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> Punkston TH61 60% Mechanical Gaming Keyboard User Manual

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Punkston TH61 60% Mechanical Gaming Keyboard User Manual

Model: TH61 | Brand: Punkston

PRODUCT OVERVIEW

The Punkston TH61 is a 60% ultra-compact mechanical gaming keyboard designed for performance and customization. It features RGB backlighting, hot-swappable optical switches, and programmable macro functionality through dedicated software.



Image: The Punkston TH61 mechanical gaming keyboard, showcasing its compact 60% layout and vibrant RGB backlighting.

ULTRA-COMPACT BUT FULLY EQUIPPED

60% Layout



Image: The ultra-compact Punkston TH61 keyboard positioned in a gaming setup, highlighting its small footprint while being fully equipped for gaming.

SETUP

Package Contents

- Punkston TH61 Mechanical Gaming Keyboard
- USB-C to USB-A Cable
- Keycap Puller
- Switch Puller
- Sample Optical Switches (Blue, Black, Yellow, Red)
- User Manual (PDF available online)

Connecting Your Keyboard

The TH61 keyboard connects to your PC via a wired USB connection. Use the provided USB-C to USB-A cable to connect the keyboard to an available USB port on your computer.



Image: The USB-C port located on the side of the keyboard for wired connection.

The keyboard is compatible with PC systems. Please note that the custom software for macros and lighting customization is currently only supported on Windows operating systems, not Mac OS.

Initial Power On and RGB Display

Upon connecting, the keyboard's RGB backlight will illuminate, cycling through various preset effects. You can begin using the keyboard immediately for typing and gaming.

Your browser does not support the video tag.

Video: An official product video demonstrating the features of the TH61 keyboard, including its RGB lighting, optical switches, and software capabilities.

OPERATING INSTRUCTIONS

RGB Backlight Customization

The TH61 features a customizable RGB backlight with 5 custom modes and 13 unique preset effects. You can adjust brightness, color, and backlight cycling speed directly from the keyboard using function key combinations.

GORGEOUS COLORFUL RGB BACKLIGHT

Download Software, Editing Per-Key Color

RGB



Backlit turn on/off



5 brightness &
5 speeds



13 Lighting Effects



Customizable
backlit

Image: Visual representation of the keyboard's RGB backlight features, including turn on/off, brightness/speed adjustments, and various lighting effects.

For advanced customization, including per-key color editing and additional lighting effects, download the dedicated Punkston software (Windows only).

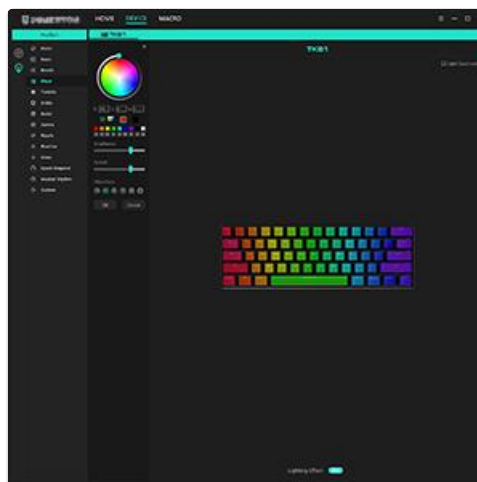


Image: Screenshot of the Punkston software interface showing options for RGB lighting customization.

Programmable Macros and Key Remapping

The custom software allows for recording macros and remapping keys to perform complex commands, enhancing your gaming and productivity experience.

Programmable Macro Functionality
RGB Backlit Customization
Key Remapping

All keys are programmable
All keys can be remapped
Setting color and chroma in individual key

Remap keys

RGB Lighting

Macro Setting

Image: Overview of the software's capabilities for programmable macros, key remapping, and RGB lighting settings.

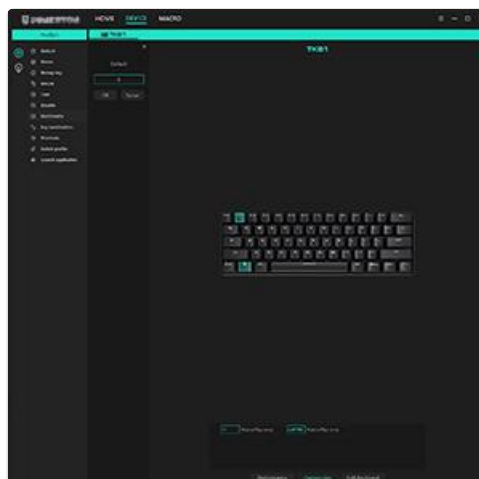


Image: Screenshot of the Punkston software interface showing options for remapping keys.

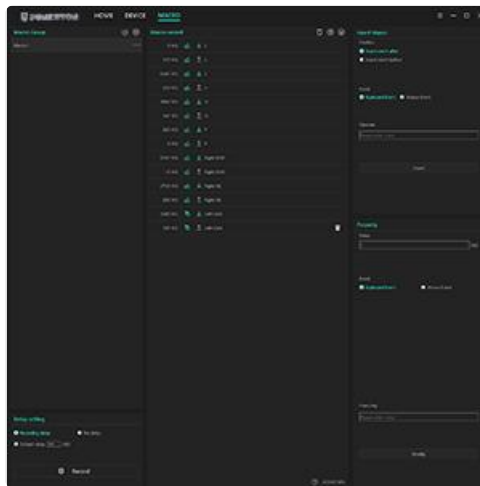


Image: Screenshot of the Punkston software interface showing options for macro settings.

Function Key Combinations

The keyboard's compact design utilizes function key combinations for various controls. Refer to the included manual or the quick reference markings on the keycaps for media controls, lighting adjustments, and other functions.



Image: Close-up view of the keycaps, showing the secondary functions printed on them for quick reference.

MAINTENANCE

Cleaning and Spill Resistance

The TH61 keyboard features an IPX4 waterproof rating, meaning it is resistant to splashes. In case of spilled drinks, the design includes drainage holes to quickly drain water, making it easy to clean. Always disconnect the keyboard before cleaning.



Image: The keyboard being splashed with water, illustrating its IPX4 splash-proof design.

Hot-Swappable Optical Switches

The keyboard is equipped with hot-swappable optical switches, allowing you to easily change switches without soldering. This enables customization of typing feel and sound.



Image: A close-up showing the hot-swappable optical switches being removed from the keyboard, indicating ease of customization.

Use the provided switch puller tool to carefully remove and replace switches. Ensure you only use optical switches for replacement, as traditional 3-pin or 5-pin mechanical switches are not compatible with this keyboard's optical PCB.



Image: The specialized tool used for safely removing and installing optical switches.



Image: Demonstration of how to remove keycaps from the keyboard, a necessary step before accessing switches.

TROUBLESHOOTING

Common Issues and Solutions

- **Keyboard not responding:** Ensure the USB cable is securely connected to both the keyboard and your computer. Try a different USB port or a different cable if available.
- **RGB lighting not working:** Check the function key combinations for turning the backlight on/off or adjusting brightness. Ensure the software is installed and running correctly if you are using custom profiles.
- **Software not detecting keyboard:** Verify that the keyboard is properly connected. Reinstall the software if necessary. Remember, the software is Windows-only.
- **Keys not registering:** If individual keys are not working, they might need to be reseated or replaced. Use the switch puller to carefully remove the keycap and then the switch, then reinsert or replace it.
- **Incorrect key output:** If keys are producing unexpected characters, ensure no macros are accidentally enabled. You can reset the keyboard to factory settings via the software or a specific function key combination (refer to the manual).

SPECIFICATIONS

Feature	Detail
Product Dimensions	11.5 x 4 x 1.6 inches
Item Weight	1.7 pounds
Manufacturer	Punkston
Item Model Number	TH61
Connectivity Technology	USB Wired
Compatible Devices	PC
Keyboard Description	60% Mechanical Gaming Keyboard
Recommended Uses	Gaming
Special Feature	IPX4 Waterproof
Color	Black (RGB Backlight)
Number of Keys	61
Keyboard Backlighting	RGB
Switch Type	Optical (Red Switch variant mentioned in title)

Optical Switch Types

The TH61 keyboard is available with different optical switch types, each offering a unique feel:

- **Red Switch:** Linear, ideal for midway games and office use.
- **Blue Switch:** Clicky, preferred by typists and programmers.
- **Brown Switch:** Linear, suitable for office and gaming.
- **Black Switch:** Linear/Softer Tactile, for office and gaming.



Image: A visual guide to the different optical switch types available for the keyboard, detailing their characteristics.



HYPER-FAST RESPONSE IN INTENSE GAMING AND RAPID TYPING

Optical Switches Faster Than Traditional Switches

Image: An illustration highlighting the hyper-fast response of optical switches, which are faster than traditional mechanical switches.

WARRANTY AND SUPPORT

For detailed warranty information and further support, please refer to the official Punkston brand store or the comprehensive Instructions for Use (IFU) PDF document.

- [Official User Guide \(PDF\): Download PDF](#)
- [Punkston Brand Store: Visit Store](#)