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Model: XVX H61

1. INTRODUCTION

Thank you for choosing the HITIME XVX H61 60% Wired Aluminum Gaming Keyboard. This compact mechanical keyboard is designed for both gamers and typists, offering a blend of performance, durability, and aesthetic appeal. This manual provides essential information for setting up, operating, and maintaining your new keyboard.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- XVX H61 60% Wired Aluminum Gaming Keyboard
- USB-C to USB-A Cable
- Detachable Theme Strap
- Keycap Puller
- Switch Puller
- Spare Switches (Creamy Linear Switch)
- User Manual



Figure 2.1: Contents of the HITIME XVX H61 package.

3. KEY FEATURES

- **60% Compact Layout:** Space-saving design ideal for gamers and typists, providing more desktop area.
- **All-Aluminum Body:** Crafted from premium aluminum for enhanced durability and a robust feel. Features a glitter powder layer for visual appeal in changing light.
- **Hot-Swappable PCB:** Compatible with 3-pin and 5-pin mechanical switches, allowing for easy customization and replacement without soldering.
- **Pre-lubed Creamy Linear Switches:** Equipped with switches designed for a smooth and satisfying typing experience with a 50 million keystroke lifespan.
- **Noise-Dampening Foam & Switch Pads:** Features unique shock-absorbing foam and IXPE switch pads to reduce noise and optimize switch sound.
- **Kanagawa Anime PBT Keycaps:** Durable double-shot PBT keycaps with a matte surface, non-fading characters, and a Cherry profile for comfortable typing.
- **Dynamic RGB Backlighting:** 19 built-in backlight modes with a variety of dynamic RGB effects, monochrome, and full-color options. Customizable via software.
- **Programmable Software:** Personalize keyboard layout, shortcut keys, and backlight effects.
- **USB-C Connectivity:** Wired connection with data transmission speeds up to 4 Gbps.
- **High Compatibility:** Works seamlessly with Windows and MacOS devices.

4. SETUP GUIDE

4.1 Connecting the Keyboard

1. Locate the USB-C port on the back of the keyboard.
2. Connect the provided USB-C cable to the keyboard's USB-C port.
3. Connect the USB-A end of the cable to an available USB port on your computer.
4. The keyboard will automatically be recognized by your operating system.

4.2 Attaching the Detachable Theme Strap

The keyboard includes a detachable theme strap for portability and aesthetic customization. To attach the strap:

1. Identify the small leather-like pieces and the strap.
2. Insert the ends of the strap into the designated slots on the side of the keyboard.
3. Secure the strap by attaching the leather-like pieces with the provided screws, ensuring the strap is firmly held in place.



Figure 4.1: Overview of the XVX H61 Aluminum Keyboard features and dimensions.

Video 4.1: Official product video demonstrating the features and setup of the XVX H61 Wired Aluminum Gaming Keyboard, including the detachable strap and hot-swappable switches.

5. OPERATION

5.1 RGB Backlight Control

The XVX H61 keyboard features dynamic RGB backlighting with 19 built-in modes. You can adjust the lighting directly on the keyboard using function key combinations:

- **FN + <** : Switch lighting colors.
- **FN + \ |** : Switch between 19 lighting effects.
- **FN + [{ or }]** : Adjust brightness levels.

For advanced customization, including personalized RGB modes and colors, please use the dedicated software.



Figure 5.1: Dynamic RGB Backlight in operation.

5.2 Hot-Swappable Switches

The keyboard's hot-swappable PCB allows you to easily change mechanical switches without soldering. This feature enables customization of typing feel and sound.

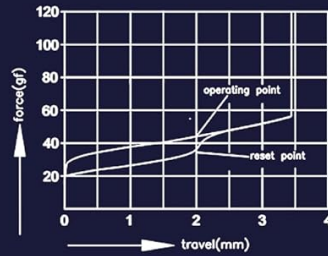
1. Use the provided switch puller to carefully remove the desired switch.
2. Align the pins of the new switch with the sockets on the PCB.
3. Gently press the new switch into place until it clicks. Ensure it is seated properly to avoid bent pins.

HOT SWAPPABLE PCB

3/5pins Switches Available



Creamy Medium Purple Switch



Total Travel :

4.0 + 0.4 mm

Actuation Force

48 + 5.0 gf

Pre Travel

2.0 + 0.4 mm



Figure 5.2: Hot-swappable switch mechanism.

5.3 Programmable Software

Utilize the custom driver software to personalize your keyboard experience. This software allows you to:

- Customize key assignments and create macros.
- Adjust and create unique RGB lighting profiles.
- Update firmware for optimal performance.

Refer to the software's documentation for detailed instructions on its features and usage.

PROGRAMMABLE SOFTWARE

You can personalize your own keyboard layout, shortcut keys and backlight effects, etc.



Figure 5.3: Programmable software interface.

6. MAINTENANCE

6.1 Cleaning the Keyboard

To ensure the longevity and performance of your keyboard:

- Disconnect the keyboard from your computer before cleaning.
- Use a keycap puller to remove keycaps for thorough cleaning.
- Wipe the keycaps and keyboard surface with a soft, damp cloth. Avoid harsh chemicals.
- Use compressed air to remove dust and debris from between the keys and switches.

6.2 Keycap and Switch Care

The PBT keycaps are designed for durability and resistance to fading. If replacing switches, handle them carefully to avoid bending the pins.

7. TROUBLESHOOTING

- **Keyboard not responding:** Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
- **RGB lights not working:** Check the FN key combinations for brightness and mode selection. Ensure the software is correctly installed and configured if using custom settings.
- **Keys not registering:** If a specific key is not working, try removing and re-inserting its switch. If the issue persists, replace the switch with a spare one.
- **Software issues:** Reinstall the keyboard software or check the manufacturer's website for updated drivers and troubleshooting guides.

8. SPECIFICATIONS

Feature	Detail
Model	XVX H61
Layout	60% (61 Keys)
Connectivity	Wired (USB-C)
Material	Aluminum Alloy Shell
Switches	Hot-Swappable Creamy Linear Switches (3-pin/5-pin compatible)
Keycaps	Double-Shot PBT, Cherry Profile, Kanagawa Anime Theme
Backlight	19 Dynamic RGB Modes, Customizable via Software
Sound Dampening	EVA Sound Absorbing Foam, IXPE Switch Pad
Dimensions	11.50 x 4.33 inches (approximate, based on image)
Item Weight	2.07 pounds
Compatible OS	Windows, MacOS

9. WARRANTY AND SUPPORT

HITIME is dedicated to designing and manufacturing quality peripherals with a focus on user experience. For any product inquiries, technical support, or warranty claims, please refer to the contact information provided in your product packaging or visit the official HITIME website.

We recommend registering your product to receive updates and support.

