FEKER

IK75 RGB
three-mode gaming keyboard

QUICK START

FN combination keys:

FN Combination Key	Win\Mac Function
FN+ESC	Restore factory settings
FN+F1	My computer \ screen brightness-
FN+F2	Home \ screen brightness+
FN+F3	Calculator \ task control
FN+F4	Multi-Media\F4
FN+F5	Last song\F5
FN+F6	Next song\F6
FN+F7	Pause / play \ previous
FN+F8	Stop \ pause or play
FN+F9	Mute \ next
FN+F10	Volume - \ mute
FN+F11	Volume + \-
FN+F12	Mail \ volume+
FN+A	Switch to win system mode
FN+S	Switch to MAC system mode
FN+I	PrtSc
FN+O	Scroll
FN+P	Pause
FN+空格	Turn backlight off / on
FN+Delete	Switch backlight mode
FN+~	Switch backlight color
FN+↑	Backlight brightness+
FN+↓	Backlight brightness-
FN+←	Backlight speed-
FN+→	Backlight speed+
FN+CTRL_R	Switch decorative light mode
FN+ALT_R	Switch decorative light color

FN Combination Key	Win\Mac Function
FN+1	Bluetooth NO.1 , short press to switch, long press 3S to enter pairing
FN+2	Bluetooth NO.2 , short press to switch, long press 3S to enter pairing
FN+3	Bluetooth NO.3 , short press to switch, long press 3S to enter pairing
FN+4	2.4G mode,long press 3S to enter pairing
FN+Backspace	Inquiry of electric quantity
FN+Win	Lock windows key (only valid under win system)

Operating instructions：

1. Indicator light：
The states represented by the four independent indicators from top to bottom are: a indicator: caps lock, B indicator: win lock, C indicator: 2.4G mode, and D indicator: Bluetooth mode

2. Knob function：
Counterclockwise rotation function: volume reduction; Press the middle key to pause / play; Clockwise rotation function: volume plus

3. Inquiry of electric quantity
Long press the FN + backspace combination key, 1 ~ 0 10 keys are always on, and other keys are not on; When the power is lower than 30%, the 1 ~ 3 keys are always on in red; When the power is lower than 50%, the 1 ~ 5 keys are always on in yellow; When the power is greater than 50%, the green light of 1 ~ 0 keys is always on.
Release the combination key to restore the current light effect, and the power can be queried only when the battery is powered separately

4. Power indicator：
Lithium battery (3.7V): the battery voltage is lower than 3.3V keyboard Ctrl_ L key indicator light, red indicator light flash indicates that the current state is low power. When charging, Ctrl_ L key indicator light green indicator light is always on, indicating charging, Ctrl when full_ The L key indicator light returns to normal, and the backlight changes with the light effect. The keyboard will automatically shut down when it is lower than 3.1V. After the automatic shutdown, the key is invalid, and the low-power indicator light is on, indicating that charging is required at this time

5. 2.4G pairing:
After turning the switch to the right to turn on the keyboard, press the FN + 4 combination key for 3S to enter the pairing mode, insert the receiver, the white indicator flashes, and exit the code matching after successful pairing. The mode light is always on for 2S. After 30s when the pairing device is not found, the exit code matching mode light goes out and the keyboard enters sleep.

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6. Bluetooth pairing：
Toggle the switch to the middle position. After the keyboard is turned on, first press the FN + 1 / 2 / 3 combination key to select the corresponding Bluetooth channel, and then long press the FN + 1 / 2 / 3 combination key for 3S to enter the pairing mode. After entering the pairing mode, the keyboard enters the code matching state, the white indicator flashes quickly, and the device indicator is always on for 2S. If the matching device cannot be found for 120s, exit the code matching mode, the light goes out, and the keyboard enters sleep.

7. Loopback indication：
After the keyboard is turned on or awakened from sleep, only the current device is connected back; If the connection fails, you will go to sleep. After pressing the key to wake up, you will continue to connect.

The white indicator light flashes slowly in the process of 4G back connection, and the indicator light is always on for 2S after connection. Pressing the key during the back connection can prolong the back connection time. Within 10s from releasing the key, the back connection fails, the indicator light goes out, and the keyboard enters sleep. If the pairing is successful, it enters the code matching mode again. After the code matching fails, the keyboard enters sleep, but the last code matching success data will be retained; After standing for 2 minutes, the keyboard will automatically turn off the backlight and enter the power-saving mode. After entering the power-saving mode, the keyboard will enter the deep sleep mode after standing for 28 minutes.

The white indicator light flashes slowly during Bluetooth back connection, and the indicator light is always on for 2S after connection. Pressing the key during back connection can prolong the back connection time. Within 10s from releasing the key, the back connection fails, the indicator light goes out, and the keyboard enters sleep. If the pairing is successful, it enters the pairing mode again. After the pairing fails, the keyboard enters sleep, but the last pairing success data will be retained; After standing for 2 minutes, the backlight will automatically turn off and enter the power-saving mode. After entering the power-saving mode, the keyboard will enter the deep sleep mode for 28 minutes. When in the power-saving mode, press the key to wake up the keyboard, and the key will react immediately. After entering the deep sleep mode, press the key for the first time only as a wake-up keyboard.

8. Backlight Mode：
FN+ Delete Switch the backlight mode
There are 22 kinds of backlight mode
The constant light mode cannot adjust the backlight speed; Neon mode cannot adjust the backlight color; Music rhythm 1, music rhythm 2 and light shadow mode should be connected with the driver for use, and can not be manually switched out without the driver; In addition to the special functions of the previous backlight colors, all backlight functions are based on this standard: the backlight brightness has five levels, and the default maximum brightness; The backlight speed has five steps in total, and the first step speed is the default; The color switching order is: colorful, red, orange, yellow, green, green, blue, purple and white.

FN+ CTRL_R The order of switching the effect of bottom decorative lights is: light wave (default), neon, horse running, breathing, always on and off; The lighting speed and brightness of all bottom decorative lamps cannot be adjusted; Neon mode cannot switch the light color; The color order is: colorful, red, orange, yellow, green, green, blue, purple and white.

9. Dual system：
Restore the default settings in the current system mode, only restore the backlight and key functions, and the system will not be affected; FN + a key combination to switch to Windows system mode; FN + s switches to MAC system mode; The difference between windows system mode and MAC system mode is that in MAC system mode, the win key on the left is option key, the ALT key is CMD key, and the ALT key on the right is CMD key; When you press F1 to F12 directly in Windows mode, the key value of F1-F12 will be sent directly. When you press F1 to F12 directly in MAC mode, the multimedia function will be sent directly in Apple computer. If the keyboard uses Windows computer device in MAC mode, the multimedia function will still be sent directly; There is no difference in other functions. Please check the above table for function details

10. Equipment name:
Wired mode: Gaming keyboard
2.4G mode: 2.4G Wireless Device
BT3.0 mode: FEKER IK75 3.0
BT5.0 mode: FEKER IK75

11. Using distance: ＞10m 360° （Straight line unobstructed）

12. Bluetooth connection back time: less than or equal to 5S

13. Compatibility：
Bluetooth: compatible with all Bluetooth dongle on the market. The laptop has a built-in Bluetooth module. Bluetooth 5.0 needs to support win8 or above systems, tablets and mobile phones

2.4G: compatible with Windows 2000 or above and Mac operating system according to USB standard protocol

14. electrical specifications (for reference only)

Charging current	539-541mA
Wired normally on mode current	149.2-155.3mA
2.4G normally on mode current	229mA
2.4G sleep current	0.05/0.22mA
Bluetooth 3.0 normally on mode current	255mA
Bluetooth 3.0 sleep current	0.04/0.21mA
Bluetooth 5.0 normally on mode current	230-231mA
Bluetooth 5.0 sleep current	0.04/0.21mA
Turn off backlight current	12mA

15. Multi key non punch:
all modes and devices support full key non punch
Working voltage： 3.7V

16. Connection: wired；2.4G；Bluetooth 3.0；Bluetooth 5.0

17. RF rate:
When the keyboard works, the RF power is - 30dBm;
When the receiver works, the RF power is - 30dBm.

18. Operating frequency point: 2402/2446/2479

19. System requirements
Interface: USB
Operating system: Compatible with Windows 2000 or above and Mac operating system, ble supports win8 or above

FCC Warning Statement

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

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.

The device has been evaluated to meet general RF exposure requirement.