英语

ProtoArc

EN

KM310

Wireless Keyboard

User Manual

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*Closed During Holidays

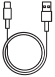
UK
support-uk@protoarc.com

Packing List

▼
Mechanical Keyboard* 1

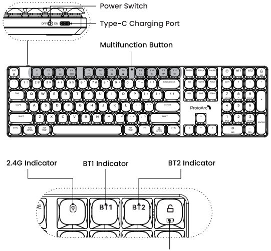
User Manual

▼
User Manual* 1



▼
Type-C
Charging Cable* 1

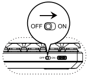
Product Features



Charging: Red Light
Fully Charged: Green Light
Low Battery: Red Light Flashing

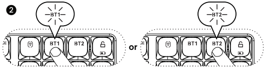
Keyboard Bluetooth Connection

❶



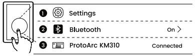
Turn the power switch to ON.

❷



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.

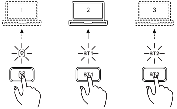
❸



Turn on the Bluetooth settings on your device, search or select "ProtoArc KM310" and start Bluetooth pairing until the connection is completed.

Mode Switch Method

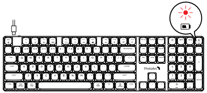
Keyboard



After channels ᛒ | BT1 | BT2 are all connected, short press the channel key on the keyboard, easily switch between multiple devices.

Charging Guide

1. When the battery is low, the low battery indicator light on the keyboard will rapidly flash to indicate low power.
2. Insert the Type-C port into the keyboard and the USB-A port into the computer to charge, the red light stays on while charging.
3. The indicator light turns in green when fully charged.



Notice:

If the keyboard is low battery, there will be delays, freezes and other problems. Please connect to the power supply for charging in a timely manner to ensure that the keyboard has sufficient battery power to get normal performance.

Multimedia Function Keys

Keys	Windows OS	Android OS	iPad OS
☼	Light -	Light -	Light -
☀	Light +	Light +	Light +
⧉	Window Switch	Window Switch	/
⊞	Multi-window Preview	Application Switch	Application Switch
▭	Display Desktop	Go Home	Go Home
🔍	Search	Search	Search
◀◀	Previous Track	Previous Track	Previous Track
▶II	Play & Pause	Play & Pause	Play & Pause
▶▶	Next Track	Next Track	Next Track
🔇	Mute	Mute	Mute
🔉	Volume -	Volume -	Volume -
🔊	Volume +	Volume +	Volume +
🔒Fn	FN+ESC (FN lock) button to turn on or turn off the FN		

Note: The FN function is a cyclic mode (F1-F12 and m functions are cyclically used).

Mac OS
Light -
Light +
Multi-window Preview
Application Switch
Display Desktop
/
Previous Track
Play & Pause
Next Track
Mute
Volume -
Volume +
function

ultimedia

How to Use Special Characters in British English

On MacOS/iPadOS/iOS system:

Press the key and you can type the symbol shows in the right square frame.

¬ ± ` ¦ §	§	" @ 2 €	2
~ | # \	\	@ " '	'
| ~ \ `	`		

Press and hold the key " Shift ", then press the corresponding key, you can type the symbol shows in the right square frame.

¬ ± ` ¦ §	±	" @ 2 €	@
~ | # \	|	@ " '	"
| ~ \ `	~		

Press and hold the key " Win/Option ", then press the corresponding key, you can type the symbol shows in the right square frame.

" @ 2 €	€

On Android/Windows:

Press the key and you can type the symbol shows in the right square frame.

¬ ± ` ¦ §	`	" @ 2 €	2
~ | # \	#	@ " '	'
| ~ \ `	\		

Press and hold the key " Shift ", then press the corresponding key, you can type the symbol shows in the right square frame.

¬ ± ` ¦ §	¬	" @ 2 €	"
~ | # \	~	@ " '	@

| ~ \ `	|		

Press and hold the key " Alt/Cmd " (the key on the right side of the keyboard), then press the corresponding key, you can type the symbol " ¦ " and " €".

¬ ± ` ¦ §	¦	$ 4 €	€

Product Parameters

Keyboard Parameters

Battery Capacity	500 mAh
Working Current	≤ 3.5 mA
Sleep Current	31 uA
Charging Current	190 mA (±20mA)
Standby Current	≤ 0.3 mA
Input	5V⎓250mA
Standby Time	≥ 150 Days
Charging Time	< 2 Hours
Wake Up Way	Press any key
Keyboard Weight	575 g
Keyboard Dimension	430x117x26 mm

Tips

1. If the Bluetooth connection is not working properly, turn off and turn on the keyboard or to restart the device's Bluetooth and attempt to reconnect. Or delete the extra Bluetooth option name in the Bluetooth connection list of the device and reconnect.

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

3. 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.

4. 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 > KM310 > Set keyboard layouts > Choose English (UK)

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.

Frequently Asked Questions

How to deal with disconnection issues, keys repeating or typing & clicking delay?

- Please ensure that the keyboard is fully charged. A low battery can affect the performance of the keyboard.
- If using a USB dongle to connect the keyboard to the device, unplug and replug the USB dongle, trying a different USB port if necessary.
- If connecting the keyboard to the device via Bluetooth, delete the Bluetooth name from your device's Bluetooth connection list, and restart your device and re-pair the keyboard by following the steps in the user manual.
- If the issues persist, try to connect the keyboard to other devices to check if the same issues occur and don't hesitate to contact our customer service for assistance.

How to deal with keyboard won't turn on or stops working?

- The rated charging voltage for the keyboard is 5V. It is recommended to use the computer's USB port for charging.
- Try to change another Type-C cable to confirm whether it is a cable issue or a fault with the keyboard and mouse.
- If the power indicator of the keyboard does not light up at all, please do not hesitate to contact our customer service for assistance.

How do I confirm that the keyboard is at low battery?

- When the battery is low, the low battery indicator light 🔋 on the keyboard will rapidly flash.

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 causeharmful interference toradio or televisionreception, 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.

Safety Warning

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

⚠ Charging Safely: Use only the provided cable. Charge in a well-ve tilated, 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 no use if wet until thoroughly dried.

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

⚠ Correct Disposal: Follow local regulations for disposing of electron 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.

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)

EU Declaration of Conformity

Declared Object:	Wireless Keyboard
Model:	KM310
Rating:	3.7V⎓10mA
Input:	5V⎓250mA
Place of Production:	Made in China
Manufacturer:	Dongguan Togran Electronics Technology Co.,Ltd
Email:	sales08@togran.com
Address:	No.110, Shidan Middle Road, Shijie Town, Dongguan City, Guangdong Province, China, 523290
European Representative:	EC REP Business name: g.L.L. GmbH Business address: Bauernvogtkoppel, 55c, 22393, Hamburg, Germany Email: g.L.L.DE@outlook.com Tel: +49 162 3305764 UK REP Business name: AMANTO INTERNATIONAL TRADE LIMITED Business address: The Imperial, 31-33 St Stephens Gardens, Notting Hill London, United Kingdom, W2 5NA Email: AmantoUK@outlook.com Tel: +44 7921 801 942

It is our sole responsibility to declare that the above products are in full compliance with Directive 2014/53/EU, 2011/65/EU (as amended)

Position:	Managing Director
Signature:	
Date of Sign:	2022.1.5
EU agent name:	Tong Jia
Date of Sign:	2022.1.5