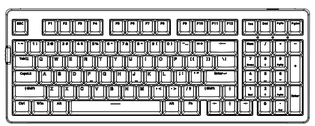
ZORNHER

MECHANICAL KEYBOARD

WIRED CONNECTION, BLUETOOTH CONNECTION, 2G CONNECTION

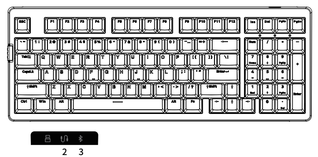


USER'S MANUAL

MODEL: ZH980

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.

1、 Switch indication:



1. Wireless 2.4G usage mode 2, wired/charging usage mode 3, Bluetooth usage mode

① Press the CAPS LK key to activate the capitalization function, and the CAPS LOCK indicator light will turn white

② Press the NUM key, the number key will turn on, and the NUM LOCK indicator light will turn white

③ FN+WIN, WIN lock/unlock, WIN lock button lights up white

④ FN+\ | key: 17 types of light effects to switch between

⑤ FN+delete button: switch between light colors, red, orange, yellow, green, cyan, blue, purple, and white

2、 Switch description:

Three speed mode selection switch, 2.4G wireless (up), wired (middle), Bluetooth (down)

3、 Indicator light description:

Bluetooth 1/2/3: red/green/blue, wired: none, 2.4G: white

4、 Keyboard charging instructions:

1: Wired mode is the charging mode, which can be directly plugged into the computer host to charge

2: Do not use fast charging or plug in direct charging!!! It can burn out the keyboard, causing malfunctions or inability to store battery.

5、 Power indicator:

1: When there is no power, the FN button light flashes slowly in red,

2: When using the keyboard in stable wireless mode (charging without inserting a USB cable), press the Fn+Enter key combinationBacklight off, number keys 1 to 0 light up to display battery percentage:For example: 1! On, indicating 10% battery life, 1! When 2 @ is on, it indicates a 20% battery level. and so on. (Below 30% red, below 50% yellow, above 50% green)

3: When using the keyboard in wired mode, press the combination key Fn+ spacebar, spacebarDisplaying red indicates charging, while displaying green indicates full charge.

6、 2.4G mode description:

Turn the left switch of the keyboard to the 2.4G wireless position above, plug in the receiver, and the computer will recognize it before use. Factory defaultPair the receiver with the keyboard. If forced pairing is required, long press FN+R for three seconds to enter pairing mode on the keyboard,The indicator light in the upper right corner of the keyboard displays a white flash. When the receiver is plugged in, the flash waiting time is 30 seconds. Status after connectionThe indicator light is constantly on with white light. If the device is not connected, the indicator light will turn off and the keyboard will enter sleep mode.

7、 Bluetooth mode description:

Turn the switch on the left side of the keyboard to the bottom and press any combination of FN+Q/E/3 keys for 3 seconds. The keyboard will enter the pairing state Long press the FN+Q keys for 3 seconds, the indicator light in the upper right corner of the keyboard will flash red and display ZH980-1. Pair it with it
Long press and hold the FN+W keys for 3 seconds, the indicator light in the upper right corner of the keyboard will flash blue and display ZH980-2. Pair it with it
Long press and hold the FN+E keys for 3 seconds, the indicator light in the upper right corner of the keyboard will turn green and flash rapidly, displaying ZH980-2. Simply pair it with it
After connecting the code, the device indicator light remains on. If the device is not connected, the indicator light will turn off and the keyboard will enter sleep mode.

8、 Wired mode description:

Turn the switch to the middle position, insert the USB cable to connect to the computer, and you can use the computer.

9、 Backlight mode:

1: FN+\ | key: 17 lighting modes: Ripple, Peak Turning, Spectrum, Breath, Constant Brightness, Single Illumination, Ripple, Runaway from Dust, Starry Spots, Hundred Flowers Bloom, Rolling, Dapeng Spreading its Wings, Endless Flow, Strolling in the Rain, Scanning, Unity, Speed and Passion.

2: All lighting modes have five levels of brightness, with the default being the third level. The speed is set to 5th gear, with the default being 3rd gear.

3: FN+delete button, switch backlight colors, order: rainbow, red, orange, yellow, green, cyan, blue, purple, white.

10、 Multi system switching instructions:

1: WIN system: FN+A, MAC system: FN+S, at this time WIN and ALT functions are swapped.

2: For the shortcut key functions of Windows and Mac systems, please refer to the table on the next page for details.

11、 Driver download:

The PC version of the computer supports driver software, wired mode, and 2.4G receiver connection to enable custom button functions, RGB light effect custom ization, button macro recording, music rhythm, and multi language layout.

12、 Sleep mechanism and Bluetooth name description:

1. Power saving sleep mode: After 5 minutes of no key operation on the keyboard the backlight will turn off. Press any key to wake up the keyboard backlight and reconnect to Bluetooth;
2. Deep sleep: After 30 minutes of no key operation on the keyboard, it will enter deep standby mode with Bluetooth disconnected and in sleep mode. Press any key to wake up the keyboard backlight and reconnect to Bluetooth;
3. After Bluetooth name connection, it displays: Device 1: ZH980-1 Device 2: ZH980-2 Device 3: ZH980-3

13、 Keyboard size specifications:

Length: 380mm
Width: 140mm
Height: 30mm

14、 Battery specifications: (for reference only)

USB standard input voltage	5V±0.25V
Overvoltage protection (disconnect input voltage)	5.6V~30V
Lithium battery charging current	800mA
Default backlight current	260mA
Maximum current when backlight is constantly on	400mA
Turn off backlight current	30mA
Sleep current	＜1mA

15、 Using distance:

≤10 meters of 360 ° open space.

16、 Compatibility:

1: Bluetooth: Compatible with Bluetooth devices on the market, tablets, phones, and laptops with built-in Bluetooth modules, BT3.0~BT5.0.

2: 2.4G: According to the USB standard protocol, compatible with Windows 2000 and above and MAC systems.

17、 Key combination function:

Windows key combination		Mac key combination	
FN+ESC (3s)	Restore factory settings	FN+ESC (3s)	Restore factory settings
FN+【	Keyboard lights on/off	FN+【	Keyboard lights on/off
FN+】	Dynamic light direction switching	FN+】	Dynamic light direction switching
FN+\	Multiple light effects cycle switching	FN+\	Multiple light effects cycle switching
FN+delete key	Switch backlight color	FN+delete key	Switch backlight color
Fn+Direction wise	Main backlight brightness+	Fn+Direction wise	Main backlight brightness+
Under Fn+direction	Main backlight brightness-	Under Fn+direction	Main backlight brightness-
Fn+direction left	Main backlight speed-	Fn+direction left	Main backlight speed-

Fn+direction to the right	Main backlight speed+	Fn+direction to the right	Main backlight speed+
FN+INS	PRTSC	FN+INS	PRTSC
FN+DEL	PAUSE	FN+DEL	PAUSE
FN+PAGEUP	HOME	FN+PAGEUP	HOME
FN+PAGEDN	END	FN+PAGEDN	END
Fn+direction to the right	Lock the WIN key, press unl ock again, and the WIN key will turn on a white light after locking	Fn+direction to the right	not have
FN+A	Enter WIN system	FN+S	Enter the MAC system and exchange the WIN and ALT keys
FN+1	Player	F1	Screen brightness-
FN+2	Volume-	F2	Screen brightness+
FN+3	Volume+	F3	mission control
FN+4	mute	F4	console
FN+F5	cease	F5	Not Applicable
FN+F6	Previous song	F6	Not Applicable
FN+F7	play/pause	F7	Previous song
FN+F8	Next song	F8	play/pause
FN+F9	mail	F9	Next song
FN+F10	homepage	F10	mute
FN+F11	computer	F11	Volume-
FN+F12	search for	F12	Volume+

尺寸：105x143mm　　材质：100g书写纸

FCC Caution

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.

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

Note: 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.