

尺寸: 105x148.5mm 材质: 超感米100g 折页方式: 骑马钉

ProtoArc

EN

K310 Pro

Mechanical Keyboard

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*Closed During Holidays

UK
support-uk@protoarc.com

M/N: K310 Pro
M/N: MS009

English

User Manual

Packing List

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Type-C Charging Cable* 1

Product Features

Power Switch

Type-C Charging Port

Multifunction Button

2.4G Indicator

BT1 Indicator

BT2 Indicator

Charging / Low Battery Indicator

Charging: Red Light

Fully Charged: Green Light

Low Battery: Red Light Flashing

Backlight Instructions

The default color of the monochrome white light is the wave mode.

Press FN + Shift to switch the lighting effect mode:

Press FN + ↑ to increase the backlight brightness, and FN + ↓ to decrease the backlight brightness (with four levels: OFF, 25%, 50%, 75%, 100%).

Press FN + ← to lower the frequency of the lighting effect changes, and FN + → to increase the frequency of the lighting effect changes (with 5 Speed Flashing).

1. The keyboard backlight function lacks a dedicated on/off switch. Instead, it is activated or deactivated by adjusting the brightness level.

2. When the keyboard's battery is low, the low-battery indicator light flashes and the backlight turns off. If the backlight is not functioning, check if the battery has sufficient charge. It is recommended to fully charge the battery before first use.

3. Backlight Mode:
Wave; Waterfall; Bloom; Footmark; Breathing; Sine Light Wave; Spark; Ripple; Greedy Snake; Constant; Customize Settings.

4. The backlight enters sleep mode after 5 minutes of inactivity. The factory default backlight mode is Wave with 50% brightness and medium speed. The keyboard features memory functionality, restoring the backlight to its last-used state upon subsequent startup.

2.4G Connection

1. Turn the power switch to ON.

2. Single press (B) channel button, and the indicator light flashes slowly, enter into 2.4G USB channel.

3. Take out the USB receiver.

4. Plug into the computer USB port.

Bluetooth Connection

1. Turn the power switch to ON.

2. Single press BT1 / BT2 channel button, and the indicator light flashes once to enter the Bluetooth channel.
Long press this Bluetooth channel button for 3-5 seconds again, the indicator light flashes quickly, then the keyboard enters into the Bluetooth pairing mode.

3. Turn on the Bluetooth settings on your device, search or select "ProtoArc K310 Pro" and start Bluetooth pairing until the connection is completed.

Channel Switching Method

1. After connecting the 2.4G USB, BT1, and BT2, press the corresponding button to switch between devices.

Custom Drive

Supports only 2.4G USB connectivity.

Please scan the QR code or use the link to visit our website for detailed customization instructions and the operation page.

https://www.protoarc.com/pages/setup?model=K310-Pro

Charging Guide

1. When battery power is low, the red low battery indicator will flash until the keyboard turns off.

2. Insert the Type-C cable into the keyboard and plug the USB-A end into the computer for charging. The red light stays on while charging.

3. A full charge cycle takes 2-3 hours. The indicator light will turn green when fully charged.

Multimedia Function Keys

Keys	Windows OS	iPad OS	Mac OS
Light -	Light -	Light -	Light -
Light +	Light +	Light +	Light +
App Window Switch	No Function	Notification Center	Notification Center
Task View	App Window Switch	App Window Switch	App Window Switch
Display Desktop	Go Home	Display Desktop	Display Desktop
Search	Search	/	/
Previous Track	Previous Track	Previous Track	Previous Track
Play & Pause	Play & Pause	Play & Pause	Play & Pause
Next Track	Next Track	Next Track	Next Track
Mute	Mute	Mute	Mute
Volume -	Volume -	Volume -	Volume -
Volume +	Volume +	Volume +	Volume +

FN+ESC (Fn lock) button to turn on or turn off the FN function

Product Parameters

Battery Capacity	4000 mAh
Working Current	≤ 75mA (backlight on) ≤ 3.5mA (backlight off)
Working Voltage	3.7V
Sleep Current	≤ 0.3 mA
Input	5V=400mA
Standby Time	≥ 150 Days
Charging Time	≤ 2 Hours
Wake Up Way	Press any key
Keyboard Weight	630 g
Keyboard Dimension	430x117x25 mm

2.4G Transmission Parameters

Transmission Distance	10m
Polling Rate	1000Hz
Frequency	2405-2475MHz
System Requirements	An available USB port Windows 8/10 or higher version

Bluetooth Transmission Parameters

Transmission Distance	10m
Polling Rate	125Hz
Frequency	2402-2480MHz
System Requirements	Bluetooth-enable device Windows 8 / 10 or higher version Mac Os x 10.12 or higher version IOS system: IOS 10 and above

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

Sleep Mode

1. When the keyboard is not used for more than 60 minutes, it will automatically enter into sleep mode and the indicator light will turn off.

2. When using the keyboard again, just press any key, the keyboard will wake up within 3 seconds, and the lights come back on and keyboard starts working.

Tips

1. To switch to a successfully connected channel, press the channel button and wait for 3 seconds before continuing to use.

2. The keyboard has a memory function. When it connected on a specific channel, turn off the keyboard and turn on again, they will automatically connect to the default channel and this channel indicator is on.

3. For UK users, Why is the keyboard English US (QWERTY) layout when typing?
Before using the keyboard, please set the keyboard language to English (UK) first.
(Samsung tablet for example) Settings > General management > Samsung Keyboard settings > Languages and types > Manage input languages > Choose English (UK)
(OPPO mobile phones for example) Setting > More setting > Language & Input > Physical Keyboard > K310 Pro > Set keyboard layouts > Choose English (UK)

Frequently Asked Questions

How do I resolve issues like the keyboard not working, failing to connect to devices (PC, Phone, Pad, etc.), connection drops, key repeating, typing delays, or multiple characters appearing?

• Ensure sufficient power for your device, and the keyboard.

◦ Charge your device (PC, phone, Pad, etc.) if its battery level is below 20%. A low device battery can cause the keyboard to function improperly.

◦ Charge your keyboard fully. We recommend charging it via a computer's USB port for optimal results. (A flashing power indicator usually signals low battery)

• If you are using a USB receiver to connect the keyboard to your device (e.g., PC, Phone, Pad, etc.):

◦ Unplug and then reinsert the USB receiver. It is recommended to try a different USB port on your device.

◦ Please switch the keyboard to the 2.4G channel.

• If you are using a Bluetooth connection for your keyboard:

◦ On your device's settings page, turn the Bluetooth function OFF and then ON again. Then, press any key on the keyboard to reconnect, or attempt to pair it again.

◦ If reconnection fails, delete the existing pairing records for this keyboard from the Bluetooth settings list on your device, restart your device, and then perform the pairing process again.

• For further assistance if needed.

◦ If you have further questions or require additional troubleshooting information, please feel free to contact our customer service team for support.

Safety Warning

IMPORTANT: To reduce risk of fire, electric shock, or injury, follow these safety instructions.

⚠ Charging Safety: Use only the provided cable. Charge in a well-ventilated, dry area away from inflammable materials.

⚠ Battery Handling: Do not attempt to replace the item's lithium battery. Battery replacement should be conducted by qualified personnel to prevent hazards.

⚠ Heat Exposure: Avoid leaving the item in high-temperature environments or in direct sunlight, which could result in a fire hazard.

⚠ Liquid Exposure: Keep the item away from water and liquids. Do not use if wet until thoroughly dried.

⚠ Damage and Leakage: Cease usage and consult customer service if the item is damaged or the battery leaks.

⚠ Correct Disposal: Follow local regulations for disposing of electronic devices and batteries. Do not dispose of with household waste.

⚠ Radio Frequency Interference: This device may cause interference with other electronics. Keep a safe distance from sensitive devices.

⚠ Child Safety: Keep the item and its components out of reach of children to avoid choking or battery ingestion hazards. Never allow children to handle the item unsupervised.

⚠ Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;

⚠ Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid organs; and

⚠ A battery subjected to extremely low air pressure that can result in an explosion or the leakage of flammable liquid or gas.

CAUTION: Non-compliance with the above warnings can lead to serious injury or property damage.

For further assistance or information, please contact our customer service.

Emergency Contact: +1 866-287-6188 (United States)

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.

EU Declaration of Conformity

Declared Object: Mechanical Keyboard

Model: K310 Pro

Rating: 3.7V-10mA

Input: 5V-250mA

Place of Production: Made in China

Manufacturer: Shenzhen Seenda Technology Co., Ltd.

Email: nigel@seenda.com

Address: #3402-3405, 3401-3401, Building B, Longhua District Digital Innovation Center (Jiangdongtuan Technology Building), Beihuan Community, Minshi Street, Longhua District, Shenzhen

European Representative:

Business center: g.l.l. GmbH
Business address: Bouwmeesterweg 15c, 22323, Hamburg, Germany
Email: g.l.l.12@seenda.com
Tel: +49 40 1059754

Business center: ANASTO INTERNATIONAL TRADE (LIMITED)
Business address: The Imperial 31-33 St. Stephens Gardens, Hasting HE1 1LH, United Kingdom, UK, UK
Email: anastointernational@outlook.com
Tel: +44 7501 001 942

It is our sole responsibility to declare that the above products are in full compliance with Directive 2014/53/EU, 2014/53/EU (as amended)

Position: Managing Director

Signature: 

Date of Sign: 2022.1.5

EU agent name: Tony Jia

Date of Sign: 2022.1.5

UK CE RoHS

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