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AIKUN GX9100 RGB Backlight Gaming Keyboard User Manual

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AIKUN GX9100 RGB Backlight Gaming Keyboard

PRODUCTS SPECIFICATION

Model NO.	GX9100FM – RGB	TYPE	Mechanical RGB keyboard
MP DATE	2021-11-05	PATENT ID	**ZL 2021 8 0268907.xx**

Products ID

	Item	Spec/Data	Item	Spec/Data
Basic spec	Keyboard type	Wired Mechanical backlight	Layout	US/UK optional
	Interface type	USB A	Size (L*W*H)	435.3 x 124.50 x 34 mm
	Connection	Wired	NW (with cable)	745.50g±10g
	Multimedia Keys	Support (FN+F1~F12 keys)	Cable Spec	Type C USB Braided Fiber 1.8m φ3.2mm + Noise Filter
	Working voltage	UBS 5V	Cable color	Black
	Switch type	GaoTe MX Switch	Interface	USB 2.0 – 1000 report rate
	Key pressure	60g±5g	OS Compatibility	Windows XP and above Android/Apple
	Key lifetime	500,000,000 times	Backlight	16.8 million color settings
	Backlight color	RGB Backlight	Backlight effects	18 cool lighting effects
	Switch type	Blue Switch " Brown/Black	Waterproof	N/A
	Programmable	N/A	Ergonomically	Yes
	Plug and play	Yes	Inner Memory	32K Rom
	Working frequency	48Mhz	Character Print	PBT Double-shot

Elect rical para mete rs	IC	Cortex-M0 32Bit MCU	IC Factory	ARM
	IC package	SMT (LQFP64)	Working Voltage	DC4.5V-5.5V
	Working currents	200mA	Sleep currents	≤100mA
	Working	0″45℃	Storage	-20″+60℃
	Working humidity	20″90%	Storage humidity	≤93% (40℃)

Selli ng p oints	1	Professional Mechanical Gaming Keyboard – **RGB Backlight –** MX Blue Switches, ABS + **Aircraft-Grade Anodized Aluminum Frame** Full Size Electronics PCBA. M.M Function – Type C Connection Plug
	2	**Aircraft-Grade Anodized Aluminum Frame:** Built to withstand a lifetime of gaming. Lightweight and rugged durability, necessary for a keyboard that's going to see a lot of action, "Anti-rust, Anti color change, Anti Water"
	3	**Durable build GaoTe MX- Blue Switches:** With durable buttons rated up to 50 million clicks, this durable Keyboard will play hard for a long time.
	4	**Dynamic multicolor per key backlighting**, Adjust the key's color and illumination level, Speed, and Direction in addition to 18-zones, the double-shot injection molded keycaps for crystal clear backlighting.
	5	**100% Anti-Ghosting With Full Key Rollover:** Ensure your commands and simultaneous keystrokes always register the way you intend.
	6	**Full Multimedia function:** Shortcuts Key: Press FN+ "F1~F12" to control multi-media function calculator, email, web browser, volume, media, etc. **DEDICATED KNOB CONTROL** The GX9100 features dedicated media controls that can be used to adjust your game volume or make it mute with a touch of a button.
	7	**High-Quality USB Cable.** USB Type C Cable With Braided Fiber 1.8m φ4.3mm + Noise Filter
	8	**High-Quality Anti-Skid Rubber** The anti-Skid Rubber base effectively keeps the Keyboard from sliding

Material specification parameter

Components	Color/ Specification	Raw material	Surface Technical
Upper case	Black	Aluminum	Black Aluminum

Bottom case	Black	ABS	Black ABS
Keycaps	Black	ABS	PBT Double-shot
Decoration part	Black	ABS	ABS
Switch	MX Blue Switch Plug s haft	Brand	GaoTe 50 Million MX Switch
PCB	GX9100-FM- V01	Structure	Lead and non-lead process
PCBA	PCB !SMT! DIP! Welding ! test	Type	Double-sided plug-in shaft
Cable	1.8mφ 3.2mm	Type	Black Type C – Braided Fiber

Instructions and Function:

1.   Open the product packaging, take out the keyboard, plug USB C into the Keyboard and USB A into the computer's Port

2.   The first time you use this keyboard, the system may need to install the USB driver, then the computer will automatically search and install the keyboard driver;

3.   After the installation is complete, the keyboard starts working, with running LED lights for all keys.

The keyboard has 18 RGB lights mode by 6 combined keys, FN+INS, FN+HOME, FN+PGUP, FN+DEL, FN+END, and FN+PGDN, each combined key has 3 RGB lights model options
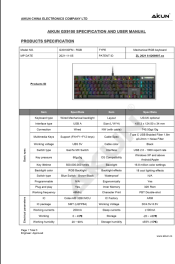
FN Combination Key Function

	Combination	Key function	Description
	F1	My Computer	Open Multimedia player
	F2	Calculator	Open Calculator APP
	F3	Search	The open explorer Search function
	F4	Media	Open Multimedia player
	F5	Play Previous	Previous track
	F6	Play Next	Next track
	F7	Play / Pause	Play / Pause Music or Video
	F8	Stop	Playback stop
	F9	Mute	Mute Any sound, Music or Game
	F10	Volume –	Reducing Voice Level
	F11	Volume +	Increasing Voice Level
	F12	N/A	N/A

	SPACE	Switch Mode	Backlight display different colors Mode	
	INSERT	Light switch, including 3 light effects	Select and shaft between 3 colors and backlight effects	
	DEL	Backlight mode adjustment Loop toggle 9 color loops	Red – orange – yellow – green – blue – ice blue – purple – pink – rainbow.	
	HOME	Light switch, including 3 light effects	Select and shaft between 3 colors and backlight effects	
	END	Light switch, including 3 light effects	Select and after between 3 colors and backlight of	
	PGUP	Light switch, including 3 light effects	ect and shafting between 3 colors and bac light effects	
	PGDN	Light switch, including 3 light effects	Select and shaft between 3 colors and backlight effects	
	PAUSE	Backlighting single mode	Switch mode to single backlight	
FN+	`~	Lighting customization	In other modes, FN + ~, switch the light customization mode. In the custom mode, FN + ~, the definition is turned on, the indicator light flashes, and other keys are triggered to adjust the LED color. Press FN + ~ again to save the definition result and exit the definition state.	
	Arrow keys: up	harness 0%-25%-50%-75%-100%	Increasing Backlight Brightness 4 Levels	
	Arrow keys: down	Br htn s – 0%-25%-50%-75%-100%	Reducing Backlight Brightness 4 Levels	
	Arrow keys: left	Dir ction	Light effect direction adjustment	
	Arrow key: right	Switch color	Switch the backlight color	
	-_	Slow down the light effect	5 speeds are adjustable,	
	=+	Speed up the light effect	5 speeds are adjustable,	

WIN	Windows lock	Lock WIN and APP keys at the same Press FN+WIN and APP to unlock.	
ESC#F1 F3 F5$	Reset function	Restore the default background light mode	

Documents / Resources

AIKUN GX9100 RGB Backlight Gaming Keyboard [pdf] User Manual
GX9100, RGB Backlight Gaming Keyboard, GX9100 RGB Backlight Gaming Keyboard, Backlight Gaming Keyboard, Gaming Keyboard, Keyboard

References

- **Aikun – Electronics**