

AiKUN GX968WR-
RGB Wireless Gaming
Keyboard



AiKUN GX968WR-RGB Wireless Gaming Keyboard User Manual

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AiKUN GX968WR-RGB Wireless Gaming Keyboard



Specifications:

- Model: GX968WR-RGB
- Date: 2023/10/15
- Product Type: Mechanical Gaming Keyboard
- Patent No: ZL 2023 3 0310675.6
- Version: 2.1
- Interface: USB+2.4G+Bluetooth (3.0 – 5.0)
- Operating Voltage: USB 5V, 3.7V – 1850mAh battery
- Switch Type: Mechanical switch
- Backlight Color: RGB
- Weight: 634g
- Dimensions: 319.5mm x 112mm x 41.5mm

Product Usage Instructions

Connection:

The keyboard supports multiple connection methods including wired, 2.4G wireless, and Bluetooth 5.0. Connect the keyboard to your computer via USB or utilize the wireless capabilities by switching to the desired mode.

Backlight Customization:

Customize the dynamic multicolor per key backlighting by using the provided software. Adjust the illumination level, speed, and direction of the backlight to suit your preferences.

Key Functionality:

Utilize the multimedia functions by pressing FN key along with F1~F12 keys to access various functions such as calculator, email, web browser, volume control, and media playback.

Driver Software:

Install the GX driver software to customize the keyboard further. This software allows for multi-color backlight design, button function customization, and more.

Durability and Build:

The keyboard features OUTEMU mechanical switches with a lifespan of 50 million clicks. The durable build includes a metal structure, double-sided copper sleeve plug-shaft, ABS structure, and premium electrophoresis iron for longevity.

Adjustability:

Customize the keyboard's angle with three-step adjustment options to find a comfortable typing position. The keyboard also features anti-skid rubber and multiple rubber feet for stability.

Frequently Asked Questions (FAQ):

- Q: Can I use this keyboard with both Windows and macOS systems?

A: Yes, the keyboard is compatible with Windows 7 and above, macOS X 10.5, and Android systems.

- Q: How do I switch between wired and wireless modes?

A: To switch between wired and wireless modes, use the designated switch on the keyboard to select the desired connection method.

SPECIFICATION

Model NO.		GX968WR-RGB		Product Type	Mechanical Gaming keyboard
Date		2023/10/15		Patent No	ZL 2023 3 0310675.6
ID Design 6 Sides Products Picture					
Class	Project	Specifications	Project	Specifications	
Basic Specifications	Keyboard type	Mechanical illuminated keyboard	language version	US/UK/optional	
	Interface Type	USB	Keyboard size	319.5mm*112mm* 41.5mm	
	Connection	USB+2.4G+Bluetooth (3.0 – 5.0)	Net weight	634 g	
	Multimedia	Key combination	Receiver size	18.5*14.5*6.5mm	
	Operating Voltage	USB 5V	Receiver net weight	1.6g	
	Battery	3.7V – 1850mAh	Wire color	As required by order	
	Recharging current	600mA	charging method	Computer USB-5V power supply	
	Switch type	Mechanical switch	Switch	Have	
	Button load	60g±10g	Interface	USB1.1/2.0/3.0	

	Switch Life	50 million times	System compatibility	Win7 and above / MacOS X 10.5/ Android
	Wireless light	Default 2 minutes	Backlight color	RGB
	Sleep mode	Default 30 minutes	Low pressure	About 3.3V
	Switch type	Plug Shaft (Brown/Black /Blue/Red)	low voltage	About 3.0V
	Programmable	Yes "Software"	Anti-Ghosting	Full Anti Ghosting – No Conflict for full keys
	Plug and play	Support	memory	Internal Memory
	Key action recording	Support (driver)	Keycap Layout	Double shot keycap + laser engraving
Electrical parameters	(IC model)	YC3121-SOC	IC manufacturer	Shenzhen Rongyuan Technology Co., Ltd.
	IC package	QFN56	receiver chip	RY6010 package QFN32
	operating current	480mA (full white light)	Wireless current	220mA
	2.4G current	14mA (no light)	Bluetooth 3.0 current	12mA (no light)
	Bluetooth 5.0 current	9mA (no light)	sleep current	≤300uA (Wireless state)
	Operating temperature	0 45°C	storage temperature	-20 +60°C
	Working humidity	20 90%	Storage humidity	≤93% (40°C)

Featured selling points

Features	1	Multi connection methods Wired + Wireless 2.4Ghz + Bluetooth 5.0 + 5.0 + 3.0 V Distance 8-10 meters, strong anti-interference ability – convenient and fast shifting between devices.
	2	Dynamic multicolor per key backlighting , Programable Backlight "Driver Support " Adjust key's illumination level, Speed, Direction, the double-shot injection molded keycaps for crystal clear backlighting.
	3	100% Anti-Ghosting – Full Key Rollover: Ensure your commands and simultaneous keystrokes always register the way you intend.
	4	Full Multimedia function Shortcuts Key: Press FN+ "F1~F12" to control the multi-media function calculator, email, web browser, volume, media etc.

red sell ing poi nts	5	GX driver – Programable Software Supports multi-color backlight design, button function customization, etc.;
	6	Durable build OUTEMU 50 million Plug Shaft MX- Blue Switches: “Optional Red / Brown / Black “ 50 million clicks, this durable Keyboard will play hard for a long time. PCBA Double-sided copper sleeve plug-shaft
	7	ABS Structure + Premium Electrophoresis iron Metal structure and durable frame are designed with unyielding strength to persevere under the most strenuous use.
	8	High Quality Anti-Skid Rubber + 3 ANGLES + 8 PCS RUBBER FEET The three-step adjustment allows you to customize the angle of the keyboard to the position you find comfortable.
	9	Excellent alternative for gamers 60% form factor A 60% Form Factor keyboard is an excellent alternative for gamers – 68 Keycap

Material Specifications

Parts	Color/ Specification	Material	Surface treatment
Upper cover	Black / White	ABS	OEM / Injection finish
Lower cover	Black / White	ABS	OEM / Injection finish
Keycap	Black / White / Red / Gray	ABS / PBT	Double Injection finish
Decorative strip	Transparent	ABS	OEM / Injection finish
Lampshade	Transparent	ABS	OEM / Injection finish
Toggle switches	Black / White	ABS	OEM / Injection finish
Panel	Black / White	ABS	OEM / Injection finish
Tripod	Black / White	ABS	OEM / Injection finish
Foot pads	Black / White	Rubber	OEM / Anti Sliding
Mechanical switches	Plug shaft: Blue/Brown/Black/Red, etc.		OEM / Customer required
PCB	1.2mm	RF-4	Soldering/Non-Soldering Operation
PCBA process			Soldering/Non-Soldering Operation
Wire	Black / White	1.8m φ3.2mm	USB Type C Cable Braided Fiber

Instructions for use

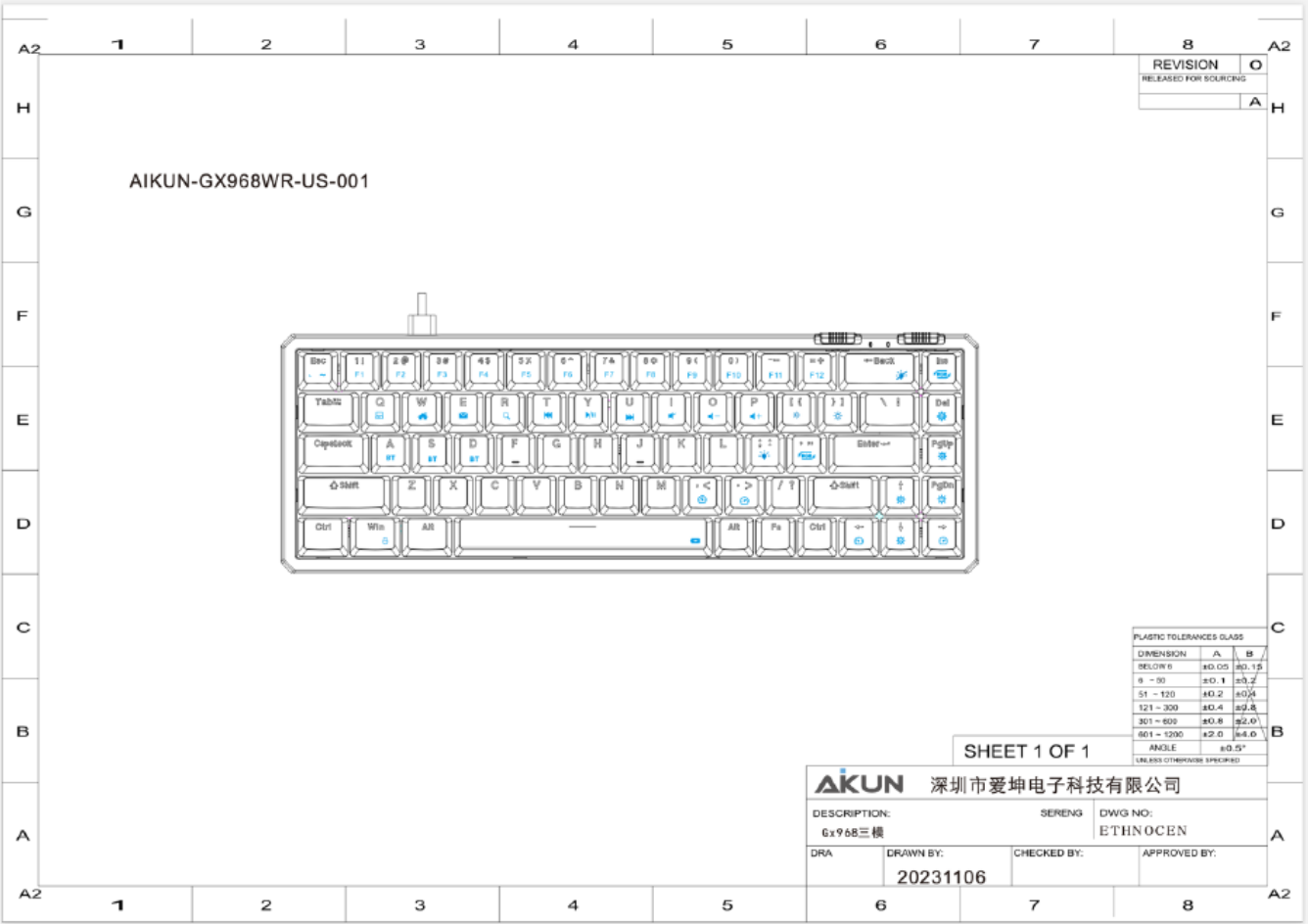
Instructions for use:

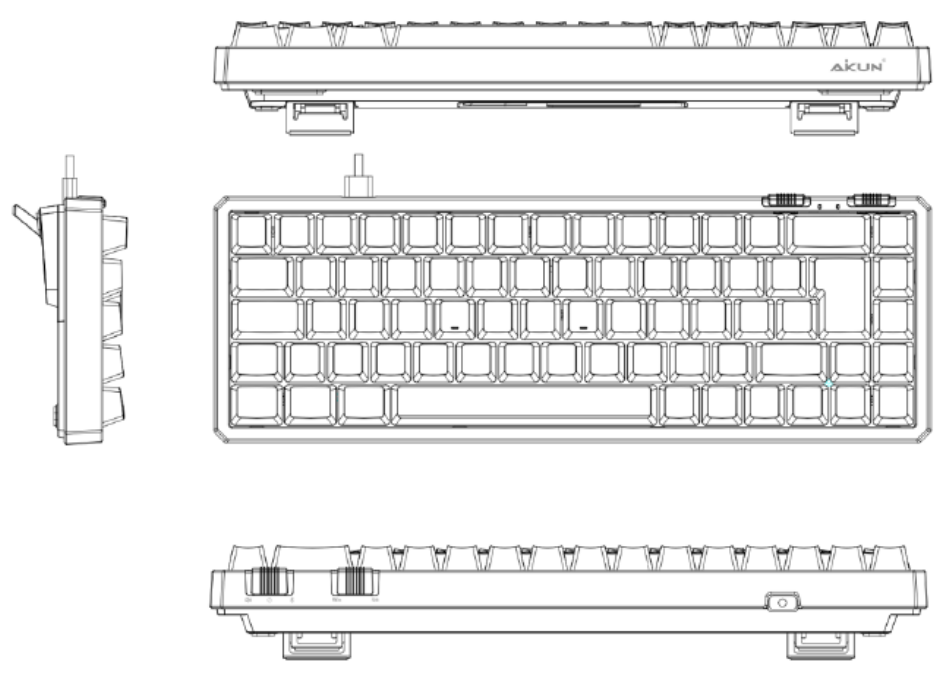
1. Unpack the product, remove the tie of the keyboard cable, and insert the cable into the USB port of the computer.
2. The first time you use this keyboard, the system may need to install the USB driver. At this time, the computer will automatically search for and install the keyboard driver.
3. After the driver installation is completed, the keyboard can work normally.
1. **FN+;** : Switchable lighting modes (18 modes) drift with the flow, rippling blue waves, stars, endless streams, shadows, mountains, sine waves, colorful springs, no trace on the snow, flowers blooming, killing two birds with one stone, twists and turns, colorful vertical and horizontal, snow in the sky, shooting stars, always bright, dynamic breathing, spectrum cycle.
2. **FN+”** : Can switch between Modes Backlight color.
3. **FN+↑ / FN+↓** : Adjustable backlight brightness in 5 levels.
4. **FN+ ← / FN+ →** : Adjustable backlight speed in 5 levels.
5. **FN+WINDOWS Key**: can lock/unlock WINDOWS function (at the same time the key light turns white)
6. **FN+Delete**: can switch the side light mode (6 modes) light wave, horse racing, constant light, breathing, neon, and off.
7. **FN+Home**: adjustable side light color
8. **FN+.>** : Adjustable side light brightness in 5 levels (+)
9. **FN+,<** Adjustable side light speed, adjustable in 5 levels (-)
10. **FN+Pgup** can adjust the side light brightness in 5 levels (+)
11. **FN+Pgdn** adjustable side light brightness adjustable in 5 levels (-)
12. **FN+ Back** can turn off all lights (power saving mode)
13. **Bluetooth pairing**: Turn the switch to Bluetooth mode, press and hold the **FN+ A or S or D key** combination for 3 seconds, the keyboard will enter the pairing state, the blue indicator light will flash quickly, and the indicator light will stay on after connecting. It goes off after 2 seconds. If the device is not connected, the indicator light goes off and the keyboard goes to sleep.
14. **Battery inquiry**: Press the key combination **Fn + space key**, the backlight goes out, and the numeric keys 1 to 0 light up to show the battery percentage. For example: 1 lights up, indicating 10% power, and 2 light up, indicating 20% power. And so on. (Red below 30%, yellow below 50%, green above 50%) **(Battery query is not supported during charging)**
15. **Charging tips**: Charging indicator light_red light is always on, full green light is always on
16. **Low Battery indicator**: charging indicator light flashes red (at the same time, the side lights automatically turn off)

	Windows Key combination	Mac Key combination	Windows/MacKey combination
Fn + Tab	Hold 3 sec to restore factory settings	Hold 3 sec to restore factory settings	
Fn + Esc	`	`	



Shift + Esc	~	~	
Fn + Q	My computer		FN+1=F1
Fn + W	Browser		FN+2=F2
Fn + E	Mail		FN+3=F3
Fn + R	Search	Focused search	FN+4=F4
Fn + T	Previous piece	Previous piece	FN+5=F5
Fn + Y	Pause playback	Pause playback	FN+6=F6
Fn + U	Next track	Next track	FN+7=F7
Fn + I	Mute	Mute	FN+8=F8
Fn + O	Volume-	Volume-	FN+9=F9
Fn + P	Volume +	Volume +	FN+0=F10
Fn + [Turn down screen brightness –	Turn down screen brightness –	FN+_ =F11
Fn +]	Increase screen brightness+	Increase screen brightness+	FN+=+ =F12
Fn + Win	Lock WIN key (WIN key light s up white)		



OVERVIEW







GX968WR

Logo	colour:
	
size: 25x6.2mm	PANTONE Cool Gray 7C

On/Off indication	colour:
	
size: 59x2.1mm	PANTONE Cool Gray 7C


2023.9.16

Documents / Resources



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GX968WR-RGB Wireless Gaming Keyboard, GX968WR-RGB, Wireless Gaming Keyboard, Gaming Keyboard, Keyboard

References

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