



# **J2 Wireless Mechanical Keyboard**

# Fully Assembled Version

## Keyboard

1x Fully Assembled Keyboard

## Including

1x Case

1x PCB

1x PC Plate

1x Sound Absorbing Foam

1x IXPE Foam

1x PET Film

1x Silicone Bottom Pad

1x EPDM Foam

1x Bottom Case PET Film

4 sets x Stabilizers

1 set x Keycaps

1 set x Switches

## Cable

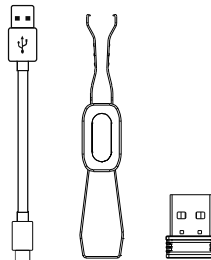
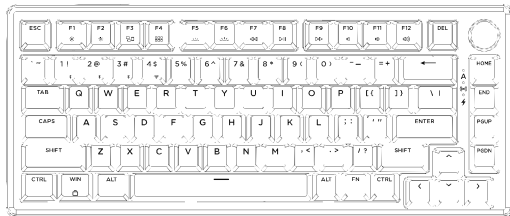
1x Type-A to Type-C Cable

## Receiver

1x Type-A 2.4 GHz Receiver

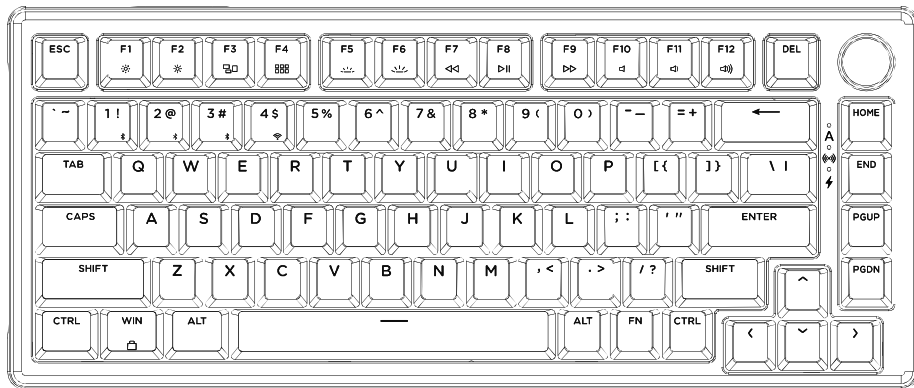
## Tools

1x Keycap & Switch Puller



# Quick Start Guide

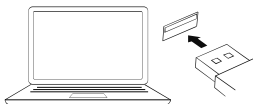
The default system of this product is Windows.



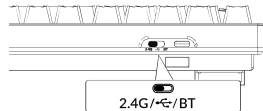
## 1 Connect 2.4GHz Receiver



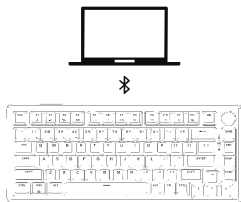
Connect the 2.4GHz receiver to the device USB port.



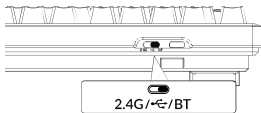
Switch toggle to 2.4GHz mode



## 2 Connect Bluetooth



Switch toggle to Bluetooth



Press FN + 1 (for 4 seconds) and pair with device named JamesDonkey J2.

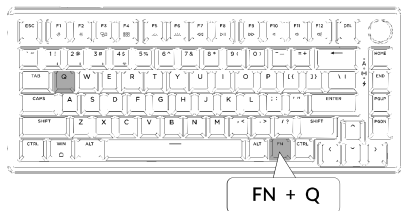


### 3 Connect Cable

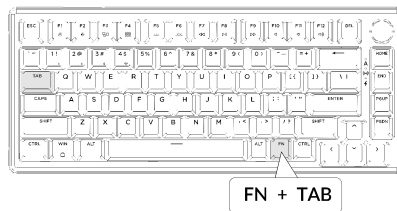


### 4 The Backlight

Press FN + Q to change the lighting effect

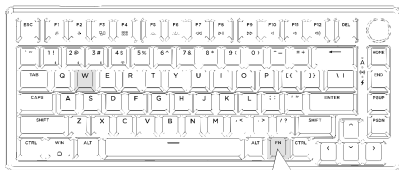


Press FN + TAB to turn the backlight on/off



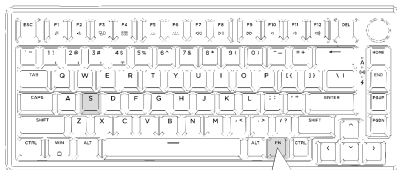
## 5 Adjust The Backlight Brightness

Press FN + W to increase the backlight brightness



FN + W

Press FN + S to decrease the backlight brightness

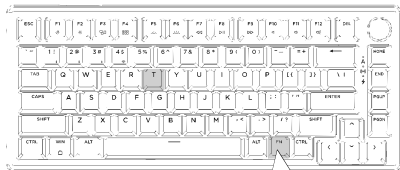


FN + S

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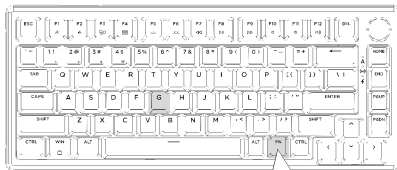
## 6 Adjust The Backlight Speed

Press FN + T to increase the light effect speed



FN + T

Press FN + G to decrease the light effect speed



FN + G

## 7 Switch to Mac



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Use the online launcher app to remap the Windows keys to Mac keys.



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## 8 The JamesDonkey Launcher App

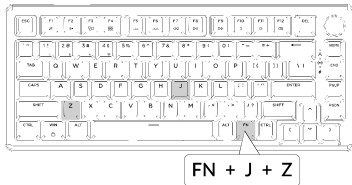
Please visit [launcher.jamesdonkey.com](https://launcher.jamesdonkey.com) to use the online Launcher web app to remap the keys, create macro commands, or flash the firmware. If the Launcher cannot recognize your keyboard, please reach our support to get the instructions.



\*The online Launcher can only run on the latest version of Chrome, Edge, and Opera browsers.

\*The Launcher only works when the keyboard is connected by wire to the computer.

## 9 Factory Reset & Firmware Update



### Troubleshooting? Don't know what's going on with the keyboard?

#### Factory reset your keyboard

1. Power on your keyboard.
2. Press and hold FN + J + Z (for 4 seconds). The keyboard backlight will flash in red quickly for 3 seconds, indicating that the keyboard has been reset.

#### Flash your keyboard firmware

1. Visit [launcher.jamesdonkey.com](https://launcher.jamesdonkey.com) to open the online Launcher web app.
2. Ensure the keyboard is in Cable or Wired mode and plug in the power cable.
3. Find the 'Firmware Update' tab on the left side of the Launcher and connect your keyboard with it.
4. Follow the instructions on the Launcher and complete the firmware update.

\*Step-by-step guide, search the keyword "firmware" on [jamesdonkey.com](https://jamesdonkey.com).

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## 10 Warranty

The keyboard is highly customizable and easy to be rebuilt. If anything goes wrong with any of the keyboard components of keyboard during the warranty period, we will only replace the defective parts of the keyboard, not the whole keyboard.





## J2 WIRELESS MECHANICAL KEYBOARD SPECIFICATIONS

Number of keys: 83

Switch type: Mechanical

Battery: 4000mAh

Charging time: Around 4 hours

Charging port: Type-C

Mode: Bluetooth / Wired / 2.4 GHz

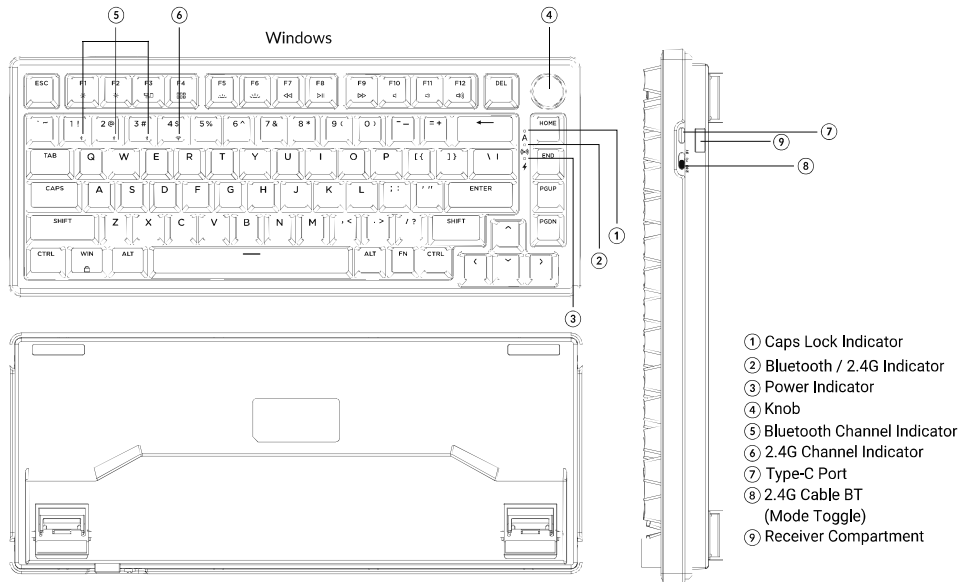
Bluetooth operating distance: Within 10 meters (open space)

Name of Bluetooth device: JamesDonkey J2

### LED STATUS OVERVIEW

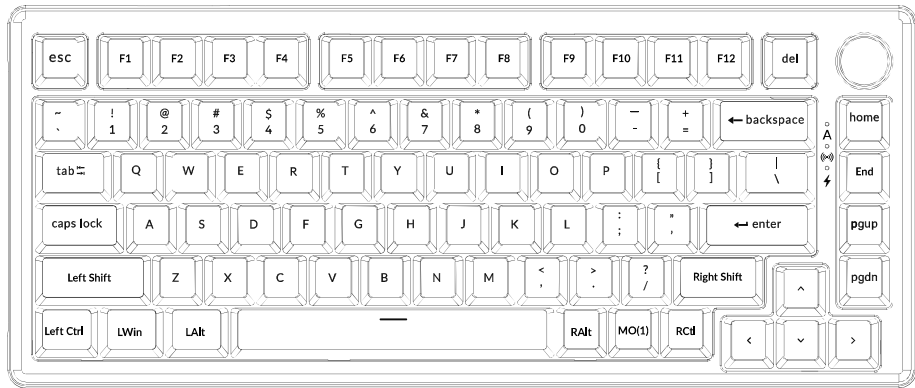
LED Location	Function	Status
Power Indicator	Charging	Low Power - Red Light Blinking Charging - Static Red Fully Charged - Static Green
Bluetooth / 2.4 GHz Channel Indicator	Bluetooth / 2.4 GHz	Reconnecting - Fast Blinking Paired - Light off Pairing - Slow Blinking
Caps Lock Indicator	Caps Lock	Enable - Static Blue Disable - Light Off

# J2 WIRELESS MECHANICAL KEYBOARD OVERVIEW



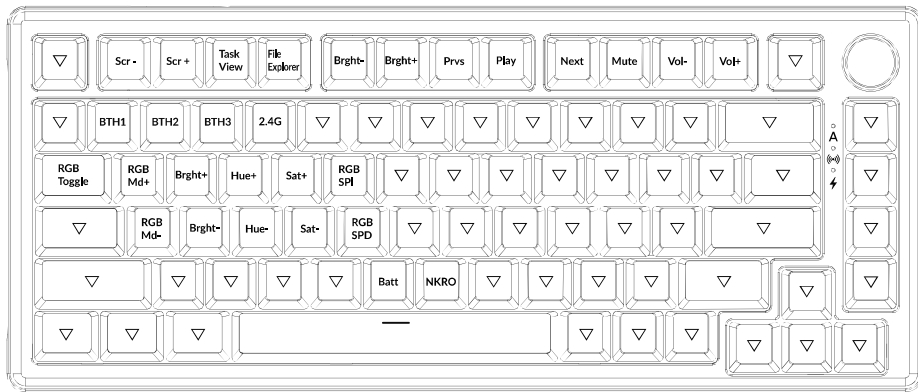
## DEFAULT KEY LAYOUT:

LAYER 0: This is the default layer.

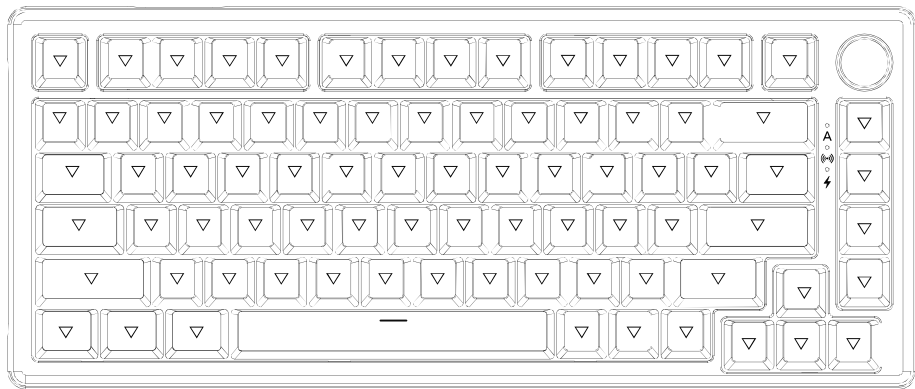


LWin = Left Windows   LAlt = Left Alt   RAlt = Right Alt   RCtrl = Right Ctrl

LAYER 1: This layer will be activated when you press the FN/MO(1) key.



LAYER 2 / LAYER 3: This is a blank layer.



## KEY DESCRIPTION

Key Description		Key Description		Key Description	
Scr-	Screen Brightness Decrease	RGB Md-	RGB Mode Previous	Sat+	Saturation Increase
Scr+	Screen Brightness Increase	Hue+	Hue Increase	Sat-	Saturation Decrease
Bright-	Backlight Decrease	Hue-	Hue Decrease		
Bright+	Backlight Increase	RGB SPI	RGB Speed Increase		
Prvs	Previous	RGB SPD	RGB Speed Decrease		
Play	Play/Pause	MO(1)	Layer 1 will be activated when holding this key		
Next	Next	BTH1	Bluetooth Host 1		
Mute	Mute	BTH2	Bluetooth Host 2		
Vol-	Volume Decrease	BTH3	Bluetooth Host 3		
Vol+	Volume Increase	2.4G	2.4GHz Host		
RGB Toggle	Turn Backlight on/off	Batt	Battery Life		
RGB Md+	RGB Mode Next	NKRO	N-Key Rollover		

## **FUNCTION DESCRIPTION:**

### **CHARGING**

Plug the cable into a USB port and plug the other end into the keyboard port. Power indicator: A red light will stay on while charging; Fully charged in around 4 hours, a green power indicator will appear.

\*The J2 keyboard is compatible with all USB ports. Please use a 5V 1A adapter or USB 3.0 for the best performance. The J2 can be charged in Bluetooth/2.4G/Wired mode.

\*\*This product supports up to 5V charging voltage and 1A charging current. We are not responsible for any problems caused by improper charging.

### **2.4GHZ / CABLE / BLUETOOTH MODE (MODE TOGGLE)**

#### **2.4GHZ MODE**

1. Connect the 2.4GHz receiver to your device's USB Port.
2. Switch the toggle to the " 2.4G" option. The keyboard will automatically connect to your device.

#### **BLUETOOTH MODE**

1. Switch the toggle to the " BT " option.
2. Backlighting will be turned on.
3. Hold "FN+1" key for 4 seconds to activate Bluetooth pairing (the Bluetooth channel indicator fast flashes for 3 minutes to detect pairing).
4. Search for the Bluetooth device "JamesDonkey J2" on your device and connect it (the Bluetooth channel indicator goes off after successful pairing).

Note: This keyboard supports pairing up to 3 devices simultaneously via key combination "FN" + "1" / "FN" + "2" / "FN" + "3".

\*The Bluetooth channel indicator will continue to flash for 3 minutes.

\*\*Slow or failed connections may exist due to different Bluetooth versions, please make sure all the settings are correct.

## **SWITCH BLUETOOTH DEVICES**

Short press key combination "FN" + "1" / "FN" + "2" / "FN" + "3" to switch to other device.

## **RECONNECT:**

1. Switch the keyboard to the " BT " option to activate the keyboard.
  2. The Bluetooth channel indicator flashes for 3 seconds and automatically pairs with the last paired device.
  3. If the Bluetooth channel indicator is off, press any button to enter the connection again.
- \* The keyboard must have been paired with the device to perform this function.

## **WIRED MODE**

1. Switch the toggle to the " ⌚ " option.
  2. Connect our cable with your PC and keyboard.
  3. Backlighting will be turned on.
- \*Under Wired Mode, keyboard will not enter into Battery Saver Mode.

## **TURN OFF THE KEYBOARD**

Switch the keyboard to the Cable option and unplug the power cable.



## **BACKLIGHT SETTING**

- Short press key combination "FN" + "TAB" or "FN" + "knob (press)" to turn the backlight on/off.
- Short press key combination "FN" + "Q" or "FN" + "A" to switch between different types of lighting effects.

## **TROUBLESHOOTING**

If unable to pair keyboard to device, confirm that the device you're trying to pair with is Bluetooth-capable. If so, restart the device and try pairing it with the keyboard again.

Note: On a Windows computer, a new Bluetooth connection will sometimes require additional software updates—a process that may still be ongoing after a message appears indicating a successful completion. Wait at least 20 minutes after pairing to make sure all updates are completed before restarting the computer.

Confirm that the device is configured to accept Bluetooth connections (Windows) and supports an external keyboard (HID profile).

Go to Bluetooth Devices > Open Settings and select the following:

Allow Bluetooth devices to find this computer

Allow Bluetooth devices to connect to this computer

Alert me when a Bluetooth device wants to connect

### **My keyboard isn't working in Bluetooth mode.**

For the computer/smartphone:

Go to your device Bluetooth settings>Select the keyboard and remove/delete/unpair it.

Then restart your device.

For the keyboard:

Turn the keyboard off and back on. Then reconnect it to your device.

### **My keyboard isn't working in 2.4 GHz mode.**

Ensure the toggle is set to 2.4 GHz, remove the receiver from your device, and press "FN" + "4" for 4 seconds to force pair, then reinsert the receiver into the device, keeping the keyboard within 20 cm of the receiver for optimal pairing.

### **Wireless connection is interrupted even within 10 meters.**

Check if the keyboard is resting on a metal surface that can interfere with the wireless signal.

### **Third-party input tools are not compatible with the keyboard.**

Due to compatibility, versions, brands and drivers of Windows/Android OS, functions of third-party input tools may be affected while using the keyboard. Please make sure your operating system and drivers are up to date.

## **FCC STATEMENT:**

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.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

#### Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement in portable exposure condition without restriction.

### **Certain multimedia keys or function keys do not work.**

Functions of certain multimedia keys may be disabled due to compatibility, versions, brands, and drivers of devices.

\*Multimedia keys: 

Function keys: 

### **Safety Precaution:**

Keep the product, accessories and packaging parts out of the reach of children to prevent any accidents and choking hazards.

Always keep the product dry to avoid corrosion.


Do not expose the product to extreme temperatures below -10°C (14°F) or above 50°C (122°F) to preserve the lifespan of the keyboard and battery.



Find us at:

<https://www.jamesdonkey.com>

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