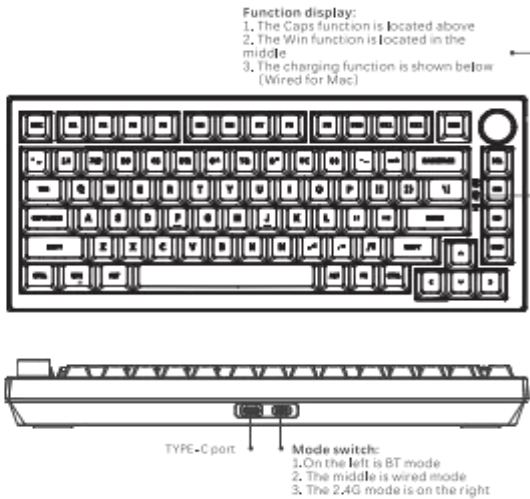
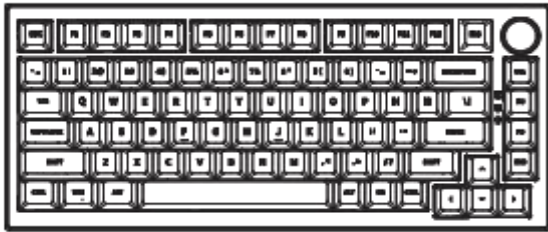


K81- Instruction Manual

Game mechanical keyboard



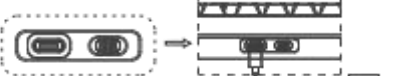
• BT connection



1. Switch to BT mode.

2. Search for matching K81. The connection is successful.

• Wired connection



1. Switch to wired mode.

2. Connect one end of the standard USB TYPE-C cable to the corresponding port on the keyboard. Plug the other end into the corresponding port of the computer to use.

• 2.4G connection



1. Switch to 2.4G mode.

2. Remove the USB receiver from the keyboard slot.

3. Insert the USB receiver into the computer interface to use.

1. Product description

The device is composed of multiple HID subset devices, including keyboard devices/mouse devices/consumer devices/system devices/custom devices, and highly integrated to achieve comprehensive input of devices. Game-level key performance, in the fast response at the same time with the software anti-interference algorithm, to ensure efficient and stable, support full-key conflict-free input.

2. Equipment characteristics

The USB 2.0 full-speed port supports the 1000Hz report rate. Composite multiple HID subset devices to support multiple types of report formats. Support system: Win7/ Win8/ Win10/ Android/Apple operating system. Excellent mechanical key performance, fast response processing, strong anti-interference ability, support full-key conflict-free input. Standard keyboard report format to ensure system input compatibility. Supports multimedia shortcut keys. Supports the system power management button. Support for mouse events. Firmware update via USB is available to upgrade the software version. Support windows PC software, keyboard key definition, macro recording, light effect switching, configuration switching and other functions. According to custom requirements, support to expand the keyboard side lights/indicators/rollers/keys/various sensors

3. keyboard collocation

Product size: 350.5x142x44mm

4. Key matrix 6*21

5. CPU chip package (LQFP48-B bit)

6. CPU chip electrical characteristics

Storage temperature -50° ~ +150° Power supply voltage 0V ~ 5.0V Operating temperature -40° ~ +85° Port voltage VSS=0.3V~VDD =5V

7. Indicator light

Independent indicator (white), each function is Caps Lock, Caps Lock, Win Lock, Lock the device by the Win key. System switch indicator: The indicator is off in Windows, but on in Mac

• 7-1. Indicator light

Low Battery: Low battery indicator light, flashing low battery, constantly on during charging, turned off when fully charged. Link State: When not connected, the Q/W/E/R/T button light flashes white in the connected state, normal lighting is displayed.

• 8-1.FN combination key function

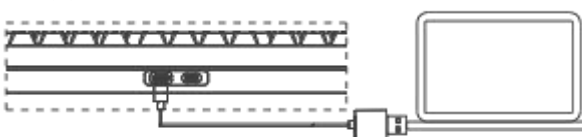
Key combination	Feature	Instructions
FN+ALT	Production lighting test key	Monochrome Full brightness
FN+TAB	Color switching	Switch the color of the light (red, orange, yellow, green, cyan, blue, purple, white)
FN+Q	Switch to the first Bluetooth device	Short press to switch to Bluetooth channel 1/2/3; Long press for 3 seconds to delete the binding information and start a new broadcast
FN+W	Switch to the second Bluetooth device	The button indicator light flashes when disconnecting, and stops flashing after connecting
FN+E	Switch to Bluetooth 3rd device	Need to use with 2.4G wireless receiver Dongle
FN+R	Switch to 2.4G mode	Short press to switch to 2.4G channel; Press and hold for 3 seconds to re-enter pairing mode; The button indicator light flashes when disconnecting, and stops flashing after connecting
FN+T	Switch to wired mode	
FN+SPACE	Check battery level	Press the combination key Fn+space, the back light will turn off, and the number keys 1 to 0 will light up to display the proportion of battery life. For example, if 1 is on, it indicates 10% battery life, and if 1 and 2 are on, it indicates 20% battery life, and so on. (This feature only supports 1~0 monochrome display)

8.FN combination key function

Key combination	Feature
FN+F1	MUSIC/ANS
FN+F2	Volume down
FN+F3	Volume plus
FN+F4	Sound off
FN+F5	Pause
FN+F6	Previous song
FN+F7	Play/pause
FN+F8	Next song
FN+F9	Mail box
FN+F10	Home page
FN+F11	My computer
FN+F12	The Reckoner
FN+PGUP	HOME
FN+A	WIN system
FN+S	MAC system
FN+WIN	Lock WIN

Key combination	Feature	Instructions
FN+V	Light effect cycle switch	Static, wave, single point, serpentine racing, diffusion, ring racing, fountain, rotation, wave band, word radiation, breath.
FN+↓	Brightness-	Light brightness adjustment (default maximum), 5 gear plus off, Turn it to the brightest and flash the three indicators three times
FN+↑	Brightness+	Light brightness adjustment (default maximum), 5 gear plus off, Turn it to the brightest and flash the three indicators three times
FN+←	Slow down	The speed of the light effect is adjusted, the sixth gear is set to the highest, and the three indicators flash three times
FN+→	Speed up	The light effect speed is adjusted, the 6th gear is set to the lowest, and the three indicators flash three times
FN+ESC	Factory data reset knob switch	Press and hold for 3S to restore the device to factory Settings
Knob switch		By default, press down to mute the left and right, turn the volume and press for 3 seconds, and the bottom light of the middle three indicators flashes three times to turn down the side light effect, and the left and right side light brightness

9.Charging



• Connect the standard USB cable to the keyboard and computer to charge the keyboard. When charging, the ESC key red light is steady on, and the effect follows the current light when fully charged.

• When the display light is flashing, charge the keyboard in time.

10.Troubleshooting

If an incorrect operation occurs, follow these steps.

- Check connector integrity.
- Check that the connection to the computer is correct.
- Check the correctness of the computer Settings.
- Disconnect and reconnect the device; Restart your computer.

If the problem persists, contact your local seller.

FCC Requirement

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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) (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.