

## HHKB CG01000-297201

# HHKB Happy Hacking Keyboard Professional Hybrid Type-S Instruction Manual

Model: CG01000-297201

## INTRODUCTION

The HHKB Professional Hybrid Type-S is a compact 60-key keyboard designed for efficiency and comfort. It features silent Topre Electrostatic Capacitive Switches, offering a unique tactile typing experience. This keyboard supports both wired (USB-C) and wireless (Bluetooth) connectivity, allowing seamless integration with various devices and operating systems.



Image: The HHKB Professional Hybrid Type-S keyboard in charcoal, showcasing its compact layout and printed keycaps.

## SETUP

### 1. Powering the Keyboard

The HHKB Professional Hybrid Type-S can be powered via USB-C or 2x AA batteries for wireless operation.

- **Wired Connection:** Connect the supplied USB-C cable from the keyboard to your computer.
- **Wireless Connection:** Insert 2x AA batteries into the battery compartment located on the underside of the keyboard. Ensure correct polarity.

## What's in the box



Getting Started  
guide



Help and  
Service info



2x AA  
batteries

Image: The underside of the HHKB keyboard showing the battery bay for 2x AA batteries and the USB-C connector for wired operation.

## 2. Bluetooth Pairing

The keyboard supports multi-pairing with up to 4 Bluetooth devices.

1. Ensure the keyboard is powered on (either via USB-C or batteries).
2. Press and hold the **Fn** key and one of the **Control + 1**, **Control + 2**, **Control + 3**, or **Control + 4** keys to select a pairing slot. The LED indicator will flash.
3. On your device (PC, tablet, smartphone), enable Bluetooth and search for available devices.
4. Select "HHKB-Hybrid" from the list and follow the on-screen prompts to complete pairing.
5. To switch between paired devices, press **Fn + Control + [1-4]** corresponding to the desired device slot.

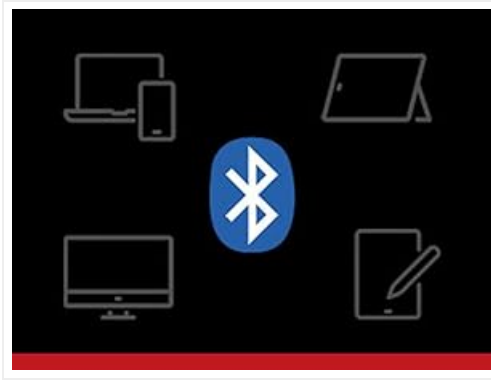


Image: Illustration demonstrating the HHKB keyboard's ability to connect to up to four devices, including computers, phones, and tablets, via Bluetooth.

### 3. DIP Switch Settings

The keyboard features 6 built-in DIP switches on the underside to customize its behavior for different operating systems and preferences.

**3 height options**

**6 built-in DIP switches**

**Customization is in our DNA**

**Blank and printed styles available**

**Keymaps saved to onboard memory**

Keymap software requires a USB connection to a Mac or Windows PC for programming

Image: The underside of the HHKB keyboard, highlighting the 6 built-in DIP switches for configuration.

Refer to the table below for common DIP switch configurations:

DIP Switch	Function (ON)	Function (OFF)
1	HHKB Mode	Mac Mode
2	Delete key becomes Backspace	Delete key remains Delete
3	Alt key becomes Meta	Alt key remains Alt
4	Windows key becomes Fn	Windows key remains Windows
5	Wake up from sleep via Bluetooth	No wake up from sleep via Bluetooth
6	Reserved	Reserved

*Note: Always disconnect the keyboard from power before changing DIP switch settings.*

## 4. Keymap Customization

The HHKB allows for custom keymap settings to be saved directly to the keyboard's onboard memory. This enables consistent key layouts across different devices without software installation on each device.

- Download the official HHKB Keymap Change Tool from the manufacturer's website.
- Connect the keyboard via USB-C to a Windows or macOS computer.
- Use the software to reassign keys and save your custom layout to the keyboard.

Connect up to 4 Bluetooth® devices including computers, phones, and tablets

Wireless and wired connection options

Windows, macOS, and Linux compatible

Power / Bluetooth® button

Battery Bay

Requires 2x AA batteries for wireless operation

USB-C connector

The advertisement features a top section with icons of a monitor, laptop, tablet, and smartphone connected to a keyboard. Below this, a central text block highlights connectivity. The bottom half is split into two panels: the left panel shows the keyboard's underside with labels for the power/Bluetooth button, battery bay (noting it requires 2x AA batteries), and USB-C connector; the right panel shows the keyboard with blue backlighting under a monitor.

Image: Screenshot of the HHKB Keymap Change Tool, illustrating the interface for customizing key assignments and saving them to the keyboard's memory.

## OPERATING THE KEYBOARD

### 1. Compact Layout and Function Keys

The HHKB features a compact 60-key layout, which optimizes finger movement and efficiency. Many standard keys are accessed via the **Fn** modifier key.

- **Arrow Keys:** Accessed via **Fn + [; / ' .]**
- **Function Keys (F1-F12):** Accessed via **Fn + [1-0 - =]**
- **Home/End/Page Up/Page Down:** Accessed via **Fn +** corresponding keys.

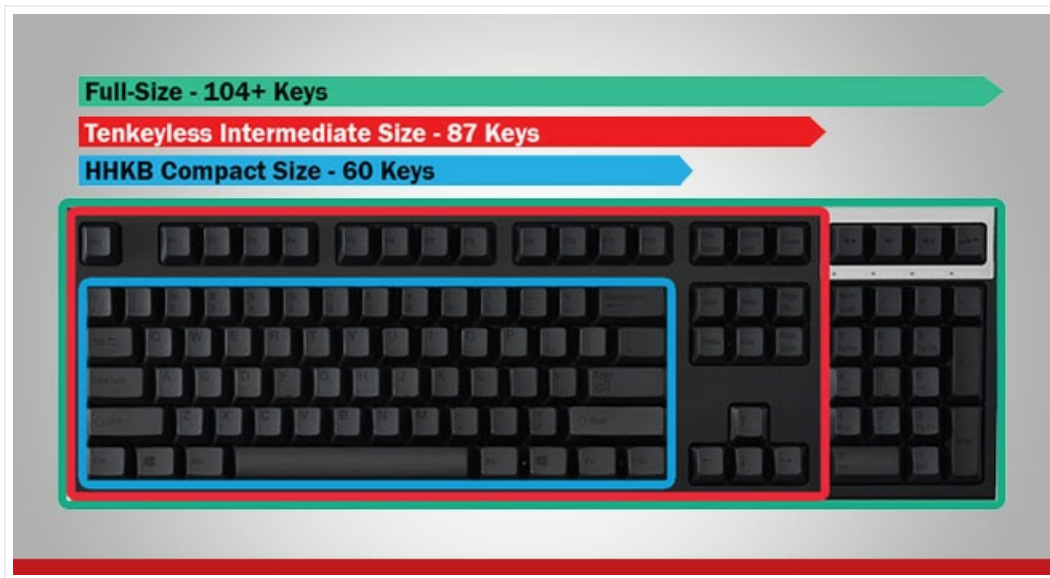


Image: A diagram comparing the compact 60-key layout of the HHKB to larger full-size and tenkeyless keyboards, illustrating its space-saving design.

## 2. Ergonomics and Typing Experience

The HHKB is designed with an ergonomic profile to reduce hand and finger fatigue during extended typing sessions. The keycaps feature an optimal curvature for comfort.

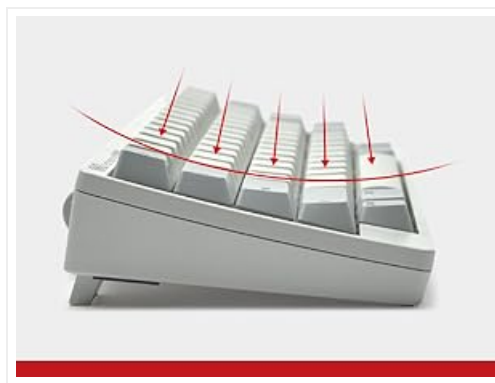


Image: Side profile view of the HHKB keyboard, illustrating the optimal keycap curvature designed for long-lasting comfort and reduced strain.

The silent Topre Electrostatic Capacitive Switches provide a distinct tactile feel without excessive noise, making it suitable for various environments.

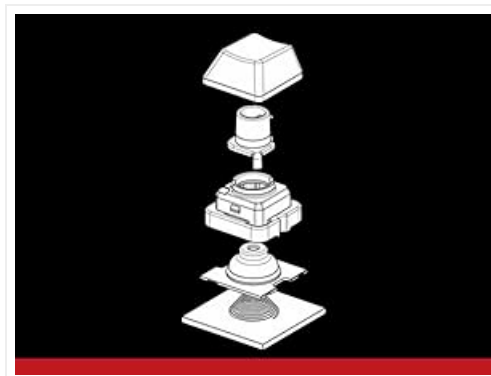


Image: An exploded diagram illustrating the components of a Topre electrostatic capacitive switch, highlighting its unique design for tactile feedback.

## MAINTENANCE

## 1. Cleaning the Keyboard

To ensure longevity and optimal performance, regular cleaning is recommended.

- Disconnect the keyboard from all power sources (USB-C cable and remove AA batteries).
- Use a soft, lint-free cloth lightly dampened with water or a mild cleaning solution to wipe the keycaps and casing.
- For debris between keys, use compressed air.
- Avoid harsh chemicals or abrasive materials that could damage the finish or keycap legends.

## 2. Keycap Material

The HHKB features PBT (Polybutylene Terephthalate) keycaps. PBT is known for its durability, resistance to shine, and textured feel, which helps maintain a consistent typing experience over time.

## TROUBLESHOOTING

### 1. Connectivity Issues

- **Wired:** Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
- **Bluetooth:**
  - Verify that the keyboard has fresh AA batteries or is connected via USB-C.
  - Ensure Bluetooth is enabled on your device.
  - Re-attempt the pairing process (see Setup section).
  - If previously paired, try removing the keyboard from your device's Bluetooth list and re-pairing.
  - Ensure no other devices are interfering with the Bluetooth signal.

### 2. Keymap or Key Function Issues

- **DIP Switches:** Check the DIP switch settings on the underside of the keyboard. Incorrect settings can alter key functions. Always power off before adjusting.
- **Custom Keymaps:** If you have customized your keymap, ensure it was saved correctly using the HHKB Keymap Change Tool. You may need to reset to default settings or re-upload your custom map.
- **Fn Key:** Remember that many functions are accessed using the **Fn** modifier key.

## SPECIFICATIONS

Feature	Detail
Brand	HHKB
Model Number	CG01000-297201
Connectivity Technology	Bluetooth, USB-C
Compatible Devices	Laptop, PC, Smartphone, Tablet
Compatible Operating System Family	MacOS, Windows, Linux
Switch Type	Silent Electrostatic Capacitive (Topre)

Feature	Detail
Number of Keys	60
Keyboard Layout	QWERTY
Keycap Material	PBT (Polybutylene Terephthalate)
Power Source	Corded Electric (USB-C), 2x AA Batteries
Product Dimensions (L x W x H)	11.6"L x 4.7"W x 1.6"H
Item Weight	1.2 Pounds

## WARRANTY AND SUPPORT

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This HHKB Professional Hybrid Type-S keyboard comes with a **2 Year Advance Exchange Warranty**. For warranty claims, technical support, or further assistance, please contact PFU Limited customer service or visit their official support website.

Manufacturer: PFU Limited

## PRODUCT OVERVIEW VIDEO

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Video: An official overview of the HHKB Hybrid Type-S Keyboard by PFU America, Inc., demonstrating its features and design.