

BAJEAL 61-Key Mechanical Keyboard

BAJEAL 61-Key Wired Gaming Mechanical Keyboard User Manual

Model: 61-Key Mechanical Keyboard

1. INTRODUCTION

This user manual provides comprehensive instructions for the BAJEAL 61-Key Wired Gaming Mechanical Keyboard. It covers product features, setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. Please read this manual thoroughly before using the keyboard.

2. PRODUCT FEATURES

- **60% Compact Layout:** Features 61 keys, providing a compact design that frees up desk space for mouse movement. Includes anti-ghosting for 26 keys, enhancing gaming performance.
- **RGB LED Rainbow Backlight:** Supports 9 RGB lighting effects with multi-level brightness adjustments. Premium keycaps ensure clear and even backlighting.
- **High-Quality Construction:** Equipped with plastic frosted keycaps for excellent tactile feedback and a durability of 50 million keystrokes. The thick anti-interference Type-C cable is detachable for convenient use and portability.
- **Blue Switches:** High-quality blue switches deliver a clear "Click" sound and precise tactile feedback, offering comfortable and accurate responsiveness for both typing and gaming. The hot-swappable design allows for easy switch replacement using the included puller.
- **Broad Compatibility:** Compatible with Windows and limited MacOS operating systems.



Figure 2.1: The BAJEAL 61-Key Wired Gaming Mechanical Keyboard, showcasing its compact design and vibrant RGB backlighting. The image also displays the included switch puller and two extra blue switches, highlighting the hot-swappable feature.

3. PACKAGE CONTENTS

The package includes the following items:

- 1 x Wired Mechanical Keyboard
- 1 x Switch Puller
- 2 x Blue Switches (extra)
- 1 x Instruction Manual

4. SPECIFICATIONS

Specification	Value
Package Dimensions	13.19 x 5.12 x 1.89 inches
Item Weight	1.32 pounds
Manufacturer	BAJEAL

ASIN	B09FFC338Z
Date First Available	September 3, 2021
Compatible Devices	PC
Connectivity Technology	USB-C
Keyboard Description	Gaming
Recommended Uses For Product	Desk
Special Feature	Ergonomic
Color	black
Number of Keys	61
Style	Modern
Product Dimensions	11.42"L x 3.94"W x 1.19"H



Figure 4.1: Visual representation of the keyboard's compact dimensions (11.3 inches length, 3.8 inches width) and the convenience of its detachable Type-C cable, making it small and portable.

5. SETUP

5.1 Connecting the Keyboard

The BAJEAL 61-Key Mechanical Keyboard connects via a detachable USB Type-C cable. Follow these steps to connect your keyboard:

1. Locate the USB Type-C port on the left side of the keyboard.
2. Insert the smaller end of the provided USB Type-C cable into the keyboard's port.
3. Connect the larger USB-A end of the cable to an available USB port on your computer.
4. The keyboard will be automatically recognized by your operating system and ready for use.

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Video 5.1: Demonstration of connecting the BAJEAL 61-Key keyboard via its detachable Type-C cable. The video also highlights the hot-

swappable switch feature and various RGB lighting effects.



Figure 5.1: Detailed views of the keyboard's features, including the convenient and quick-to-separate Type-C cable, the mechanical shaft body (switches), soft corners for ergonomic comfort, and the durable two-color injection molding keycaps.

6. OPERATING INSTRUCTIONS

6.1 RGB Backlight Control

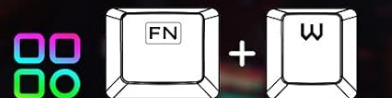
The keyboard features multiple RGB backlight effects. Use the following key combinations to control the lighting:

- **Fn + |**: Adjust backlight modes (cycle through 9 effects).
- **Fn + W**: Switch WASD keys to arrow keys functionality.
- **Fn + <** or **Fn + >**: Adjust backlight movement speed.
- **Fn + ↑** or **Fn + ↓**: Adjust backlight brightness.

MULTIPLE RAINBOW BACKLIGHT EFFECTS



Adjust backlight modes



Switch WASD to ↑ ↓ ← →



Adjust backlight movement speed



Adjust backlight brightness

Figure 6.1: Instructions for controlling the multiple rainbow backlight effects using Function (Fn) key combinations. This includes changing lighting modes, adjusting movement speed, and modifying brightness levels.

6.2 Anti-Ghosting

The keyboard supports anti-ghosting for 26 keys, ensuring that multiple simultaneous key presses are registered accurately, which is crucial for gaming. This prevents missed commands during intense gameplay.

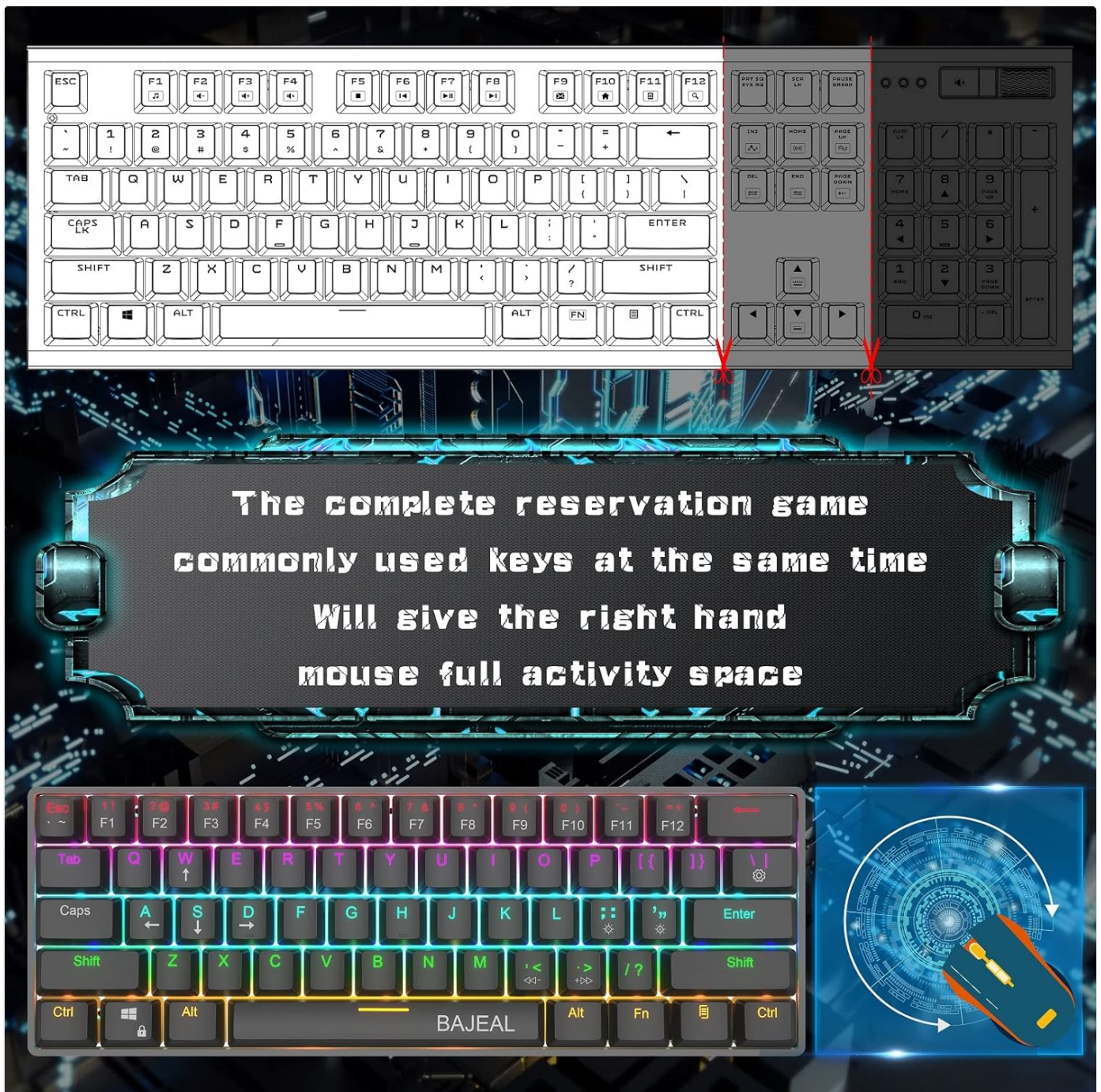


Figure 6.2: This image illustrates the compact nature of the 61-key layout compared to a full-sized keyboard, emphasizing how it provides ample space for mouse activity, especially beneficial for gaming.

7. MAINTENANCE

7.1 Cleaning the Keyboard

To maintain the keyboard's appearance and functionality, regular cleaning is recommended:

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and chassis.
- For dust and debris between keys, use compressed air or a small brush.
- Avoid using harsh chemicals or abrasive materials, as they may damage the keyboard's finish.

7.2 Replacing Switches (Hot-Swappable)

The BAJEAL keyboard features hot-swappable switches, allowing you to easily replace individual switches without soldering. This is useful for customizing your typing experience or replacing a faulty switch.

1. Using the included shaft puller, gently grip the switch you wish to remove.
2. Pull straight up with even pressure until the switch detaches from the PCB.
3. Align the pins of the new switch with the holes on the PCB.
4. Gently push the new switch down until it clicks into place. Ensure the pins are not bent.



Figure 7.1: The keyboard comes with a free shaft puller and two additional blue switches, enabling users to easily replace or customize their mechanical switches.

8. TROUBLESHOOTING

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

- **Keyboard Not Responding:**
 - Ensure the USB Type-C cable is securely connected to both the keyboard and your computer.
 - Try connecting the keyboard to a different USB port on your computer.
 - Restart your computer.

- Test the keyboard on another computer if possible to rule out system-specific issues.

- **Backlight Not Working or Incorrect:**

- Ensure the keyboard is properly powered.
- Use the Fn + ↑/↓ keys to adjust brightness.
- Use the Fn + | key to cycle through different lighting modes.

- **Keys Not Registering:**

- Check if the specific key is physically stuck or obstructed.
- If it's a hot-swappable switch, try removing and re-inserting the switch for that key. You can also try swapping it with one of the included extra switches.

9. WARRANTY AND SUPPORT

BAJEAL is committed to providing customers with the best service and quality products. If you encounter any problems with your product, please do not hesitate to contact us. We will respond and provide assistance within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official BAJEAL website.