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› Punkston TK104 Mechanical Gaming Keyboard User Manual

Punkston TK104

Punkston TK104 Mechanical Gaming Keyboard User Manual

Model: TK104

INTRODUCTION

Thank you for choosing the Punkston TK104 Mechanical Gaming Keyboard. This full-size 104-key wired keyboard is designed for gaming and general use, featuring durable mechanical switches, customizable RGB backlighting, and anti-ghosting capabilities. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your keyboard.

PACKAGE CONTENTS

- Punkston TK104 Mechanical Gaming Keyboard
- Keycap Puller
- User Manual



Image: The Punkston TK104 keyboard shown with its included USB cable and keycap puller.

SETUP

1. **Connect the Keyboard:** Plug the USB cable of the Punkston TK104 keyboard into an available USB port on your computer.
2. **Driver Installation:** The keyboard is plug-and-play. Your operating system will automatically detect and install the necessary drivers. No additional software installation is required for basic functionality.
3. **Adjust Keyboard Angle:** Utilize the foldable stands located on the underside of the keyboard to adjust the typing angle for ergonomic comfort.
4. **Cable Management:** The keyboard features grooves on the underside to neatly route the USB cable in three different directions, helping to keep your desk organized.



Image: The underside of the keyboard illustrating the adjustable stand and cable routing options for organized setup.

OPERATING INSTRUCTIONS

RGB Backlighting

The TK104 keyboard features vibrant RGB backlighting with multiple customization options:

- **23 Rainbow Modes:** Cycle through various pre-set lighting effects.
- **Adjustable Brightness:** Increase or decrease the intensity of the backlight.
- **Adjustable Lighting Speed:** Control the speed of dynamic lighting effects.
- **Lights On/Off:** Toggle the backlighting on or off as desired.



Image: The keyboard showcasing its RGB lighting capabilities and icons representing various lighting controls.

Custom Software and Macro Settings

For advanced customization, the Punkston TK104 supports custom software that allows you to:

- **Remap Keys:** Assign new functions to individual keys.
- **Record Macros:** Create and execute complex sequences of keystrokes with a single key press.
- **Customize RGB Lighting:** Fine-tune lighting effects beyond the onboard modes.

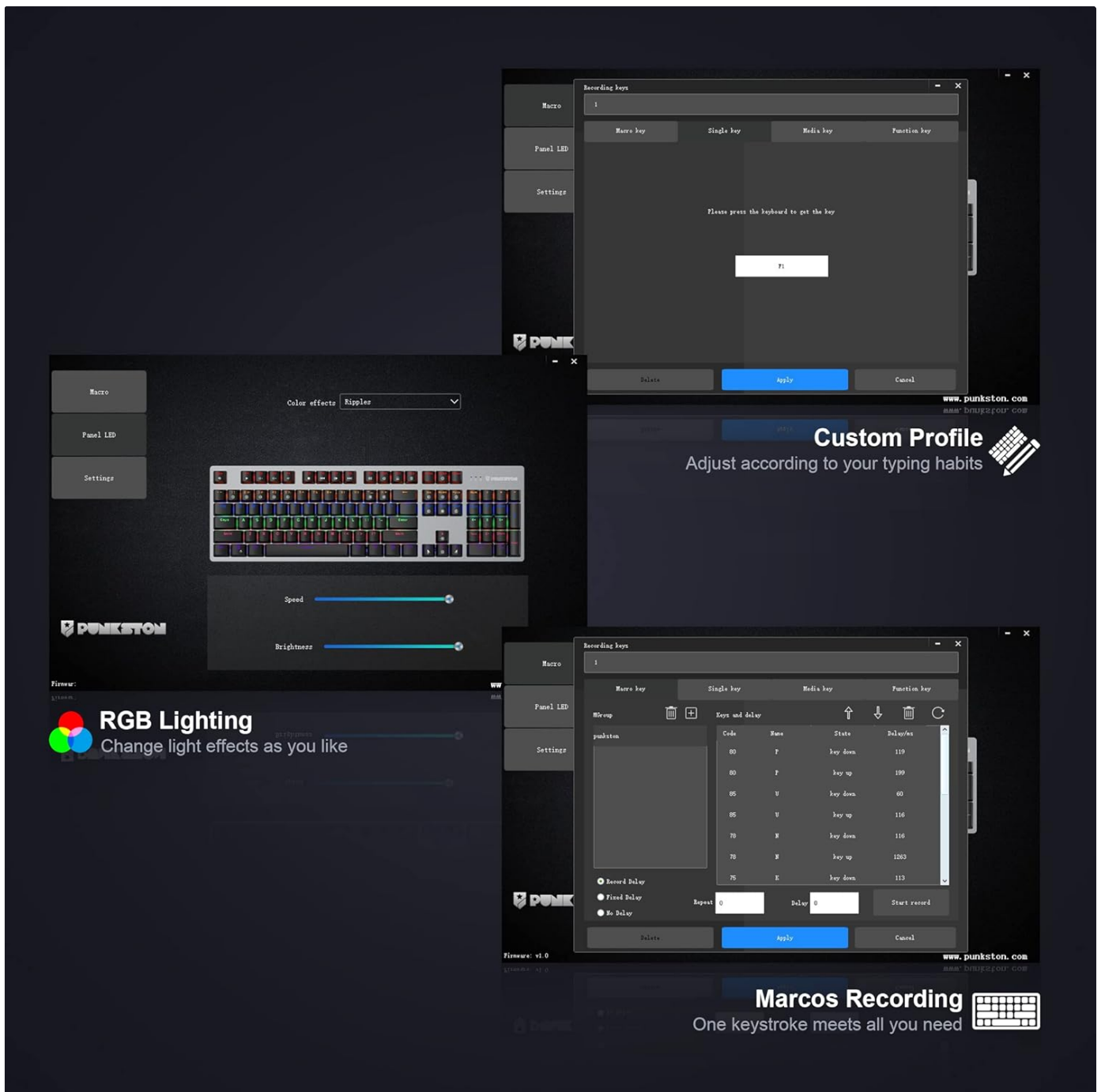


Image: Software interface demonstrating options for custom profiles, RGB lighting adjustments, and macro recording.

Multimedia Shortcut Keys

The keyboard is equipped with 12 dedicated multimedia shortcut keys for quick access to common functions.

Anti-Ghosting

The TK104 features full key anti-ghosting, ensuring that every key press is registered accurately, even during rapid and simultaneous keystrokes, which is crucial for gaming.

MECHANICAL SWITCHES

The Punkston TK104 keyboard is available with different mechanical switch types, each offering a distinct typing experience:

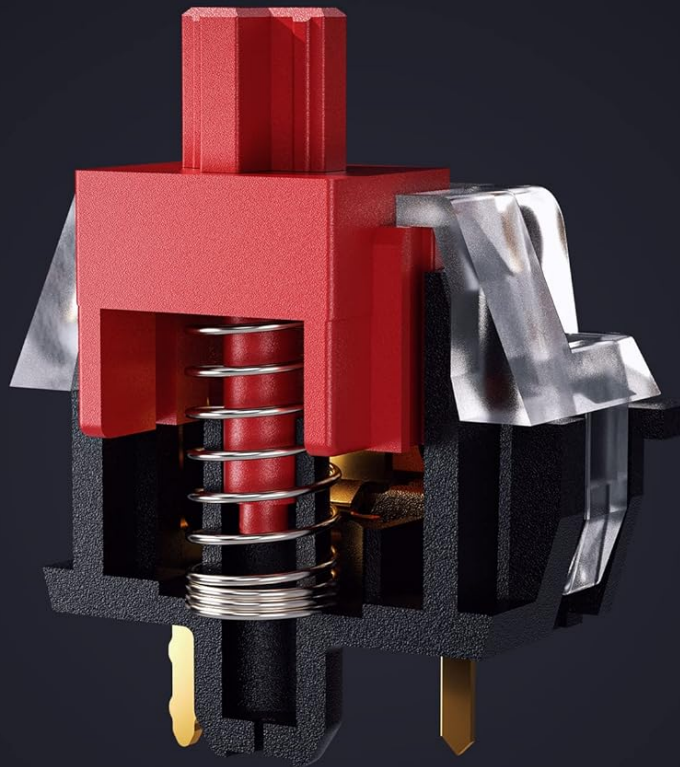
- **Red Switches:** These switches produce extremely smooth keystrokes without a tactile bump, ideal for fast-paced

gaming and quiet environments. They have a lifespan of up to 50 million clicks.

- **Blue Switches:** These switches offer a clicky and tactile design, providing an audible click and a noticeable bump with each keystroke, preferred by many for typing accuracy and feedback. They also have a lifespan of up to 50 million clicks.

TWO SWITCHES AVAILABLE

Up to 50M click life span



50 Million
Stronger
Durability



2.0mm
Travel
Distance

Image: Detailed view of a red mechanical switch, highlighting its components and specifications.

Mechanical Switches (Cherry MX Equivalent)

Ultra-durable Keys tested over 50 million keystrokes



50 ± 10 gf
Actuation Force



2.0 ± 0.6 mm
Keystroke Travel

Tactile & Clicky

BLUE SWITCH



45 ± 10 gf
Actuation Force



2.0 ± 0.6 mm
Keystroke Travel

Linear & Quiet

RED SWITCH

Image: A comparison graphic detailing the specifications and characteristics of both Blue and Red mechanical switches.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your keyboard.

- **Cleaning Keycaps:** The keyboard features doubleshot ABS keycaps designed to withstand prolonged use without their labeling wearing off. To clean, gently remove keycaps using the included keycap puller. Wipe them with a soft, damp cloth. Ensure keycaps are completely dry before reattaching.
- **Cleaning the Keyboard Base:** Use a soft brush or compressed air to remove dust and debris from between the keys and from the metal panel. Wipe the metal panel with a dry or slightly damp cloth.
- **Spill Management:** In case of liquid spills, immediately unplug the keyboard from your computer. Invert the keyboard to drain liquid and allow it to dry completely for at least 24-48 hours before reconnecting.

ABS KEYCAPS

ABS material provides excellent touch



Image: A close-up view of an ABS keycap, emphasizing its durable construction.



METAL PANEL

Image: The keyboard's metal panel, indicating its robust build quality.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection, faulty USB port, driver issue.	<ul style="list-style-type: none"> ◦ Ensure the USB cable is securely plugged into both the keyboard and the computer. ◦ Try a different USB port on your computer. ◦ Restart your computer. ◦ Check Device Manager (Windows) for any keyboard-related errors and update drivers if necessary.
Keys are double-pressing or not registering	Dust/debris under keycap, switch malfunction, software glitch.	<ul style="list-style-type: none"> ◦ Remove the affected keycap using the keycap puller and clean the switch area with compressed air. ◦ If using custom software, try resetting keyboard settings to default. ◦ Test the keyboard on another computer to rule out system-specific issues.
Backlighting not working or incorrect	Lighting mode setting, software conflict.	<ul style="list-style-type: none"> ◦ Ensure backlighting is turned on using the keyboard's dedicated controls. ◦ Cycle through different lighting modes to see if other effects work. ◦ If using custom software, check lighting settings within the application.

SPECIFICATIONS

Feature	Detail
Brand	Punkston
Model Name	TK104
Connectivity Technology	USB Wired
Number of Keys	104
Keyboard Layout	QWERTY
Mechanical Switch Type	Red (Linear & Quiet) or Blue (Tactile & Clicky)
Switch Lifespan	Up to 50 million clicks
Backlighting	RGB (23 modes, adjustable brightness/speed)
Anti-Ghosting	Full Key Anti-Ghosting
Material	Metal, Plastic (Doubleshot ABS Keycaps)
Special Features	Adjustable Angle, Foldable Stand, Cable Management Grooves, Custom Software Support, 12 Multimedia Shortcut Keys
Item Weight	2.6 Pounds

PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video: An official product video showcasing the features and design of the Punkston TK104 Mechanical Gaming Keyboard, including its RGB lighting, mechanical switches, and ergonomic design.

WARRANTY AND SUPPORT

Punkston products are designed for durability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official Punkston website. For technical support or further assistance, please contact Punkston customer service through their official channels.

