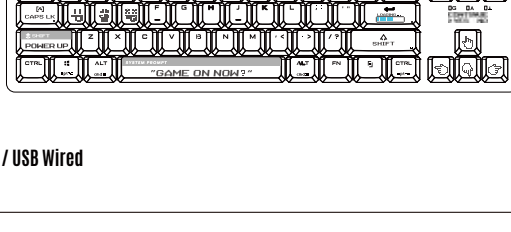




WS87

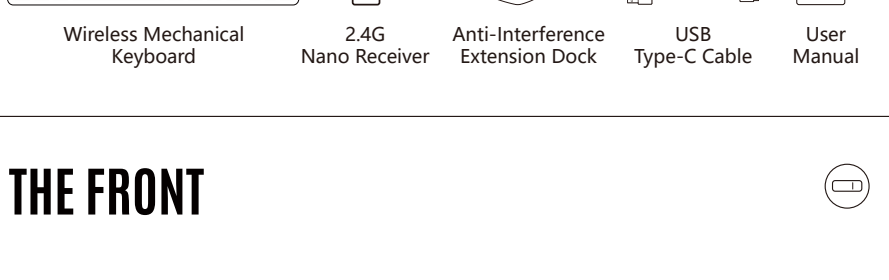
# QUICK START GUIDE



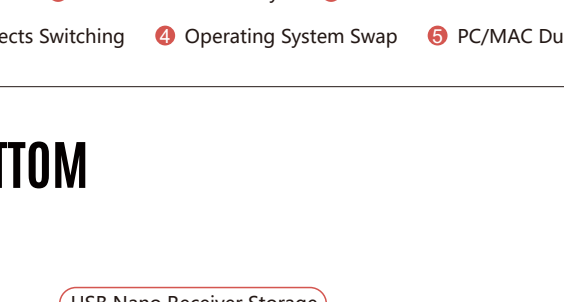
Bluetooth / 2.4G / USB Wired



## WHAT'S IN THE BOX

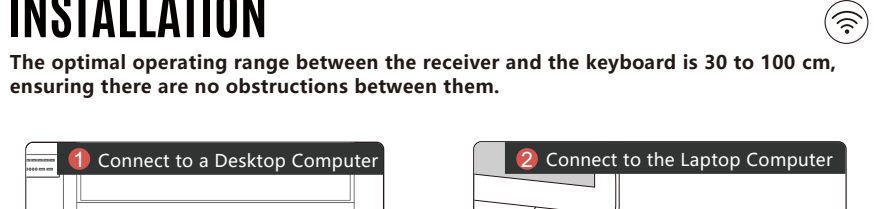


## THE FRONT



- 1 FN Multimedia Hotkeys
- 2 Multi-Device Switch
- 3 Lighting Effects Switching
- 4 Operating System Swap
- 5 PC/MAC Dual-Function Keys

## THE BOTTOM



## INSTALLATION

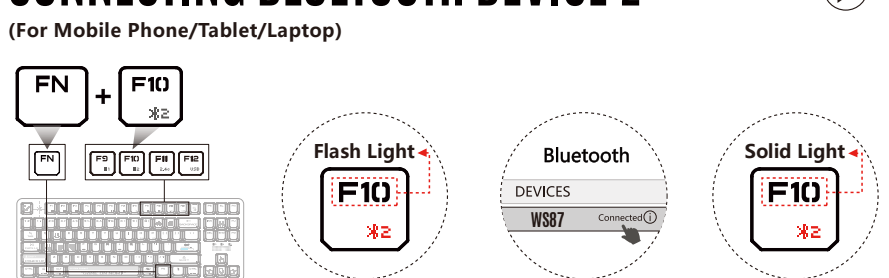
The optimal operating range between the receiver and the keyboard is 30 to 100 cm, ensuring there are no obstructions between them.



- 1 Connect the extension dock to the host computer, and plug the nano receiver into the extension dock.
- 2 Plug the nano receiver directly into the laptop.

## CONNECTING BLUETOOTH DEVICE 1

(For Mobile Phone/Tablet/Laptop)

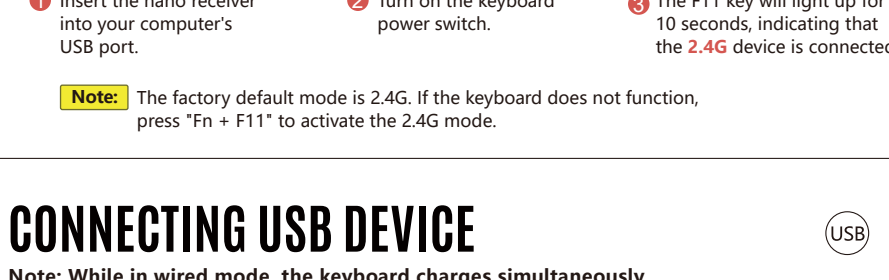


- 1 First Pairing: Short Press [Fn+F9] Re-Pairing: Long Press [Fn+F9] for 3s
- 2 F9 Key Flash Light
- 3 Choose [WS87] from your Bluetooth device.
- 4 Light 10S: The F9 key will light up for a while then light off after the keyboard is connected.

Note: To re-enter pairing mode, long press "Fn + F9" for three seconds.

## CONNECTING BLUETOOTH DEVICE 2

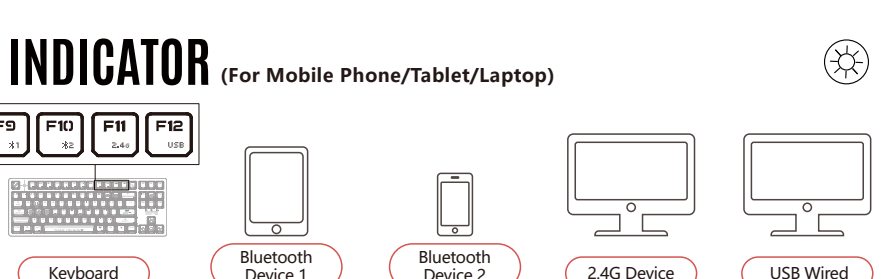
(For Mobile Phone/Tablet/Laptop)



- 1 First Pairing: Short Press [Fn+F10] Re-Pairing: Long Press [Fn+F10] for 3s
- 2 F10 Key Flash Light
- 3 Choose [WS87] from your Bluetooth device.
- 4 Solid Light 10S: The F10 key will light up for a while then light off after the keyboard is connected.

Note: To re-enter pairing mode, long press "Fn + F10" for three seconds.

## CONNECTING 2.4G DEVICE

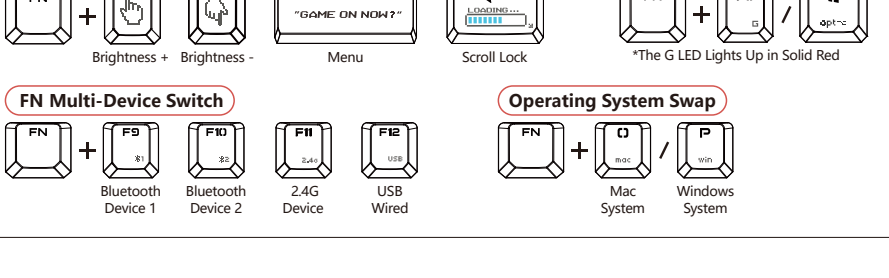


- 1 Insert the nano receiver into your computer's USB port.
- 2 Turn on the keyboard power switch.
- 3 The F11 key will light up for 10 seconds, indicating that the 2.4G device is connected.

Note: The factory default mode is 2.4G. If the keyboard does not function, press "Fn + F11" to activate the 2.4G mode.

## CONNECTING USB DEVICE

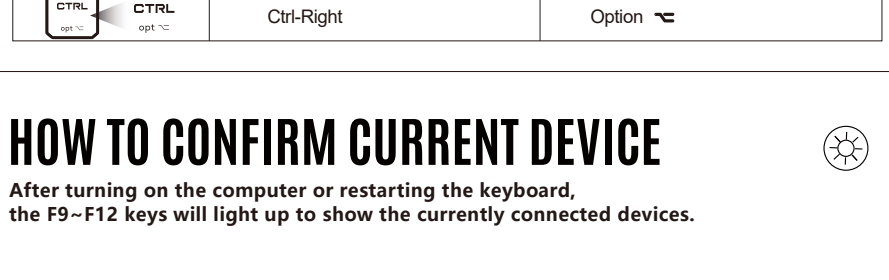
Note: While in wired mode, the keyboard charges simultaneously.



- 1 Attach the Type-C end to the keyboard and the USB end to your computer.
- 2 Press "Fn + F12" to change to wired connection mode.
- 3 The F12 key will light up for 10 seconds, indicating that the USB device is connected.

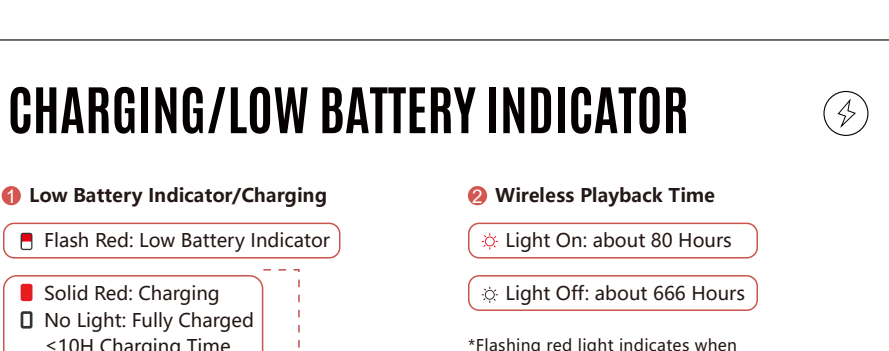
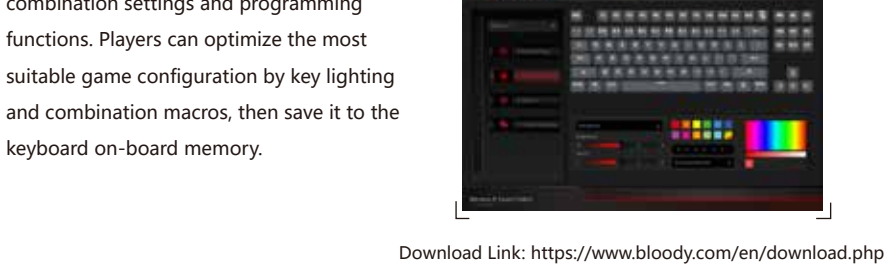
## INDICATOR

(For Mobile Phone/Tablet/Laptop)



| Device Indicator  | F9 Key Flash Light                                 | F10 Key Flash Light | F11 Key Flash Light | F12 Key Flash Light                                |
|---|--|---------------------|---------------------|--|
| Multi-Device Switch                                       | FN + F9  | FN + F10            | FN + F11            | FN + F12   |
| Device Switch: Short-Press for 1S                         | F9 Solid Light 10S                                 | F10 Solid Light 10S | F11 Solid Light 10S | F12 Solid Light 10S                                |
| First Pair: Automatic Pairing Re-Pair: Short-Press for 3S | Pairing: Flashes Slowly Connected: Solid Light 10S |                     | No Need to Pair     | Pairing: Flashes Slowly Connected: Solid Light 10S |

## COMBINATION FN KEYS



## DUAL-FUNCTION KEY

Win / Mac Layout

| Keyboard Layout | Windows   | Mac       |
|-----------------|---|-----------|
| FN + O/P        | Switching Steps:<br>① Choose Mac layout by pressing "Fn + O".<br>② Choose PC layout by pressing "Fn + P". |           |
| CTRL            | Ctrl  | Control ^ |
| Start           | Start   | Option    |
| ALT             | Alt   | Command   |
| ALT             | Alt-Right   | Command   |
| CTRL            | Ctrl-Right  | Option    |

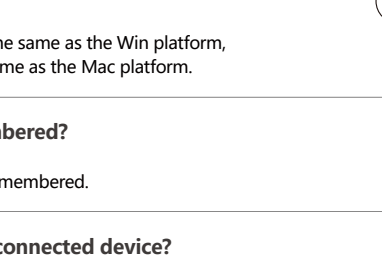
## HOW TO CONFIRM CURRENT DEVICE

After turning on the computer or restarting the keyboard, the F9~F12 keys will light up to show the currently connected devices.

| Keypads Status  | F9                                     | F10                | F11         | F12       |
|-----------------|--|--------------------|-------------|-----------|
| Connection Mode | Bluetooth Device 1                     | Bluetooth Device 2 | 2.4G Device | USB Wired |
| Connecting      | F9~F12 Key Solid Light 10S             |                    |             |           |
| Connected       | F9~F12 Key Restore RGB Lighting Effect |                    |             |           |

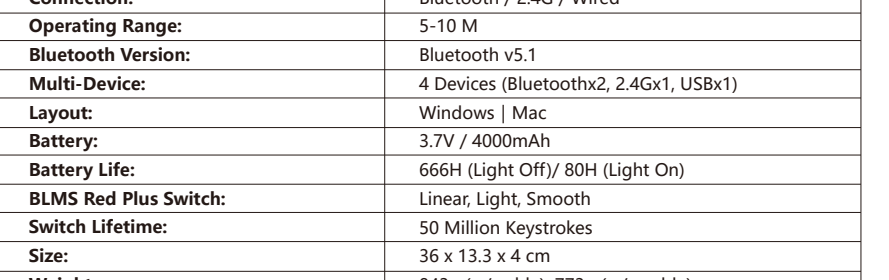
## WIRELESS K-ESPORT EDITOR

Provide the keyboard with simple combination settings and programming functions. Players can optimize the most suitable game configuration by key lighting and combination macros, then save it to the keyboard on-board memory.



Download Link: <https://www.bloody.com/en/download.php>

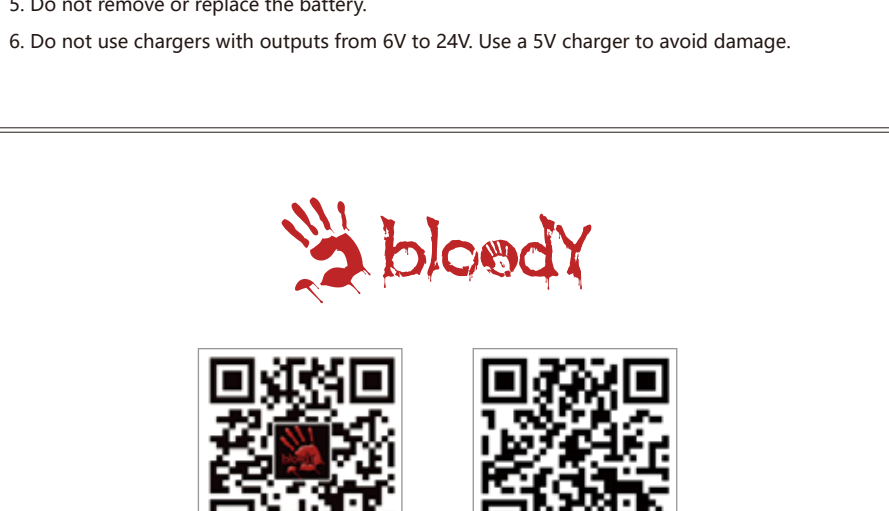
## CHARGING/LOW BATTERY INDICATOR



Note: While the keyboard is connected with Bluetooth or 2.4G wireless mode, if you plug in the Type-C cable to the keyboard, the wired mode is for charging only. The keyboard will not automatically switch to wired mode.

## SWAP SWITCH STEP

Compatible with 3-Pin & 5-Pin Style Mechanical Switches



Note: The switches, keycap & switch puller pictures are for reference only and are not included in the package.

## Q & A

- Question: When connected in 2.4G wireless mode, the keyboard sometimes lags. How can I fix this? Answer: Follow these steps to troubleshoot: 1. Ensure the receiver is inserted in the USB anti-interference extension cable seat. 2. Ensure the receiver environment is within 30~100 cm, with no obstacles or metal objects. 3. Check for strong wireless routers or other wireless transmitter interference sources within 1 meter.
- Question: Is there a maximum number of wireless products that can be used in the same environment? Answer: We recommend 10 units or less. (For more than 10 units, it is recommended to be 1.5m~3m apart)
- Question: Does the keyboard support Win/Mac platforms and also Android and iOS platforms? Answer: Yes, the layout of the Android platform is the same as the Win platform, and the layout of the iOS platform is the same as the Mac platform.
- Question: Can the keyboard layout be remembered? Answer: Yes, the layout you used last time will be remembered.
- Question: Does the keyboard remember the connected device? Answer: Yes, the device you connected last time will be remembered.
- Question: Will my Bluetooth device be disconnected if I plug in USB wired cable when using Bluetooth mode? Answer: No, multi-mode devices need to be switched manually.

## TECH SPEC

|                                   |  |
|-----------------------------------|--|
| Connection:                       | Bluetooth / 2.4G / Wired               |
| Operating Range:                  | 5-10 M                                 |
| Bluetooth Version:                | Bluetooth v5.1                         |
| Multi-Device:                     | 4 Devices (Bluetoothx2, 2.4Gx1, USBx1) |
| Layout:                           | Windows   Mac                          |
| Battery:                          | 3.7V / 4000mAh                         |
| Battery Life:                     | 666H (Light Off) / 80H (Light On)      |
| BLMS Red Plus Switch:             | Linear, Light, Smooth                  |
| Switch Lifetime:                  | 50 Million Keystrokes                  |
| Size:                             | 36 x 13.3 x 4 cm                       |
| Weight:                           | 843g (w/ cable), 773g (w/o cable)      |
| Type-C Cable Length:              | 120 cm                                 |
| Anti-Interference Extension Dock: | 120 cm                                 |
| System Requirements:              | Windows 7/8/8.1/10/11                  |

## WARNING STATEMENT

- The following actions may cause damage to the product:
  - Disassembling, bumping, crushing, or throwing into the fire can cause irreparable damage due to lithium battery leakage.
  - Avoid exposing to strong sunlight.
  - Follow local laws for battery disposal; recycle if possible.
  - Improper disposal may cause fire or explosion.
  - Avoid charging in environments below 0°C.
  - Do not remove or replace the battery.
  - Do not use chargers with outputs from 6V to 24V. Use a 5V charger to avoid damage.



www.Bloody.com



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