

# Trackball Mouse M-MT2MRS series User Manual

Compliant model: MMT2MRS, E02C

\* Screenshots will be replaced with the target language version's when they are all ready  
\* XXX will be determined when they are all fixed

## Precautions



This manual describes the important precautions you should take for safe operation of this product. Observe these precautions carefully to avoid personal injury, damage, fire, and other problems.

### ■ Meaning of symbols

## **WARNING**

Failure to observe precautions carries the possibility of serious personal injury or death due to fire, electric shock, or other causes.

## **CAUTION**

Failure to observe precautions may result in personal injury due to electric shock or other causes, and may damage other equipment.

 Prohibited action

 Mandatory action

 Situation that needs attention

 Notes and reference information

## **WARNING**

 **If a foreign object (water, metal chips) enters this product, stop using immediately and remove the batteries.**

Continuing to use the product as it is may cause a fire or an electric shock.

 **If abnormalities such as overheating, emitting smoke, or strange odors occur, stop using the product immediately and disconnect it from the connected device. Also, after confirming that there is no heat generation, please remove the battery from this product while being careful to avoid burns. Afterwards, please contact your dealer.**

Continuing to use the product as it is may cause a fire or an electric shock.

 **Please do not drop or hit this product.**

**In the event that the product is damaged, cease usage immediately. Turn OFF the power and remove the batteries. Afterwards, please contact your dealer.**

Fires or electric shocks may occur if this product is used when damaged.

 **Do not attempt to disassemble, modify, or repair this product or the receiver.**

Doing so may cause a fire, electric shock, or product damage.

Such malfunctions are not covered under warranty.

 **Do not put this product in fire.**

Breakage may cause fire or injury.



**Please do not insert or pull out the receiver unit with wet hands.**

It can cause a fire or electric shock.



**The receiver unit presents a swallowing hazard for children, so be sure to store it in a place out of the reach of children.**



## CAUTION



**Do not place this product in any of the following environments:**

- In a car exposed to sunlight or a place exposed to direct sunlight.
- In a place that becomes hot, such as around a heater.
- In a moist place or a place where condensation may occur.
- In an uneven place or a place exposed to vibration.
- In a place where a magnetic field is generated (such as near a magnet.)
- In a dusty place.



**This product does not have a waterproof structure. Use or store in a place not exposed to liquids such as water.**

Any liquid such as rain, water spray, juice, coffee, steam, and sweat, can cause this product to breakdown.



- Only use this trackball with PCs, smartphones, tablets, and video game systems.
- Do not use this product with any device that may be significantly affected in the case of this product malfunctioning.
- When you no longer need to use this product and the batteries, be sure to dispose of them in accordance with the local ordinances and laws of your area.

## ■ Batteries



## CAUTION



**Please use either AAA alkaline batteries, AAA manganese batteries, or AAA nickel-metal hydride batteries.**



**When not using this product for long periods of time, remove the batteries.**

Not removing them may cause leakage or malfunction.

## ■ Cleaning the Product

If this product becomes dirty, wipe it with a soft, dry cloth.



Use of a volatile liquid (paint thinner, benzene, alcohol, etc.) may affect the material quality and colour of this product.

Please take caution regarding the following for disinfection.



Gently soak a cleaning cloth, such as a microfiber cloth, in the disinfectant solution. Ensure there are no loose droplets and gently wipe the product using the cloth.

After wiping, dry thoroughly and wipe off any residual liquid.

\*Do not spray any liquid onto the product directly. Doing so can cause electric malfunctions.



## IMPORTANT



**Do not spray any liquid onto the product directly.**

Doing so can cause electric malfunctions.



**Do not use organic solvents or expose the product to ultraviolet light.**

Using these can cause damage to the exterior such as the deterioration of the housing components or paints.



**We recommend using disposable gloves.**



**When using any alcohol-based products, please check its associated precautions and that it is appropriate for the specific purpose.**



**Please turn off any connected devices.**

\*When in sleep or hibernation mode, turn off connected devices.

\*Please unplug the AC adapter and power cable from the outlet.



· Please note that the customer is fully responsible for repair costs in the event that the product is damaged or operates abnormally due to the disinfection process.

· It is recommended that you sanitize your hands before and after using PCs and peripherals that are used by multiple people to prevent the spread of infection through the equipment.

## Cautions for Wireless Equipment

This product is a wireless device that can use the entire 2.4 GHz band, and is able to avoid the mobile entity identification device range. The GFSK method is adopted as the radio wave method, and the interference distance is 10 m. The 2.4 GHz band is also used in medical devices, Bluetooth, and wireless LAN devices of the IEEE 802.11b/11g/11n standards.

- Before using this product, check that there are no other "radio stations"\* operating nearby.
- If electromagnetic interference occurs between this product and other "radio stations"\*, use this product in another location or stop using this product.

\*Other "radio stations" refer to industrial, scientific and medical devices using the 2.4 GHz band, the same as this product, other radio stations of this type, licensed radio station premises for a mobile object identification system that is used in factory production lines, certain non-licensed low power radio stations, and amateur radio stations.



## WARNING



- Do not use with any equipment that may be significantly affected in the case of this product malfunctioning. There are rare cases in which an external radio wave at the same frequency, or the radio wave emitted from a mobile phone, causes this product to malfunction, slow down, or fail to operate.
- Do not use this product in places where radio wave usage is prohibited, such as hospitals. Radio waves of this product may affect electronic devices and medical devices (for example pacemakers).
- Due to the possibility of hindering safe navigation of aircraft, use of wireless trackball in aircraft is prohibited by the Civil Aeronautics Act. Turn off the power of the wireless trackball before boarding and do not use after boarding.

\*ELECOM is not liable for any accidents or any indirect or consequential damage incurred due to the failure of this product.

## How to use



### Items included in this package



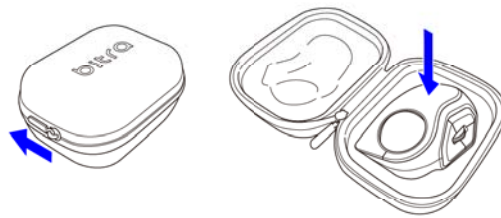
The following items are included in this package. Verify the package to ensure all items are accounted for prior to using this product. While every effort has been made to ensure proper packaging, in the event that any shortage or damage is discovered, please contact the retailer where the product was purchased.

- **Trackball main body × 1**
- **Receiver unit × 1**
- **AAA alkaline dry cell battery for confirming operability × 1**



The batteries and receiver unit are already installed into the mouse. Please remove the battery insulating pull tab before use. Also, take out the receiver unit as needed.

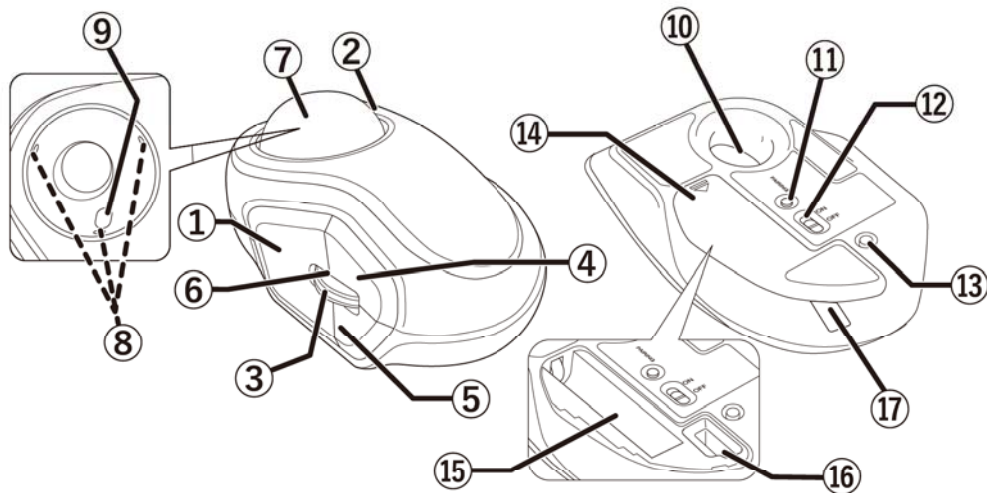
- **One dedicated semi-hard case is included**



## Name and function of each part



### ■ Trackball



#### ① **Left button**

To left click on your PC.

#### ② **Right button**

To right click on your PC.

#### ③ **Wheel**

Rotate forward and backward or click like a button to operate your PC.

#### ④ **"Back" button**

Performs the "Back" function on the Web browser.

#### ⑤ **"Forward" button**

Performs the "Forward" function on the Web browser.



"Forward" button  
Continue to next page.



"Back" button  
Return to previous page.



You need to install the "ELECOM Mouse Assistant 6" from our website to use the "Back" and "Forward" button on Mac. Refer to "Install ELECOM Mouse Assistant 6".

## ⑥ LED light

- When the power is turned ON, the area around the wheel lights up in the following color for 5 seconds.  
Bluetooth connection: ●blue  
2.4GHz Wireless Connection: ●White
- When you change the connection target using the connection switch button, it lights up in the following color for 1 second.  
Bluetooth connection: ●blue  
USB 2.4GHz Wireless Connection: ● White
- When in Bluetooth pairing standby mode, the area around the wheel rapidly flashes ●blue.  
When pairing is successful, the area around the wheel lights up ●blue for 3 seconds.
- When the battery level becomes low during use, the area around the wheel flashes white 10 times at 1-second intervals.

## ⑦ Ball (diameter: 34 mm)

Rotate using your fingertips to move the cursor. ここに示キスレを動かす。

## ⑧ Ball Socket

Support the ball.

## ⑨ Optical sensor (under the ball)

This sensor detects the trackball's movements when you move the trackball.

## ⑩ Ball Release Button

To clean the internal ball socket and optical sensor, press this button to remove the ball.

## ⑪ Pairing button

Pair this product with your PC's Bluetooth module, Bluetooth adapter, or a receiver unit.

#### ⑫ **Power switch**

Turn the trackball power ON and OFF.

#### ⑬ **Connection Switch Button**

Each press of the button toggles between Bluetooth and 2.4GHz wireless connection.

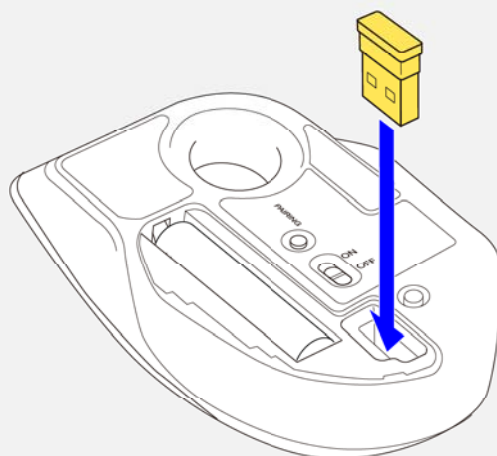
\*At the time of purchase, it is set to the Bluetooth connection side.

#### ⑭ **Battery cover**

Remove this cover and insert the battery.

#### ⑮ **Receiver unit storage compartment**

The receiver unit can be stored here when the mouse is not connected wirelessly.



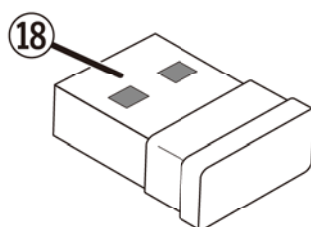
#### ⑯ **Battery storage compartment**

It holds the battery.

#### ⑰ **Battery insulating tab**

Remove this tab before using.

### ■ **Receiver unit**



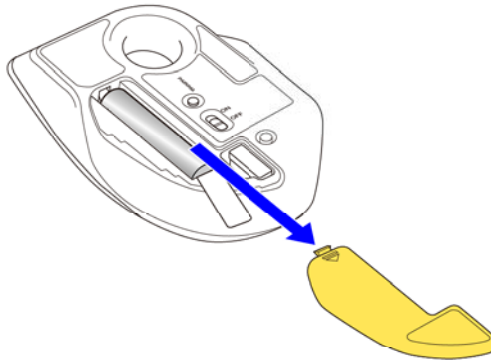
#### ⑱ **USB-A plug**

Connects to the PC USB-A port.

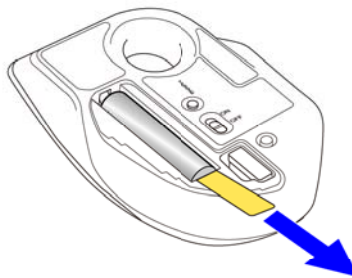
## Using Bluetooth connection

**1. Remove the battery insulating tab.**

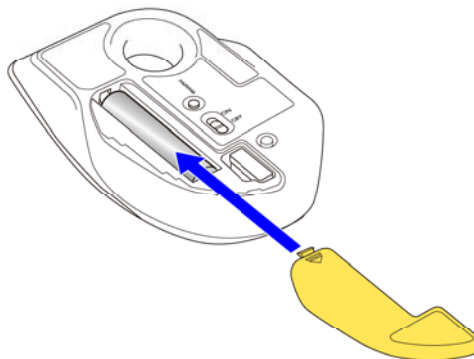
1) Remove the battery cover.



2) Remove the battery insulating tab.

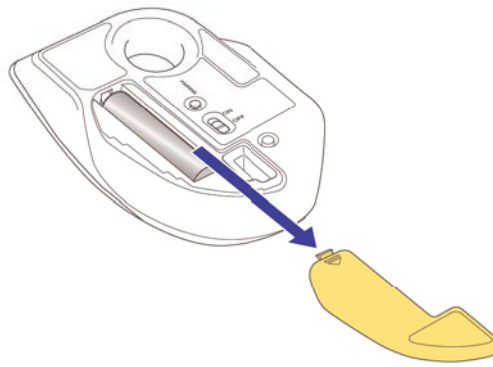


3) Put the battery cover back on.

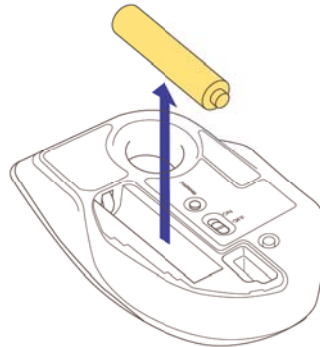


Replacing the battery...

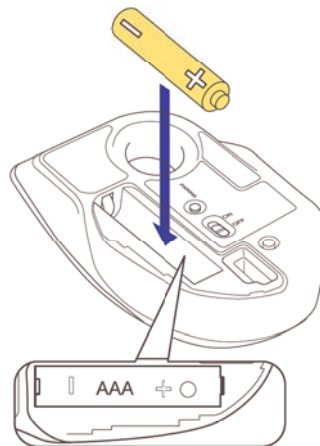
1) Remove the battery cover.



**2) Remove the old battery.**

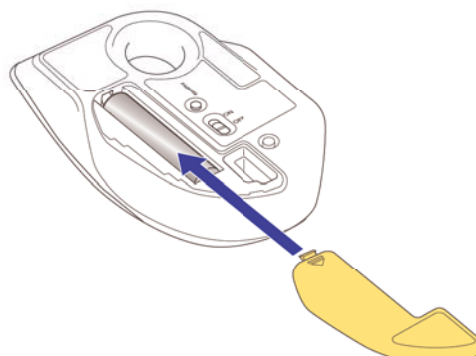


**3) Insert a new battery according to the instructions on the battery compartment.**



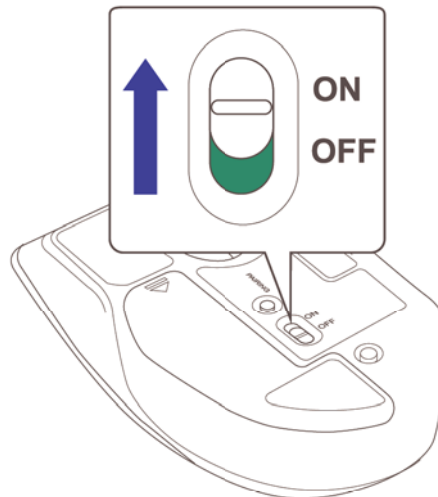
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

**4) Put the battery cover back on.**



## 2. Turn the power ON

1) Slide the power switch on the bottom of the product to the ON position.



The area around the wheel lights up blue for 5 seconds.

\*When the battery is running low, the LED blinks white 10 times every second.

### • When turning on the battery for the first time

The mouse enters pairing mode, and the area around the wheel rapidly flashes blue. You can now pair it with your computer.

If the following screen appears, refer to Step 3 in "[When Using Quick Pairing](#)".



If the above screen does not appear, refer to Step 3 in "[When Pairing from the Settings Screen](#)".



### Power-saving mode

When the trackball is left untouched for a fixed period of time while the power is ON, it automatically shifts to power-saving mode.

The trackball returns from power-saving mode when it is moved.

\*Trackball operation may be unstable for 2-3 seconds after returning from the power-saving mode.

## 3. Pairing with a PC

- Pairing involves registering Bluetooth devices (in this case, this product and your PC) with each other, and authorizing a connection between them.
- This section covers Windows standard Bluetooth functions. Depending on your device or Bluetooth adapter, unique Bluetooth functions may be used. Please read the respective manuals

for each function.

- Please carry out the pairing operation using your current mouse or touchpad on your device.
- The following instructions are for Windows 11 (24H2).

## ■ When Using Quick Pairing

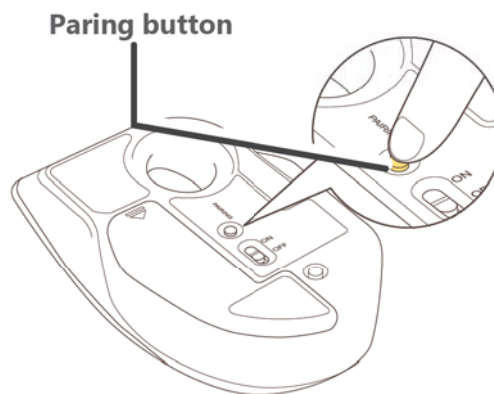
This product supports Quick Pairing. If you are using a PC or Bluetooth dongle that supports Quick Pairing, setting the mouse to pairing mode allows it to quickly pair with the PC.

### 1) Press the connection switch button. The area around the wheel lights up blue and the Bluetooth connection is selected.

The area around the wheel lights up blue for 5 seconds.

### 2) Press and hold the pairing button on the bottom of the product for 3 seconds, then release it.

The device enters pairing mode, and the area around the wheel rapidly flashes blue.

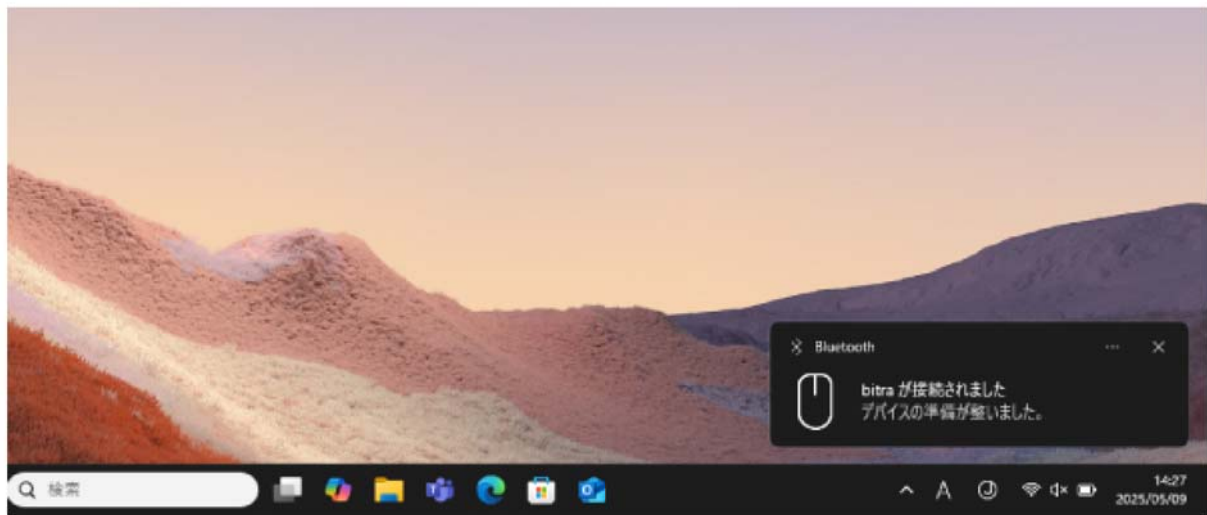


### 3) When the screen below appears in the lower-right corner, click "Connect".



If the above screen does not appear, please check whether Quick Pairing notifications are enabled. For more details, refer to "[Turning On Quick Pairing Notifications](#)".

### 4) When "bitra has been connected" is displayed, the pairing is complete.



The area around the wheel lights up blue for 5 seconds.

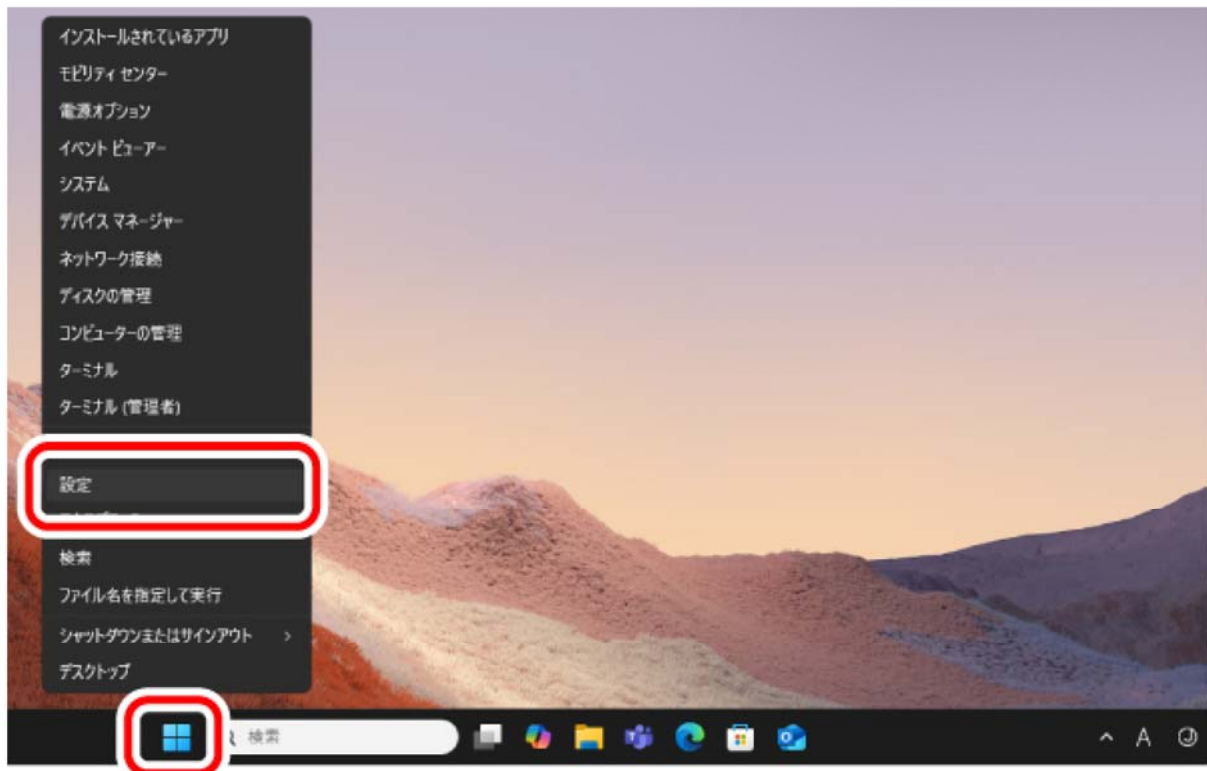
**You can now use the trackball.**

### ● Turning On Quick Pairing Notifications

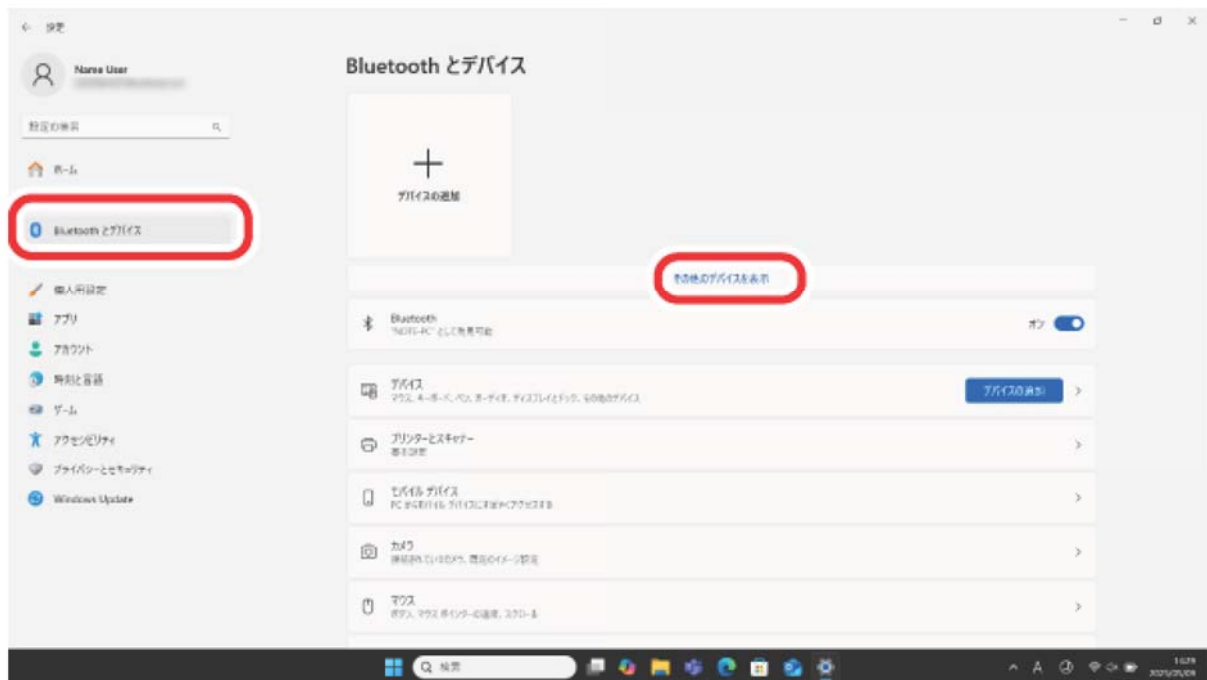
If the Quick Pairing does not work even after entering pairing mode, enable the Quick Pairing notification by following the steps below.

#### 1) Right click on "Start" on the bottom of the screen and then, select "Settings".

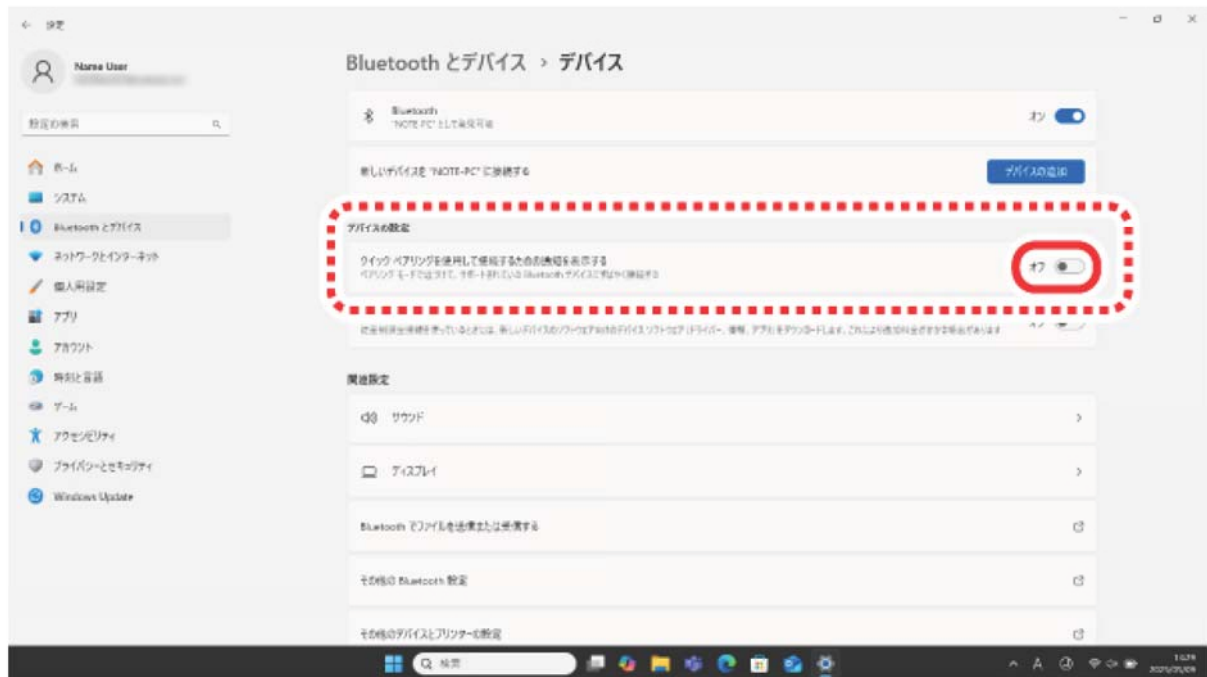
The "Settings" page appears.



#### 2) Click "Bluetooth & devices," then click "View more devices".



3) Click "Show notifications to connect using Quick Pairing", and turn it on.



You are now able to use the Quick Pairing.



If "Show notifications to connect using Quick Pairing" does not appear, your PC or Bluetooth dongle does not support Quick Pairing. In that case, please pair the device from the settings screen. For details, refer to "■ When Pairing from the Settings Screen".

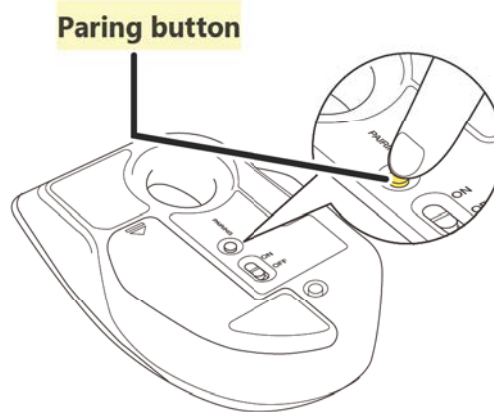
## ■ When Pairing from the Settings Screen

1) Press the connection switch button. The area around the wheel lights up blue and the Bluetooth connection is selected.

The area around the wheel lights up blue for 5 seconds.

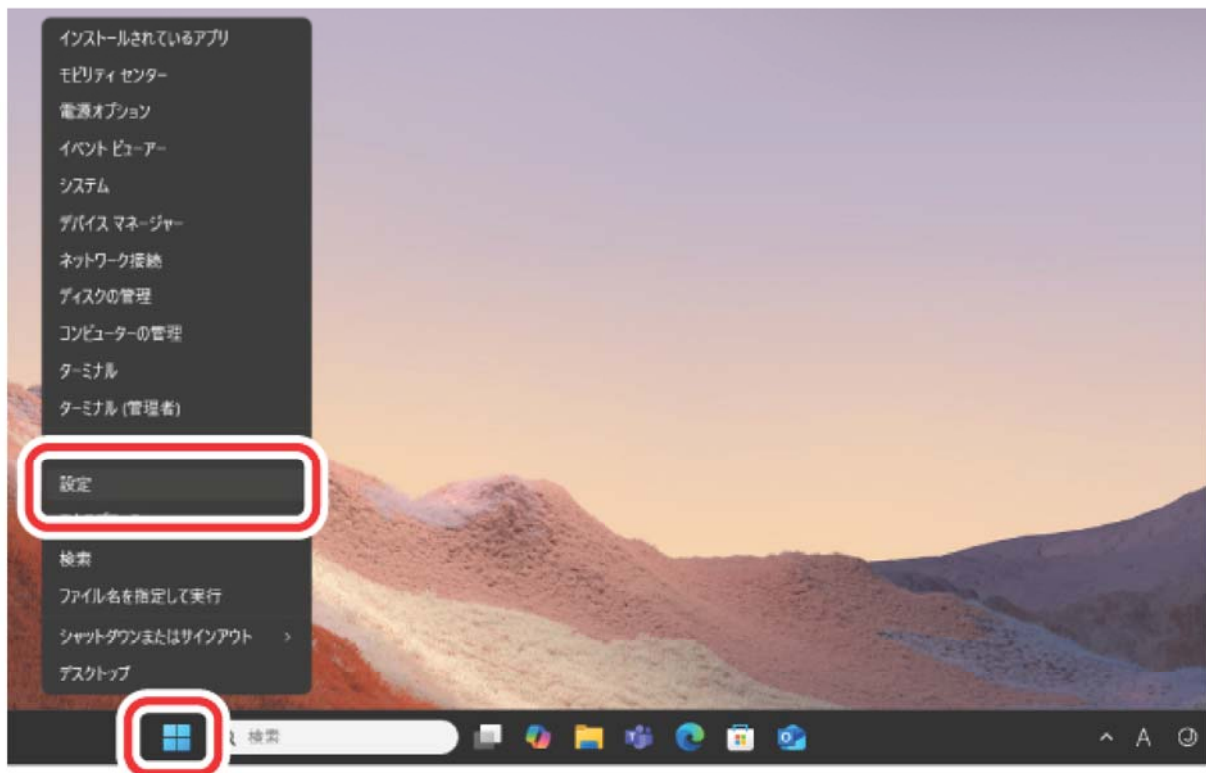
**2) Press and hold the pairing button on the bottom of the product for 3 seconds, then release it.**

The device enters pairing mode, and the area around the wheel rapidly flashes blue.



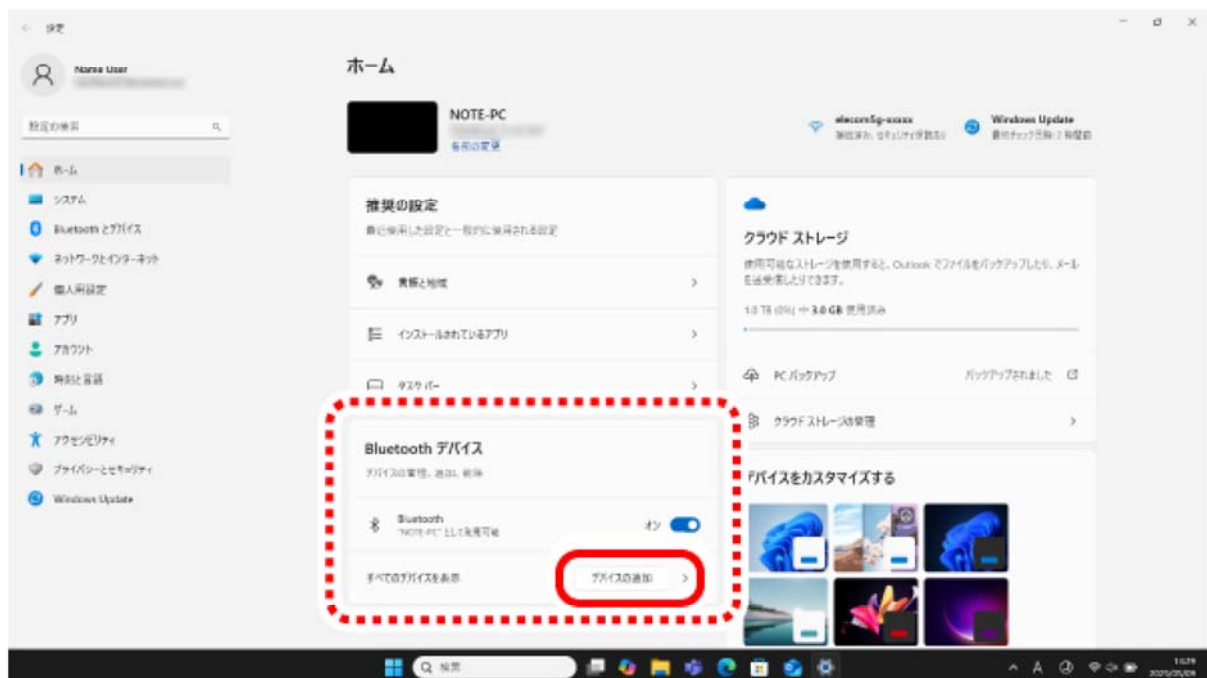
**3) Right click on "Start" on the bottom of the screen and then, select "Settings".**

The "Settings" page appears.

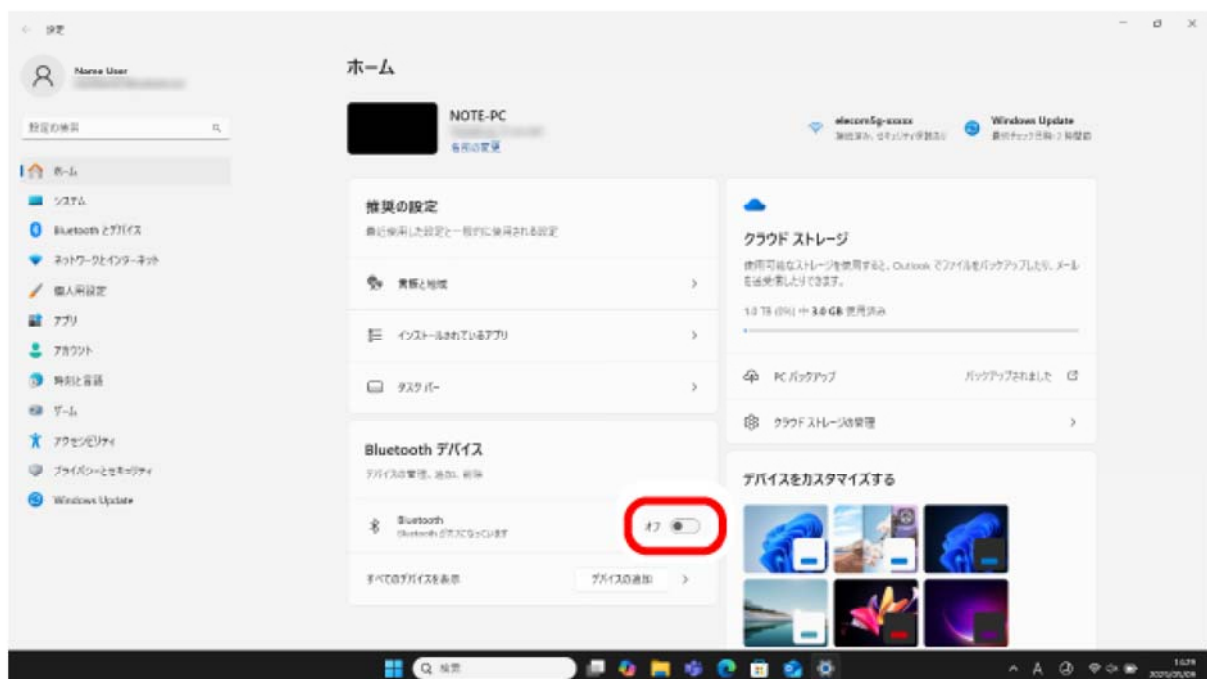


**2) Under "Home", select "Add device" under "Bluetooth devices".**

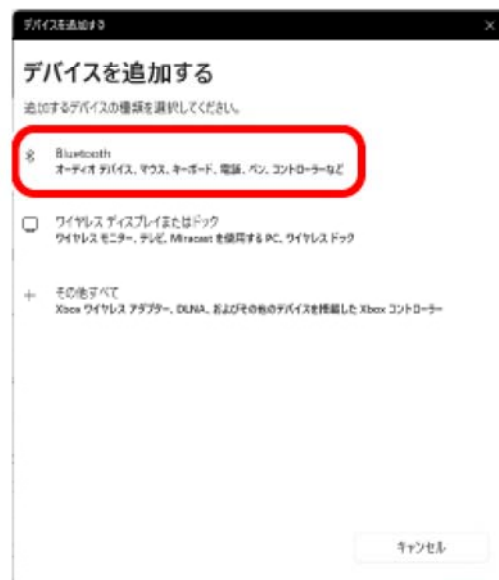
The "Add a device" page appears.



If "Bluetooth" is off, turn it on.



4) Click "Bluetooth".



5) The “Add device” page appears.



6) Click on “bitra”.

Pairing begins.



7) When the message changes to “Your device is ready to go!”, select “Done”.



8) Pairing is complete when this product is added to “Bluetooth devices” and the status is “Connected”.

After the area around the wheel lights up blue for 5 seconds, it turns off.



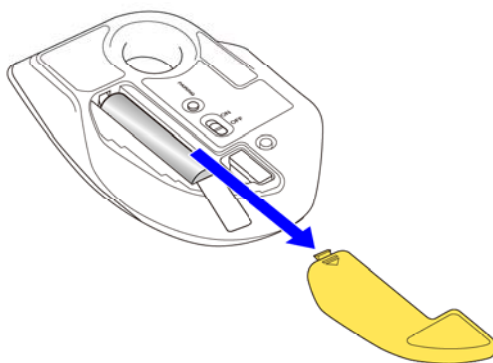
You can now use the trackball.

## Using wireless connection

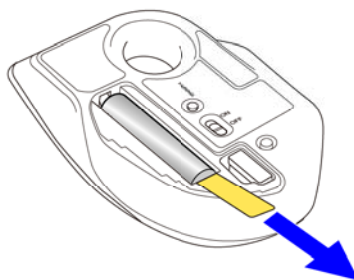


### 1. Remove the battery insulating tab.

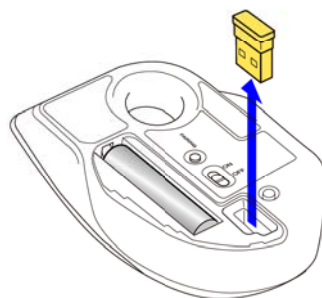
1) Remove the battery cover.



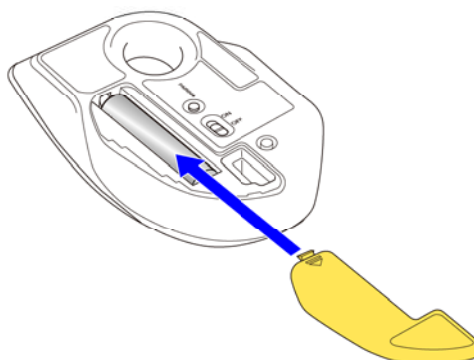
**2) Remove the battery insulating tab.**



**3) Remove the receiver unit.**

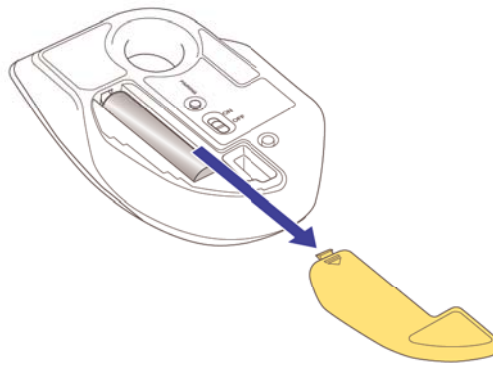


**4) Put the battery cover back on.**

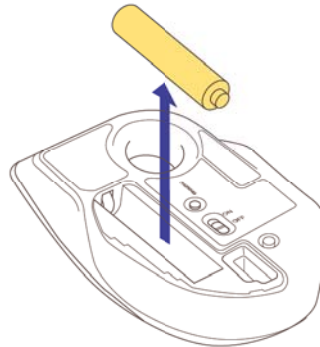


**Replacing the battery...**

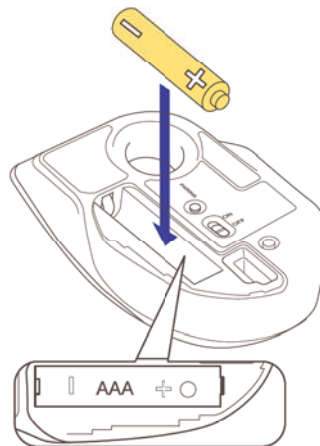
**1) Remove the battery cover.**



**2) Remove the old battery.**

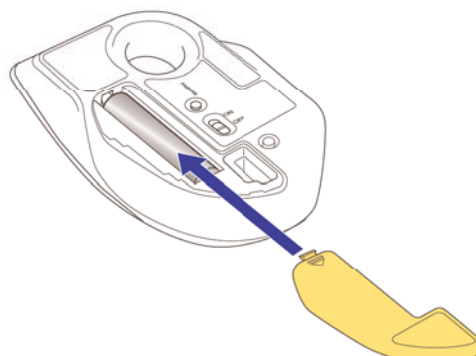


**3) Insert a new battery according to the instructions on the battery compartment.**



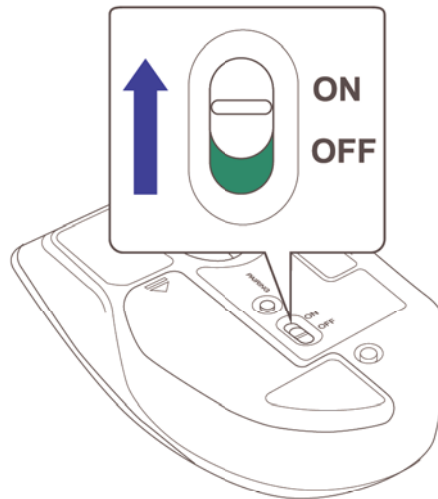
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

**4) Put the battery cover back on.**



## 2. Turn the power ON

1) Slide the power switch on the underside of the product to the ON position.



The area around the wheel lights up white for 5 seconds.

\*When the battery is running low, the LED blinks white 10 times every second.



### Power-saving mode

When the trackball is left untouched for a fixed period of time while the power is ON, it automatically shifts to power-saving mode.

The trackball returns from power-saving mode when it is moved.

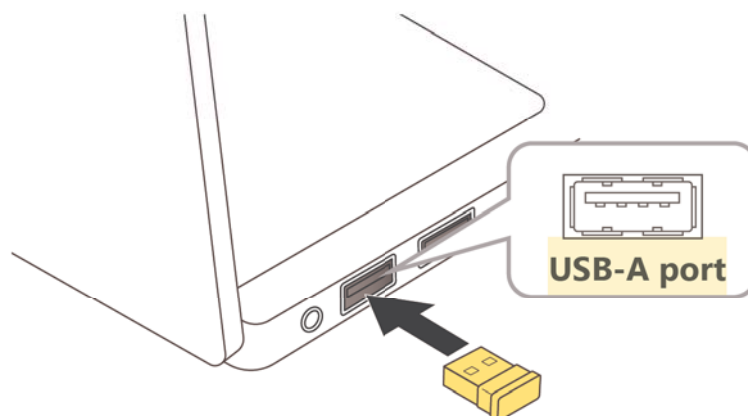
\*Trackball operation may be unstable for 2-3 seconds after returning from the power-saving mode.

## 3. Connect to a PC

1) Start up your PC.

Please wait until the PC has started up and can be operated.

2) Insert the receiver unit into the PC's USB-A port.



You may use any USB-A port.



• Ensure that the connector is correctly oriented to the port.

- If there is strong resistance when inserting, check the shape and orientation of the connector. Forcibly inserting the connector may damage the connector, and there is a risk of injury.
- Do not touch the terminal portion of the USB connector.



#### **When removing the receiver unit**

This product supports hot plugging. The receiver unit can be removed while the PC is on.

### **3) Press the connection switch button. The area around the wheel lights up white and the 2.4GHz wireless connection is selected.**

T

The area around the wheel lights up white for 5 seconds.

### **4) The driver is automatically installed, and then you are able to use the mouse. You can now use the trackball.**

By downloading and installing the "ELECOM Mouse Assistant V6" from our company website, settings such function assignment, keyboard shortcuts, gesture functions, and changes to profiles can be performed. Please proceed to "[Install ELECOM Mouse Assistant 6](#)".

## **Change the mouse pointer speed**

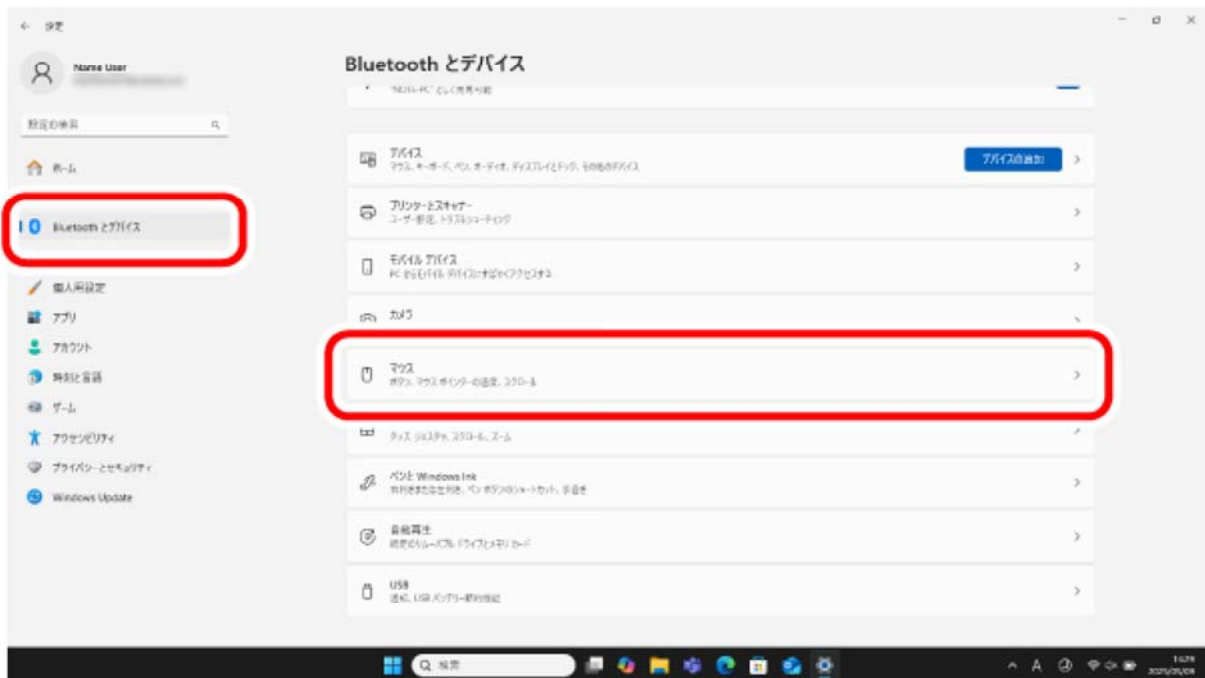
Adjust the mouse pointer movement speed on your PC if the mouse pointer moves too fast or too slow.

### **■ For Windows 11**

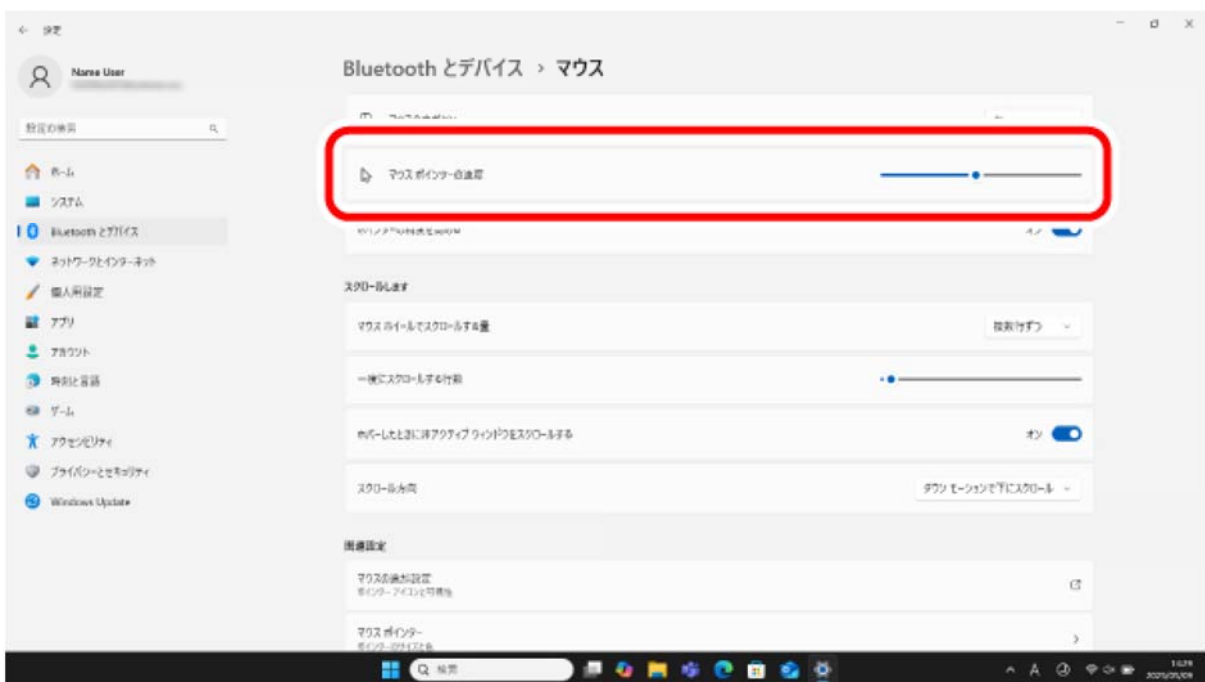
#### **1) Click on "Start" on the bottom of the screen and select "Settings".**

The "Settings" page appears.

#### **2) Select "Bluetooth & devices" and then "Mouse".**



3) Adjust the “Mouse pointer speed” slider bar to adjust the mouse pointer movement speed.



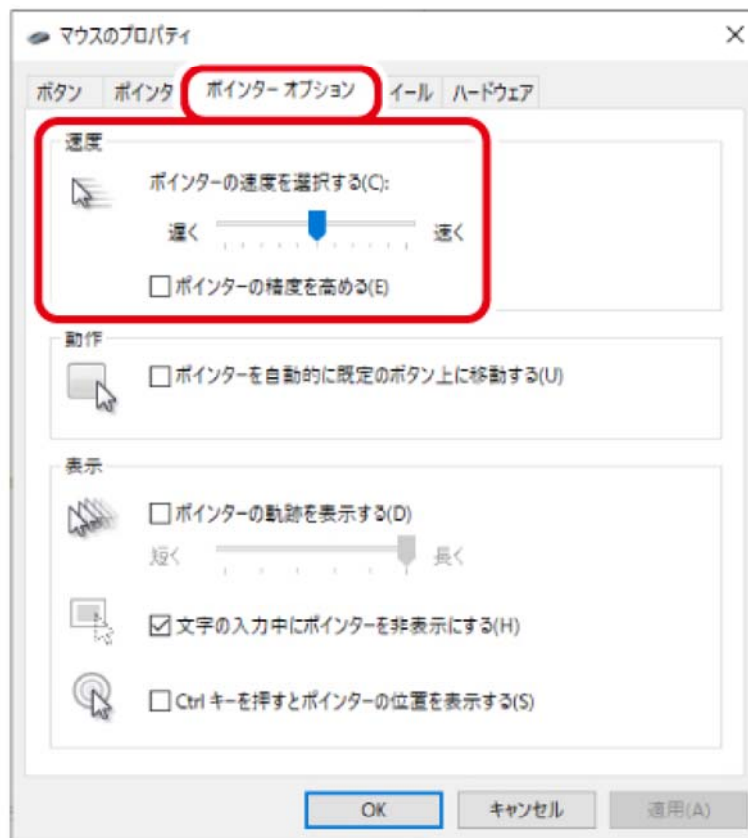
## ■ For Windows 10

### 1) Open “Mouse” properties.

From the start menu, select the Settings icon, select “Devices” → “Mouse”, then select “Additional mouse options” under “Related Settings”.

### 2) Select the “Pointer Options” tab.

3) Adjust the “Select a pointer speed” slider bar to adjust the mouse pointer movement speed.



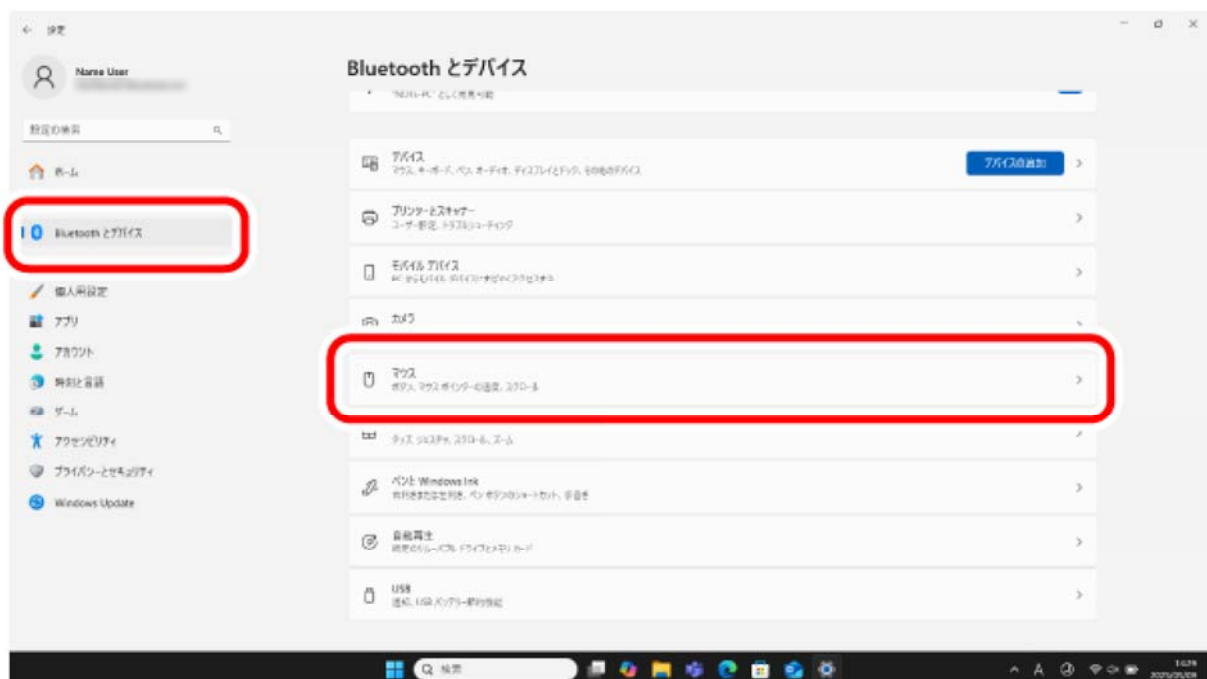
## Change the number of lines scrolled in one wheel turn

### ■ For Windows 11

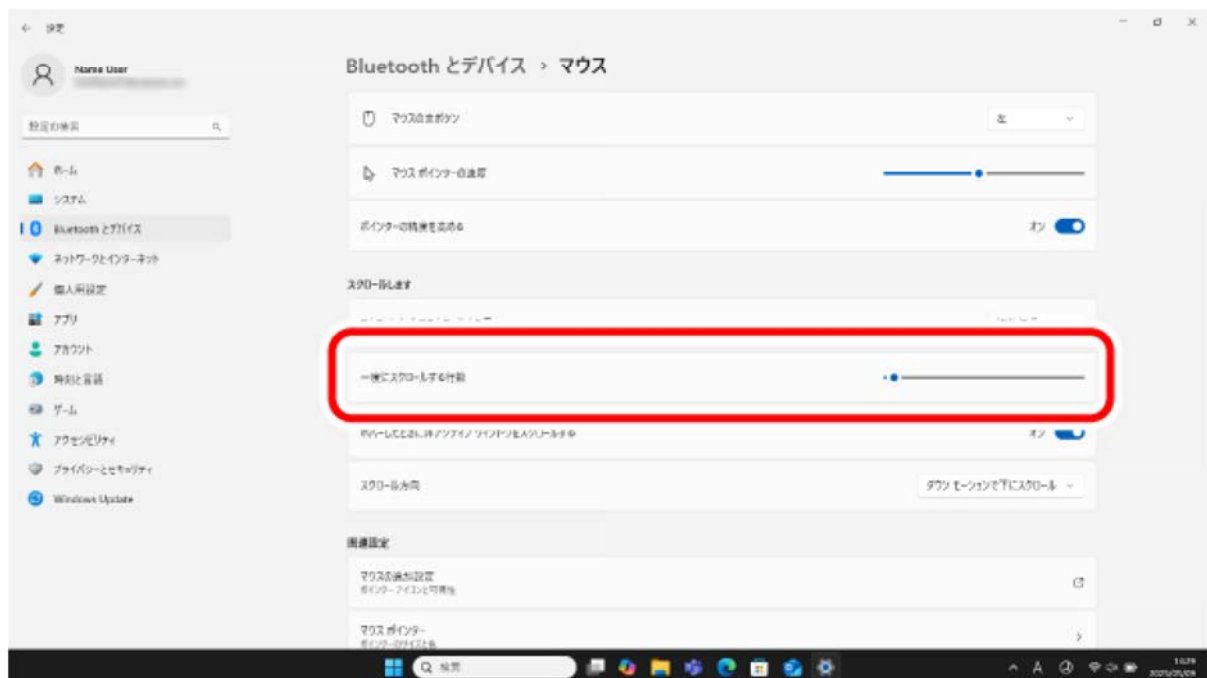
1) Click on "Start" on the bottom of the screen and select "Settings".

The "Settings" page appears.

2) Select "Bluetooth & devices" and then "Mouse".



3) Adjust the "Lines to scroll at a time" slider bar to adjust the number of lines per scroll.



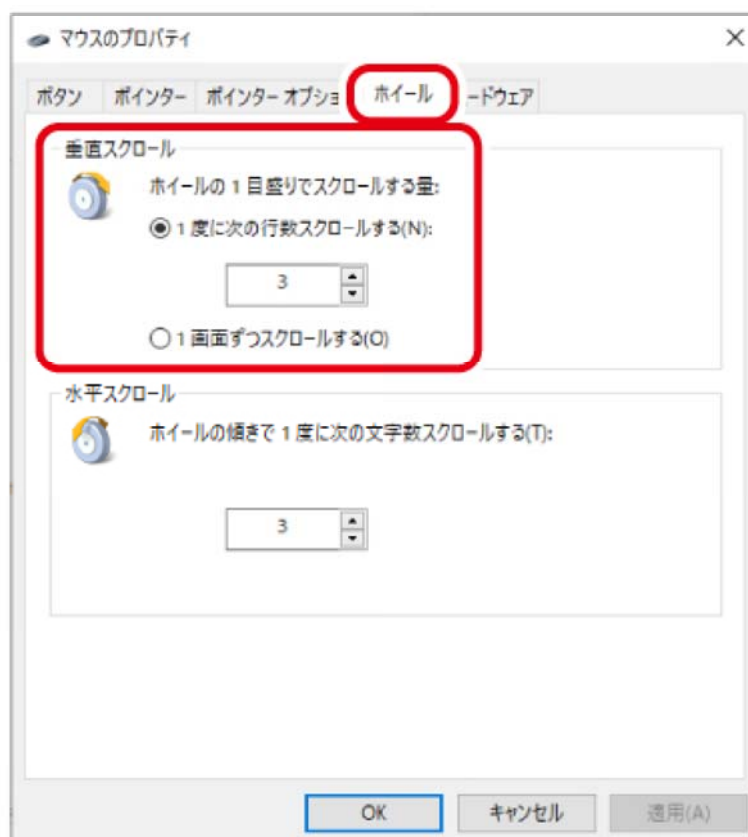
## ■ For Windows 10

### 1) Open "Mouse" properties.

From the start menu, select the Settings icon, select "Devices" → "Mouse", then select "Additional mouse options" under "Related Settings".

### 2) Select the "Wheel" tab.

3) Change the value of "The following number of lines at a time" under "Roll the wheel one notch to scroll".



## Change scroll direction

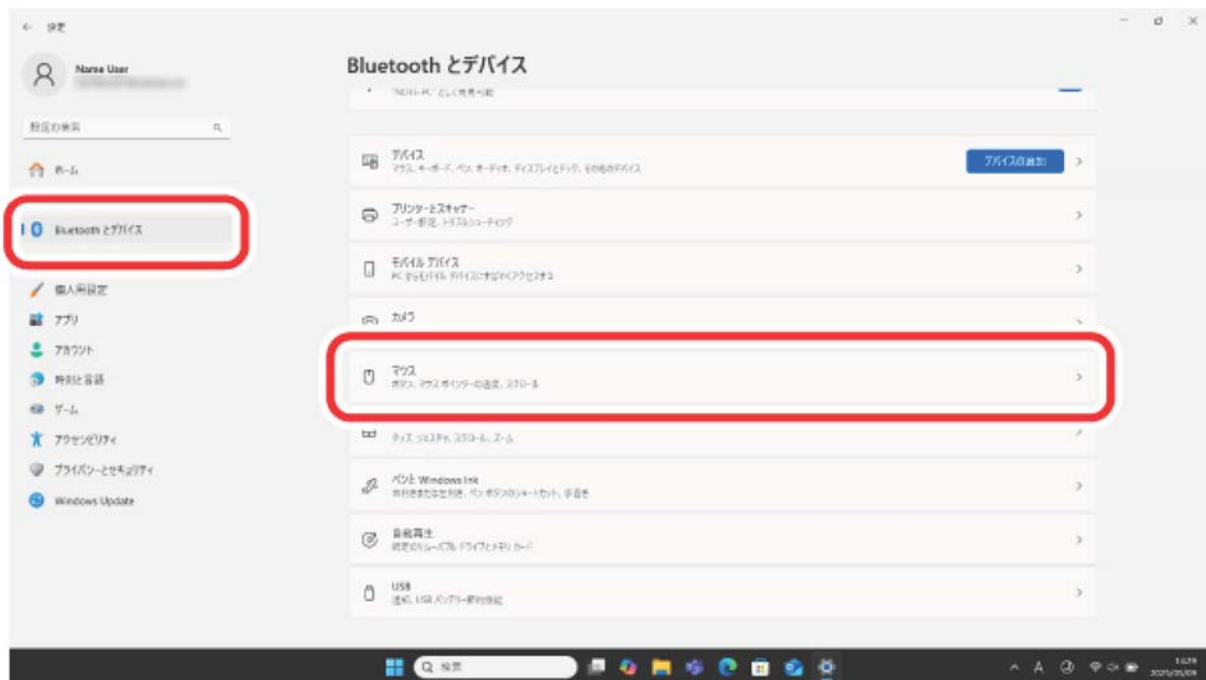
Change the scroll direction for when the scroll wheel on the mouse is moved.

### ■ For Windows 11

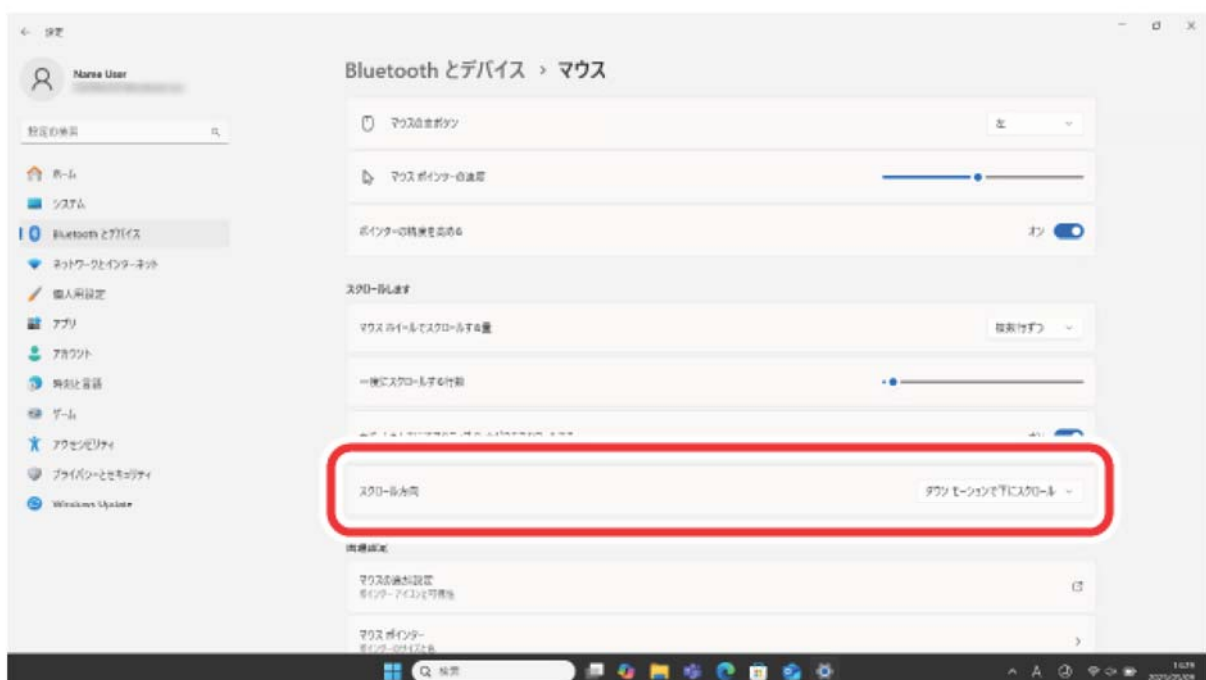
1) Click on “Start” on the bottom of the screen and select “Settings”.

The “Settings” page appears.

2) Select “Bluetooth & devices” and then “Mouse”.



3) Click “Scroll direction” to change the scroll direction.

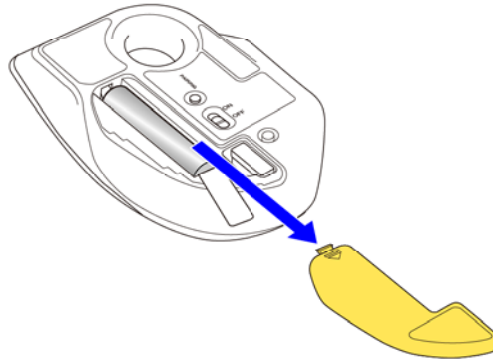


Select “Down motion scrolls up” to reverse the scroll direction when the scroll wheel is moved.

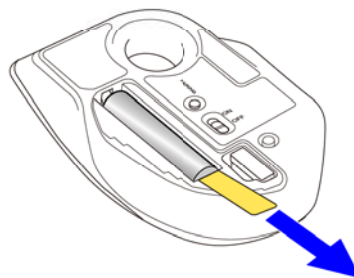
## Using Bluetooth connection

**1. Remove the battery insulating tab.**

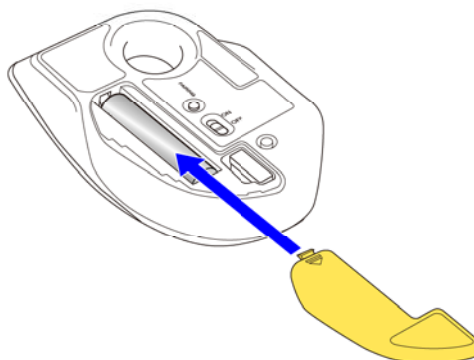
1) Remove the battery cover.



2) Remove the battery insulating tab.

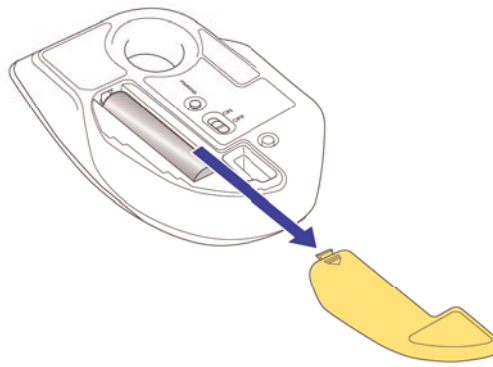


3) Put the battery cover back on.

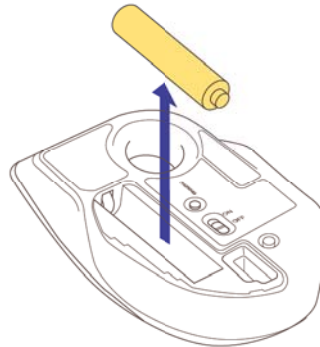


Replacing the battery...

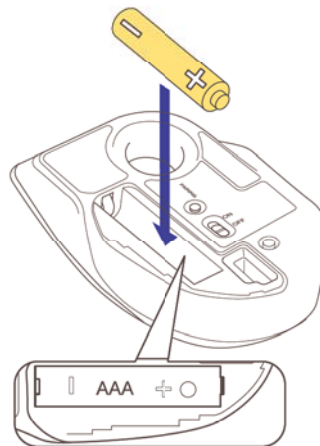
1) Remove the battery cover.



**2) Remove the old battery.**

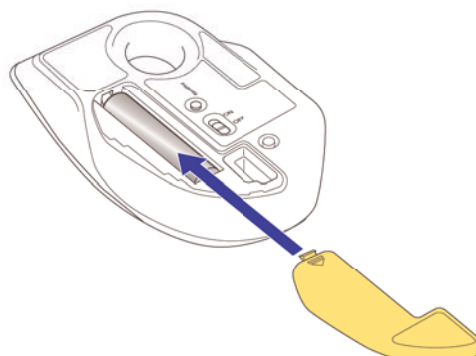


**3) Insert a new battery according to the instructions on the battery compartment.**



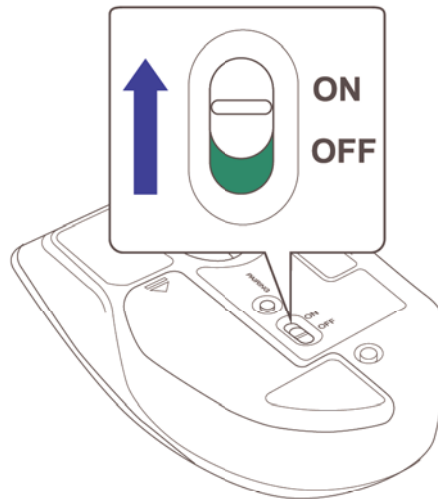
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

**4) Put the battery cover back on.**



## 2. Turn the power ON

1) Slide the power switch on the underside of the product to the ON position.



The area around the wheel lights up blue for 5 seconds.

\*When the battery is running low, the LED blinks white 10 times every second.

- **When turning on the power for the first time**

The device enters pairing mode, and the area around the wheel rapidly flashes blue. You can now pair it with your computer.

If you wish to pair, refer to Step 3 in "3. Pairing with a PC".



### Power-saving mode

When the trackball is left untouched for a fixed period of time while the power is ON, it automatically shifts to power-saving mode.

The trackball returns from power-saving mode when it is moved.

\*Trackball operation may be unstable for 2-3 seconds after returning from the power-saving mode.

## 3. Pairing with a PC

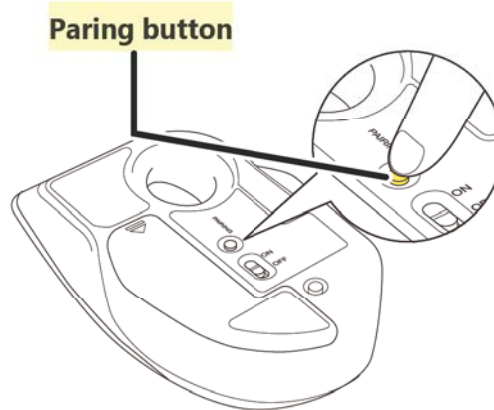
- Pairing involves registering Bluetooth devices (in this case, this product and your device) with each other, and authorizing a connection between them.
- This section covers macOS standard Bluetooth functions. Depending on your device or Bluetooth adaptor, unique Bluetooth functions may be used. Please read the respective manuals for each function.
- Use your current mouse or the touchpad on your device to operate your device until pairing is complete.
- The following instructions are for macOS Sequoia (15).

1) **Press the connection switch button. The area around the wheel lights up blue and the Bluetooth connection is selected.** T

The area around the wheel lights up blue for 5 seconds.

**2) Press and hold the pairing button on the bottom of the product for 3 seconds, then release it.**

The device enters pairing mode, and the area around the wheel rapidly flashes blue.



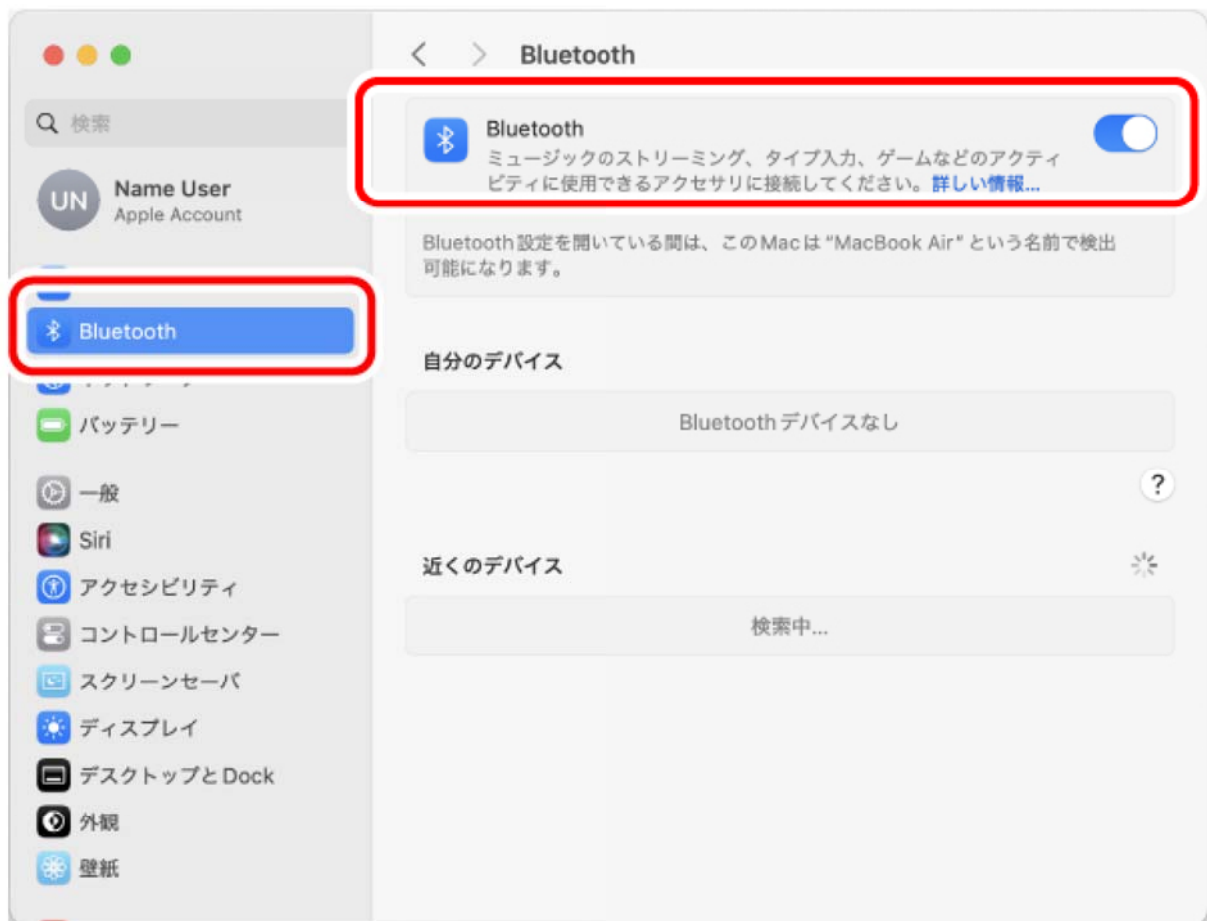
**3) From the Apple menu, click on "System Settings..."**

The "System Settings" page appears.



**4) Select "Bluetooth" to turn on "Bluetooth".**

The "Bluetooth" system settings page appears.



5) When "bitra" is detected under "Nearby Devices", click "Connect".

Pairing begins.

