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havit HV-KB432L

havit HV-KB432L Mechanical Gaming Keyboard User Manual

Model: HV-KB432L

1. INTRODUCTION

Thank you for choosing the havit HV-KB432L Mechanical Gaming Keyboard. This manual provides detailed instructions for setting up, operating, and maintaining your keyboard to ensure optimal performance and longevity. This keyboard features a QWERTZ (German) layout, red mechanical switches, and customizable LED lighting, designed for both gaming and typing.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present:

- 1 x havit HV-KB432L Mechanical Gaming Keyboard
- 1 x User Manual
- 1 x Keycap Puller



3. SETUP INSTRUCTIONS

1. **Unpack the Keyboard:** Carefully remove the keyboard from its packaging.
2. **Connect to Computer:** Plug the USB cable of the keyboard into an available USB port on your computer.
3. **Driver Installation:** The keyboard is plug-and-play. No additional drivers are required for basic functionality. Your operating system will automatically detect and install the necessary drivers.
4. **Adjust Keyboard Angle:** Utilize the foldable feet on the underside of the keyboard to adjust the typing angle for ergonomic comfort.

4. OPERATING INSTRUCTIONS

4.1. Basic Key Functions

The havit HV-KB432L features a standard 105-key QWERTZ layout. All keys support anti-ghosting for precise input during fast typing or gaming.

4.2. Multimedia Shortcut Keys

Access multimedia functions by pressing the **Fn** key in combination with the F1-F12 keys.

- **Fn + F1:** My Computer
- **Fn + F2:** Search
- **Fn + F3:** Calculator
- **Fn + F4:** Media Player
- **Fn + F5:** Previous Track
- **Fn + F6:** Next Track
- **Fn + F7:** Play/Pause
- **Fn + F8:** Stop
- **Fn + F9:** Mute
- **Fn + F10:** Volume Down
- **Fn + F11:** Volume Up
- **Fn + F12:** Lock Keyboard

Note: Multimedia shortcuts may not be fully functional on MAC / Linux operating systems.

4.3. LED Lighting Modes

The keyboard features 21 preset LED lighting modes. You can adjust brightness and speed.

- **Fn + PrtSc:** Cycle through 21 preset lighting modes.
- **Fn + Arrow Up/Down:** Adjust backlight brightness.
- **Fn + Arrow Left/Right:** Adjust lighting effect speed.
- **Fn + 1/2/3:** Activate custom backlight modes (refer to section 4.4 for recording).

23 KINDS OF PRE-SET Backlight Modes



 +  /  Slow down/ speed up changing speed

 +  /  Brighten/ dim out the brightness of the backlit

Image: Illustration of the keyboard's LED lighting controls, showing Fn key combinations for adjusting speed and brightness.

4.4. Custom Backlight Modes Recording

The keyboard allows recording of 3 custom backlight modes.

1. Press **Fn + 1**, **Fn + 2**, or **Fn + 3** to select a custom mode slot.
2. Press **Fn + Esc** to enter recording mode. The indicator lights will flash.
3. Press the keys you wish to illuminate. Each press will toggle the key's backlight.
4. Press **Fn + Esc** again to save the custom mode.

ALL KEY-ROLLOVER



5 Groups of Customized Backlit Modes Recording



Image: Diagram illustrating the "All Key-Rollover" feature and key combinations for custom backlight recording and Win key lock.

4.5. Game Modes and Win Key Lock

- **Fn + 5/6:** Switch between two predefined game modes (specific key lighting for gaming).
- **Fn + 7:** Switch to office work mode (standard key lighting).
- **Fn + Win:** Lock/Unlock the Windows key to prevent accidental presses during gaming.

5. MAINTENANCE AND CARE

- **Cleaning:** Disconnect the keyboard before cleaning. Use a soft, damp cloth to wipe the surface. For deeper cleaning, use the included keycap puller to remove keycaps and clean underneath with compressed air or a small brush.
- **Spill Prevention:** While the keyboard has a splash-proof design, avoid direct exposure to liquids. In case of a spill, immediately disconnect the keyboard and allow it to dry completely before reconnecting.
- **Storage:** Store the keyboard in a dry, dust-free environment when not in use.



Image: A close-up view of the red mechanical switches and a keycap puller, demonstrating how to remove keycaps for cleaning or replacement.

6. TROUBLESHOOTING

Problem	Possible Solution
Keyboard not responding	<ul style="list-style-type: none">• Ensure the USB cable is securely connected to both the keyboard and the computer.• Try plugging the keyboard into a different USB port.• Restart your computer.• Test the keyboard on another computer to rule out a system-specific issue.
LED backlighting not working	<ul style="list-style-type: none">• Check if the backlight is turned off or set to minimum brightness using Fn + Arrow Up.• Cycle through lighting modes using Fn + PrtSc.• Ensure the keyboard is properly connected and receiving power.
Specific keys not working	<ul style="list-style-type: none">• Remove the keycap using the keycap puller and check for any debris or obstruction under the switch.• If the issue persists, contact customer support.
Multimedia keys not functioning on Mac/Linux	This is expected behavior. Multimedia shortcuts are primarily designed for Windows operating systems and may have limited or no functionality on Mac or Linux.

7. SPECIFICATIONS

Feature	Detail
Model	HV-KB432L

Feature	Detail
Layout	QWERTZ (German), 105 Keys
Switch Type	Red Mechanical Switches
Connectivity	Wired USB
Cable Length	1.5 meters
Backlighting	RGB LED, 21 preset modes, adjustable brightness/speed, 3 custom modes
Anti-Ghosting	All 105 keys
Multimedia Keys	12 (Fn + F1-F12)
Dimensions (L x W x H)	433 x 124.5 x 35 mm
Weight	930 g
Operating System Compatibility	Windows, Linux, Chrome OS, Mac OS (multimedia functions limited on Mac/Linux)

KEYBOARD DIMENSIONS



CABLE LENGTH
1500mm

Image: Visual representation of the keyboard's dimensions (433mm length, 124.5mm width, 35mm height) and the 1500mm cable length.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official havit website. Keep your purchase receipt as proof of purchase for warranty claims.

Official havit website: www.prohavit.com