

NZXT KB-175US-WR

NZXT Function MiniTKL Wired Mechanical Gaming Keyboard User Manual

Model: KB-175US-WR

INTRODUCTION

The NZXT Function MiniTKL mechanical keyboard, model KB-175US-WR, is designed for PC gaming. It features a durable aluminum top plate, Gateron Red linear mechanical switches, and customizable RGB lighting. This manual provides instructions for setting up, operating, maintaining, and troubleshooting your keyboard.

PRODUCT FEATURES

- **Compact Design:** The MiniTKL layout includes all keys of a tenkeyless keyboard, such as the function row and arrow keys, in a minimized form factor.
- **High-Speed, Hot-Swappable Switches:** Equipped with Gateron Red linear mechanical switches for fast, lightweight, and quiet operation. Switches are hot-swappable for easy customization.
- **Smooth Keypresses:** Features pre-lubricated switches, stabilizers, and sound-dampening foam to ensure smooth and quiet keypresses.
- **Durable Construction:** The top plate is crafted from aerospace-grade aluminum for enhanced durability and a premium finish.
- **NZXT CAM Software Integration:** Allows control over per-key RGB lighting, macro programming, and creation of onboard profiles.

PACKAGE CONTENTS

Verify that all items are present in your package:

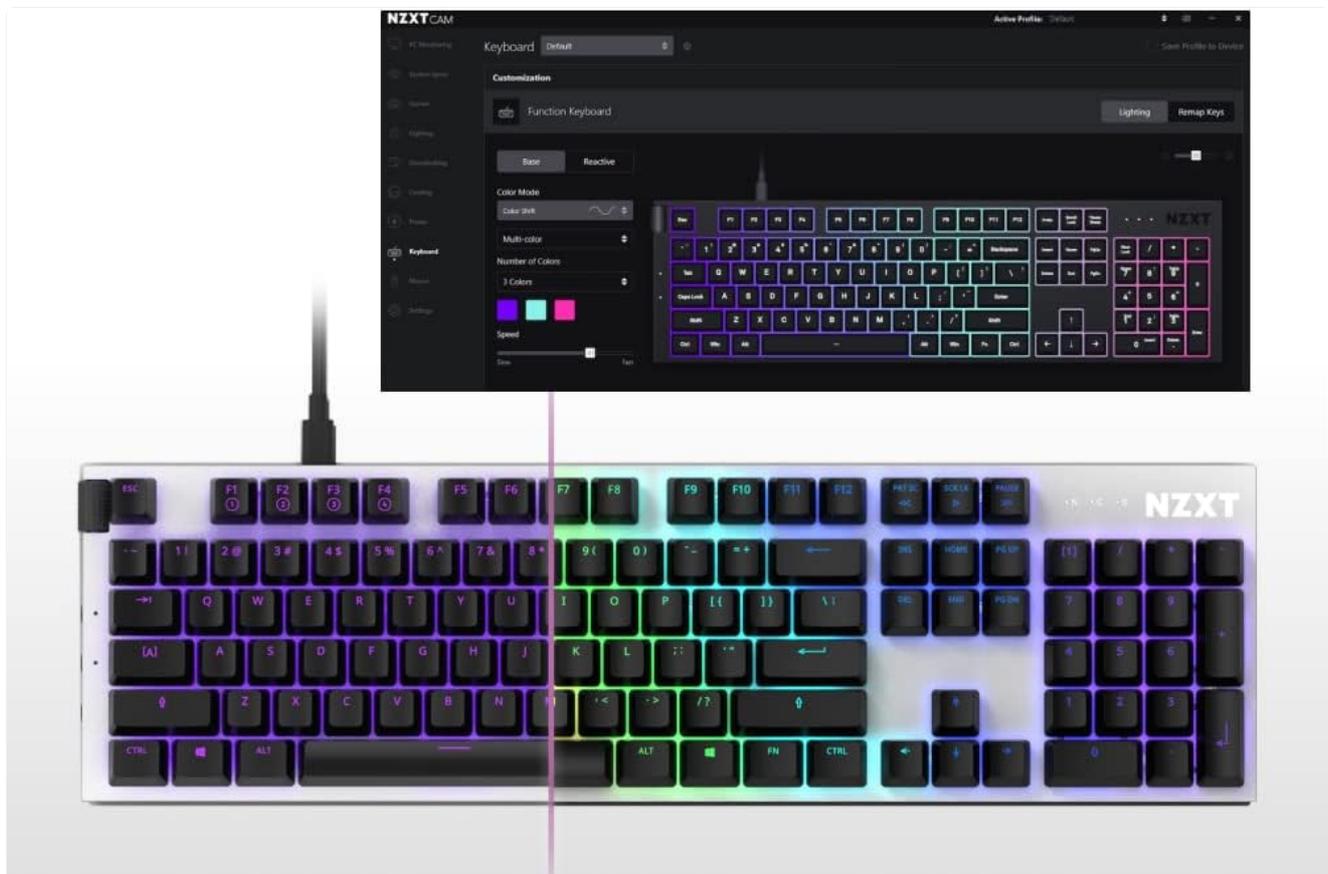
- NZXT Function MiniTKL Wired Mechanical Gaming Keyboard
- USB Cable
- Keycap/Switch Puller Tools (as shown in image)



Image: Keyboard with exposed switch and included keycap/switch puller tools.

SETUP

1. **Unpack the Keyboard:** Carefully remove the keyboard and its accessories from the packaging.
2. **Connect the USB Cable:** Insert the USB-C end of the provided cable into the port on the keyboard and the USB-A end into an available USB port on your PC.
3. **System Requirements:** The keyboard is compatible with PC running Windows 10 or Windows 11.
4. **Install NZXT CAM Software:** For full customization of RGB lighting, macros, and profiles, download and install the NZXT CAM software from the official NZXT website.



CUSTOMIZE WITH CAM

Control per-key RGB lighting, program macros, and create onboard profiles using NZXT CAM software.

Image: Keyboard diagram showing connection points and control features.

OPERATING INSTRUCTIONS

Basic Usage

Once connected, the keyboard will be recognized by your operating system and ready for use. The standard QWERTY layout functions as expected. The MiniTKL design integrates the function row (F1-F12) and arrow keys within a compact footprint.

Integrated Controls

- **Volume Wheel:** Located on the left side of the keyboard, this wheel allows for easy adjustment of audio volume.
- **Programmable Buttons:** Three programmable buttons are located on the left side, below the volume wheel. These can be customized via the NZXT CAM software.
- **Lighting Brightness:** Adjust RGB lighting intensity using dedicated controls or through the CAM software.
- **Windows Lock:** A dedicated button to disable the Windows key, preventing accidental presses during gaming.
- **Mute Button:** Quickly mute or unmute audio.



Image: Left side controls including volume wheel and programmable buttons.

CUSTOMIZATION

NZXT CAM Software

The NZXT CAM software is essential for unlocking the full customization potential of your keyboard. It allows you to:

- Control per-key RGB lighting effects and colors.
- Program macros for complex command sequences.
- Create and manage up to four onboard profiles, allowing you to switch settings without the software running.

Hot-Swappable Switches

The keyboard features hot-swappable key switch sockets, enabling you to easily change switches without soldering. This allows for personalized typing feel and sound. Use the included keycap and switch puller tools for safe removal and installation.



Image: Keyboard customization via NZXT CAM software.



Image: Keyboard plate showing hot-swappable switch sockets.

MAINTENANCE

Cleaning

To maintain optimal performance and appearance, regularly clean your keyboard:

- Use a soft, lint-free cloth to wipe down the keycaps and aluminum top plate.
- For dust and debris between keys, use compressed air.
- For stubborn grime, lightly dampen a cloth with water or a mild cleaning solution (avoid harsh chemicals).

Keycap and Switch Replacement

The hot-swappable design allows for easy replacement of keycaps and switches. Use the provided tools to carefully remove components. Ensure proper alignment when installing new switches to avoid bending pins.



Image: Side profile of the keyboard, illustrating its construction.

TROUBLESHOOTING

- **Keyboard Not Responding:** Ensure the USB cable is securely connected to both the keyboard and the PC. Try a different USB port.
- **RGB Lighting Issues:** Check the NZXT CAM software for lighting settings. Ensure the software is up to date. If issues persist, try reinstalling the software.
- **Keys Not Registering:** If a specific key is not working, carefully remove the keycap and switch using the

provided tools. Re-seat the switch firmly. If the issue continues, the switch may need replacement.

- **Software Not Detecting Keyboard:** Ensure the NZXT CAM software is the latest version. Restart your PC and the software.

SPECIFICATIONS

Feature	Detail
Brand	NZXT
Model Number	KB-175US-WR
Series	Function Mini TKL Keyboard
Connectivity Technology	USB (Wired)
Switches	Gateron Red Linear Mechanical (Hot-Swappable)
Keycap Profile	Low Profile
Backlighting	RGB (Per-key customizable)
Top Plate Material	Aerospace-grade Aluminum
Operating System	PC / Windows 10, Windows 11
Item Weight	2 pounds
Product Dimensions (LxWxH)	12.99 x 1.57 x 4.72 inches
Color	White

WARRANTY AND SUPPORT

For detailed warranty information, technical support, and additional resources, please visit the official NZXT website. You can also find information regarding optional protection plans for your product.

Online Resources: [NZXT Support Website](#)