

GS K1R

Wireless Mechanical Gaming Keyboard Receiver



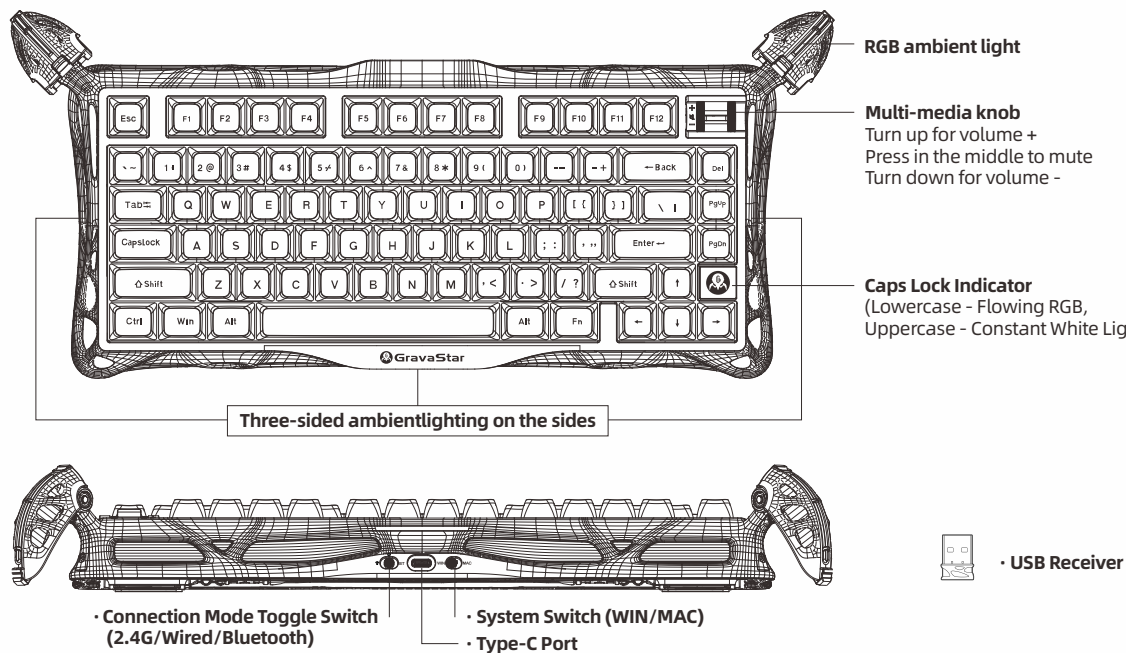
User Manual

Specifications

- **Number of keys:** 79 keys
- **Keyboard switch type:** Mechanical switch
- **Bluetooth version:** V5.0
- **Bluetooth name:** K1 PRO
- **Wireless distance:** >10 meters
- **Battery capacity:** 8000mAh
- **Battery life:**
 - **Approximately** 33 hours (default lighting effect)
 - **Approximately** 666 hours (with all lights off)
- **Input :** DC 5V~1200mA
- **Charging time:** About 10 hours
- **Interface type:** Type-C
- **Product dimensions:** 415*187.6*57.6mm
- **Product weight:** 1.18KG
- **System Support:** Windows XP and above / Mac

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Functions



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Connection Methods

2.4G Connection: Toggle the switch on the left to 2.4G mode, ~ key's cyan light will flash slowly. Then, press FN+~ for 3 seconds until the cyan light flashes quickly to enter pairing mode. At this point, insert the receiver to complete the pairing. The ~ key's cyan light will stay on for 2 seconds, indicating a successful 2.4G connection. (Note: When connecting via 2.4G, search first before inserting the receiver). The factory default is pre-paired, so you can automatically connect by inserting the USB receiver into the computer's USB port.

Bluetooth Connection: Toggle the left switch to Bluetooth mode BT3.0/BLE5.0 (Device name: K1_3.0/K1_5.0)

Depending on the Bluetooth version of the terminal device, it will broadcast randomly, and up to 3 devices can be connected:

- Fn + [1] = Bluetooth 1:** The blue indicator flashes quickly when broadcasting, reconnects slowly, and stays on for 3 seconds when connected
- Fn + [2] = Bluetooth 2:** The blue indicator flashes quickly when broadcasting, reconnects slowly, and stays on for 3 seconds when connected
- Fn + [3] = Bluetooth 3:** The blue indicator flashes quickly when broadcasting, reconnects slowly, and stays on for 3 seconds when connected

Wired Connection: Toggle the left switch to wired mode, the white light on the "4" key stays on for 3 seconds.

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Operating System Mode Switching

- Fn + Left WIN = Lock/Unlock the left WIN key (when WIN is locked, the WIN indicator stays on; not locked in Android/MAC/IOS systems).
- When switched to Mac system, the positions of left WIN/left ALT are swapped (WIN not locked). When switched to Mac/IOS systems, key positions are swapped(WIN not locked) as shown in:

WIN	LEFT WIN	LEFT ALT	RIGHT ALT
Mac	LEFT Option	LEFT Command	RIGHT Command

Hotkey Instructions

(Make sure the left switch is set to the corresponding mode FN+`~/1/2/3 to enable pairing)

Fn+	ESC	~`	1!	2@	3@	\	TAB	↑
Combination Functions	Restore Factory Settings	2.4G Pairing	Bluetooth Device 1#	Bluetooth Device 2#	Bluetooth Device 3#	Switch Key Backlight Effects	Switch Key Backlight Color	Increase Key Backlight Brightness
Fn+	↓	←	→	WIN-L	DEL	PGUP	PGDN	U
Combination Functions	Decrease Key Backlight Brightness	Decrease Key Backlight Speed	Increase Key Backlight Speed	WIN System Lock WIN and APP	Insert	HOME	END	Print Screen
Fn+	I	O	B					
Combination Functions	Scroll Lock	Pause	Battery Indicator					

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Windows operating system

(single key press function of the F key and FN key combination function with the F key)

Key	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
Single Press	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
Fn Combination	Home	Email	Switch Window	Open File Explorer	Decrease Brightness	Increase Brightness	Previous Track	Play/ Pause	Next Track	Mute	Volume Down	Volume Up

Mac System

(F Key Single Function and FN Combination Function)

Key	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
Single Press	Decrease Screen brightness	Increase Screen brightness	Switch window	Return to desktop	Decrease Brightness	Increase Brightness	Previous Track	Play/ Pause	Next Track	Mute	Volume Down	Volume Up
Fn Combination	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12

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Lighting Effects

Key Backlight Effects

- Fn + "I" key combination = Switch between 13 types of RGB backlight effects: Wave (default effect after reset), Shadow Follow, Sine Wave, Spinning Windmill, Colorful Waterfall, Prosperous Bloom, Gaming Mode, Off Constant Light Mode, Dream Rainbow, Instant Trigger, Key Ripple, Starry Sky.

- Fn + [↑] = Increase Brightness**
- Fn + [←] = Decrease Speed**
- Fn + [TAB] = Switch Backlight Color**
- Fn + [↓] = Decrease Brightness**
- Fn + [→] = Increase Speed**

Ambient Light Effects

Key Backlight Effects

- Fn + Right Shift = Switch Side Ambient Light Mode. Monochrome steady light (default lighting effect), monochrome breathing, running light, colorful stream, and rainbow color change. These are the 5 lighting effects available. Among these, monochrome breathing, monochrome steady light, and running light can switch colors, including white, red, green, blue, yellow, purple, and cyan.

- Fn + [/?] = Switch Ambient Light Color**
- Fn + [←] = Cycle through Ambient Light Brightness**
- Fn + [→] = Cycle through Ambient Light Speed**

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Battery Display

- Press and hold Fn + B to check, 1~0 indicates battery level: all green when fully charged, green lights gradually decrease as battery is consumed, if battery <30% 1-3 lights turn red, if battery ≥30% 1-0 lights remain green. Release to restore the light effect.
- When battery is low, the FN key flashes red. During charging, the FN key lights up red continuously, and turns off when fully charged.
- Battery status can be displayed on the computer when connected via Bluetooth

Factory Reset

- Press and hold Fn + Esc for three seconds to restore defaults. Previously connected Bluetooth devices will remain saved.

Software Download

- To download the driver, please visit gravastar.com to get the download link. You can define your preferred key functions, combination functions, backlight effects, etc., through the driver software.

What's in the Package

- Keyboard x 1 / 2.4G Receive x 1 / USB-A to USB-C Cable x 1
- User Manual x 1 / Switch Puller x 1

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Manufacturer: ZhuoYe ChuangYi Co. Ltd
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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.

Any Changes or modifications 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.