YUNZII

X98
Transparent Wireless Mechanical Keyboard

FEEL FREE TO CONTACT OUR YUNZII TEAM IF YOU HAVE ANY QUESTIONS!

Specification:

Model: X98

Type: Transparent Tri-Mode QMK/VIA Mechanical Keyboard

Battery: 8000mAh

Layout: 96% Layout, 96-Key+Knob

Structure: Gasket Mounted

Backlight: South-facing RGB

Size of Product: 390.52*141.71*44.81mm/15.37*5.58*1.76inch

Weight of Product: 1270g/2.8lb

Customization: QMK&VIA

Connection: Bluetooth5.3&Wired Type-C&2.4G

Keycaps: 3D Printed Characters, PC CSA Profile Keycaps

System: Windows/Mac/Linux/Android/iOS

Hot Swappable: Full-key hot swappable, supports 3-pin or 5-pin

mechanical keyboard switches.

Switch, Indicator, Knob Instruction:

### ⏻ Switch
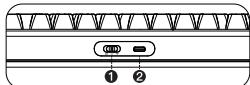
❶ Tri-Mode Switch Bluetooth/Wired/2.4G ❸ 2.4G Dongle Slot
❷ Type-C Port ❹ Metal Badge
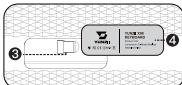
Indicator
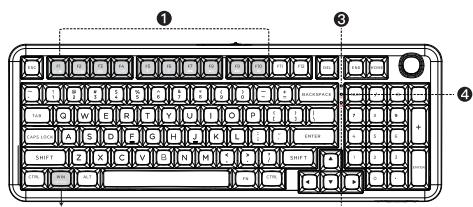
❶ Battery Level ❹ Caps Lock
❷ Lock Win ❺ Charging/Low Power
❸ Num Lock

◎ Multi-Function Knob

Short Press
Mute/Unmute Device

Volume ↓

Volume ↑

Default Multimedia Mode:
Short press to mute/unmute the device. Rotate clockwise to increase volume, and rotate counterclockwise to decrease volume.

Lighting Effects:
Short press FN+Knob to change the knob lighting effects.
Note: QMK/VIA can customize the functional knob.
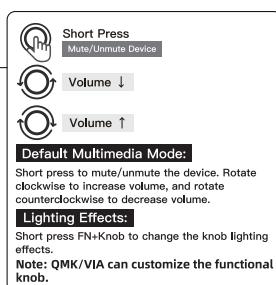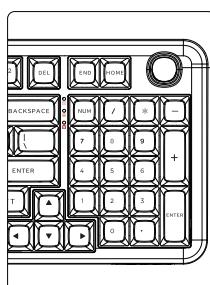
❋ Bluetooth Connection: FN+1/2/3
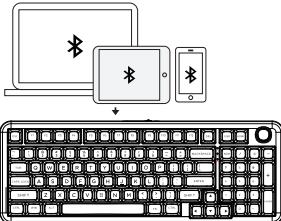
1. Switch the mode button to the BT position, and the keyboard enters Bluetooth Mode.
2. Short press FN+1/2/3 to choose a Bluetooth channel, the 1/2/3 key will flash Blue slowly.
3. Long press FN+1/2/3 to the Bluetooth pairing mode, and the 1/2/3 key will fast flash Blue.
4. Select the YUNZII X98 BT1/BT2/BT3 to connect it, and the 1/2/3 key will stay on blue, and then restore to the normal backlight, the connection is successful.

Note: If pairing fails, the 1/2/3 key will flash slowly, please reconnect it. If there is no operation after switching the channels for 30 seconds, the 1/2/3 key and backlight will light off; If there is no operation after entering the pairing mode for 60 seconds, the 1/2/3 key and backlight will light off, please awaken the keyboard first if you need to reconnect it.

⊚ 2.4G Connection: FN+4
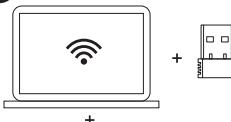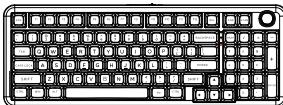
1. Switch the mode button to the 2.4G position, and the keyboard enters 2.4G Wireless Mode.
2. Long press FN+4 to the 2.4G wireless pairing mode, and the 4-key will fast flash cyan.
3. Plug the 2.4G dongle into an empty USB port in your computer, and the 4-key will stay on cyan, and then restore to the normal backlight, the connection is successful.

Note: If pairing fails, the 4- key will flash slowly, please reconnect it. If there is no operation after switching the channels for 30 seconds, the 4-key and backlight will light off; If there is no operation after entering the pairing mode for 60 seconds, the 4-key and backlight will light off, please awaken the keyboard first if you need to reconnect it.

▭ Wired Type-C Connection:

Computer
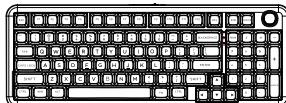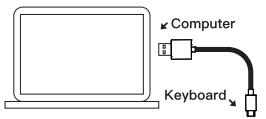
Keyboard

1. Switch the mode button to the Wired position, and the keyboard enters Wired Type-C Mode.
2. Plug the cable that comes with the package to connect your device.
3. The backlight light up, the 5-key stay on white and restore to the normal backlight, the connection is successful.

Note: If pairing fails, please try a new cable/port/device to check where the problem is.

Shortcuts:

■ FN+BACKSPACE=Backlight ON/OFF
■ FN+\=Change Backlight Effect
■ FN+ENTER=Change Backlight Color
■ FN+TAB=White Light ON/OFF
■ FN+↑=Brightness ↑
■ FN+↓=Brightness ↓
■ FN+→=Blinking Speed ↑
■ FN+←=Blinking Speed ↓
■ FN+Knob=Change Knob Lighting
■ FN+A=Windows
■ FN+S=macOS

■ FN+1=BT1
■ FN+2=BT2
■ FN+3=BT3
■ FN+4=2.4G
■ FN+DEL=INS
■ FN+END=PRTSC
■ FN+HOME=SCRLK
■ FN+",<"=PgUp
■ FN+".>"=PgDn
■ FN+WIN=Lock Win
■ FN+R–CTRL=Check Battery Level
■ FN+ESC=Reset

FN Shortcuts:

| Windows | FN+A |

Reset Keyboard: Long press FN+ESC
The backlight will flash pink 3 times and restore to the normal lighting mode to indicate resetting is successful.

FN+F1= Screen Brightness ↓	FN+F2= Screen Brightness ↑	FN+F3=Choose a window or desktop (WIN+TAB)
FN+F4= Computer	FN+F5= Email	FN+F6= Homepage
FN+F7= Previous Track	FN+F8= Play/Pause	FN+F9= Next Track
FN+F10= Mute	FN+F11= Volume ↓	FN+F12= Volume ↑

| macOS | FN+S |

Reset Keyboard: Long press FN+ESC
The backlight will flash pink 3 times and restore to the normal lighting mode to indicate resetting is successful.

F1= Screen Brightness ↓	F2= Screen Brightness ↑	F3= Mission Control
F4= Search	F5= No Function	F6= No Function
F7= Previous Track	F8= Play/Pause	F9= Next Track
F10= Mute	F11= Volume ↓	F12= Volume ↑

Battery:

| Low Power Mode&Charging |

When the battery is lower than 10%, the charging/low battery indicator will flash slowly; When plugging the cable to charge it, the charging/low battery indicator will stay on; When the keyboard is fully charged, the charging/low battery indicator will go out.

Note: The charging time of the keyboard will vary slightly depending on the power difference during charging.

| Battery Query |

When the keyboard is in 2.4G/Bluetooth mode, press the **Fn+Right-CTRL** to check the battery level, the backlight will turn off, and the numbers F1 to F10 will light up to show the power ratio, when released, the keyboard restores to its previous backlight mode.

| Power Saving Mode |

When connected wirelessly (Bluetooth/2.4G), if there is no operation within 5 minutes, the keyboard enters sleep mode, the light will turn off and the keyboard in the connected state. When the keys are awakened, characters are output at the same time. After 30 minutes of no operation, the keyboard enters deep sleep mode, the keyboard will disconnect and the keyboard will awaken by pressing a key. The keyboard automatically reconnects after waking up. After connecting, the characters' output is normal.

How to customize your X98 keyboard?

1. Connect your keyboard to your computer in wired mode, and download the .json file from the YUNZII official website.
2. Open the VIA Website: **https://usevia.app/**, and click "Authorize device" to pair the keyboard.
3. Click "SETTINGS" to turn on the "Show Design Tab".
4. Open the DESIGN page on the VIA website, and upload the .json file that you downloaded from the YUNZII official website.
5. After the connection is complete, you can customize your keyboard now.

ATTENTION:

1. The X98 Transparent Mechanical Keyboard is Tri–Mode Bluetooth 5.3&Wired Type–C&2.4G Wireless connection, the keyboard accessories are in the accessory box, and the 2.4G dongle is in the keyboard backside slot, under the metal badge.

2. The X98 keyboard supports 3 channels for Bluetooth connection and Bluetooth 5.3 standard communication.

3. The X98 is a QMK/VIA keyboard, customers can download the corresponding file from YUNZII official website, and then customize the keyboard through the VIA website: **https://usevia.app/**

4. When the keyboard is connected to the device, but cannot be recognized or connected by the device, please check if the connection steps/mode switch correctly, or try a new cable/USB port/new device to check where the problem is.

5. When the keyboard backlight dims or the product is used abnormally (some delays when typing or repeating characters), please press **FN+Right-CTRL** to check the battery level in wireless mode, or check if the pin of the switch is bent or the socket was broken. If it indicates the battery is low, please charge the keyboard; If it's a pin problem, please try a new switch, if it's a socket problem, please contact our YUNZII after–sale team.

6. When the WIN–Key is used abnormally, please check if the WIN–Key lights up in white, if so, please press FN+WIN to unlock the WIN–Key; If it is not solved, please check if the operating system has been changed to the macOS (the WIN and ALT function are exchanged), if so, please press FN+A to switch the system to the Windows.

7. YUNZII X98 is designed with a built–in 8000mAh lithium battery, for the safety of the users, the product can only be used indoors at room temperature, please do not use it at high temperatures or near fire sources.

8. If the product is damaged beyond repair, please don't disassemble it or throw it into a fire. It should be sent to a professional scrap station or special recycling box for disposal to avoid accidental risks.

9. If you have any questions about the product or use, please contact the YUNZII after–sales team, we will get back to you in 48 hours!

Content List:

1. X98 Keyboard*1
2. USB Cable for TYPE–C*1
3. Switch and Keycap Puller*1
4. Function Card&Manual*1
5. 2.4G Dongle*1
6. Dust Cover*1
7. Extra Keycaps and Switches

FCC WARNING

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.