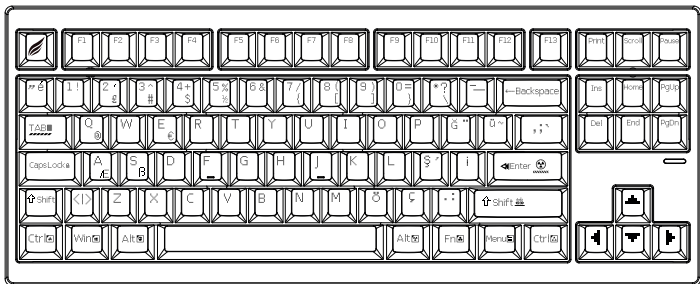


HK420





FN Combination Function

Windows System Combination Features

FN+ESC=Short press to restore factory settings
 FN+WIN=Lock/Unlock (WIN key white indicator lights up)
 FN+E/R/T=Bluetooth pairing and three-device switching
 FN+Q=2.4G pairing
 FN+INS=Light effect mode switching (supports 15 light effects)
 FN+DEL=Light effect color switching (supports specific modes)
 FN+PGUP=Toggle dynamic orientation (supported in select modes)
 FN+SCR=Backlight on/off
 FN+Up Arrow=Increase brightness
 FN+Down Arrow=Decrease brightness
 FN+Right Arrow=Increase speed
 FN+Left Arrow=Decrease speed
 FN+F1=Decrease screen brightness
 FN+F2=Increase screen brightness
 FN+F3=Active window
 FN+F4=Show Desktop
 FN+F5=Email
 FN+F6=URL
 FN+F7=Previous Track
 FN+F8=Play/Pause
 FN+F9=Next Track
 FN+F10=Mute
 FN+F11=Volume Down
 FN+F12=Volume Up

Mac System Combination Features

FN+SCR=Backlight on/off
 FN+Up arrow=Brightness up
 FN+Down arrow=Brightness down
 FN+Right arrow=Speed up
 FN+Left arrow=Speed down
 FN+F1=Screen brightness down
 FN+F2=Screen brightness up
 FN+F3=Ctrl+Up Arrow
 FN+F4=Activate Siri
 FN+F7=Previous Track
 FN+F8=Play/Pause
 FN+F9=Next Track
 FN+F10=Mute
 FN+F11=Volume Down
 FN+F12=Volume Up
 F13=Supports macOS
 FN+ESC=Restore factory settings
 FN+WIN=Win key lock not supported
 FN+E/R/T=Bluetooth pairing and three-device switching
 FN+Q=2.4G pairing
 FN+INS=Lighting mode switching (supports 15 lighting effects)
 FN+DEL=Lighting color switching (supports select modes)
 FN+PGUP=Dynamic orientation switch (supported in select modes)

Specification

Switch Type: Phantom Switch

Operational Lifespan: 50 million cycles

Actuation Force: 42±8g

End Force: 52±8g

Pre-travel: 2.0±0.4mm

Total Travel: 3.6±0.4mm

Type-C Cable: 1.50m±1% shielded with ferrite ring

Key Count: 88 keys with full N-key rollover

Keyboard Type: High-profile stepped keycaps

Size: 361x145x41mm

Weight: 810±10G

Life: 50,000,000 times

Quantity: 88 keys

USB Wired Mode

Operating Voltage: DC5V±5%

Operating Current: 300mA

Wired Mode Switching: Set the three-position switch to the OFF position to complete the switch.

Note: The factory default mode is wired.

Bluetooth/2.4GHz Mode

Operating Voltage: DC 3.7V ±5%

Operating Current:

Lithium Battery Capacity: 4000mAh, 14.8Wh

Wireless Mode Usage Time

White light continuously illuminated: approximately 12 hours of continuous operation, approximately 24 hours of intermittent operation

Default lighting: approximately 24 hours of continuous operation, approximately 48 hours of intermittent operation

Lights off: approximately 260 hours of continuous operation, approximately 520 hours of intermittent operation

The above data is based on engineering test mode and may vary slightly depending on actual usage conditions.

Wireless Mode Switching

Set the three-position switch to the G position; the Q key's green indicator light will flash slowly, indicating successful switching to 2.4G mode.

Set the three-position switch to the B position; the E/R/T keys' blue indicator lights will flash slowly, indicating successful switching to Bluetooth mode.

2.4 GHz pairing

FN+Q

Press and hold: When the green light flashes rapidly while the Q button is pressed, pair the device. Then insert the receiver. Upon successful pairing, the indicator light will turn off and revert to the current lighting mode.

Bluetooth pairing

FN+E/R/T

Long press: Press and hold the E/R/T key whilst the blue light flashes rapidly to enter pairing mode. Search for Bluetooth devices (HK420 BT3.0/5.0). Upon successful pairing, the indicator blue light will extinguish and revert to the current lighting effect. If pairing fails within 2 minutes, the keyboard will automatically power down and enter sleep mode. Press any key to wake it and re-initiate pairing.

Short press: Switch to Bluetooth E/R/T device, or disconnect from Bluetooth E/R/T device

Note: When the E/R/T indicators exhibit prolonged slow flashing, press and hold FN + E/R/T to initiate pairing.

If the device displays successful Bluetooth pairing but remains inoperable, delete the (HK420 BT3.0/5.0) Bluetooth device name from your device's Bluetooth list and re-pair.

Switching between Windows and Mac systems (Windows system is factory default)

Factory default Windows system. Corresponding multimedia keys are only compatible with Windows/Android systems.

Press and hold FN + Right Ctrl for 5 seconds. The white light under the Right Ctrl key will illuminate, indicating multimedia keys are now compatible with Mac/iOS systems.

Press and hold FN + Right Ctrl for another 5 seconds. The white light under the Right Ctrl key will turn off, restoring the default Windows system.

Wireless Sleep

After connecting to a device via Bluetooth/2.4G, the backlight will automatically turn off and enter sleep mode if no operation is performed for 3 minutes.

Press any key to wake up the device.

Low Battery Indicator

When the indicator flashes red, it indicates low battery power. Recharging is required to ensure normal keyboard operation.

(Actual performance may vary slightly based on usage conditions.)

Check battery level

Hold down FN + right Alt. If 1-10 display green, the battery is fully charged.

If 1-3 display red, charging is required to ensure normal keyboard operation.

(Actual results may vary slightly based on usage conditions.)

Adapter User Guide

When playing competitive games, players must insert the 2.4G receiver into the dedicated signal adapter, then connect it to the computer's USB port via a data cable. Position the mouse within 10 cm of the adapter for operation to avoid latency.