

# Lists of LED Indications and Key Combinations



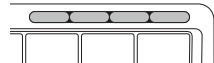
\* P A 9 3 0 1 6 - Y 5 4 1 \*

This manual describes the LED indications for Happy Hacking Keyboard Studio and the key combinations used in its operation.

## Status of the LED Indicator

The LED indicator on the upper right of this product indicates the status of the keyboard.

Various statuses are displayed by combining the four LED indicator lights.



### Immediately after the power is turned on, or when checking the profile in use and the connected device

Order of Light Up	Status	Description
1		Indicates that the keyboard is turned on. All four lights light up once in white
2		Indicates the profile that has been applied. The light corresponding to the number of the profile (Profile1 to Profile4) lights up once in white. (The figure shows an example of the LED indicator when Profile1 has been applied)
3	Bluetooth connection:  USB connection: 	Indicates the connection status of the keyboard. <ul style="list-style-type: none"> <li>Bluetooth connection The light corresponding to the number key (1 to 4) that the pairing information for the connected device is assigned to lights up once in blue. (The figure shows an example of the LED indicator when the keyboard is connected via Bluetooth to the device assigned to the number [2] key)</li> <li>USB connection All four lights light up once in blue.</li> </ul>

### During use

Status	Description
	When the light blinks in orange once every 30 seconds, the remaining battery power is low. When the light blinks in orange twice every 15 seconds, replace the batteries.

### When establishing/switching a connection (Bluetooth/USB)

Status	Description
	The keyboard is in pairing standby mode.
	The keyboard is in pairing mode. The keyboard is ready to be connected to the device via Bluetooth. (The figure shows an example of the LED indicator when pairing information is assigned to the number [2] key)

For details, refer to the "User's Guide" below.

US Layout:

[https://happyhackingkb.com/manual/studio/ug-us/en/ug/topic/led\\_status.html](https://happyhackingkb.com/manual/studio/ug-us/en/ug/topic/led_status.html)



Status	Description
	The keyboard is waiting for the device to be connected again via Bluetooth. (The figure shows an example of the LED indicator when the keyboard is waiting for the device assigned to the number [2] key to be connected via Bluetooth) The light will turn off after the connection is established.
	The keyboard is waiting for the device to be connected via USB. The lights will turn off after the connection is established.

### When switching between profiles

Status	Description
	The keyboard is in profile switching mode. (The figure shows an example of the LED indicator when Profile1 has been applied)
	The profile has been switched. (The figure shows an example of the LED indicator when the profile is switched to Profile2)

### When adjusting input device operations

Status	Description
	The speed of the pointing stick has been changed by the key operation. As shown on the left, the number and color of the LED indicator lights vary depending on the set value.
	The lights corresponding to the set value light up once in blue and white 
	The sensitivity of the gesture pads has been changed by the key operation. The number of LED indicator lights that light up varies depending on the set value. <ul style="list-style-type: none"> <li>Low: the leftmost light lights up once in white</li> <li>Medium: the two leftmost lights light up once in white</li> <li>High: the three leftmost lights light up once in white (The figure shows an example of when High is set)</li> <li>Highest: all four lights light up once in white</li> </ul>

# Key Combinations for Switching Pairing Modes and Operation Modes

Perform operations related to connection or input device operation adjustment using the following key combinations.

When pressing multiple keys at the same time, the keys are combined with "+". Press the keys in order from the left. For example, if a key combination is [Fn] + [Q], press the [Q] key while holding down the [Fn] key.

Operation	Key Combination
Registering pairing information for the first time	[Fn] + [Q] (pairing standby mode is switched to pairing mode)
Registering additional pairing information	[Fn] + [Q] (the keyboard enters pairing standby mode) ↓ [Fn] + [Control] + [1] to [4] (the keyboard enters pairing mode)
Switching the connected device (Bluetooth)	[Fn] + [Control] + [1] to [4]
Switching the connection to a USB connection	[Fn] + [Control] + [0]
Switching between profiles	[Fn] + [C] (the keyboard enters profile switching mode) ↓ [1] to [4] (Factory default: [1] Windows, [2] macOS, [3][4] not registered)
Turning off modes (pairing standby mode/pairing mode/profile switching mode)	[Fn] + [X]
Checking the profile in use and the connected device	[Fn] + [V]
Changing the speed of the pointing stick	Speed 1 (slow) Mouse key center button + [1] (*1)
	Speed 2 Mouse key center button + [2] (*1)
	Speed 3 Mouse key center button + [3] (*1)
	Speed 4 (fast) Mouse key center button + [4] (*1)
	Speed + (fine increments) Mouse key center button + [G] (*1)
	Speed - (fine increments) Mouse key center button + [B] (*1)
Changing the sensitivity of the gesture pads	Low Mouse key center button + [6] (*1)
	Medium Mouse key center button + [7] (*1)
	High Mouse key center button + [8] (*1)
	Highest Mouse key center button + [9] (*1)

\*1: "Keymap Tool" allows you to change the key combinations.

For details, refer to the "User's Guide" below.

US Layout:

[https://happyhackingkb.com/manual/studio/ug-us/en/ug/topic/use\\_fnkeys\\_ope.html](https://happyhackingkb.com/manual/studio/ug-us/en/ug/topic/use_fnkeys_ope.html)



## To learn more about this product

Using "Keymap Tool" allows you to change the key positions of shortcuts used to adjust input device operations, as well as set a key combination that temporarily enables or disables an input device.

For details about how to use this product, refer to the "User's Guide" below.

US Layout:

<https://happyhackingkb.com/manual/studio/ug-us/en/ug/topic/index.html>



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August 2023

PFU Limited

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