized by your operating system. No additional drivers are typically required for basic functionality.

The YEYIAN SPARK 2000 TKL keyboard is compatible with Windows 10/8/7/Vista/XP.



Image: The YEYIAN SPARK 2000 TKL RGB Mechanical Gaming Keyboard connected via its braided USB cable.

OPERATING INSTRUCTIONS

Basic Keyboard Functions

The keyboard functions as a standard 87-key Tenkeyless (TKL) layout. All keys are designed for responsive and accurate input.

RGB Backlighting Control

The keyboard features 16.7 million color combinations and 13 programmable light modes. You can adjust brightness levels and breathing speed.

- **Changing Light Modes:** Use the dedicated function keys (often combined with the 'Fn' key) to cycle through the 13 available lighting effects. Refer to the keyboard's keycap legends for specific combinations.
- **Adjusting Brightness:** Use the designated key combinations (e.g., Fn + Up/Down arrow keys) to increase or decrease the backlight brightness.
- **Adjusting Speed:** Use the designated key combinations (e.g., Fn + Left/Right arrow keys) to change the speed of dynamic lighting effects.

RADIANT TECHNOLOGY

16.7 MILLION VIBRANT COLORS



YEYIAN RADIANT RGB
TECHNOLOGY



Image: Close-up view of the keyboard's RGB backlighting, showcasing vibrant colors.

Multimedia Function Keys

The keyboard includes 12 multimedia function keys, accessible by pressing the 'Fn' key in combination with the F1-F12 keys. These keys allow for quick control over media playback, volume, and other system functions.

Anti-Ghosting and N-Key Rollover

The YEYIAN SPARK 2000 features Anti-Ghosting and N-Key Rollover technology. This ensures that every keypress is detected accurately, regardless of how many keys are pressed simultaneously, which is crucial for fast-paced gaming.



Image: A user operating the YEYIAN SPARK 2000 TKL keyboard during a gaming session, highlighting its use in a performance environment.

MAINTENANCE

Cleaning the Keyboard

To maintain optimal performance and appearance:

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, dry cloth to wipe down the keycaps and frame.
- For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the keyboard.
- Use compressed air to remove dust and debris from between the keys.

Hot-Swappable Switches

The YEYIAN SPARK 2000 features hot-swappable OUTEMU Red mechanical switches, allowing for easy replacement or customization without soldering. This keyboard is compatible with MX-type switches from Cherry, Gateron, and Kailh.

1. Using the included keycap puller, gently remove the desired keycap.
2. Using a switch puller (not included, but commonly available), carefully grip the switch and pull it straight up to remove it from the PCB.
3. Align the pins of the new switch with the holes on the PCB and press down firmly until it clicks into place.
4. Reattach the keycap.

**PRO-LEVEL PERFORMANCE SWITCHES
TACTILITY & DURABILITY**



OUTEMU RED SWITCHES

Image: Detailed view of the OUTEMU Red mechanical switches, highlighting their hot-swappable design.

Dust and Water Resistance

The keyboard has an IP42 dust and water-resistant splash-proof rating. While it offers protection against minor splashes and dust, it is not fully waterproof. Avoid submerging the keyboard in liquid or exposing it to heavy water streams.

TROUBLESHOOTING

• Keyboard Not Responding:

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

• Keys Not Registering or Double-Typing:

- This could indicate a faulty switch. Utilize the hot-swappable feature to replace the affected switch.
- Ensure no debris is lodged under the keycap or switch.

- **RGB Lighting Not Working or Incorrect:**
 - Check if the lighting is turned off or set to minimum brightness using the keyboard's function keys.
 - Cycle through the lighting modes to see if it responds.
 - Disconnect and reconnect the keyboard.
- **Multimedia Keys Not Functioning:**
 - Ensure you are pressing the 'Fn' key simultaneously with the desired F-key.

If issues persist after attempting these troubleshooting steps, please contact YEYIAN customer support for further assistance.

SPECIFICATIONS

Model Number	YAT1806-EN
Switch Type	OUTEMU Red Mechanical (Hot-Swappable)
Keystroke Life	50 Million Keystrokes
Actuation Distance	3.6 +/- 0.4mm
Actuation Pressure	40 +/- 15gm
Backlighting	RGB LED, 16.7 Million Colors, 13 Modes
Connectivity	USB-A (Tethered, Braided Cable)
Cable Length	5 ft
Anti-Ghosting	Yes
N-Key Rollover	Yes
Material	Steel Alloy and ABS Construction
Dust/Water Resistance	IP42 Splash-Proof
Dimensions (L x W x H)	14" x 5.3" x 1.3" (35.56 cm x 13.46 cm x 3.3 cm)
Weight	1.6 pounds (0.73 kg)
Compatibility	Windows 10/8/7/Vista/XP

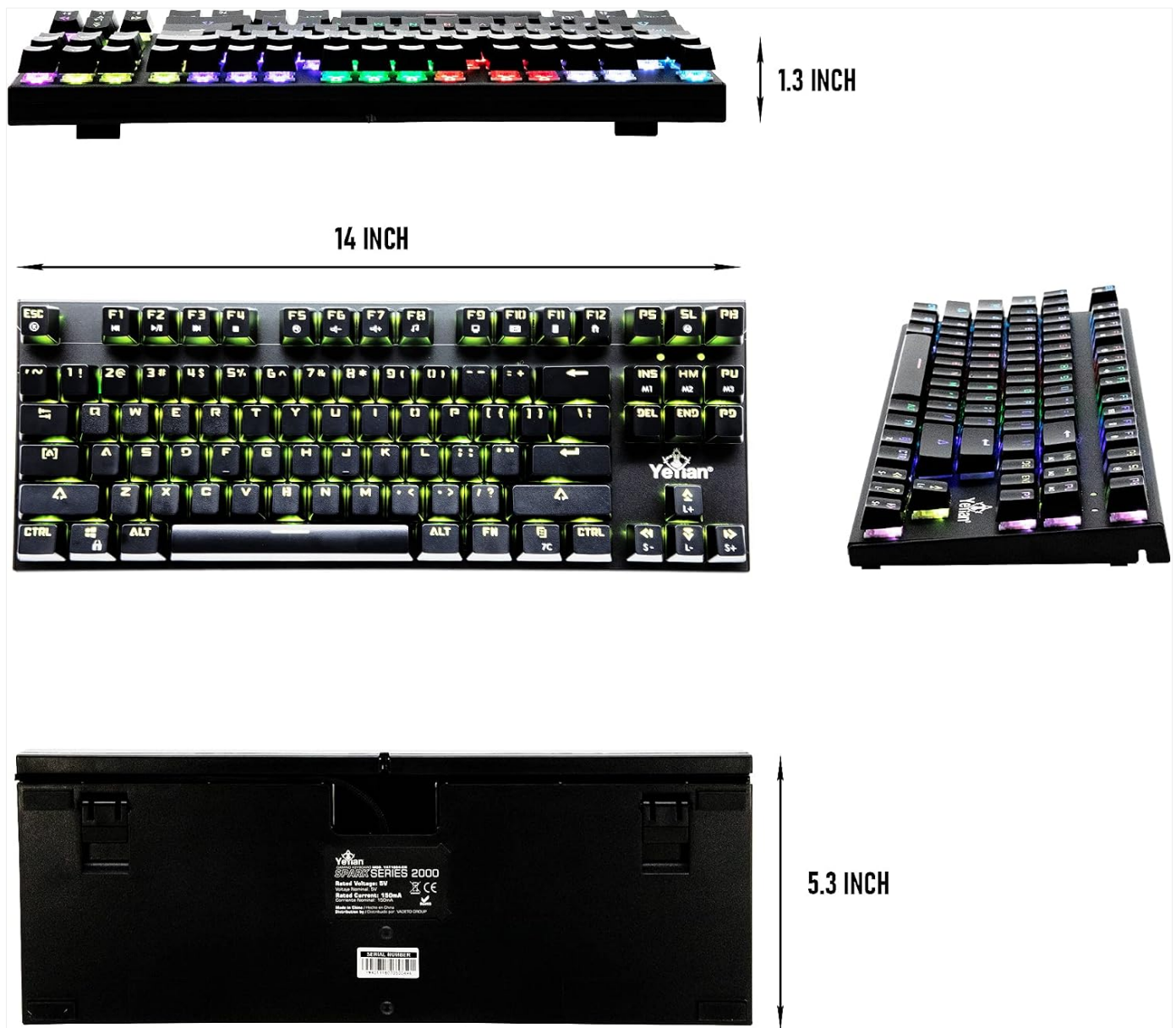


Image: Diagram illustrating the dimensions of the YEYIAN SPARK 2000 TKL keyboard.

WARRANTY AND SUPPORT

Warranty Information

The YEYIAN SPARK 2000 TKL RGB Mechanical Gaming Keyboard comes with a **1-year warranty** covering parts and labor from the date of purchase. This warranty covers manufacturing defects and normal operational failures. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper maintenance.

Customer Support

For technical assistance, warranty claims, or any questions regarding your YEYIAN product, please visit the official YEYIAN website or contact their customer support team. Please have your product model number (YAT1806-EN) and proof of purchase ready when contacting support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question