

Hexgears X5

Hexgears X5 Wireless Mechanical Keyboard User Manual

Model: X5
Brand: Hexgears

1. INTRODUCTION

Thank you for choosing the Hexgears X5 Wireless Mechanical Keyboard. This keyboard is designed for both gaming and professional use, offering dual-mode connectivity (2.4GHz wireless and USB-C wired), durable Kailh Box 3.0 Clicky Switches, and a full-size 108-key layout with N-Key Rollover. This manual provides essential information for setting up, operating, and maintaining your keyboard.

2. WHAT'S IN THE BOX

- Hexgears X5 Wireless Mechanical Keyboard
- Detachable Wrist Rest
- USB-C to USB-A Cable
- 2.4GHz USB Dongle (UBD Dongle)
- Keycap Puller
- Extra Keycaps (for customization)

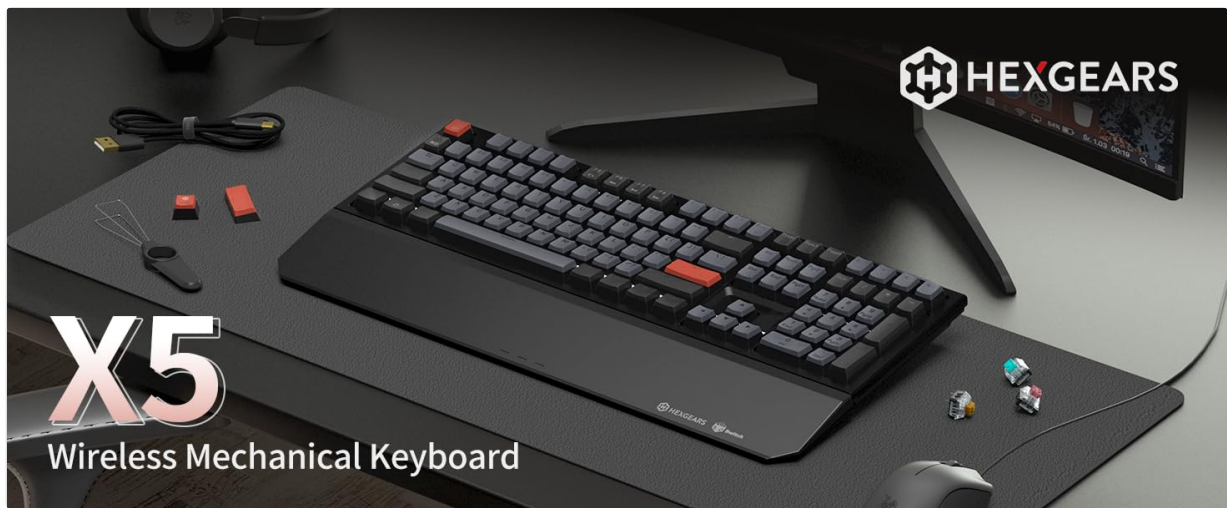


Image: The Hexgears X5 Wireless Mechanical Keyboard shown with its included accessories: a detachable wrist rest, USB-C cable, 2.4GHz dongle, and keycap puller.

3. SETUP

3.1. Attaching the Wrist Rest

The Hexgears X5 comes with a detachable wrist rest for enhanced ergonomic comfort. To attach it, align the clips on the wrist rest with the corresponding slots on the front edge of the keyboard and gently push until it clicks into place. To detach, pull the wrist rest away from the keyboard.

Latest Version Kailh BOX 3.0 Switch Sky Blue Switch

Logitech and Razer
gaming keyboard switch
cooperative brands

Click life up to
100 million times

Sky Blue - Crisp “Clicky”



Image: A side view of the Hexgears X5 keyboard demonstrating the ergonomic wrist rest attached, providing support for the user's hand.

3.2. Connecting the Keyboard

The Hexgears X5 supports dual-mode connectivity: 2.4GHz wireless and USB-C wired.

3.2.1. 2.4GHz Wireless Mode

1. Locate the 2.4GHz USB dongle, usually stored in a slot on the underside of the keyboard.
2. Plug the USB dongle into an available USB-A port on your computer.
3. Turn on the keyboard using the power switch located on the back or underside. The keyboard should automatically connect to the dongle.

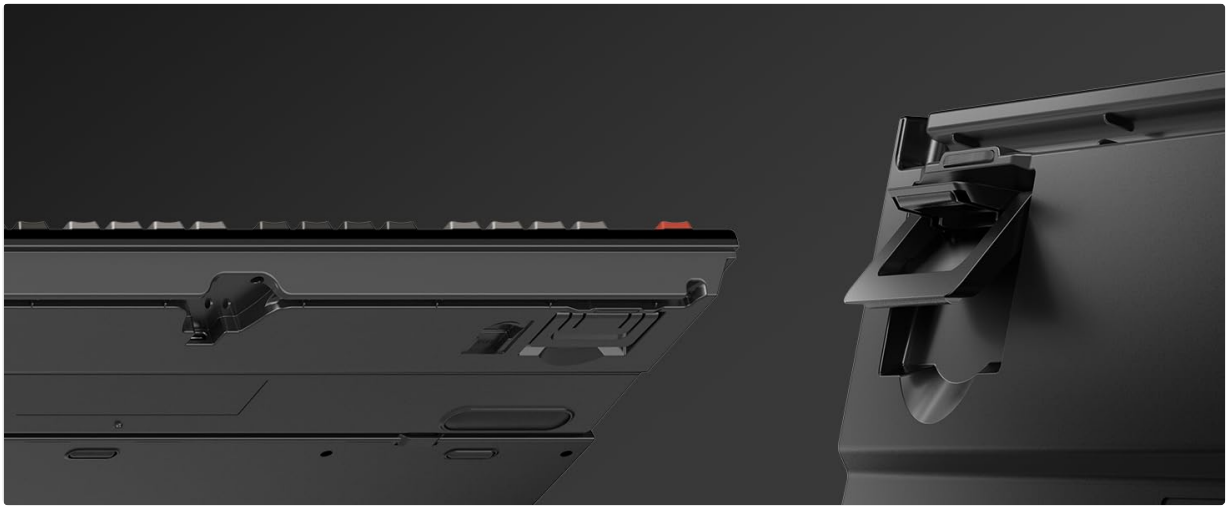


Image: The Hexgears X5 keyboard in a wireless setup, connected to a computer via the 2.4GHz dongle, illustrating a clutter-free desk environment.

3.2.2. USB-C Wired Mode

1. Connect one end of the provided USB-C cable to the keyboard's USB-C port.
2. Connect the other end of the cable (USB-A) to an available USB port on your computer.
3. The keyboard will function immediately in wired mode and will also charge its internal battery.



Image: The Hexgears X5 keyboard connected via its USB-C cable to a laptop, demonstrating its wired connectivity option.

4. OPERATING INSTRUCTIONS

4.1. Key Functions and Combinations

The Hexgears X5 features a full-size 108-key layout with dedicated function keys and media controls accessible via the **Fn** key.

- **Fn + F1-F12:** Access various multimedia and system functions (e.g., volume control, media playback, calculator).
- **Fn + Win/Mac:** Switch between Windows and Mac layouts.
- **Fn + Arrow Keys:** Adjust backlight brightness and mode.
- **N-Key Rollover (NKRO):** Ensures every key press is registered accurately, even during rapid, simultaneous presses. This is automatically active.



Image: A clear top-down view of the Hexgears X5 108-key mechanical keyboard, highlighting its full-size layout and keycap design.

4.2. Backlight Modes

The keyboard features a crisp white backlight with 16 dynamic light modes. Use **Fn + Arrow Keys** to cycle through different effects and adjust brightness levels.

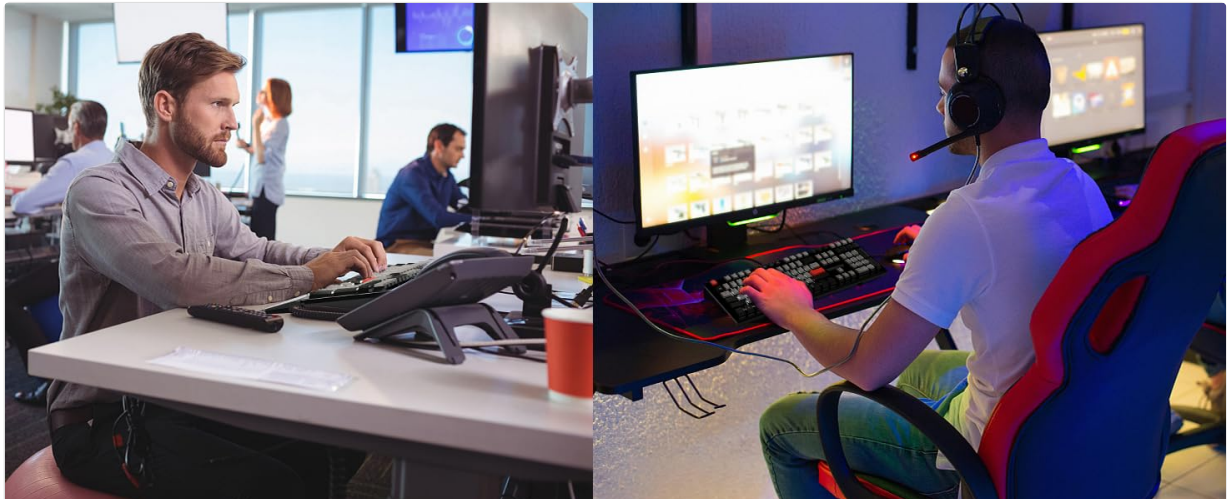


Image: The Hexgears X5 keyboard illuminated with its white backlighting, showcasing the visibility of keys in low-light conditions.

5. MAINTENANCE

5.1. Cleaning

To maintain optimal performance and appearance, regularly clean your keyboard. Use a soft, dry cloth to wipe down the keycaps and chassis. For deeper cleaning, use the provided keycap puller to remove keycaps and clean underneath with compressed air or a small brush.

5.2. Keycap Replacement

The Hexgears X5 uses durable PBT keycaps. If you wish to replace keycaps for customization or maintenance, use the included keycap puller. Gently pull up on the keycap until it detaches from the switch. To install a new keycap, align it with the switch stem and press down firmly until it clicks into place.



Image: An exploded view diagram illustrating the components of a mechanical keyboard, including keycaps, switches, and the PCB, useful for understanding keycap replacement.

6. TROUBLESHOOTING

- **Keyboard not responding:** Ensure the keyboard is charged or connected via USB-C. Check the power switch. For wireless mode, ensure the 2.4GHz dongle is securely plugged into a USB port and the keyboard is in 2.4GHz mode.
- **Keys not registering (Ghosting/Jamming):** The N-Key Rollover feature should prevent this. If issues persist, try connecting in wired mode to rule out wireless interference.
- **Backlight not working:** Check backlight brightness settings using Fn + Arrow Keys. Ensure the keyboard has sufficient battery charge.
- **Connectivity issues:** For 2.4GHz wireless, try moving the dongle closer to the keyboard or using a different USB port. For wired, ensure the USB-C cable is fully inserted and undamaged.

7. SPECIFICATIONS

Brand	Hexgears
Model Name	X5
Connectivity Technology	2.4GHz Wireless, USB-C Wired
Number of Keys	108
Switch Type	Kailh Box 3.0 Clicky Switch (Sky Blue Box Switches)
Keycap Material	Double-shot PBT
Backlighting	White, 16 Dynamic Modes
N-Key Rollover	Supported
Battery Life (Approx.)	300 hours (lights off), 30 hours (lights on)
Dimensions (L x W x H)	16" x 5" x 2.4" (40.6cm x 12.7cm x 6.1cm)
Compatible Devices	PC, Mac, Laptop, Tablet, PS, Xbox

8. WARRANTY AND SUPPORT

Hexgears products are designed for quality and durability. For warranty information, technical support, or any inquiries regarding your Hexgears X5 keyboard, please refer to the official Hexgears website or contact their customer service directly. Keep your purchase receipt for warranty claims.

9. PRODUCT VIDEOS

Hexgears X5 Wireless Mechanical Keyboard Overview

Your browser does not support the video tag.

Video: An official overview of the Hexgears X5 Wireless Mechanical Keyboard, showcasing its features and design. This video is provided by the seller, Hexgears.

Hexgears X1 Pro Wireless Gaming Keyboard Tri-Mode

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Video: An official video highlighting the Hexgears X1 Pro Wireless Gaming Keyboard's tri-mode functionality. This video is provided by the seller, Hexgears.