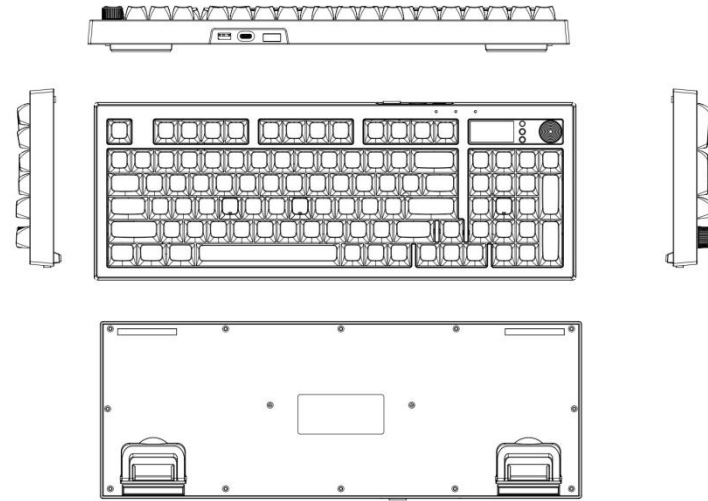


SPECIFICATION AND USER MANUAL

Model Name: **HK230 Gaming Keyboard** Keys:95keys

Product Picture



Category	Details	Standard	Details	Standard
BASE SPECIFICATION	Keyboard Type	Membrane Keyboard	Layout Version	EN /US/UK/ES/TR
	Interface Type	USB Detachable	Size (L * W * H)	450.15 (L) ×144.15 (W) ×35.31 (H) ±1mm
	Connection Mode	Wired/Bluetooth/2.4G	N.W	711g±50g
	BT Channel	Two	Bluetooth Version	5.0&3.0
	Multimedia Function Key	Support	Cable	Type C wired Rechargeable
	Working Voltage	DC 3.7V	Cable Color	Black or White

	Key Material		ABS	Interface Compatibility	USB1.1later port
	Key Resilience		60 ± 10 g	System Compatibility	All Windows operating systems WIN XP, WIN7,WIN8,WIN10 (In Win95, Win98 systems, drivers may be required)
	Key Life		10 million times	Backlight Color	RGB
	Backlight		Support	Backlit Breathing Light	Yes
	Backlight Control Key		Yes	Wave Lighting	No
	Battery Capacity		2000mAh	Return rates	125Hz
	ESD Test		Passed		
	Editable Software		No	Ergonomic	Yes
	Support Plug and Play		Support	Letter Printing	Laser print
	IC core		BYKC-PX794-9520-V1.0	Working Current	< 50 mA
	Working Humidity		10%~90% RH 25°C	Storage Humidity	5%~95% RH 25°C
	Storage Temperature		-20°C~65°C	Working Temperature	5°C~50°C
	Aesthetic Seam Test		Seam between the top cover and bottom cover: 0.2 ± 0.1 mm.		
	Keyboard Noise Test:		Measured at a distance of 420 ± 10 mm, noise level ≤ 90 dB.		
Selling Points	1	No USB driver is required for plug and play			
	2	FN function			
	3	Comfortable & delicate touch feeling			

	4	Not greasy after long Use/Quite typing /Quick response
	5	FN+Pgup Increase Brightness of the LED light FN+PgUP Decrease Brightness of the LED light
	6	Fashionable, designed colors, mysterious color
	7	Abs materials ,not easy to break,super durable
	8	Different layer key cap design,Ergonomic
	9	19 keys Anti-ghosting

Material specification parameter

Spare Part	Color	Material	Surface Treatment
Cover	Lightpink	ABS	-
Bottom	Lightpink	ABS	-
Key caps	Lightpink&blue&red	ABS	-
Aluminum Plate	Silver		
Two-stage Adjustable Feet			
Foot pad		Silicone	

Windows system Multimedia Shortcuts KEY COMBINATION		MAC system Multimedia Shortcuts KEY COMBINATION				
FN+F1	Open the player	FN+F1	decrease Brightness of the LED Light			
FN+F2	Volume-	FN+F2	Increase Brightness of the LED Light			
FN+F3	Volume+	FN+F3	CMD+ALT+ ↑			
FN+F4	Mute	FN+F4	CMD+SPACE			
FN+F5	Stop	FN+F5	Previous song			
FN+F6	Previous song	FN+F6	CMD+SHIFT+4			
FN+F7	Play/Pause	FN+F7	Previous song			
FN+F8	Next song	FN+F8	Play/Pause			
FN+F9	Mail	FN+F9	Next song			
FN+F10	Homepage	FN+F10	Mute			
FN+F11	Lock PC	FN+F11	Volume-			
FN+F12	Calculator	FN+F12	Volume+			
FN+ ↑	Increase brightness (levels: 0% → 25% → 50% → 75% → 100%). When set to maximum brightness, the indicator flashes 3 times.	FN+ ←	Speed reduction (a total of 5 speed adjustable, adjusted to the slowest when indicator flashing 3 times)			
FN+ ↓	Decrease brightness (levels: 100% → 75% → 50% → 25% → 0%). When set to minimum brightness, the indicator flashes 3 times.	FN+ →	Speed increase (a total of 5 speed adjustable,adjusted to the fastest when indicator flashing 3 times)			
FN+1	Bluetooth 1	FN+2	Bluetooth 2			
FN+ /	Switching the color of the light effect (red - green - blue - purple - orange - blue - white - rainbow)	FN+A	Switching Mac systems			
FN+S	Switching Mac systems	FN+Enter	Switching 15 RGB light effects			
FN+ESC	Reset to factory Default(The indicator light will flash 3 times)	FN+Backspace	Turn the lights off/on			
FN + Left Win	Lock or unlock the Left Win key or App key (only in Windows mode)			4		

Remark:

1. FN + 1: For Bluetooth 1. Press and hold FN + 1 for 3 seconds. During broadcasting mode, the Number Lock red light will flash quickly. Once reconnected or connected, the red light will stop.

2. FN + 2: For Bluetooth 2. Press and hold FN + 2 for 3 seconds. During broadcasting mode, the Green Lock light will flash quickly. Once reconnected or connected, the green light will stop.

19 keys Anti-Ghosting

Q、A、Z、W、S、X、E、D、C、B、Space、↑、↓、←、→、Tab、Alt-L、Ctrl_L、Shift_L

No	No.	Name	Brightness	Speed	Description
1	1	Always on	✓		Backlit lighting always on
2	2	Breathing	✓	✓	Breathing light slowly changing from darkness to brightness
3	3	Horse Running	✓	✓	4 different colors lighting run from right to left.
4	4	Rainbow Changing	✓	✓	Red-Orange-Green-Blue-Purple colors keep changing.
5	5	Flash Horse Running	✓	✓	Waving lighting flows
6	6	Starry	✓	✓	Automatic light up and slowly off
7	7	River flowing	✓	✓	Waving lighting, flows from left to right
8	8	Flashy	✓	✓	Flashing and exchanging colors
9	9	Rainbow	✓	✓	Rainbow horse running
10	10	Come and Go	✓	✓	Lightening on from one direction, and full light up then return back
11	11	Single way	✓	✓	4 different lights in single way lightening up and off
12	12	Two ways	✓	✓	Different lights in two ways lightening up and off
13	13	Run to the middle	✓	✓	Two become one horse running lighting effect.
14	14	Opposite way	✓	✓	Spread from middle orse running lighting
15	15	Snowy	✓	✓	Press any keys to light up the lighting.

Instructions:

1. Switch the power to ON mode. If the USB cable is not connected, the charging/pairing indicator will flash slowly. Press and hold FN + 3# key for 3 seconds. The red charging indicator will flash quickly, indicating the keyboard has entered pairing mode. Insert the receiver at this point, and the pairing indicator will stop flashing. This confirms a successful 2.4G connection.

*Note: When connecting in 2.4G mode, ensure the keyboard starts searching before inserting the receiver. The keyboard is pre-paired at the factory by default.

2. Switch the power to ON mode. If the USB cable is not connected, the keyboard will automatically broadcast according to the Bluetooth version of the device. The keyboard can connect to up to two Bluetooth devices. After a successful connection, it will display BT5.0 KB:

3. After turning on the keyboard, connecting the USB cable will switch the keyboard to wired mode and start charging the lithium battery.

4. In Bluetooth/2.4G mode, the keyboard automatically enters power-saving mode after 6 minutes of inactivity (light sleep after 6 minutes, deep sleep after 30 minutes). Press any key to wake up the keyboard. Battery level can be checked on the computer when connected via Bluetooth.

5. The Type-C connection ensures more reliable connectivity, better stability, and faster charging.

7. Bluetooth Mode (Device Name: "BT3.0 KB"): Compatible with Windows 7 and earlier systems. Bluetooth Mode (Device Name: "BT5.0 KB"): Compatible with Windows 8, Windows 10, and later systems.

8. Bluetooth Mode: Compatible with MAC computers, Android phones or tablets, and IOS phones or tablets equipped with Bluetooth BLE 4.0, BLE 5.0, or higher hardware

Working Environment:

1. Rated Voltage: DC 3.7V (When the battery voltage drops below 3.3V, the indicator light will flash as a warning. During charging, the charging indicator will remain steadily lit. The device will automatically shut down when the battery voltage drops below 3.0V. After shutdown, buttons will be unresponsive, and the low battery indicator will light up to prompt charging).

2. Charging Voltage/Current: DC 5V / $\leq 200\text{mA}$, with a charging time of approximately 7–8 hours (fast charging is not supported).