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> EagleTec KG050-BR Low Profile Blue LED Backlit Mechanical Gaming Keyboard User Manual

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Model: KG050-BR | Brand: EagleTec

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your EagleTec KG050-BR Low Profile Blue LED Backlit Mechanical Gaming Keyboard. Please read this manual thoroughly to ensure proper use and to maximize your keyboard's performance.



Image: The EagleTec KG050-BR mechanical gaming keyboard, featuring blue LED backlighting and a full 104-key layout.

PACKAGE CONTENTS

Verify that all items are present in the package:

- EagleTec KG050-BR Low Profile Blue LED Backlit Mechanical Gaming Keyboard
- USB Cable (integrated)
- User Manual (this document)

SETUP

Follow these steps to connect your keyboard to your computer:

1. **Connect the USB Cable:** Plug the USB connector of the keyboard into an available USB port on your computer.
2. **Driver Installation:** The keyboard is plug-and-play. Your operating system (Windows 10, 8, 7, Vista, XP, or limited Mac OS) will automatically detect and install the necessary drivers. No additional software installation is required.
3. **Verification:** Once connected, the keyboard's blue LED backlighting should illuminate, indicating it is powered on and ready for use.



Image: Top-down view of the keyboard, showing the full 104-key layout and integrated USB cable for connection.

OPERATING INSTRUCTIONS

Basic Keyboard Functions

The EagleTec KG050-BR features a standard 104-key layout, providing full functionality for typing and general computer use. All keys are anti-ghosting (N-Key Rollover) for accurate input during rapid key presses.

Backlighting Control

The keyboard features blue LED backlighting with various effects and adjustable settings. Use the **Fn** (Function) key in combination with other keys to control the backlighting:

- **Fn + INS (Insert):** Cycles through 18 different backlighting effects.
- **Fn + HOME:** Toggles the backlighting on or off.
- **Fn + PGUP (Page Up):** Increases the brightness level of the backlighting.
- **Fn + PGDN (Page Down):** Decreases the brightness level of the backlighting.
- **Fn + DEL (Delete):** Activates specific lighting modes, such as lighting only the WASD and arrow keys.
- **Fn + END:** Activates specific lighting modes, allowing for custom key illumination.

- **Fn + Up/Down Arrow Keys:** Adjusts the breathing speed of certain lighting effects.
- **Fn + Left/Right Arrow Keys:** Changes the direction of certain dynamic lighting effects.



Image: Angled view of the keyboard, highlighting the blue LED backlighting and keycap design.

Multimedia Keys

The keyboard includes 12 dedicated multimedia keys, accessible via the **Fn** key in combination with the F1-F12 keys. These keys provide quick access to functions such as volume control, media playback, and web browser shortcuts.

Gaming Features

- **N-Key Rollover:** All 104 keys are conflict-free, ensuring that every key press is registered accurately, even during simultaneous inputs.
- **Swappable WASD/Arrow Keys:** The WASD and arrow keys can be swapped electronically for user preference, typically for gaming scenarios.



Image: A diagram illustrating the swappable functionality of the WASD and arrow keys.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your keyboard.

- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For deeper cleaning, you may carefully remove keycaps using a keycap puller (not included) and clean underneath with compressed air or a small brush.
- **Spill Resistance:** The keyboard features a splash-proof design. In case of accidental spills, immediately disconnect the keyboard from your computer, wipe off any liquid, and allow it to dry completely before reconnecting.

- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.



Image: The keyboard surface with water droplets, illustrating its splash-proof construction.



Image: A close-up view of the keyboard's keycaps and the underlying brown mechanical switches, demonstrating their design.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection, faulty USB port, driver issue.	Ensure the USB cable is securely plugged into a working USB port. Try a different USB port or computer. Restart your computer.
Backlighting not working or incorrect	Backlight turned off, brightness set to minimum, specific lighting mode activated.	Press Fn + HOME to toggle backlighting. Use Fn + PGUP to increase brightness. Cycle through effects with Fn + INS or specific modes with Fn + DEL/END .
Keys not registering or double-typing	Debris under keycap, faulty switch.	Carefully remove the keycap and clean any debris. If the issue persists for a specific key, it may indicate a switch malfunction.

SPECIFICATIONS

Model: KG050-BR

Brand: EagleTec

Keyboard Type: Mechanical Gaming Keyboard

Switch Type: Custom Mechanical Switches (Brown equivalent - tactile, medium resistance, quiet travel)

Key Count: 104 Keys (Full-sized)

Backlighting: Blue LED, 18 effects, adjustable brightness and speed

Anti-Ghosting: N-Key Rollover

Multimedia Keys: 12 (Fn + F1-F12)

Construction: Durable Aluminum-ABS

Connectivity: USB (Gold-plated connector)

Compatibility: Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP, Limited Mac OS support

Product Dimensions: 17.17 x 4.88 x 1.18 inches (43.6 x 12.4 x 3 cm)

Item Weight: 1.83 pounds (0.83 kg)

Special Features: Low Profile Design, Splash-proof, Swappable WASD/Arrow Keys



Image: Side profile view of the keyboard, illustrating its low-profile design.

WARRANTY AND SUPPORT

EagleTec products are designed for durability and performance. For information regarding warranty coverage, technical support, or service inquiries, please refer to the official EagleTec website or contact their customer service department. Contact details are typically available on the product packaging or the manufacturer's website.

For further assistance, you may visit the [EagleTec Store on Amazon](#).