



Happy Hacking Keyboard Professional Classic (US Layout/Non-Printed) User's Guide

Introduction

Thank you for purchasing Happy Hacking Keyboard Professional Classic (US Layout/Non-Printed). Please read this User's Guide and use this product safely and correctly. Be sure to read and understand "Safety Precautions" (a separate manual) before using the keyboard.

Mac, Mac OS, and macOS are trademarks of Apple Inc. Other company names and product names are the registered trademarks or trademarks of the respective companies.

© PFU Limited 2019

October 2019

Checking the Items in the Package

Make sure that all items shown below are included in the package:

- Keyboard (x1)
- Safety Precautions (x1)
- USB cable (x1)
- User's Guide (this manual) (x1)

If items other than those shown above are included in the package, keep them as well. Treat the items that are included in the package with care. Retain the box and any packaging material as they would be needed to protect the keyboard should it be necessary to return the item in the event of a warranty claim.

If you find that an item is missing or defective, contact the distributor/dealer where you purchased this product.

Switching the Setting Mode

Switch the setting mode according to the device that you use. By using the DIP switches on the bottom of the keyboard, you can change the keyboard setting mode. The HHK mode is set as the factory default.

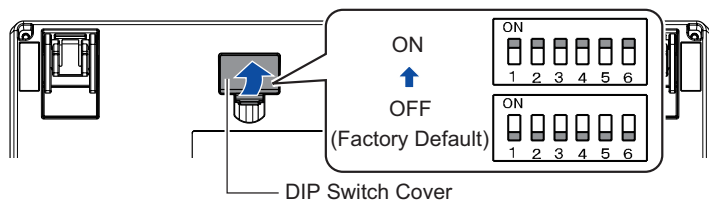
You can also change some key codes. To change the settings for the DIP switches, use a tool such as a flathead screw driver.

ATTENTION

Be sure to disconnect the USB cable before setting any of the DIP switches. Even if you set a DIP switch while the keyboard is connected via the USB cable, the setting you changed is not applied.

1 Remove the DIP switch cover on the bottom of the keyboard in the direction of the arrow.

The figure below shows ON/OFF for each DIP switch.



2 Switch the setting mode by referring to the tables below.

DIP Switch		Setting Mode	
SW1	SW2		
OFF	OFF	HHK mode	Windows®
ON	OFF	Win mode	
OFF	ON	Mac mode	Mac OS
ON	ON		

DIP Switch	Status	Key	Function
SW3 (*1)	OFF	Delete	Delete
	ON	Delete	BS (Back Space)
SW4	OFF	Left ⬅	Left ⬅
	ON	Left ⬅	[Fn]

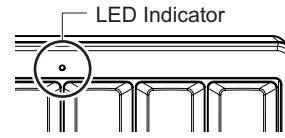
System Requirements

This product can be used with the following computers or devices.

- Computers with Windows® (Windows® 7/Windows® 8.1/Windows® 10) installed
- Computers with Mac OS (macOS 10.12 or later) installed

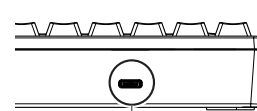
Part Names and Functions

Front



Part Name	Description
LED Indicator	Lit in blue: Caps Lock is on. Turned off: Caps Lock is off.

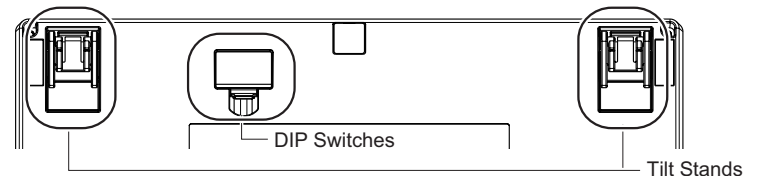
Back



USB Type-C Connector

Part Name	Description
USB Type-C Connector	Use the USB cable to connect this product to a computer.

Bottom



Part Name	Description
DIP Switches	Used to switch the setting mode. For details, refer to "Switching the Setting Mode".
Tilt Stands	Used to adjust the height of the keyboard. For details, refer to "Adjusting the Height of the Keyboard".

DIP Switch	Status	Key	Function
SW5	OFF	Alt	Alt
		⬅	⬅ (*2)
	ON	Alt	⬅ (*2)
		⬅	Alt
SW6	OFF	Power Saving Enabled (*3)	
	ON	Power Saving Disabled (*4)	

*1: In Mac mode, SW3 is disabled.

*2: In Win mode, ⬅ functions as the [Windows] key.
In Mac mode, ⬅ functions as the [Command] key.

*3: When Power Saving Enabled is set, the device in use cannot be resumed from the suspended status by pressing a key.

*4: Power Saving Disabled consumes power for the device in use, faster than Power Saving Enabled.

3 Attach the DIP switch cover back. When attaching the cover, make sure you push it until it locks in place.

ATTENTION

To return from a suspended status using the keyboard, you need to change the Power Management settings in the properties of the keyboard in Device Manager on the operating system.

Establishing a Connection with a Computer

1 Connect the USB cable to the USB Type-C connector on this product and a USB port on a computer.

2 When this product is recognized on the device, follow the instructions displayed in the window to install the driver software.

⇒ A connection with the computer is established.

ATTENTION

Depending on the device that you use, this product may not be recognized when the device resumes from a suspended status.

In such a case, disconnect the USB cable and then connect it again.

How to Use the [Fn] Key

To use the codes that are shown on the front facing side of the keys such as F1 to F12, Pg Up (Page Up), Caps, and arrows (cursor), hold down **[Fn]** and press the relevant key. Make sure that available codes vary depending on the keyboard mode. For details, refer to the following table.

Key	Symbol on the Side Facing the Front	Meaning	Setting Mode		
			HHK mode	Win mode	Mac mode
1 to =	F1 to F12	F1 to F12	○	○	○
\	Ins	Insert	○	○	○
`	Del	Delete	○	○	○
Delete	BS <i>Clear</i>	Back Space Clear (keypad)	○	○	—
I	PSc/SRq	Print Screen/System Request	○	○	○
O	ScrLk	Scroll Lock	○	○	○
P	Pus/Brk	Pause/Break	○	○	○
K	Home	Home	○	○	○
L	PgUp	Page Up	○	○	○
,	End	End	○	○	○
.	PgDn	Page Down	○	○	○
Tab	Caps	Caps Lock	—	○ (*1)	○
Return	<i>Enter</i>	Enter (keypad)	—	—	○
N	+	+ (keypad)	—	○	○
M	—	— (keypad)	—	○	○
H	*	* (keypad)	—	○	○
J	/	/ (keypad)	—	○	○
[↑	↑	○	○	○
/	↓	↓	○	○	○
;	←	←	○	○	○
'	→	→	○	○	○
A	<i>Vol_Dn</i>	Volume Down	—	—	○

5

Key	Symbol on the Side Facing the Front	Meaning	Setting Mode		
			HHK mode	Win mode	Mac mode
S	<i>Vol_Up</i>	Volume Up	—	—	○
D	<i>Mute</i>	Mute	—	—	○
F	<i>Eject</i>	Eject	—	—	○
Esc	<i>Power</i>	Power	—	—	○ (*2)
Right ◇	Stop	Stop	○	—	—

○ : Supported — : Not supported

*1: You need to press **[Shift]** at the same time depending on the driver and the operating system.

*2: It is not possible to turn the power on.

Codes in italics are only for Mac OS.

Key Combinations for Switching the Setting Mode

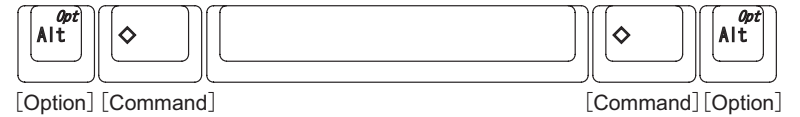
Switching the Setting Mode	Key Combination (Press the keys in the order in which they are displayed.)
Switching to the Win mode (*1)	[Fn] + [Control] + [W]
Switching to the Mac mode	[Fn] + [Control] + [M]

*1: When the DIP switches are set for the HHK mode, the setting mode is switched to the HHK mode.

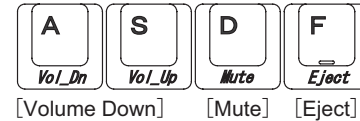
Assigning the Mac OS Keys

The Mac OS keys such as the [Command] key are assigned to keys on the keyboard as shown below.

These assignments are enabled only when the setting mode is Mac mode.



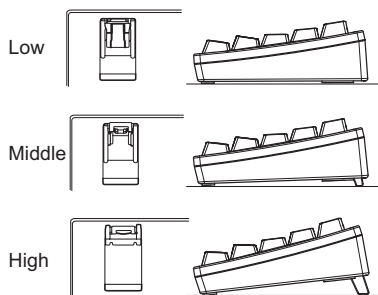
The multimedia keys are assigned as shown below. These keys must be pressed together with **[Fn]**.



6

Adjusting the Height of the Keyboard

The tilt mechanism is equipped on the bottom of the keyboard, allowing you to adjust the height at two levels. Raise one of the tilt stands that suits you until it locks in place. Use the same tilt stands on the right and left sides.



Troubleshooting

For troubleshooting tips for this product, refer to the following website:
www.hhkeyboard.us

Specifications

Item	Specification
Key Specifications	Electrostatic capacitive switch Step sculpture Key pitch: 19.05 mm
Ambient Temperature	5 to 35° C
Ambient Humidity	20 to 80% RH (non condensing)
Dimension	294 mm (W) x 110 mm (D) x 40 mm (H)
Weight	Approx. 530 g
Cable Length	1.8 m

Daily Care

If this product gets dirty, wipe it with a dry cloth.

ATTENTION

To avoid deterioration and discoloration, never use alcohol or any other volatile solutions.

7



Supplier's Declaration of Conformity

Responsible Party: FUJITSU COMPUTER PRODUCTS OF AMERICA, INC.
Address: 1250 EAST ARQUES AVENUE,
SUNNYVALE, CA 94085-5401, U. S. A.
Phone Number: (408) 746-7000

Hereby declares that the product

Product Name: Keyboard
PD-KB401, PD-KB800, PD-KB820
Revision: A0~

Conforms to the following specifications:

FCC Part 15, Subpart B, Class B Digital Device

Supplementary Information:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Person

Name: Masanori Shibusawa
Title: S.V.P. Planning, Service Ops, & Logistics
Imaging Products Group

Signature:

Date: 08/21/2019

Notice

- Copying of the contents of this document in whole or in part is prohibited under the copyright law.
- The contents of this document are subject to change without notice.

8