



USER MANUAL

MECHANICAL KEYBOARD

Contact Us:

Whatever you need, we're here to help.
Just get in touch, and we'll try our best to respond within 24 hours.
After-sales Email: csforcustomer@gmail.com

Warning: For external power adapters or mobile power banks, please use an output of 5V/2A or 5V/1A. Using a mobile power bank/external power adapter outside of this range may cause certain secondary disasters or damage to the keyboard itself. It is recommended to use a valid USB port on the computer for charging.

Standby/Sleep/Wake-up

- When the keyboard is in 2.4G or BT working state, it will enter standby mode after about 2 minutes of inactivity (the screen only displays the time), the brightness of the keyboard backlight will dim after about 10 minutes of inactivity, and it will enter sleep mode after about 30 minutes of inactivity (turn off the backlight and screen).
- Press any key in any power-saving state to wake up the keyboard for use again (the scroll wheel is not supported).
- If you carry the keyboard out or do not use it for a long time, please switch the switch to the OFF position.

Other Notes

- The displayed time on the screen can be calibrated through the PC-side driver provided with the keyboard.
- The language displayed on the screen can be changed in the screen's language menu.
- CAPS switching can be instantly displayed on the screen.

Trouble shooting

If you fail to connect the keyboard's Bluetooth or 2.4G mode to other devices or cannot use it normally, please try the following steps:

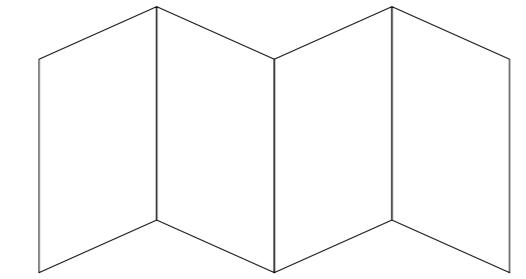
- Please use a branded Bluetooth adapter; otherwise, compatibility issues may occur. The installation of the adapter driver can refer to the user manual.

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Packing List

- Keyboard *1
- User manual *1
- USB Type-C cable *1
- Nano receiver *1
- Spare switch *2
- Switch and keycap puller *1
- Cloth bag *1

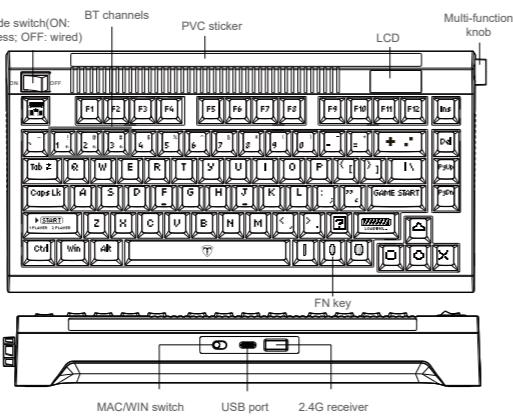
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Overview

- The keyboard is equipped with a 1.14-inch screen.
- Wired+2.4G+Bluetooth(3.0+5.0) triple-mode technology.
- Bluetooth supports 3 channels, capable of connecting to 3 devices.
- Low battery reminder function, keeps track of battery charging time.
- Multi-level sleep mode, supports key wake-up function, and supports complete battery shutdown for better power saving.
- Compatible with Windows XP/Vista/7, 8, 10, 11, Mac OS X, Linux, Android operating systems and above.

Layout



Work Mode Selection And Charging Indication

- ON OFF: Switch to the OFF position, connect the keyboard to the PC using the provided TYPE-C cable, and the keyboard will work in wired USB mode.
- ON OFF: Switch to the ON position, use the function keys to select BT or 2.4G mode.
- 2.4G Mode: Long press "Fn + 4" on the keyboard for about 3 seconds, the LED under "4" key will flash rapidly (pairing waiting time is about 60 seconds), insert the receiver into a valid USB port on the computer, and after successful pairing, the keyboard screen will indicate "2.4G connection successful".
- Bluetooth Mode: Long press "Fn + 1 or 2 or 3 key" on the keyboard for 3 seconds, the corresponding LED under "1" or "2" or "3" key will flash rapidly, and the keyboard screen will indicate "BT1 or BT2 or BT3 pairing", the keyboard will broadcast to ONCE81 5.0 and ONCE81 3.0 devices (pairing waiting time is about 60 seconds), after successful pairing, the keyboard screen will display "BT1 or BT2 or BT3 connection successful". When switching between the paired 3 Bluetooth channels, simply short press Fn+1 or 2 or 3 key.

Note:

- Windows 7 and below operating systems do not support BT 5.0 devices.
- When the switch is set to the ON position, short press "Fn + 1 or 2 or 3 or 4" and then use the scroll wheel to select BT(BT1 or BT2 or BT3) mode or 2.4 mode on the screen, and click the scroll wheel to enter the pairing state of the selected mode or channel.

Backlight (Effect, Brightness, Speed, Color)

- Effects: Adjustable in 18 types.
- Brightness of Effects: Adjustable in 5 levels.
- Speed of Effects: Adjustable in 5 levels.
- Color of Effects: Red-Orange -Yellow-Green-Cyan- Blue - Purple - Customize- RGB.

FCC WARNING

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.

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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. This equipment complies with FCC's RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna(s) must not be co-located or in conjunction with any other antenna or transmitter.

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Backlight Switching Methods

- Use keyboard combination keys Fn+INS = cycle through 18 lighting effects. Fn+DEL = cycle through lighting effect colors. Fn+SPACE = lighting off/on. Fn+“↑/↓”=adjust brightness. Fn+“←/→”=adjust speed.
- Single click the scroll wheel, the keyboard screen will display the main menu of function categories, rotate the scroll wheel to select the corresponding option under backlight (effect, brightness, speed, color, language), then single click the scroll wheel to enter the corresponding submenu, rotate the scroll wheel to select effect/color or adjust brightness/speed.

Partial Key Function System Compatibility Switch

- When the system compatibility switch is set to the WIN position (the following key function categories apply to WIN systems), Fn + Win key can lock and unlock the Win key to prevent accidental triggering of this key during gaming (WINDOWS operating system will pop up a window), when locked, the Win key will illuminate with white lig.

Key	Function	Key	Function
Fn+F1	Brightness -	Fn+F7	Previous Track
Fn+F2	Brightness +	Fn+F8	Play/Pause
Fn+F3	Multitasking (Alt+Tab)	Fn+F9	Next Track
Fn+F4	Desktop(Win+D)	Fn+F10	Mute
Fn+F5	Back	Fn+F11	Volume -
Fn+F6	Search	Fn+F12	Volume +

BATTERY SAFETY GUIDELINES

DO NOT replace the battery with a different model.
DO NOT use this product if the battery shows signs of damage including, but not limited to tearing, deformation, leakage, or the smell of electrolytic material.
DO NOT touch the battery if material is leaking and seek immediate medical attention if any material comes into contact with your skin or eyes.
DO NOT expose the battery to liquid, heat sources, electricity (outside of the product itself), or other non-standard operating condition.
DO NOT remove the battery except for proper disposal and recycling as required by local laws and regulations.
DO NOT impact, bend, alter, disassemble, or otherwise damage the battery as the contents are volatile, hazardous, and can be harmful.

CAUTION

Failing to follow all safety guidelines may result in product damage, explosion, fire, and/or electric shock.

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne doit pas causer d'interférences. (2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil.
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).
Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

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- When the system compatibility switch is set to the MAC position (the following key function categories apply to MAC systems).

Key	Function	Key	Function
F1	Brightness -	F7	Pre
F2	Brightness +	F8	Pause
F3	Multitasking	F9	Next
F4	Siri	F10	Mute
F5	app Exposé	F11	Vol -
F6	Search	F12	Vol +

- Press Fn+ESC for 3 seconds to restore the factory default lighting effect.

Programming Function

Support customized buttons setting and lighting effects via the programming software, which can be installed from <https://gamingffe.com/pages/download>.

Battery Indicator/Charging Matters/Operating Current

- Battery Indicator: The battery icon in the upper right corner of the screen indicates the current battery level.
- Charging Matters: This keyboard supports charging modes of mobile power bank/power adapter/valid USB port on the computer, using the provided TYPE-C cable to connect to the keyboard.
- Operating Current: Less than 550mA in wired USB mode (battery charging), less than 433mA at 2.4G and Bluetooth working states, 3.7V.

型号	PTX 8926		备注: 尺寸: L100*W100
名称	说明书		材质: 80克书纸, 风琴折
日期	2024-8-13		印刷: 单黑印刷
页码	1 OF 1		文件编号
绘图	冯丽廷	审核	香敏琪
		核准	
			版本 A.0