

## Happy Hacking Keyboard Settings and Layout



HHKB is a keyboard designed and developed originally for UNIX users, thus only keys that they really need are left to make it compact.

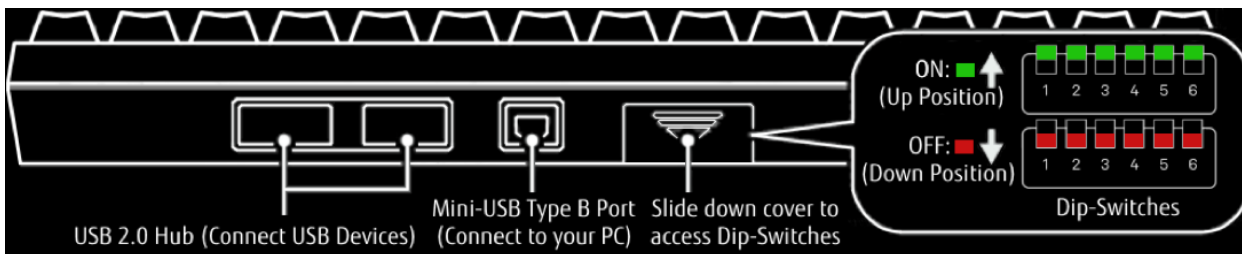
For those keys that have been removed and un-UNIX users may need, HHKB can also support by a combination of function keys or letters printed on the key tops (the 4 slightly crooked keys are used for Mac users).

This ensures that HHKB can do everything that a full keyboard can do.

HHKB is a semi-personalized keyboard and it has 3 modes (HHKB mode for LINUX users, Lite Ext. mode for Windows users and Mac mode for Mac users).

Users can change the mode by operating the DIP switches

### HHKB Pro 2 Connectivity & Settings



#### Current output of the Integrated USB HUB

- The 2x USB downstream ports (USB HUB) on the back side supply a current of 100 mA on each port.
- Before connecting a USB device to the ports, check that the consumption current of your USB device does not exceed 100 mA or the USB device may not be detected and may not function correctly.

#### HHKB Pro2 DIP-Switch Settings

- By using the Dip-Switches on the back of the keyboard, you can change the Keyboard Mode and functions of some of the keys on the Keyboard. The HHKB mode is set as the factory default.
- **Important!** Please disconnect the HHKB from the host PC before changing the Dip Switch settings or changes may not be recognized and you may damage the product.
- To change Dip Switch settings, we recommend using a small screwdriver that is approximately 1.2mm in diameter.

#### Keyboard Mode Selection

DIP SWITCH 1	DIP SWITCH 2	Keyboard Mode	
OFF	OFF	HHKB Mode	For Unix users
ON	OFF	Lite Ext. Mode	For Windows users
OFF	ON	Mac Mode	For Mac users *
ON	ON	N/A	

\* "Eject" key does not work. please use 'finder' application after selecting the drive, push "Command" + "E"

## Key Assignment & Enabling Wake-Up Host PC Feature

DIP SWITCH #	Key/Function	SWITCH OFF	SWITCH ON
DIP SWITCH 3	Delete Key	Delete	Backspace
DIP SWITCH 4	Meta Key (2)	Meta	Fn
DIP SWITCH 5	Alt Key	Alt	Meta
	Meta Key	Meta	Alt
DIP SWITCH 6	Host PC by Keyboard (3)	Disabled	Enabled

(2)The Left Meta key functions as:

- Windows key under Microsoft Windows
- Command Key under macOS

(3)When Wake-Up Host PC feature is enabled:

- The keyboard consumes power even if the computer is in a suspended state.
- You may need to change the Profile or settings in the Power Management settings of the host PC's Operating System.
- This feature may not work on all systems.
- The Keyboard may not be recognized by the host PC when resuming from a suspended state on some systems. If this happens, disconnect the USB cable from the keyboard's Mini-USB port and reconnect it.

### How to Use the Function Keys

To use the codes that are shown on the front facing side of the keys such as F1 to F12, PgUp (Page Up), Caps, and arrows (cursor), hold down the [Fn] key and press the relevant key.

Key Name	Function	HHKB Mode	Lite Ext. Mode	Mac Mode
F1-F12	F1-F12	✓	✓	✓
Ins	Insert	✓	✓	✓
Del	Delete	✓	✓	✓
PSc/SRq	Print Screen/Sys Req	✓	✓	✓
ScrLk	Scroll Lock	✓	✓	✓
Pus/Brk	Pause/Break	✓	✓	✓
PgUp	Page Up	✓	✓	✓
PgDn	Page Down	✓	✓	✓
Caps	Caps Lock		✓	✓
Clear	Clear			✓
Enter	Enter		✓	✓
+	+		✓	✓
-	-		✓	✓
*	*		✓	✓
/	/		✓	✓
Vol_Dn	Volume Down			✓(1)
Vol_Up	Volume Up			✓(1)
Mute	Mute			✓(1)
Eject	Eject			✓(1)
Power	Power			✓(1)
Stop	Stop	✓		

(1)Apple macOS only

## Using the Height Adjustment Mechanism

The height adjustment mechanism is located on the bottom of the keyboard, allowing you to adjust the height at the rear of the keyboard to suit your preference. There are three different height settings:

1. Low (default)
2. Medium
3. High

Select the same height setting on the Left and Right sides of the keyboard, ensuring the feet click correctly into position.

## System Requirements

### Microsoft Windows

Windows® 10 64-Bit  
Windows® 10 32-Bit  
Windows® 8.1 64-Bit  
Windows® 8.1 32-Bit  
Windows® 8 64-Bit  
Windows® 8 32-Bit  
Windows® 7 64-Bit  
Windows® 7 32-Bit  
Windows® Server 2016  
Windows® Server 2012  
Windows® Server 2008  
Windows® Server 2003

### Apple macOS

Mojave  
macOS Mojave (10.14)  
macOS High Sierra (10.13)  
macOS Sierra (10.12)  
macOS El Capitan (10.11)  
macOS Yosemite (10.10)  
macOS Mavericks (10.9)  
macOS Mountain Lion (10.8)  
macOS Lion (10.7)  
macOS Snow Leopard (10.6)  
macOS Leopard (10.5)

## Using HHKB on Other Systems

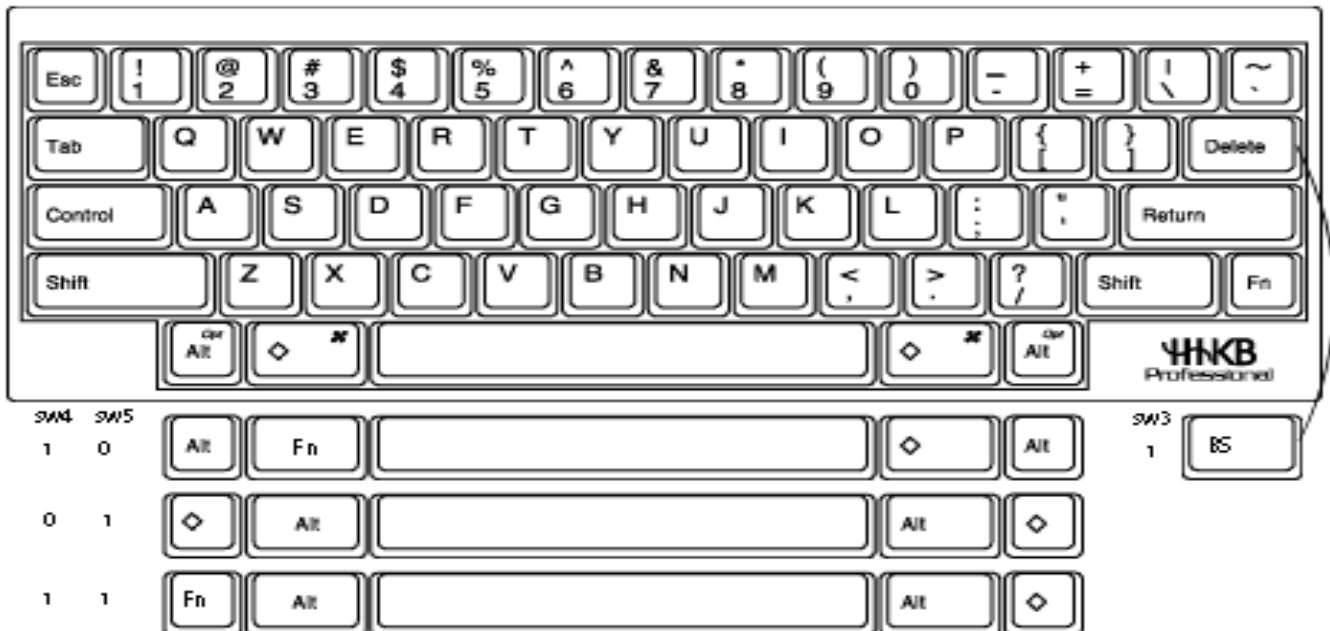
The HHKB Pro2 may work on many other Operating Systems although PFU cannot guarantee the keyboard is operable with any Operating Systems except those listed above.

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## DIP Switch



**HHKB Mode**

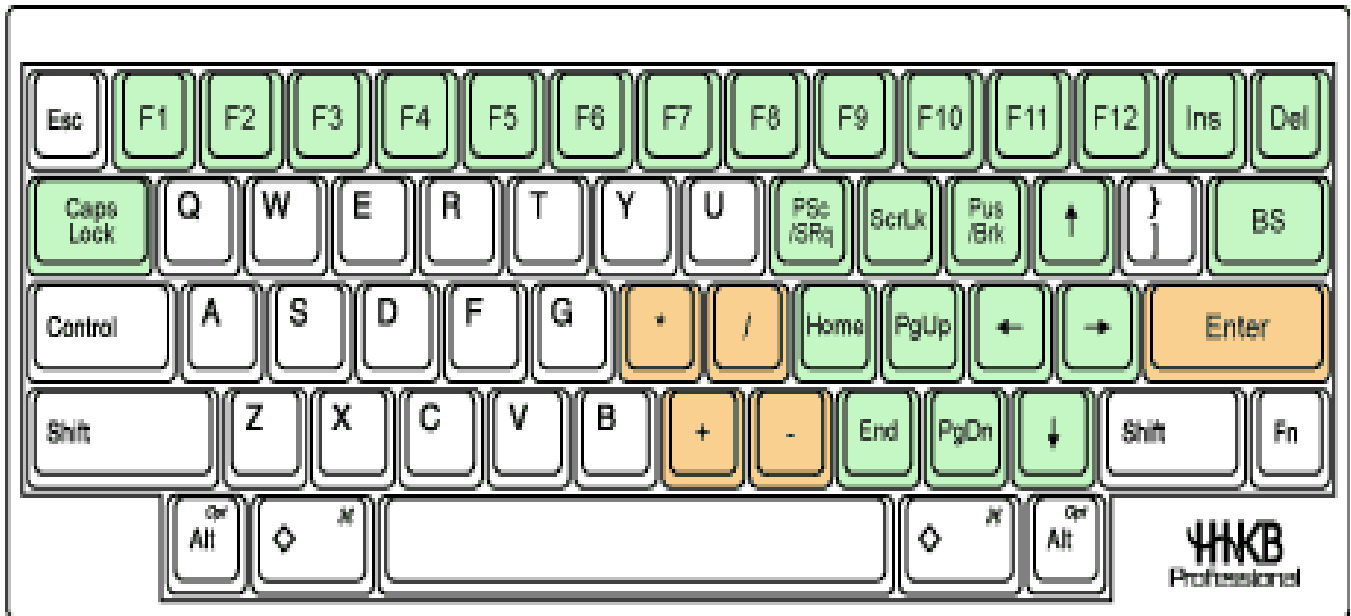
"Fn" key combination in HHKB mode



**Lite Extension Mode**

"Fn" key combination in Lite Ext. mode

Meta key works as Windows key

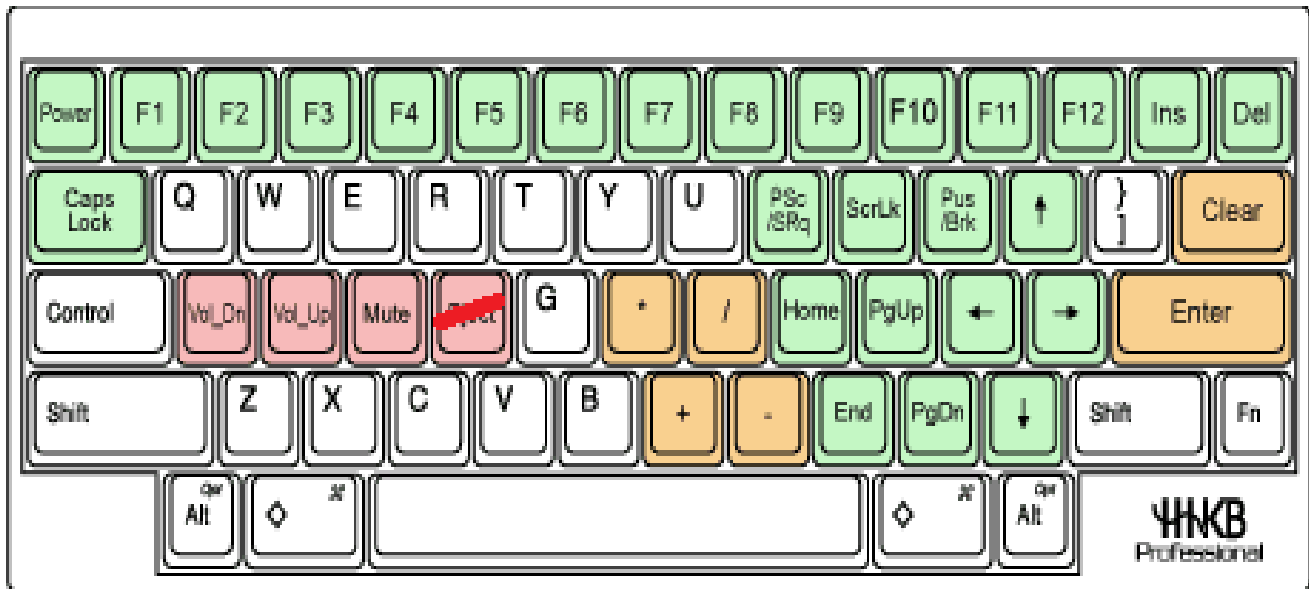


Meta "⌘" Key → "Windows" Key

### Mac Mode

"Fn" key combination in mac mode

Meta key works as Command key



Meta "◇" Key → "Command" Key

### Keypop Printed Letters

Printed letters on the front side of keytops need to be used with "Fn" key. (Cf. Print Screen key: push "Fn" and "I")

The 4 italic keys (Vol\_Dn, Vol\_Up, Mute, Eject) are used for Mac Mode.

