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› KiiBoom Cybrix 29 Rapid Fast Wired Gaming Keyboard User Manual

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Model: Cybrix 29

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your KiiBoom Cybrix 29 Rapid Fast Wired Gaming Keyboard. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Figure 1: KiiBoom Cybrix 29 Rapid Fast Wired Gaming Keyboard (Black variant)

2. WHAT'S IN THE BOX

Verify that all items are present in the package:

- Cybrix 29 Keyboard
- USB Cable
- Keycap Puller
- User Manual
- Cleaning Cloth
- 2 Extra Keycaps (Option, Command)
- Mac Keycaps

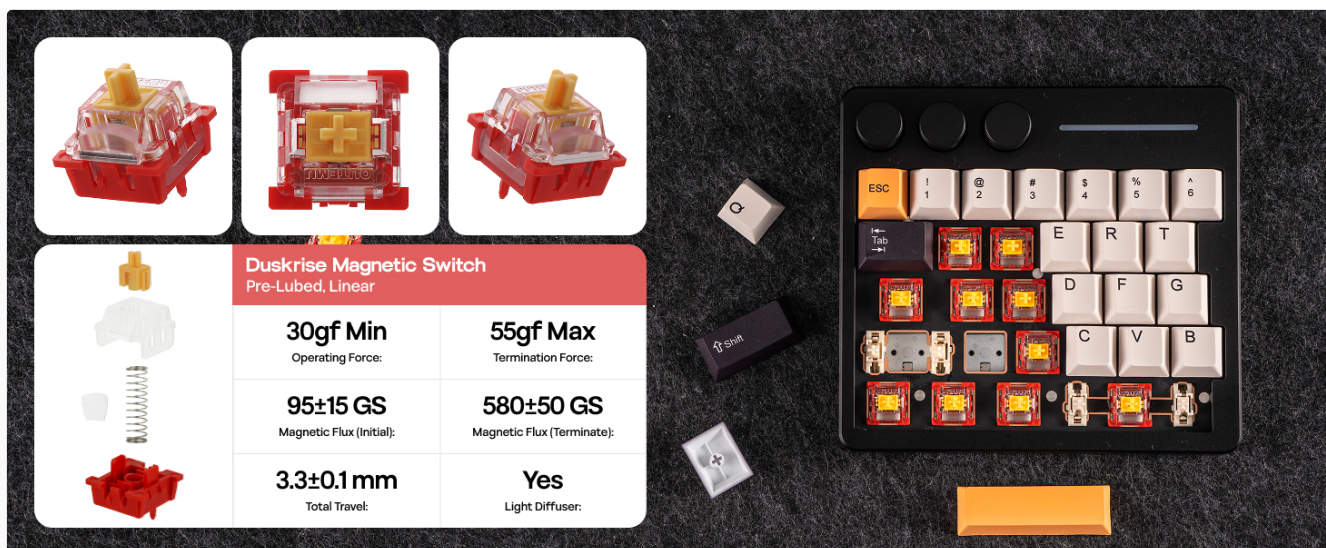


Figure 2: Included items in the KiiBoom Cybrix 29 package.

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Video 1: Unboxing and showcasing the KiiBoom Cybrix 29 keyboard and its accessories.

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Video 2: A brief unboxing of the KiiBoom Cybrix 29 Hall Effect Keyboard.

3. SETUP

3.1 Connecting the Keyboard

The KiiBoom Cybrix 29 keyboard connects via a USB-C cable. Simply plug one end of the provided USB-C cable into the keyboard's USB-C port and the other end into an available USB port on your computer.



Figure 3: Connecting the KiiBoom Cybrix 29 via USB-C.

3.2 Driver Installation

For full customization and access to advanced features, install the KiiBoom Driver software. The driver can typically be downloaded from the official KiiBoom website. Follow the on-screen instructions for installation.



Figure 4: KiiBoom Driver software interface for customization.

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Video 3: Demonstration of how to use the KiiBoom Cybrix 29 keyboard driver software.

4. OPERATING THE KEYBOARD

4.1 Key Features

- **8KHz Polling Rate:** The keyboard transmits inputs 8 times faster than standard 1000Hz keyboards, reducing input lag.
- **Adjustable Actuation:** Hall effect magnetic switches allow for actuation points to be customized down to 0.01mm accuracy.
- **Snap Key (SOCD):** Prioritizes the most recent opposing key presses for precise movement execution in games.
- **Dynamic Keystroke (DKS):** Program a single key to perform up to four actions based on activation or release, or two functions for tapping or holding.
- **Programmable Knobs:** Three customizable knobs for macros, profile changes, or RGB adjustments.
- **RGB Backlight:** South-facing RGB LEDs with various effects and customization options.

4.2 Knob Functions

The three programmable knobs offer quick control over various functions:

- **Left Knob:**
 - Rotate Clockwise: Page Down
 - Press: Light On/Off
 - Rotate Counter-Clockwise: Page Up
- **Middle Knob:**
 - Rotate Clockwise: Next Track
 - Press: Play/Pause
 - Rotate Counter-Clockwise: Previous Track
- **Right Knob:**
 - Rotate Clockwise: Volume +

- Press: Mute
- Rotate Counter-Clockwise: Volume -



Figure 5: Default functions of the programmable knobs.

4.3 RGB Backlight Control

The keyboard features customizable RGB backlighting. Use the following key combinations to adjust lighting effects:

- **Fn + T:** Toggle Backlight Effect
- **Fn + G:** Toggle Lightbar Effect
- **Fn + B:** Toggle Sidelight Effect
- **Fn + A:** Turn On/Off All Lights

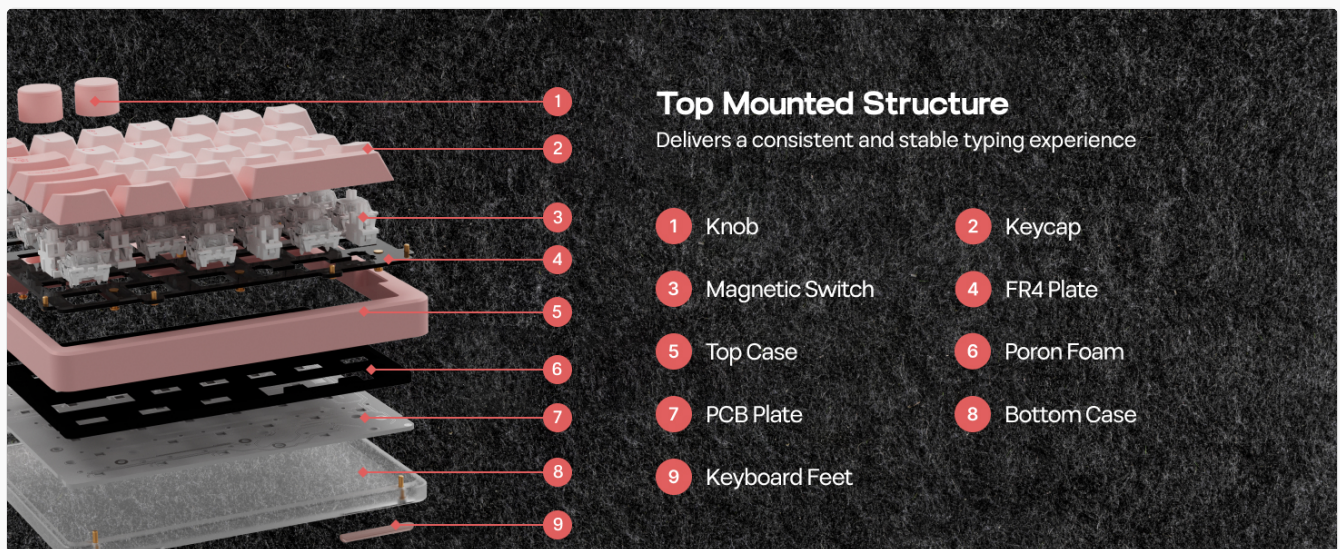


Figure 6: Key combinations for RGB backlight control.

4.4 Advanced Key Settings (DKS, SOCD, TGL)

The KiiBoom Cybrix 29 offers advanced key functionalities for enhanced gaming and productivity:

- **Dynamic Keystroke (DKS):** Assign multiple actions to a single key based on press depth or tap/hold duration.
- **Snap Key (SOCD):** Ensures the last pressed directional input is prioritized when opposing directions are activated simultaneously.
- **Toggle Key (TGL):** Set a key to continuously trigger input with a 'hold' or 'double-click' action, and terminate with a 'tap'.



Figure 7: Visual representation of DKS and MT functions.



Figure 8: Explanation of Snap Key (SOCD) feature.



Figure 9: How to use the Toggle Key (TGL) feature.

5. MAINTENANCE

5.1 Hot-Swappable PCB

The KiiBoom Cybrix 29 features a hot-swappable PCB, allowing for easy replacement of magnetic switches without soldering. Use the provided keycap and switch puller for safe removal and installation.

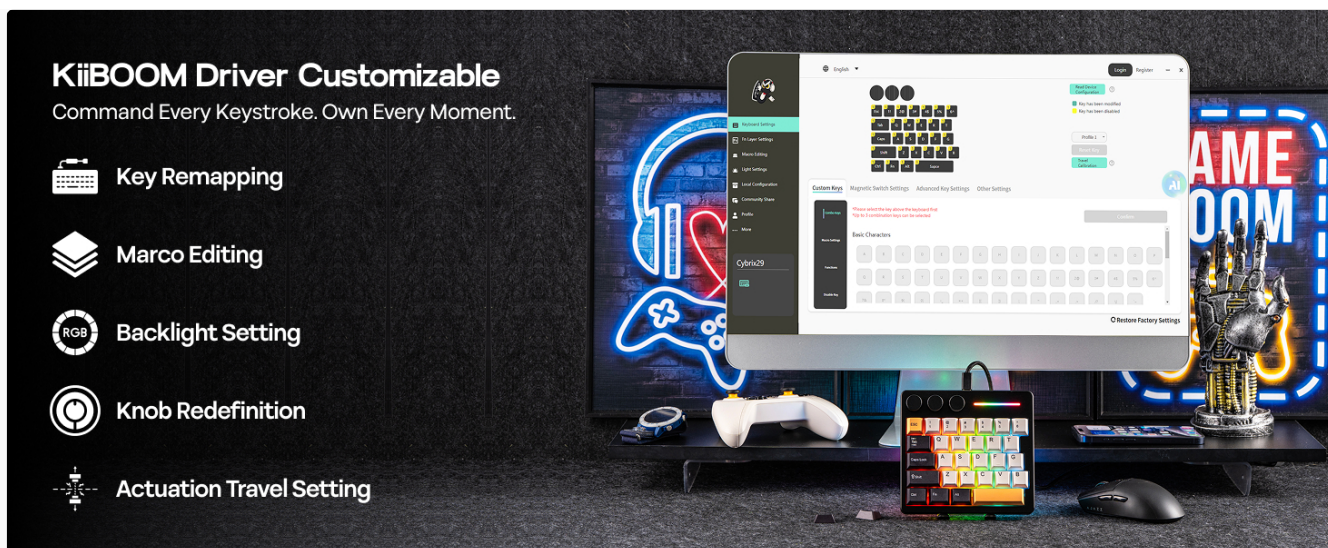


Figure 10: Hot-swappable PCB and switch components.

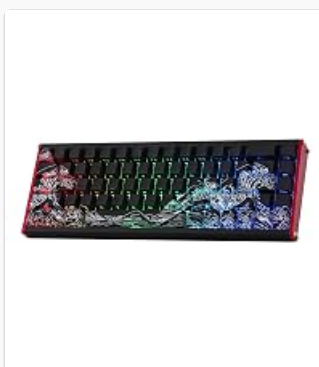


Figure 11: Specifications of the Duskrise Magnetic Switches.

5.2 Cleaning

The keyboard features durable PBT keycaps. To clean the keyboard, gently wipe the keycaps and case with a soft, damp cloth. For deeper cleaning, remove the keycaps using the provided puller and clean them separately. Ensure the keyboard is disconnected from power before cleaning.



Figure 12: Premium PBT keycaps with Cherry Profile.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	5.91 x 5.28 x 1.18 inches (14.5cm L x 13.4cm W x 3.3cm H)
Item Weight	1.9 pounds (0.42kg)
Manufacturer	KiiBoom
Brand	KiiBoom
Compatible Devices	Laptop, PC, Smartphone, Tablet
Connectivity Technology	USB-C
Keyboard Description	Gaming
Recommended Uses	Business, Education, Everyday Use, Gaming, Programming
Special Features	8K Fast Magnetic Keyboard, Aluminum & Acrylic Case, Backlit & Sidelight, One Handed Gaming Keyboard, Top-Mounted
Color	Black
Material	Acrylic, Aluminum



Figure 13: Detailed technical specifications and dimensions.

7. TROUBLESHOOTING

If you encounter any issues with your KiiBoom Cybrix 29 keyboard, please refer to the following common troubleshooting steps:

- **Keyboard Not Responding:** Ensure the USB-C cable is securely connected to both the keyboard and your computer. Try a different USB port or cable.
- **Software Not Detecting Keyboard:** Reinstall the KiiBoom Driver software. Ensure your operating system is up

to date.

- **Lighting Issues:** Check the RGB control key combinations (Fn+T, Fn+G, Fn+B, Fn+A) to ensure lighting is enabled and set correctly. Verify settings in the KiiBoom Driver.
- **Keys Not Registering:** If individual keys are not working, ensure the magnetic switches are properly seated. If the issue persists, consider replacing the switch.

For further assistance, please contact KiiBoom customer support.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official KiiBoom website or contact their customer service department. Keep your purchase receipt as proof of purchase for any warranty claims.

Contact information for support can typically be found on the KiiBoom website or in the packaging materials.