

XVX 61-Key Hot-Swappable Mechanical Keyboard

XVX 61-Key Hot-Swappable Mechanical Keyboard User Manual

Model: 61-Key Hot-Swappable Mechanical Keyboard

1. INTRODUCTION

Thank you for choosing the XVX 61-Key Hot-Swappable Mechanical Keyboard. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new keyboard. Designed for performance and customization, this keyboard features hot-swappable switches and vibrant RGB lighting to enhance your typing and gaming experience.

Key Features:

- 61-key compact layout
- Hot-swappable mechanical switches for easy customization
- Dynamic RGB backlighting with multiple effects
- Durable construction with high-quality materials

2. PACKAGE CONTENTS

Please ensure all items are present in your package:

- XVX 61-Key Mechanical Keyboard
- USB Cable
- Switch Puller Tool (for hot-swapping)
- Keycap Puller Tool
- User Manual (this document)

3. SETUP GUIDE

3.1 Connecting the Keyboard

1. Locate the USB-C port on the back of the keyboard.
2. Connect one end of the provided USB cable to the keyboard's USB-C port.

3. Connect the other end of the USB cable to an available USB port on your computer.
4. The keyboard will automatically be recognized by your operating system (Windows, macOS, Linux) as a standard HID device. No additional drivers are typically required for basic functionality.

3.2 Initial Power-On

Upon successful connection, the keyboard's RGB lighting will illuminate, indicating it is powered on and ready for use.



Image: The XVX 61-Key Mechanical Keyboard connected and displaying its RGB lighting.

4. OPERATING INSTRUCTIONS

4.1 Basic Key Functions

The keyboard features a standard 61-key layout. Most keys function as labeled. For keys with secondary functions, use the Function (Fn) key.

4.2 Function (Fn) Key Combinations

The Fn key (usually located near the bottom right of the keyboard) allows access to secondary functions

printed on certain keycaps. Hold down the Fn key and press the desired key to activate its secondary function.

- **Fn + [Key]:** Specific multimedia controls, arrow keys, or other system functions may be accessed this way. Refer to the keycap legends for exact combinations.

4.3 RGB Lighting Control

The keyboard offers various RGB lighting effects. Use the following Fn key combinations to customize the lighting:

- **Fn + \|:** Cycle through different lighting modes.
- **Fn + [Arrow Keys]:** Adjust brightness or speed of lighting effects (specific combinations may vary, refer to keycap legends).
- **Fn + [Other Keys]:** Some keyboards allow changing specific colors or directions of effects.

The keyboard features 6 themed lighting effects, totaling 18 cool lighting effects.

Your browser does not support the video tag.

Video: Demonstration of the various RGB lighting effects available on the XVX 61-Key Mechanical Keyboard.

4.4 Hot-Swapping Switches

This keyboard supports hot-swappable switches, allowing you to change switches without soldering. This feature enables customization of typing feel and sound.

1. **Remove Keycap:** Use the keycap puller tool to gently remove the keycap from the switch you wish to replace.
2. **Remove Switch:** Use the provided switch puller tool. Align the prongs of the puller with the two small tabs on the top and bottom of the switch housing. Squeeze the tabs and gently pull the switch straight up and out of the PCB.
3. **Insert New Switch:** Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight. Gently push the switch down until it clicks into place. Do not force it; if resistance is met, check pin alignment.
4. **Replace Keycap:** Press the keycap onto the new switch stem until it is firmly seated.



Image: A close-up view demonstrating the process of removing a hot-swappable switch from the keyboard using a switch puller tool.

5. MAINTENANCE

5.1 Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's performance and appearance.

- **Dust Removal:** Use compressed air to blow away dust and debris from between the keycaps.
- **Keycap Cleaning:** For deeper cleaning, remove keycaps using the keycap puller. Wash keycaps with mild soap and water, then dry thoroughly before reattaching.
- **Surface Cleaning:** Wipe the keyboard surface with a soft, damp cloth. Avoid harsh chemicals.

5.2 Switch and Keycap Replacement

As detailed in Section 4.4, switches can be replaced if they become faulty or if you desire a different typing experience. Keycaps can also be replaced for aesthetic customization or if they wear out.

6. TROUBLESHOOTING

If you encounter issues with your XVX keyboard, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection, faulty cable, driver issue.	Ensure USB cable is securely connected. Try a different USB port or cable. Restart your computer.
RGB lights not working or stuck	Lighting mode disabled, software conflict.	Press Fn + \ to cycle through lighting modes. Adjust brightness with Fn + arrow keys. Disconnect and reconnect the keyboard.
Specific keys not working	Faulty switch, debris under keycap, loose switch.	Remove the keycap and switch (Section 4.4). Clean any debris. Reinsert the switch firmly. If the issue persists, replace the switch.
Keyboard randomly disconnects	Loose USB connection, power issue, driver conflict.	Ensure USB cable is secure. Try a different USB port (preferably a direct port on the motherboard, not a hub). Update USB drivers on your computer.

7. SPECIFICATIONS

- **Product Dimensions:** 14.57 x 5.51 x 1.77 inches
- **Item Weight:** 1.72 pounds
- **Manufacturer:** XVX
- **ASIN:** B0983BDBKD
- **Date First Available:** September 24, 2020
- **Compatible Devices:** PC
- **Connectivity Technology:** USB
- **Keyboard Description:** Gaming
- **Recommended Uses For Product:** Office
- **Special Feature:** Non-slip
- **Keyboard Backlighting Color Support:** RGB
- **Style:** Modern
- **Material:** Polybutylene Glycol
- **Included Components:** USB Cable

8. WARRANTY AND SUPPORT

This XVX product is covered by a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official XVX website. For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact XVX customer service through their official support channels.

