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ProtoArc KM310 Mechanical Keyboard and Mouse Combo



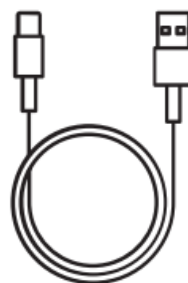
Packing List



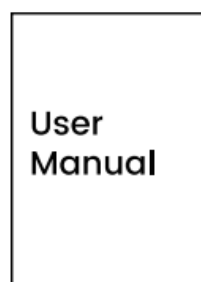
Mechanical Keyboard* 1



Mouse* 1

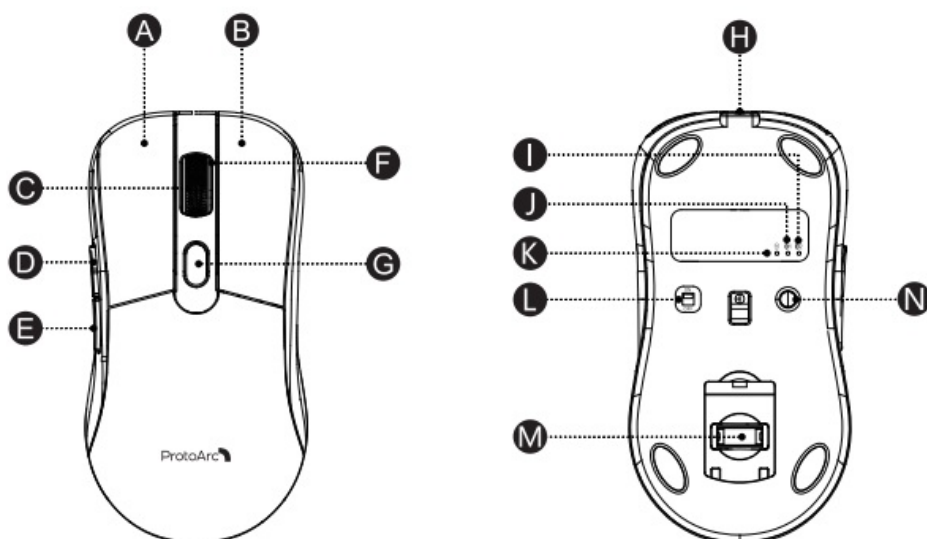
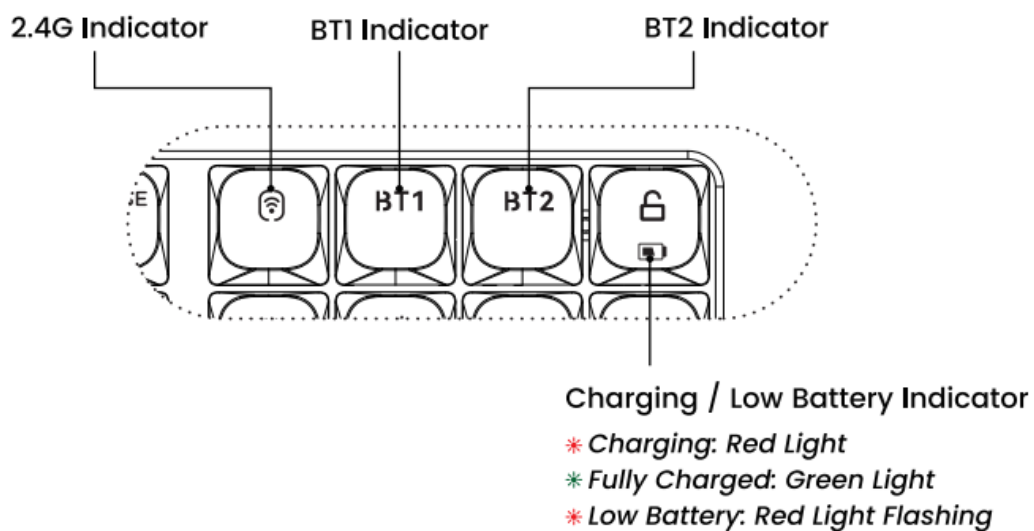
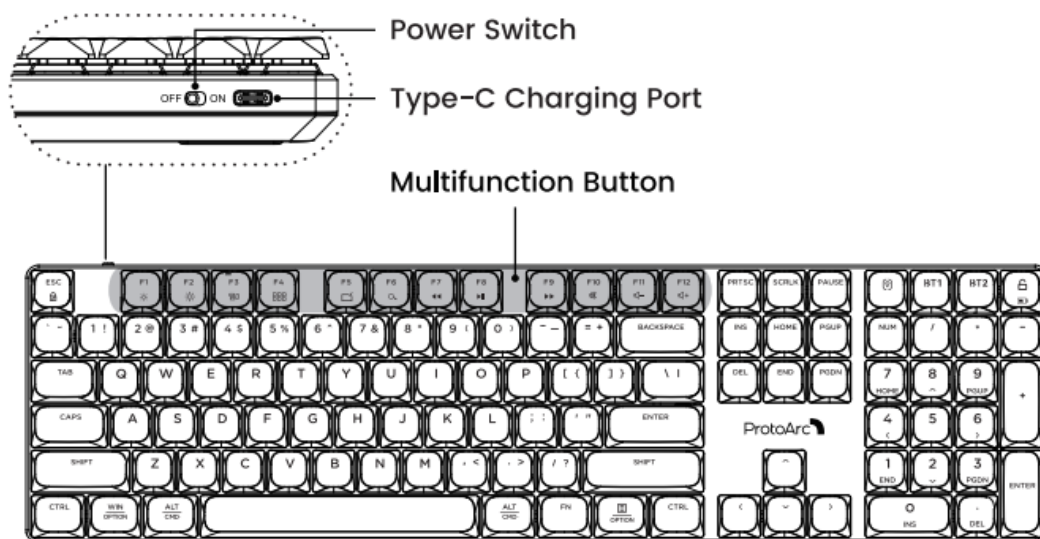


Type-C
Charging Cable* 1



User Manual* 1

Product Features



- **A** Left Button
- **B** Right Button
- **C** Scroll Wheel Button
- **D** Forward Button
- **E** Backward Button

- **F** Charging / Low Battery Indicator

* Charging: Red Light

* Fully Charged: Green Light

* Low Battery: Red Light Flashing

- **G** DPI Switch Button

- **H** Type-C Charging Port

- **I** BT2 Indicator

- **J** BT1 Indicator

- **K** 2.4G Indicator

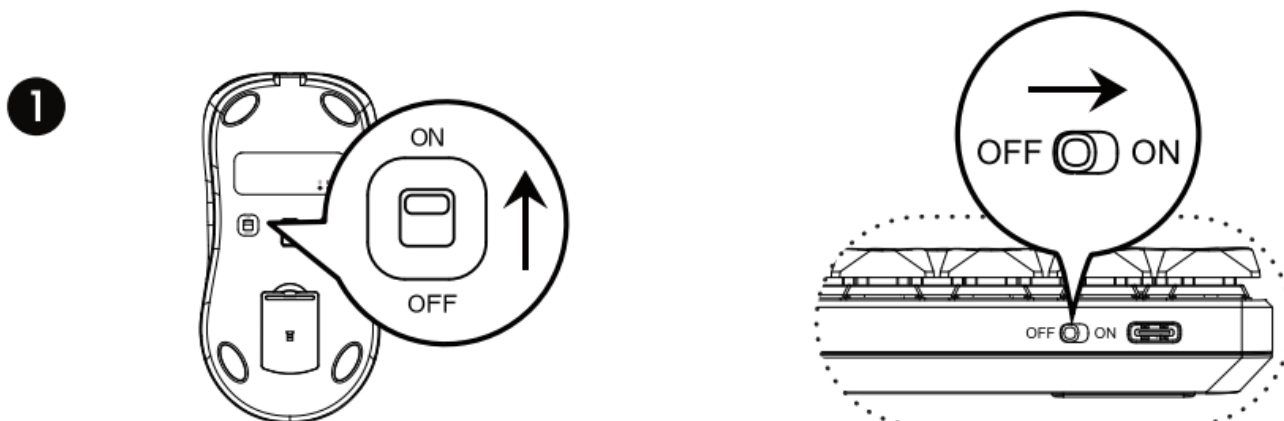
- **L** Power Switch


- **M** USB Receiver


- **N** Channel Switch Button

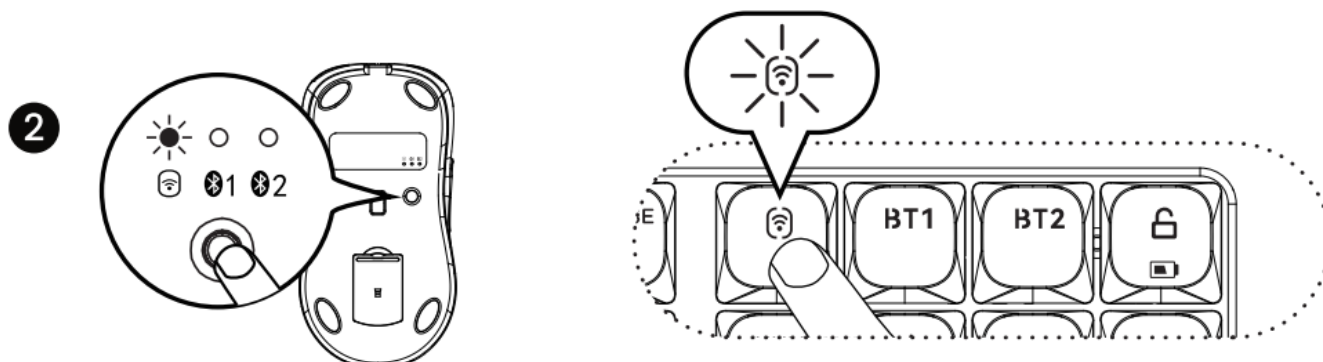
2.4G Connection

1. Turn the power switch to ON.



2. Press the channel switch button until the  light is on, the mouse enters into 2.4G USB channel.

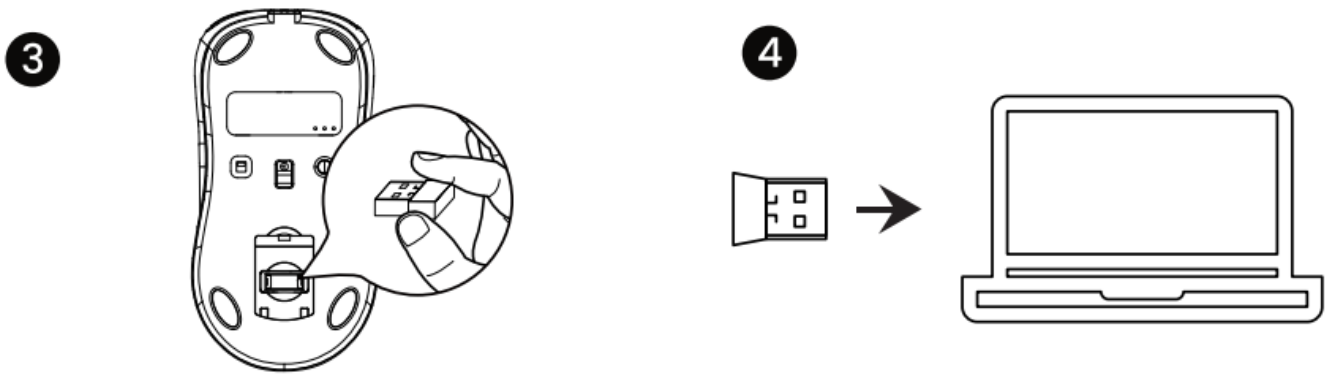
Single press  channel button, and the indicator light flashes slowly, enter into 2.4G USB channel.



3. Take out the USB receiver.

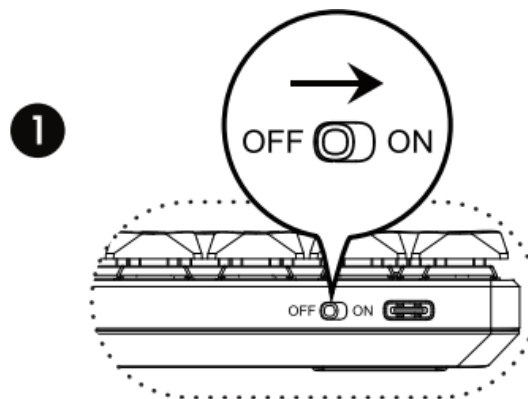
4. Plug into the computer USB port.

Keyboard and mouse share only ONE USB receiver.



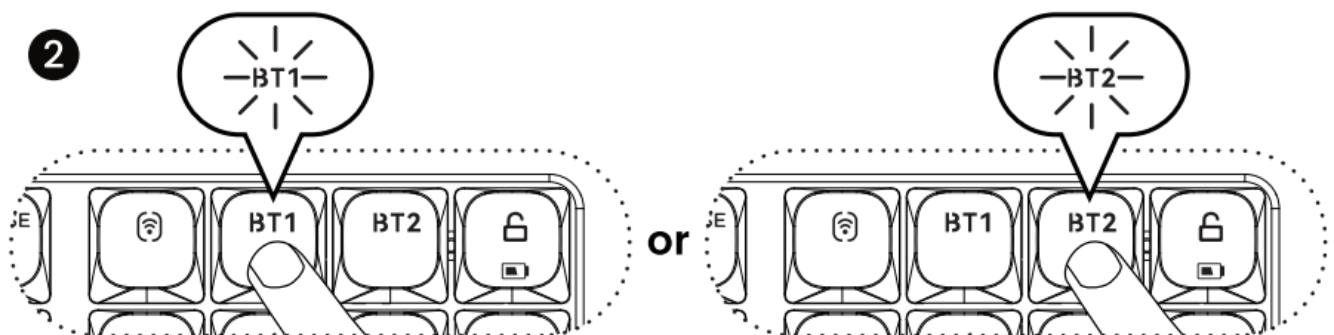
Keyboard Bluetooth Connection

1. Turn the power switch to ON.

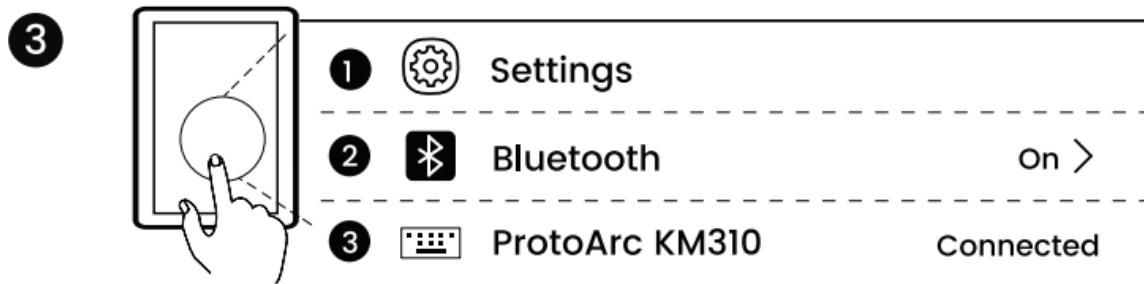


2. Single press BT1 / BT2 channel button, and the indicator light flashes once to enter the Bluetooth channel.

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.

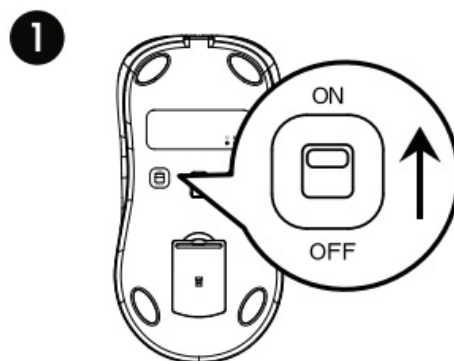


3. Turn on the Bluetooth settings on your device, search or select “ProtoArc KM310” and start Bluetooth pairing until the connection is completed.



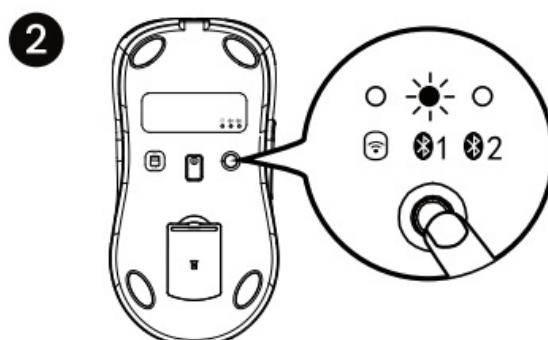
Mouse Bluetooth Connection

1. Turn the power switch to ON.

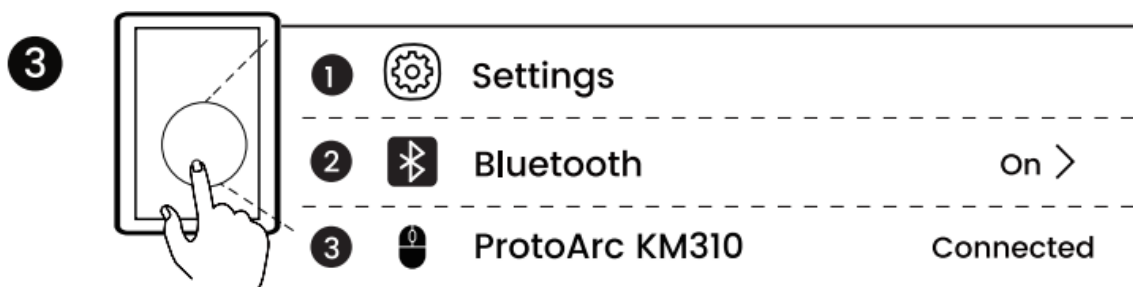


2. Press the channel switch button until the 1 / 2 indicator light is on, the mouse enters the Bluetooth channel.

Long press the channel switch button for 3-5 seconds again, until the 1 / 2 light flashes quickly, then the mouse enters the Bluetooth pairing mode.

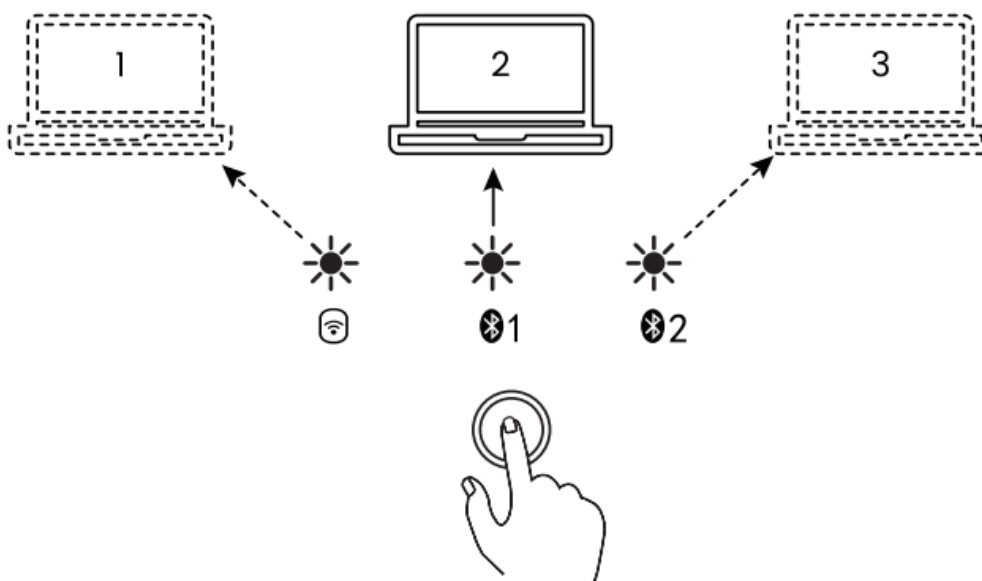





3. Turn on the Bluetooth settings on your device, search or select ProtoArc KM310" and start Bluetooth pairing until the connection is completed.



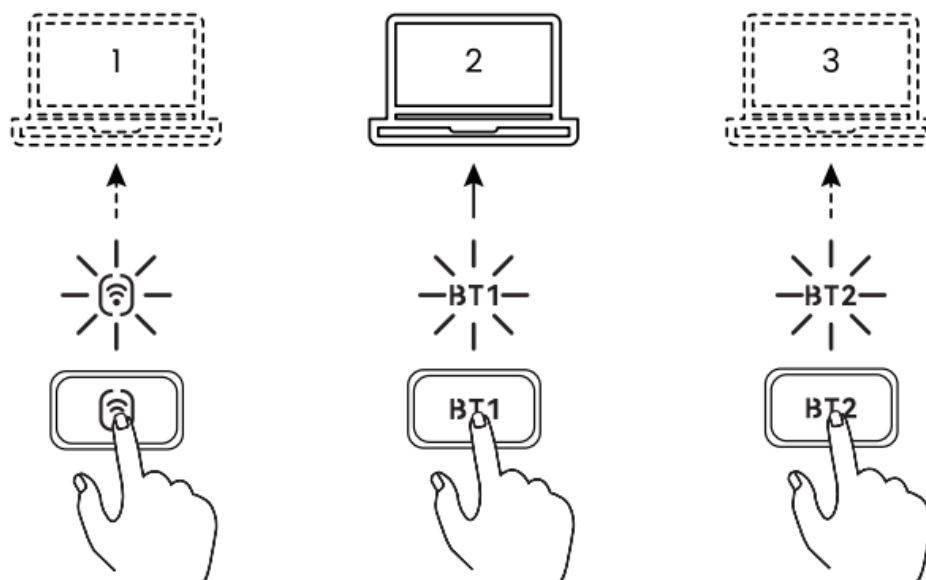
Mode Switch Method


Mouse



After channels    are all connected, short press Mode Switch Button on the bottom of the mouse, easily switch between multiple devices.

Keyboard



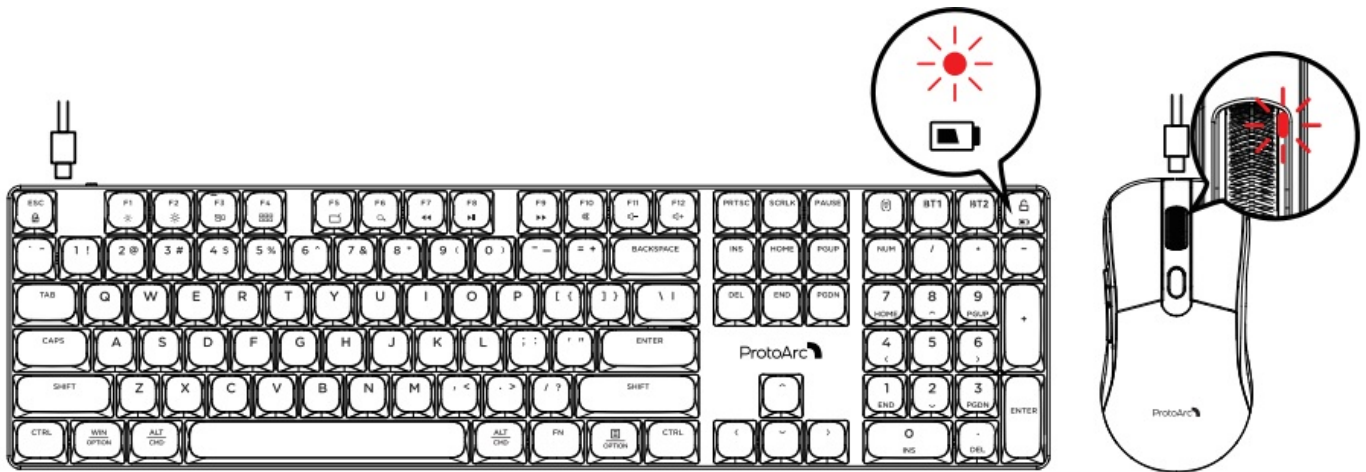
After channels  BT1 BT2 are all connected, short press the channel key on the keyboard, easily switch between multiple devices.

Charging Guide

1. When the battery is low, the low battery indicator light on the keyboard or mouse will

rapidly flash to indicate low power.














2. Insert the Type-C port into the mouse or 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 mouse or 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 mouse or keyboard has sufficient battery power to get normal performance.

Multimedia Function Keys

Keys	Windows OS	Android OS	iPad OS	Mac OS
	Light -	Light -	Light -	Light -
	Light +	Light +	Light +	Light +
	Window Switch	Window Switch	/	Multi-window Preview
	Multi-window Preview	Application Switch	Application Switch	Application Switch
	Display Desktop	Go Home	Go Home	Display Desktop
	Search	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			

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

How to Use Special Characters

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.

<div> <div>±</div> <div>§</div> </div>	§	<div> <div>" @</div> <div>2 €</div> </div>	2
<div> <div>~ </div> <div># \</div> </div>	\	<div> <div>@ "</div> <div>,</div> </div>	/
<div> <div> ~</div> <div>\ ,</div> </div>	/		

Press and hold the key "

Shift

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

<div> <div>±</div> <div>§</div> </div>	±	<div> <div>" @</div> <div>2 €</div> </div>	@
<div> <div>~ </div> <div># \</div> </div>		<div> <div>@ "</div> <div>,</div> </div>	//
<div> <div> ~</div> <div>\ ,</div> </div>	~		

Press and hold the key "

Option Win

 ", then press the corresponding key, you can type the symbol shows in the right square frame

<div> <div>" @</div> <div>2 €</div> </div>	€
--	---

On Android/Windows:

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

<div> <div>⌞ ±</div> <div>` ¡ §</div> </div>	<div> <div>↘</div> </div>	<div> <div>" @</div> <div>2 €</div> </div>	<div> <div>2</div> </div>
<div> <div>~ </div> <div># \</div> </div>	<div> <div>#</div> </div>	<div> <div>@ "</div> <div>'</div> </div>	<div> <div>/</div> </div>
<div> <div> ~</div> <div>\ ,</div> </div>	<div> <div>\</div> </div>		

Press and hold the key "

Shift

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

<div> <div>⌞ ±</div> <div>` ¡ §</div> </div>	<div> <div>⌞</div> </div>	<div> <div>" @</div> <div>2 €</div> </div>	<div> <div>//</div> </div>
<div> <div>~ </div> <div># \</div> </div>	<div> <div>~</div> </div>	<div> <div>@ "</div> <div>'</div> </div>	<div> <div>@</div> </div>
<div> <div> ~</div> <div>\ ,</div> </div>	<div> <div> </div> </div>		

Press and hold the key "

Cmd
Alt

" (the key on the right side of the keyboard), then press the corresponding key, you can type the symbol "

¡

" and " €".

<div> <div>⌞ ±</div> <div>` ¡ §</div> </div>	<div> <div>¡</div> </div>	<div> <div>\$</div> <div>4 €</div> </div>	<div> <div>€</div> </div>
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Product Parameters

Keyboard Parameters

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

Mouse Parameters

Engine	Optics
DPI	1000/1600/2400 DPI
Mouse Button Life	More than 3 million times
Input	5V \Rightarrow 250mA
Battery Capacity	300mAh
Battery Life	1000 times charge and discharge cycles
Standby Time	200 Days
Continuous Working Time	50 hours
Mouse Weight	70 g
Mouse Dimensions	125.5*64*39 mm

2.4G Transmission Parameters

Transmission Distance	10m
Working Voltage	3.7V
Working Current	<5mA
Polling Rate	250Hz
System Requirements	An available USB port Windows XP, Windows 7, Windows 8, Windows 10 or higher version

Bluetooth Transmission Parameters

Transmission Distance	10m
Working Voltage	3.7V
Working Current	<5mA
Polling Rate	125Hz
System Requirements	Bluetooth receiving device Windows 8, Windows 10 or higher version Mac OS X 10.10 or higher version Android 4.3 or higher version

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

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-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.

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](tel:866-287-6188) (United States)

EU Declaration of Conformity

- Declared Object:
Mechanical Keyboard and Mouse Combo
- 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:



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Business address: Bauernvogtkoppel, 55c, 22393, Hamburg, Germany

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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

Position:

Managing Director

Signature:



Date of Sign:

2022.1.5

EU agent name:



Date of Sign:

2022.1.5



Frequently Asked Questions


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

- Please ensure that the keyboard/mouse is fully charged. A low battery can affect the performance of the keyboard/mouse.
- If using a USB dongle to connect the keyboard/mouse to the device, unplug and replug the USB dongle, trying a different USB port if necessary.
- If connecting the keyboard/mouse 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/mouse by following the steps in the user manual.
- If the issues persist, try to connect the keyboard/mouse 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/mouse won't turn on or stops working?

- The rated charging voltage for the keyboard and mouse 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/mouse 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.

Documents / Resources

	ProtoArc KM310 Mechanical Keyboard and Mouse Combo [pdf] User Manual KM310 Mechanical Keyboard and Mouse Combo, KM310, Mechanical Keyboard and Mouse Combo, Keyboard and Mouse Combo, Mouse Combo
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References

- [User Manual](#)

-  ProtoArc
-  Keyboard and Mouse Combo, KM310, KM310 Mechanical Keyboard and Mouse Combo, Mechanical Keyboard and Mouse Combo, Mouse Combo, ProtoArc

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