Wireless Mouse

User Manual

Compliant model: MSH20M-3/MSH21M-3/ELECOM01B

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

* Screenshots will be replaced with English version when they are ready.
* XXX will be determined when they are fixed.

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 this product behaves abnormally, such as by generating heat or smoke, or giving off strange smells, cease usage immediately and shut down the connected device. After confirming that the product is not generating heat that will cause burns, remove the battery from the product. 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.

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

Malfunctioning is not covered under warranty.

Do not put this product in fire.

Breakage may cause fire or injury.

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, may 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 significantly be affected in the case of this product malfunctioning.
- When you no longer need to use this product and the battery, be sure to dispose of them in accordance with the local ordinances and laws of your area.

Battery

CAUTION

Please use either an AA alkaline battery, an AA manganese battery or an AA nickel-metal hydride rechargeable battery.

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 the body of this product becomes dirty, wipe it with a soft, dry cloth.

Using a volatile liquid such as paint thinner, benzene or alcohol may affect the material quality and/or discolor this product.

Please note the following for disinfection.

Gently soak a cleaning cloth, such as a microfiber cloth, in the disinfectant solution. Make sure 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.

Not doing so can cause malfunctions.

Do not use organic solvents or ultraviolet lights.

Usage can result in deterioration of the housing components or paints, which can cause damage to the exterior.

We recommend using disposable gloves.

When using any alcohol-based products, please check that it is appropriate for the specific purpose and that it is used properly.

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.

We recommend that you disinfect your hands before and after using PCs and peripheral devices that are used by multiple people in order to prevent the spread of infection through the equipment.

Please ensure to 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 power outlet.

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”*, move this product to 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 in equipment which may cause serious effects due to it 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 mouse in aircraft is prohibited by the Civil Aeronautics Act. Turn off the power of the wireless mouse 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 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.

- **Mouse × 1**
- **Receiver unit x 1**

At the time of shipment, it is stored in the mouse. Please remove before use.

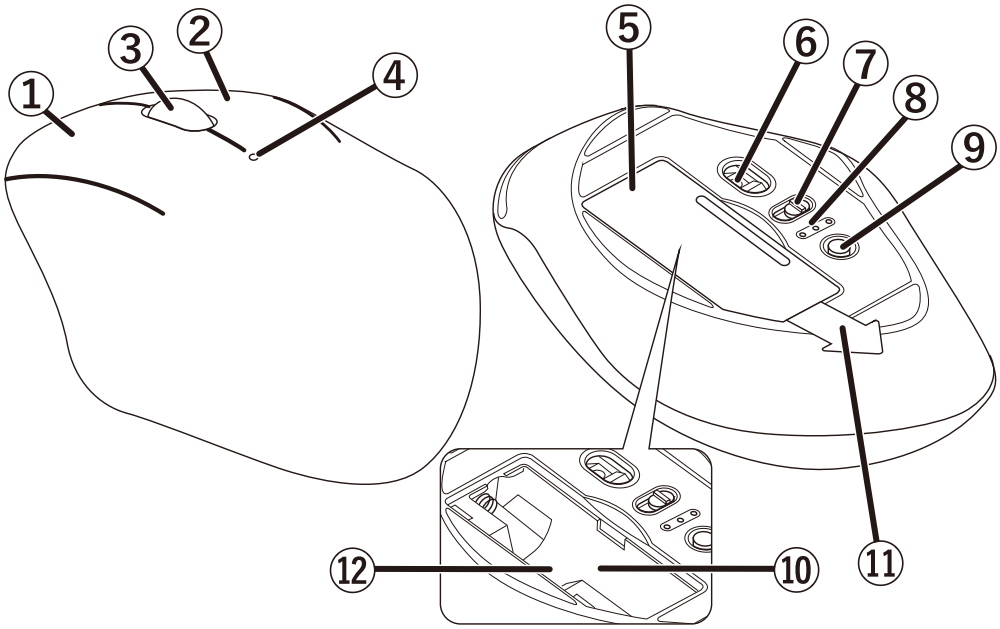
- **AA alkaline battery for confirming operability × 1**

It is pre-inserted in the mouse body. Please remove the battery insulating pull tab before use.

Name and function of each part

* This manual uses illustrations of the "MSH20M-3, MSH21M-3" series for explanation.

■Mouse



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 **LED light**

- The status light will light up for a period of time when the mouse is switched ON.
- The LED will blink during use when the battery level is low.

> The color of the LED light changes depending on the device to which it is connected.
> Bluetooth connection: Blue
> Wireless connection: White
> At the time of purchase, the mouse is set to Wireless connection: white.

⑤ **Battery cover**

Remove this cover and insert the battery.

⑥ **Optical sensor**

The LED light will light up blue when the power is on.

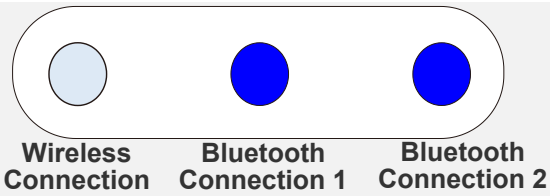
This sensor will detect mouse movements when you move the mouse.

* Please note that looking directly into the sensor light may hurt your eyes.

⑦ **Power switch**

Turn the mouse power on (ON) and off (OFF).

⑧ **Status light**



- The status light will light up when the CONNECT button is selected.
- During pairing standby state, the status light will blink.
- The LED will light up for a period of time when the mouse is switched ON.
- The LED will blink during use when the battery level is low.

> Bluetooth connection 1 and Bluetooth connection 2: blue
> Wireless connection: White

⑨ CONNECT button

- Pair this product with your PC's Bluetooth module or a Bluetooth adapter.
- Use this to switch between devices connected to this product.

  Please refer to "Switch connected device".

⑩ Battery storage compartment

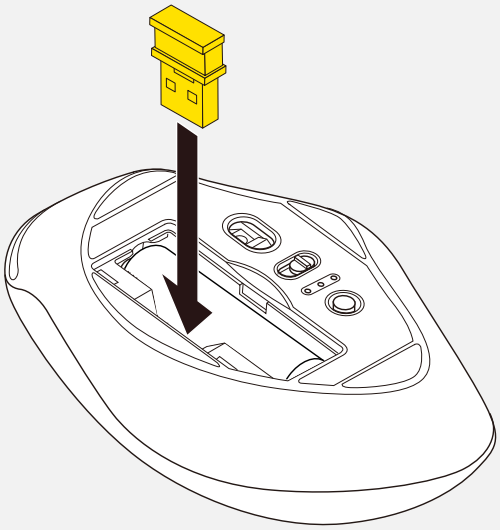
Holds the battery.

⑪ Battery insulating tab

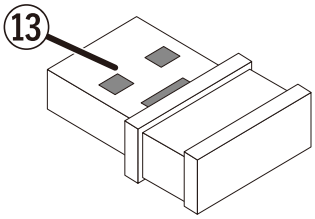
Remove this tab before using.

⑫ Receiver unit storage compartment

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



■Receiver unit



⑬ USB connector (male)

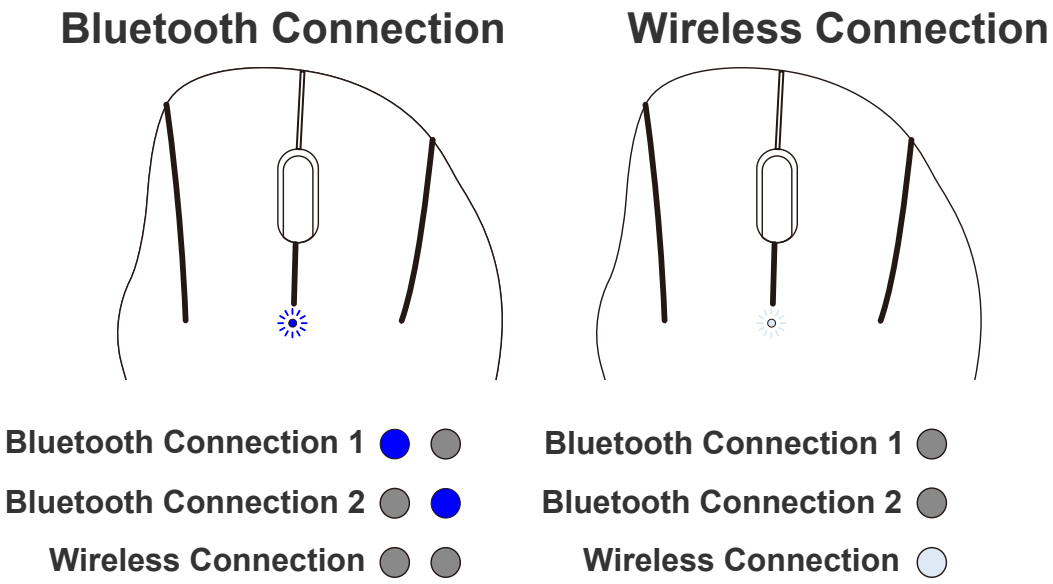
Connects to the PC USB-A port.

Switch connected device

This product can be used to switch between a Bluetooth device and a wirelessly connected device.
Switch between connected devices in the following way.

1) Press the CONNECT button to switch between connected devices.

When the connection destination is Bluetooth connection 1 or Bluetooth connection 2, the LED lights up blue, and when it is on wireless connection, the LED lights up white.



When paired with either Bluetooth connection 1 or Bluetooth connection 2, the existing connection will be cut off when you switch to the unpaired channel.
Switching back to the channel paired with a connected device will restore the connection.

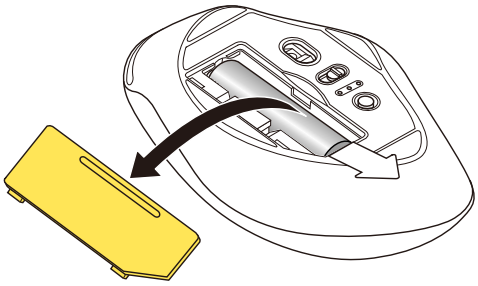
To pair, please refer to “How to use” → “Connecting and setting up the mouse” → (OS specific) → “3. Pair with PC”.

Connecting and setting up the mouse

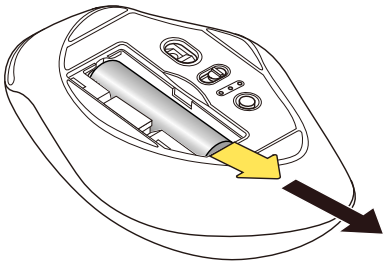
Windows®

1. Remove the battery insulating tab.

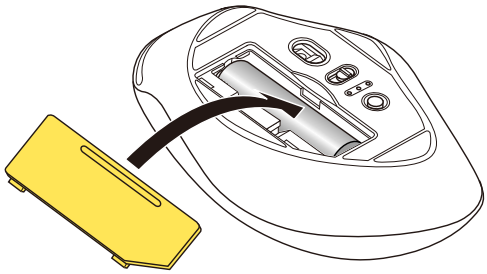
1) Remove the battery cover.



2) Remove the battery insulating tab.

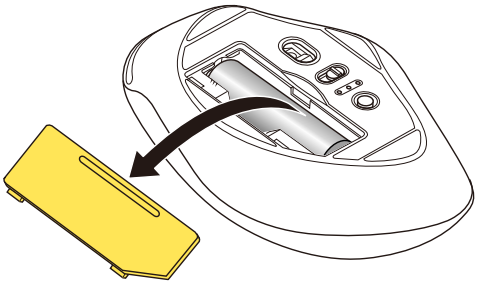


3) Put the battery cover back on.

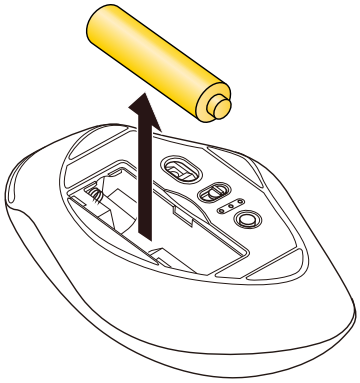


Replacing the battery...

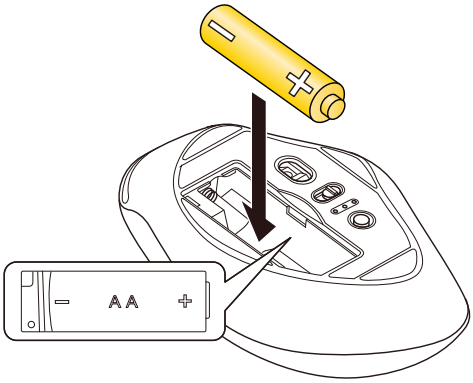
1) Remove the battery cover.



2) Remove the battery.

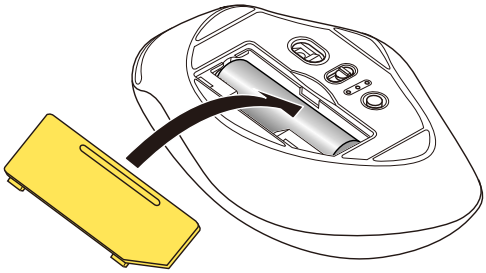


3) Insert the battery according to the positive (+) and negative (-) marks indicated in the battery compartment.



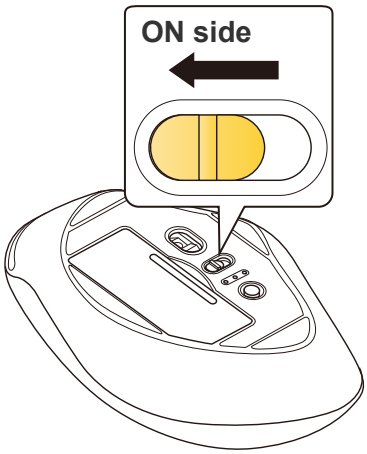
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

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 LED light will light up for a period of time.

* When the battery level is running low, the LED light will blink for a period of time.

Power-saving mode

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

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

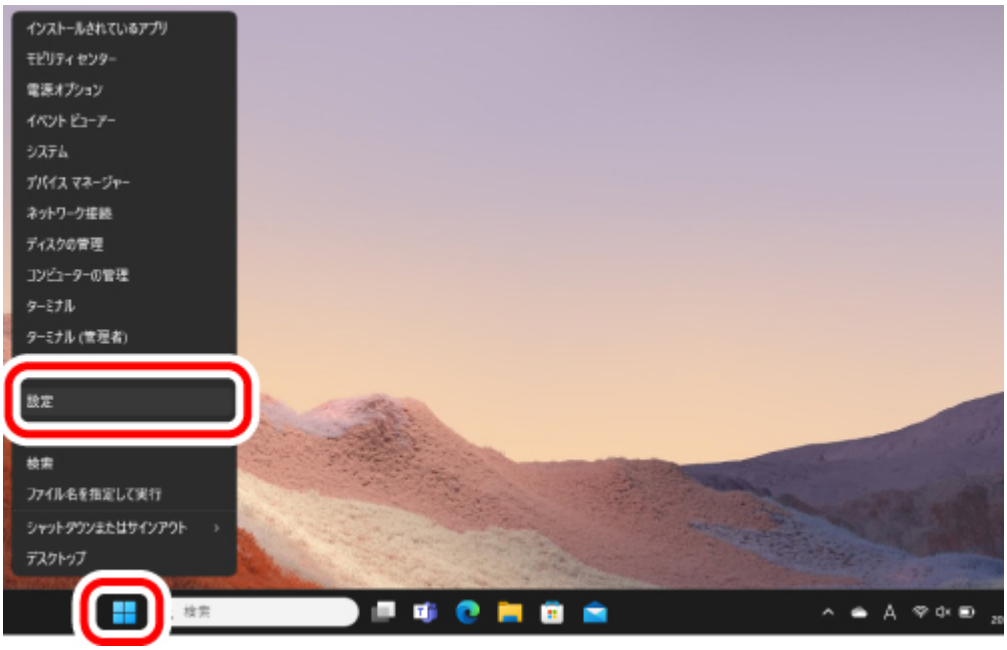
* Mouse operation may be unstable for 2-3 seconds after returning from the power-saving mode.

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 Windows standard Bluetooth functions. Depending on your device or Bluetooth adaptor, 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 (23H2).

1) Right click on “Start” on the bottom of the screen and then, click on “Settings”.

The “Settings” page will appear.



2) Under "Home", click "Add Device" under "Bluetooth Devices".

The “Add Devices” page will appear.

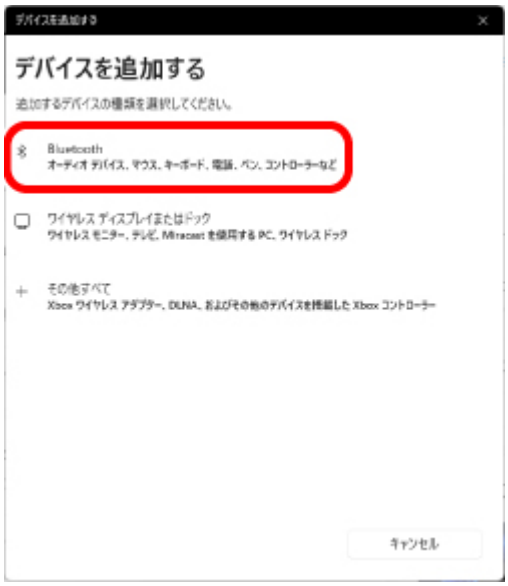
If “Bluetooth” is off, turn it on.

3) Use the CONNECT button to select the device you want to connect to (Bluetooth connection 1 or Bluetooth connection 2).

The LED light and the status light will light up blue for 3 seconds.

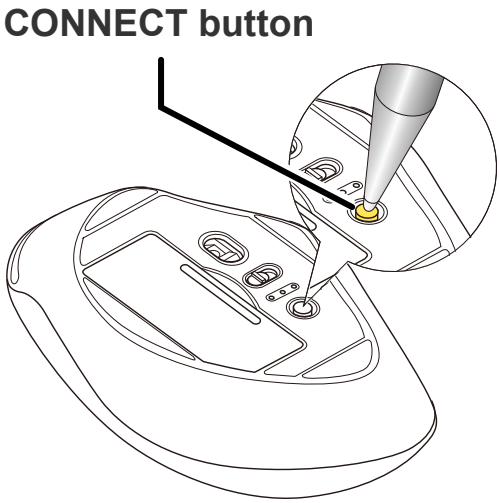
- Please refer to "Switch connected device" to switch between connected devices.
- The selected connected Bluetooth device will be registered under your paired devices.

4) Click "Bluetooth".



5) When the add device screen is displayed, hold down the CONNECT button on the underside for 3 seconds and then release.

Pairing mode will be activated and the status light will blink blue.



6) Click on “ELECOM shellpha”.

Pairing begins.

7) “Your device is ready to go!”When the status changes to “XX”, click on “Complete”.

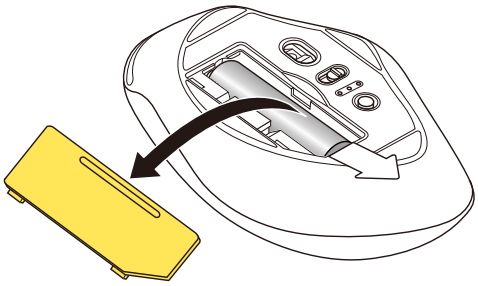
8) Pairing is complete when this product is added to “Bluetooth Devices” and the status is “Connected”.

You can now use the mouse.

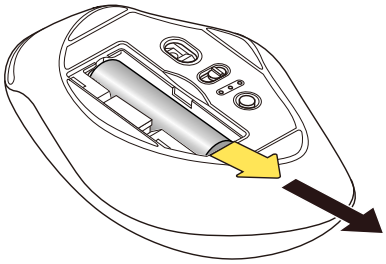
Using wireless connection

1. Remove the battery insulating tab.

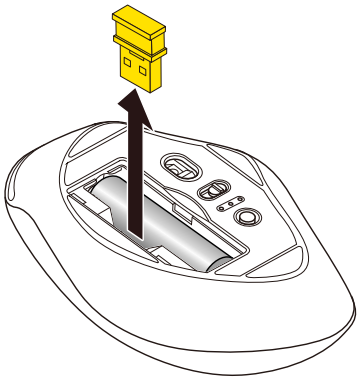
1) Remove the battery cover.



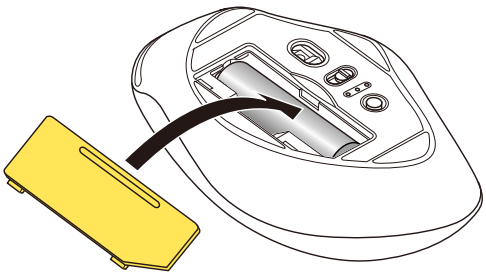
2) Remove the battery insulating tab.



3) Remove the receiver unit.



4) Put the battery cover back on.



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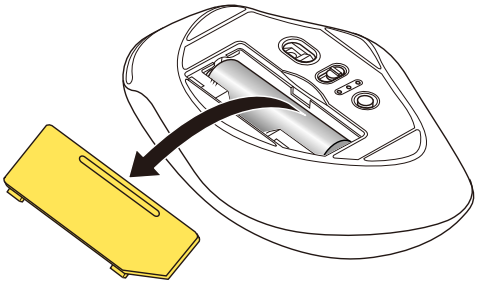
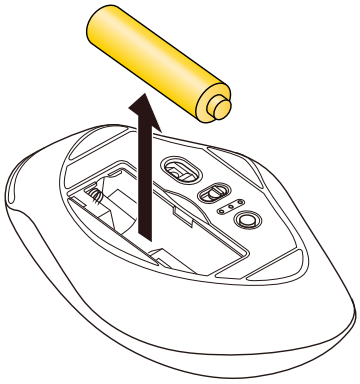
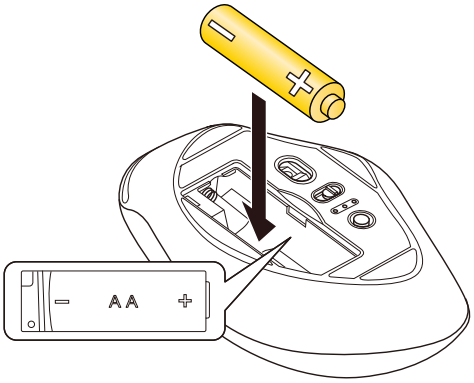


2) Remove the battery.

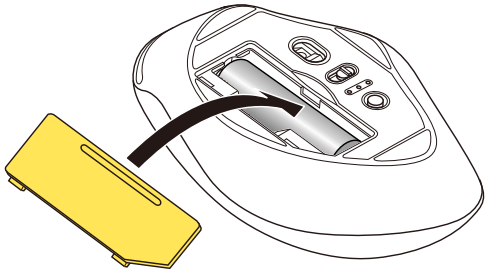


3) Insert the battery according to the positive (+) and negative (-) marks indicated in the battery compartment.



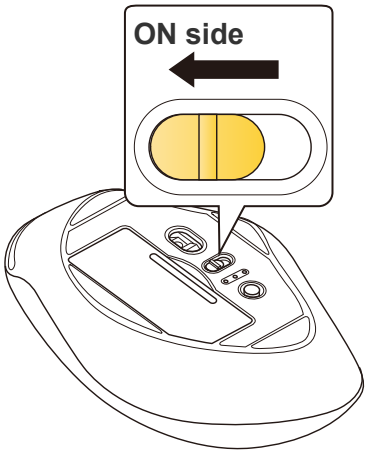
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

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 LED light will light up for a period of time.

* When the battery level is running low, the LED light will blink for a period of time.

Power-saving mode

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

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

* Mouse 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.

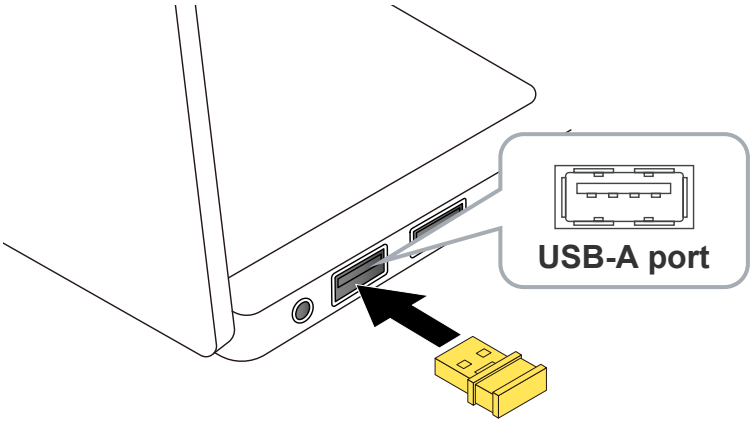
Please wait until the PC has started up and can be operated.

2) Using the CONNECT button, select the device you want to connect to (wireless connection).

The LED light and the status light will light up white for 3 seconds.

Please refer to "Switch connected device" to switch between connected devices.

3) 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.

4) The driver will be automatically installed, and you will then be able to use the mouse.

You can now use the mouse.

Change the mouse pointer speed

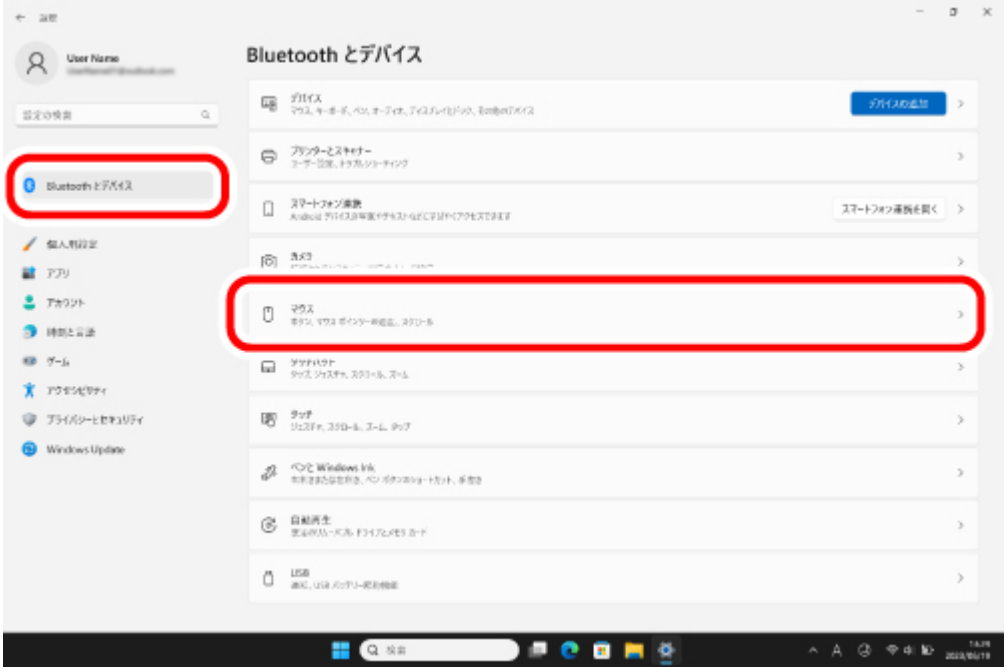
Adjust the mouse pointer movement speed on your PC if the mouse pointer moves too fast or too slow.

■ For Windows 11

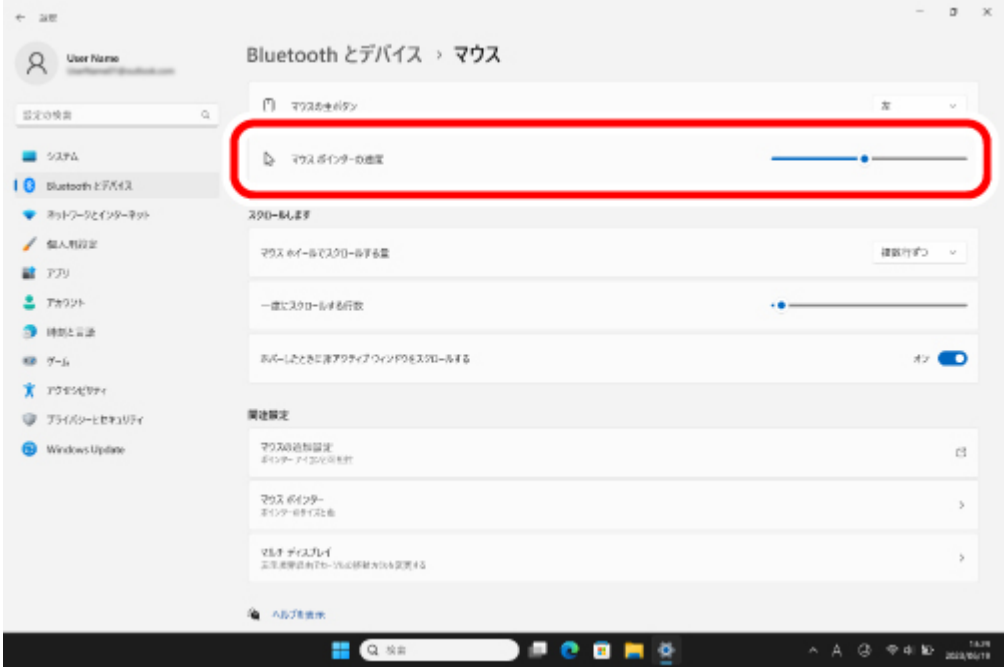
1) Click on "Start" on the bottom of the screen and click on "Settings".

The “Settings” page will appear.

2) Click on “Bluetooth & devices” and then “Mouse”.



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



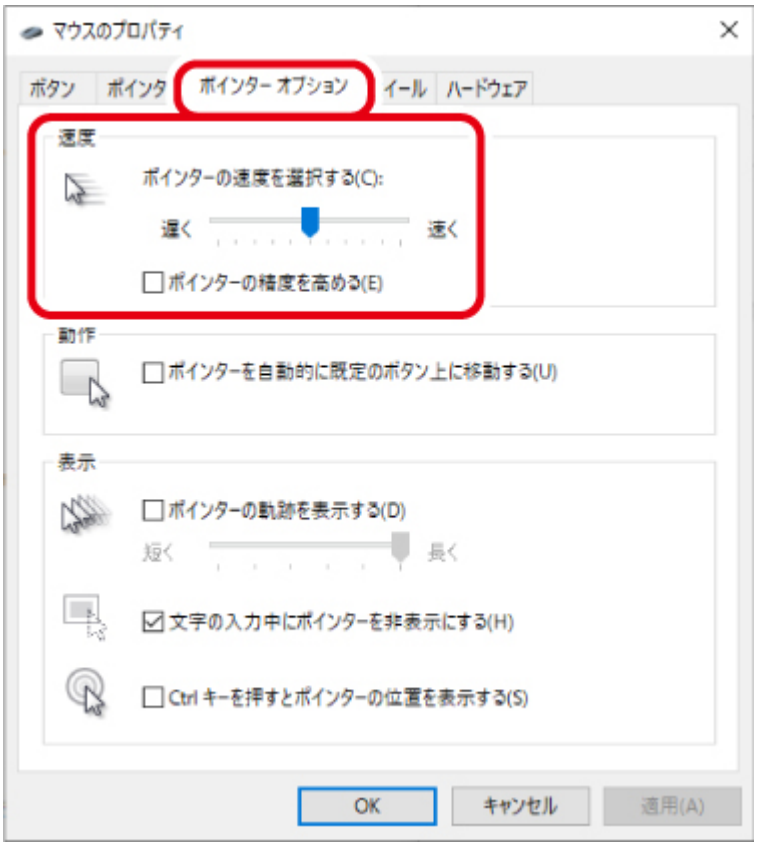
■ For Windows 10

1) Open “Mouse” properties.

From the start menu, click the Settings icon, select “Devices” → “Mouse”, then click “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.



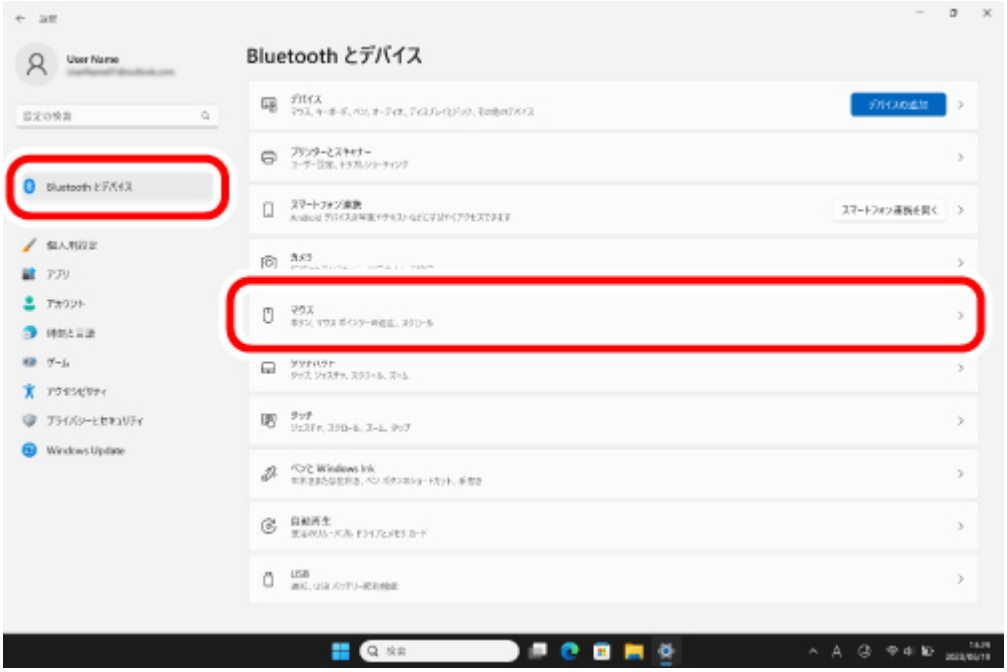
Change the number of lines scrolled in one wheel turn

■ For Windows 11

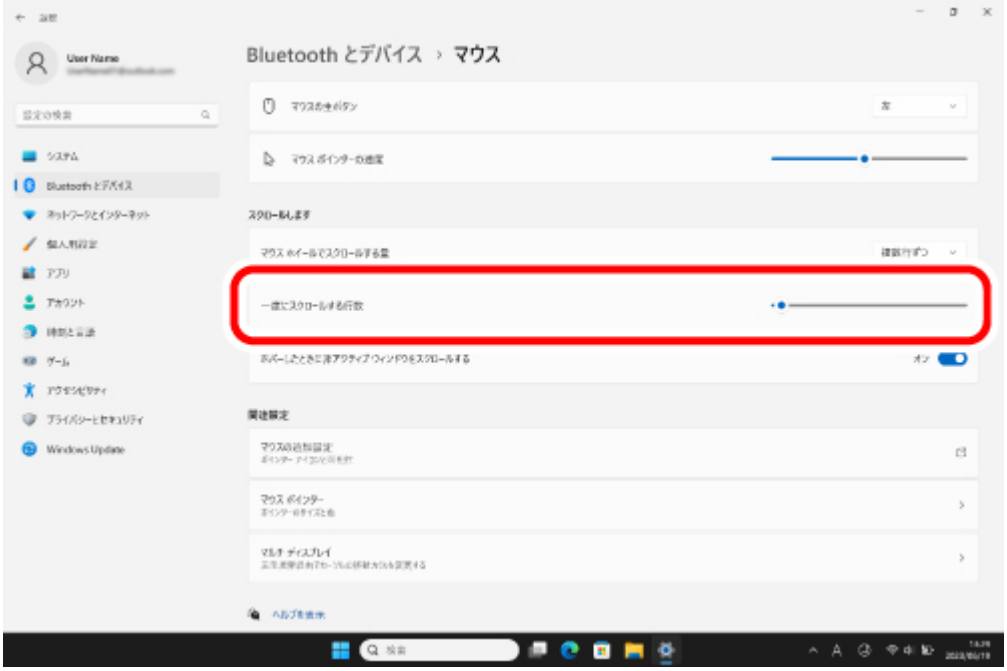
1) Click on “Start” on the bottom of the screen and click on “Settings”.

The “Settings” page will appear.

2) Click on “Bluetooth & devices” and then “Mouse”.



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



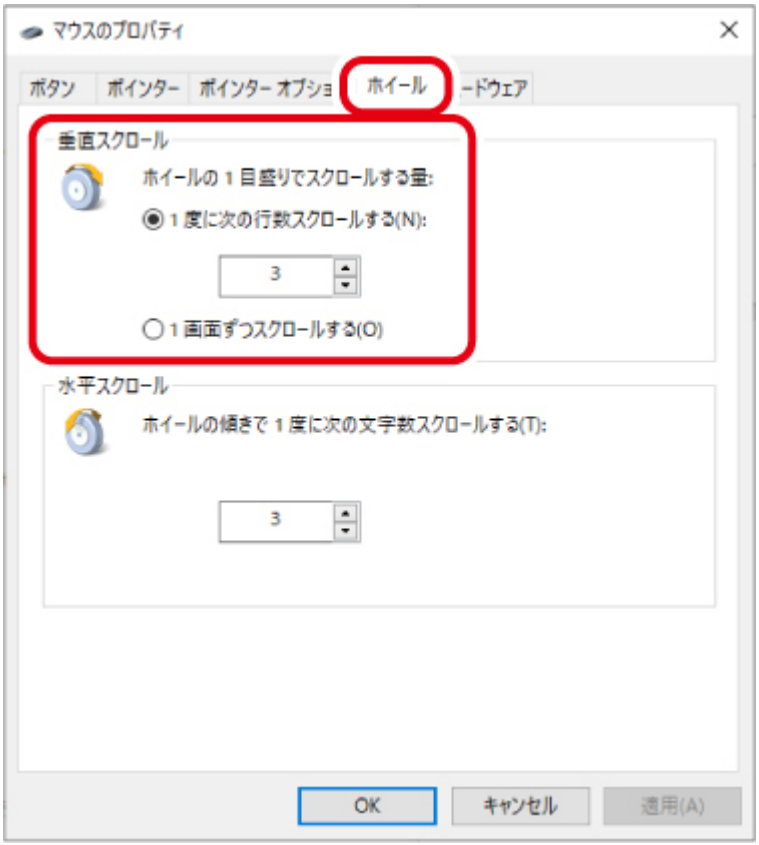
■ For Windows 10

1) Open “Mouse” properties.

From the start menu, click the Settings icon, select “Devices” → “Mouse”, then click “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”

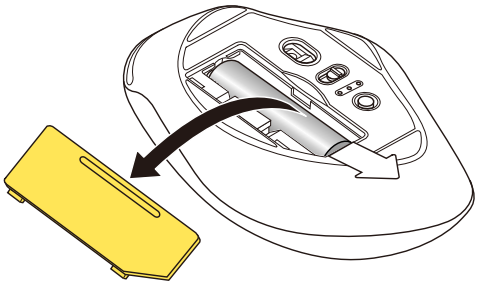


Mac

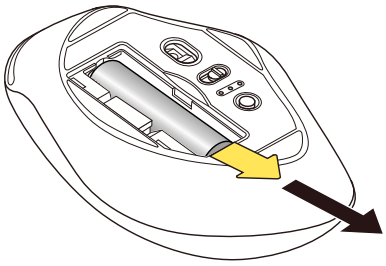
Using Bluetooth connection

1. Remove the battery insulating tab.

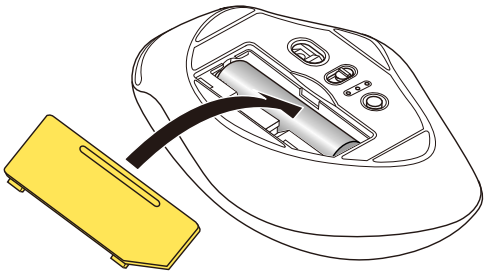
1) Remove the battery cover.



2) Remove the battery insulating tab.

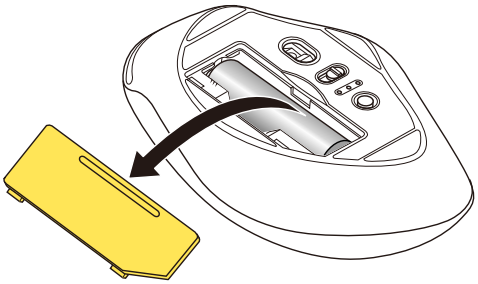


3) Put the battery cover back on.

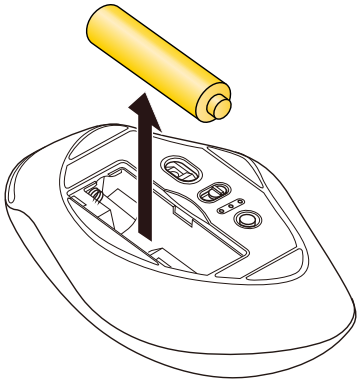


Replacing the battery...

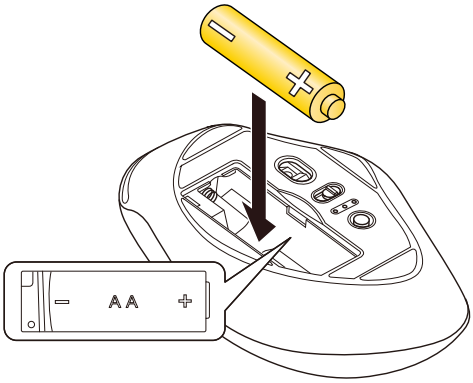
1) Remove the battery cover.



2) Remove the battery.

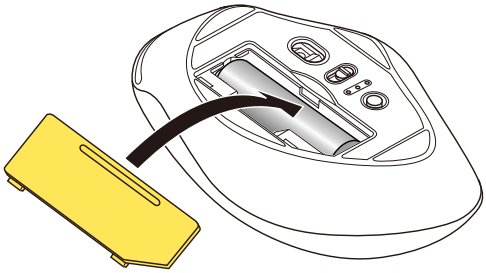


3) Insert the battery according to the positive (+) and negative (-) marks indicated in the battery compartment.



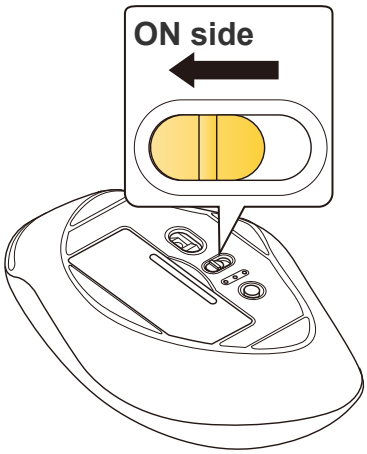
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

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 LED light will light up for a period of time.

* When the battery level is running low, the LED light will blink for a period of time.

Power-saving mode

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

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

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

3. Pairing with a PC

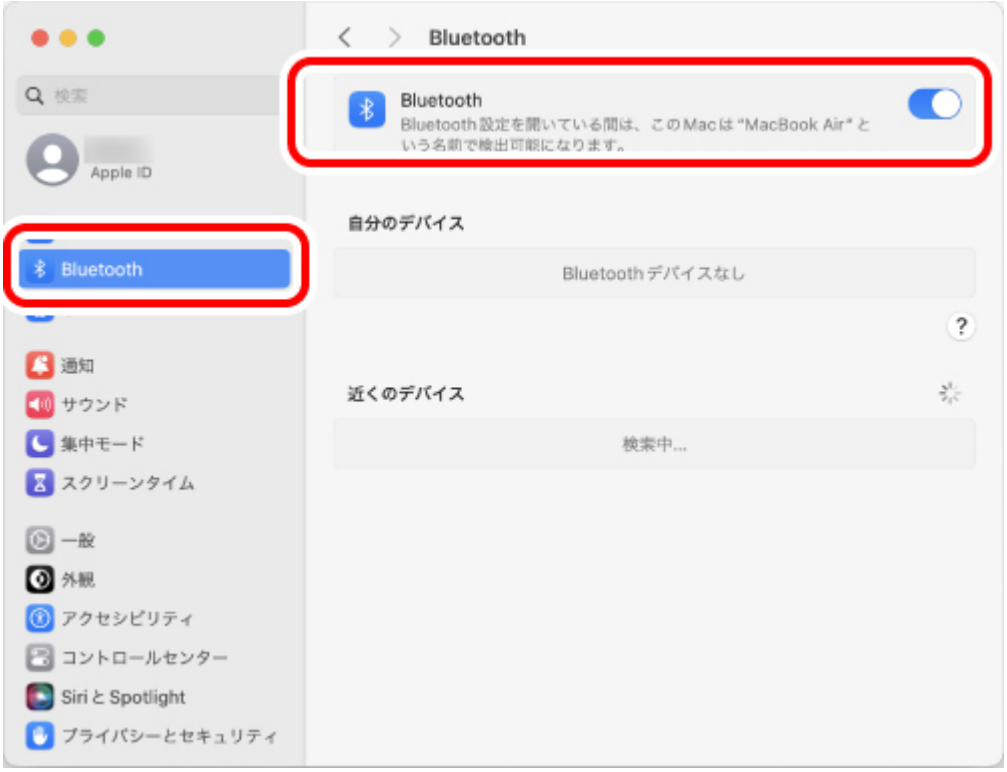
- Pairing involves registering Bluetooth devices (in this case, this product and your device) with each other, and authorizing a connection between them.
- This section covers macOS standard Bluetooth functions. Depending on your device or Bluetooth adaptor, unique Bluetooth functions may be used. Please 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 Sonoma (14).

1) From the Apple menu, click on “System Settings...”Click on XX.

The System Settings window will appear.

2) Click on “Bluetooth” to turn on “Bluetooth”.

The “Bluetooth” system settings page will appear.



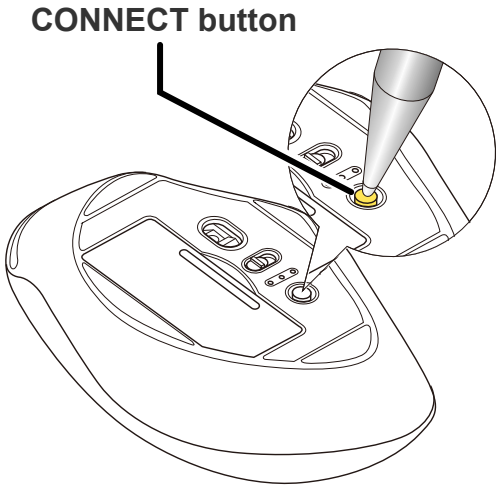
3) Use the CONNECT button to select the device you want to connect to (Bluetooth connection 1 or Bluetooth connection 2).

The LED light and the status light will light up blue for 3 seconds.

- Please refer to “Switch connected device” to switch between connected devices.
- The selected connected Bluetooth device will be registered under your paired devices.

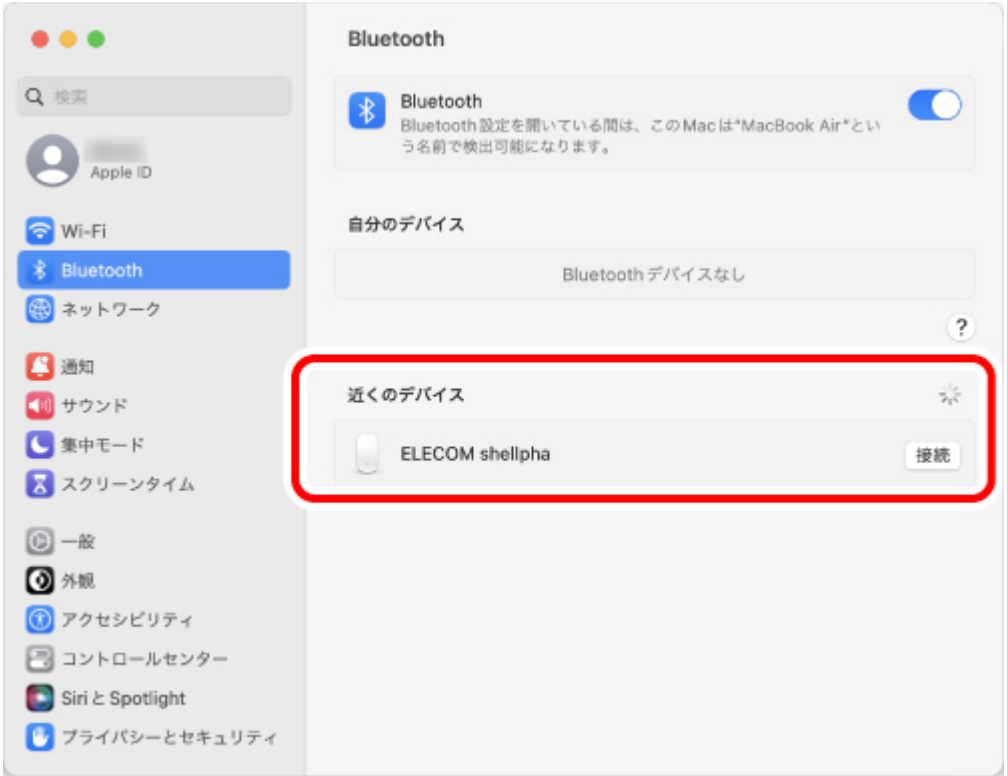
4) During the device search, hold down the CONNECT button on the underside for 3 seconds and then release.

Pairing mode will be activated and the status light will blink blue.

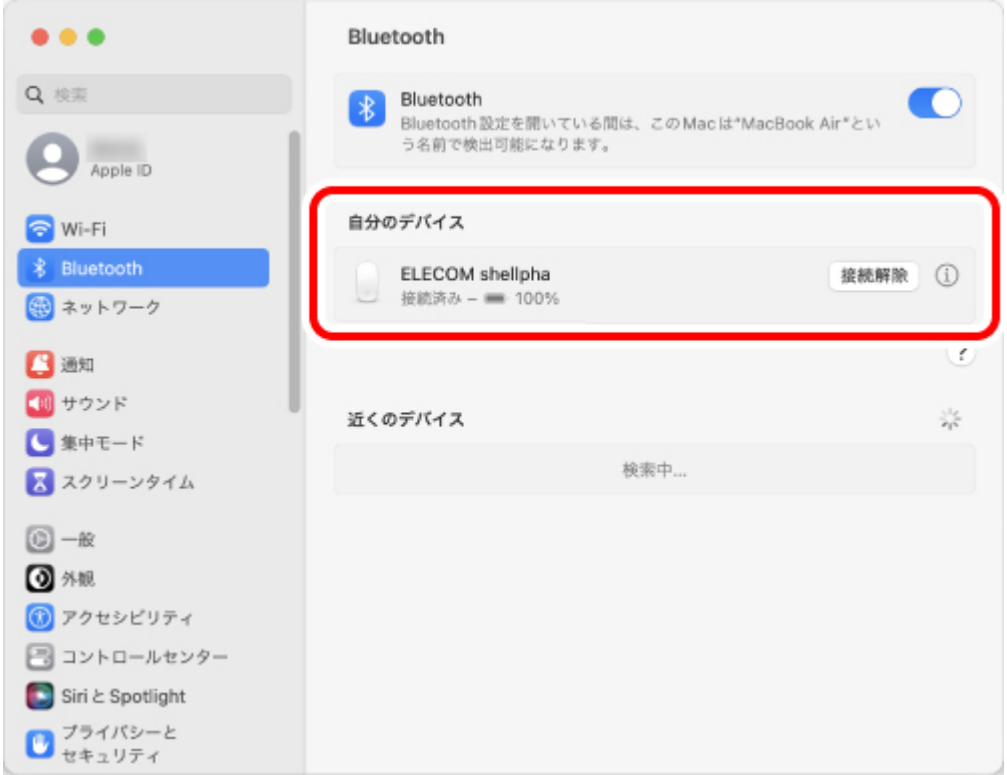


5) When "ELECOM shellpha" is detected under "Nearby Devices", click “Connect”.

Pairing begins.



6) Pairing is complete when the status of “ELECOM shellpha” changes to “Connected”.



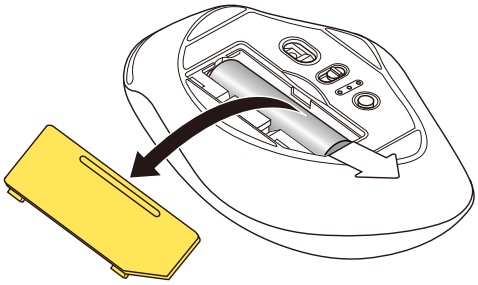
You can now use the mouse.

By downloading and installing the "ELECOM Mouse Assistant" from our company website, functions such as button assignment function and presentation mode can be used. Please proceed to “Install ELECOM Mouse Assistant”.

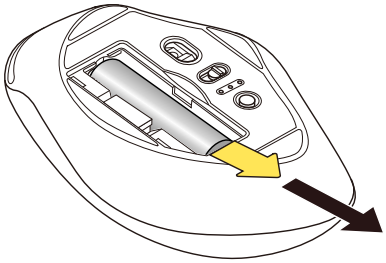
Using wireless connection

1. Remove the battery insulating tab.

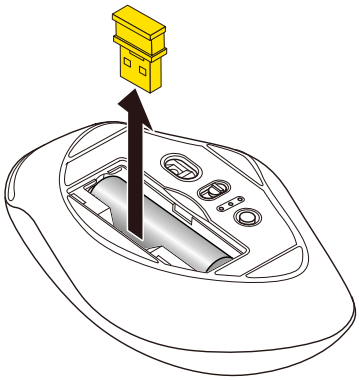
1) Remove the battery cover.



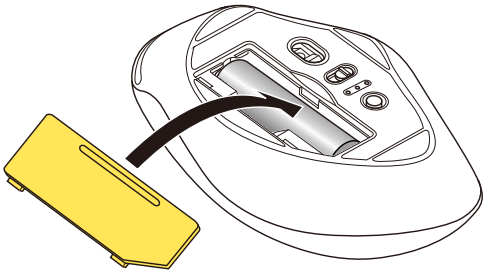
2) Remove the battery insulating tab.



3) Remove the receiver unit.

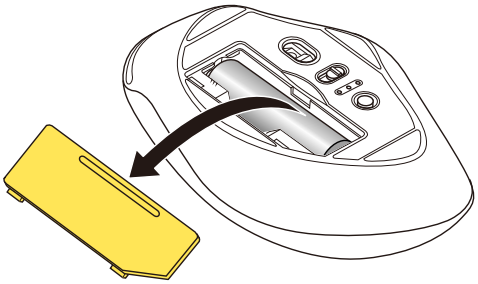


4) Put the battery cover back on.

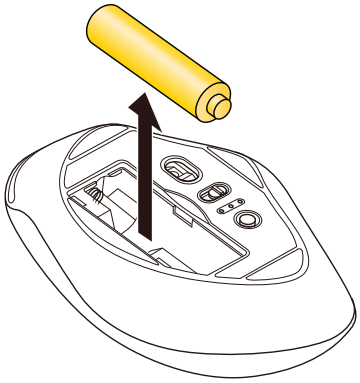


Replacing the battery...

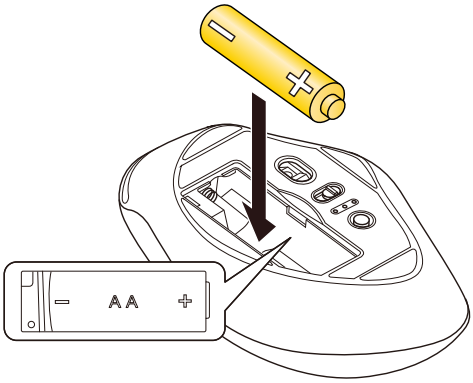
1) Remove the battery cover.



2) Remove the battery.

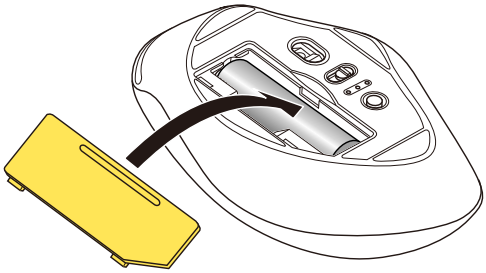


3) Insert the battery according to the positive (+) and negative (-) marks indicated in the battery compartment.



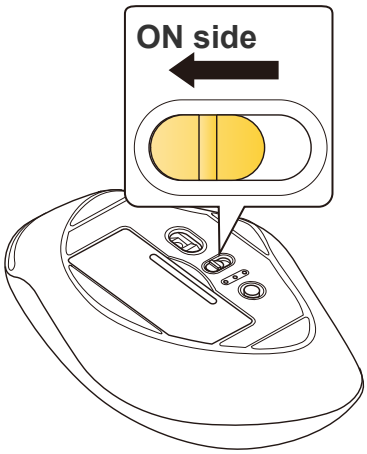
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

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 LED light will light up for a period of time.

* When the battery level is running low, the LED light will blink for a period of time.

Power-saving mode

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

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

* Mouse 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.

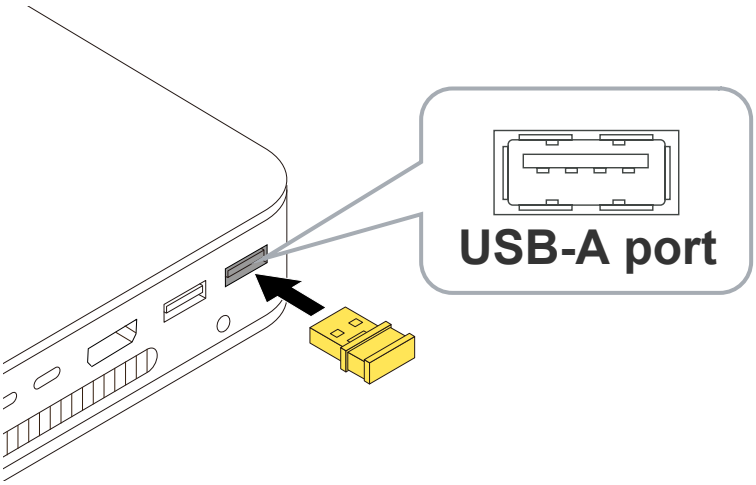
Please wait until the PC has started up and can be operated.

2) Using the CONNECT button, select the device you want to connect to (wireless connection).

The LED light and the status light will light up white for 3 seconds.

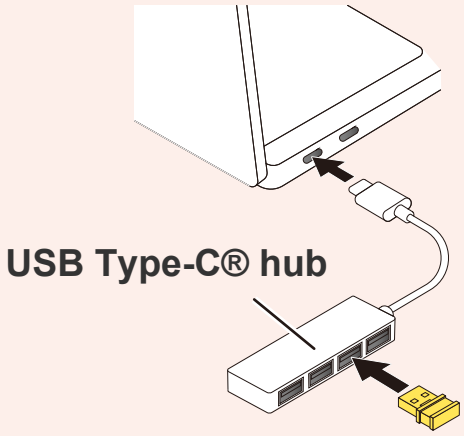
Please refer to "Switch connected device" to switch between connected devices.

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



You may use any USB-A port.

- For terminals that do not have a USB-A port, such as a MacBook, use the USB Type-C® hub.



- 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.

4) The driver will be automatically installed, and you will then be able to use the mouse.

You can now use the mouse.

By downloading and installing the "ELECOM Mouse Assistant" from our company website, functions such as button assignment function and presentation mode can be used. Please proceed to “Install ELECOM Mouse Assistant”.

Change the mouse pointer speed

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

1) Click “Mouse” under “System Settings”.

The “Mouse” settings page will load up.

2) Adjust the "Tracking speed" slider to adjust the speed of the mouse pointer.

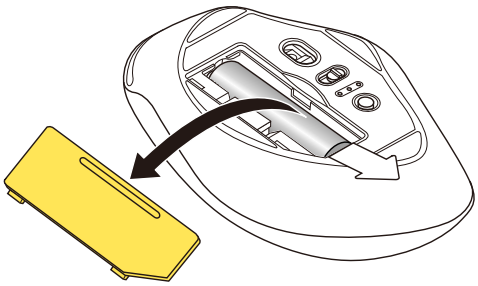
Unchecking "Natural scrolling" will cause the scroll direction to be reversed.

iPhone, iPad

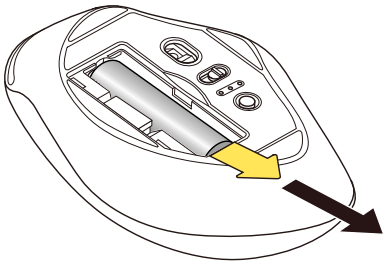
Using Bluetooth connection

1. Remove the battery insulating tab.

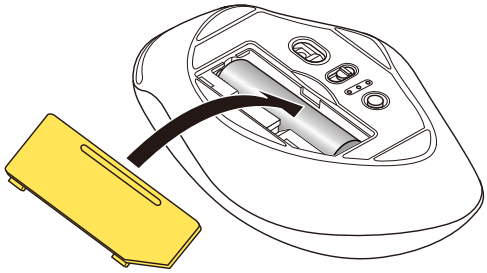
1) Remove the battery cover.



2) Remove the battery insulating tab.

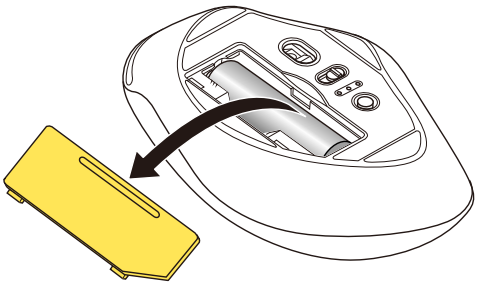


3) Put the battery cover back on.

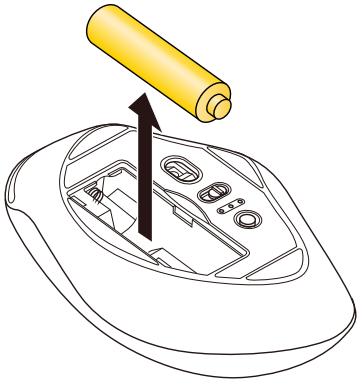


Replacing the battery...

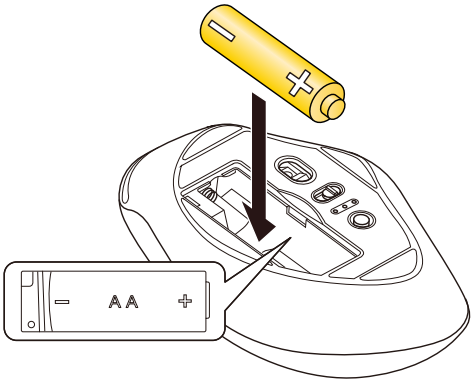
1) Remove the battery cover.



2) Remove the battery.

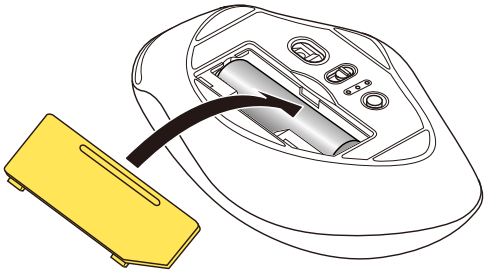


3) Insert the battery according to the positive (+) and negative (-) marks indicated in the battery compartment.



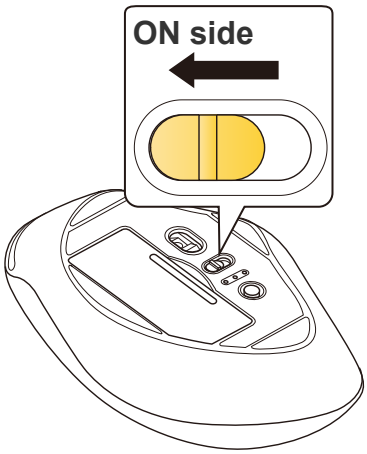
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

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 LED light will light up for a period of time.

* When the battery level is running low, the LED light will blink for a period of time.

Power-saving mode

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

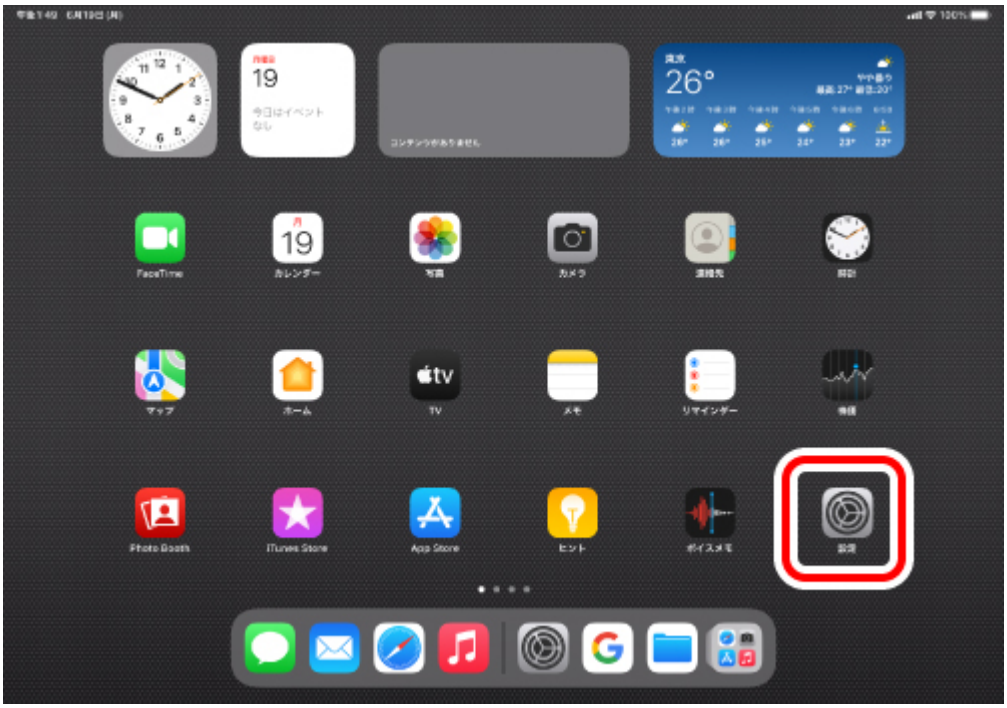
The mouse returns from power-saving mode when it is moved.

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

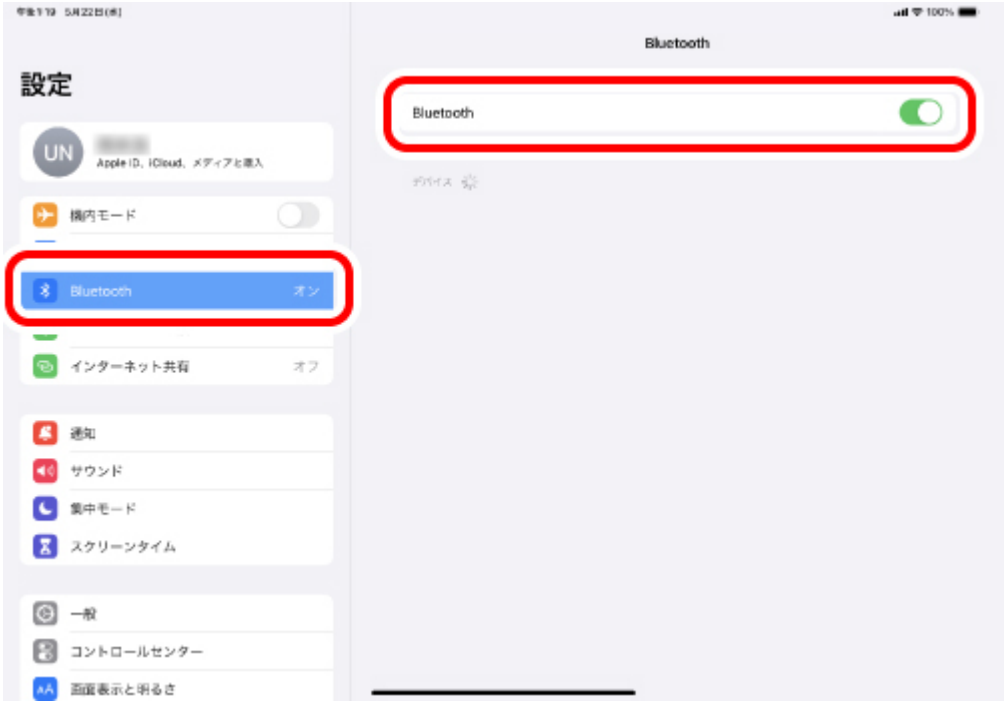
3. Pairing with an iPad or an iPhone

- Pairing involves registering Bluetooth devices (in this case, this product and an iPad or an iPhone) with each other, and authorizing a connection between them.
- Tap to operate the iPad or iPhone device until pairing is complete.
- The following instructions are for iPadOS Ver.16.5.

1) Tap on “Settings” from the home page.



2) Tap on “Bluetooth” to turn on the “Bluetooth”.



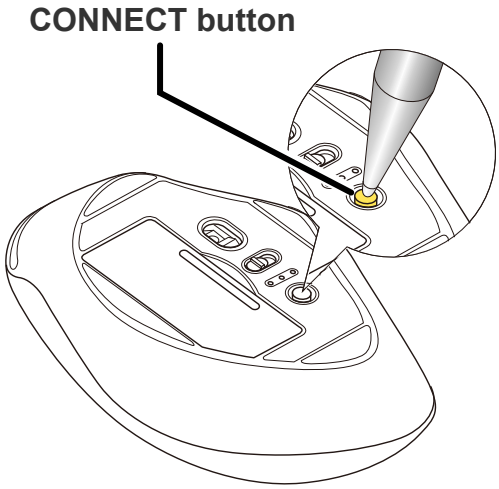
3) Use the CONNECT button to select the device you want to connect to (Bluetooth connection 1 or Bluetooth connection 2).

The LED light and the status light will light up blue for 3 seconds.

- Please refer to “Switch connected device” to switch between connected devices.
- The selected connected Bluetooth device will be registered under your paired devices.

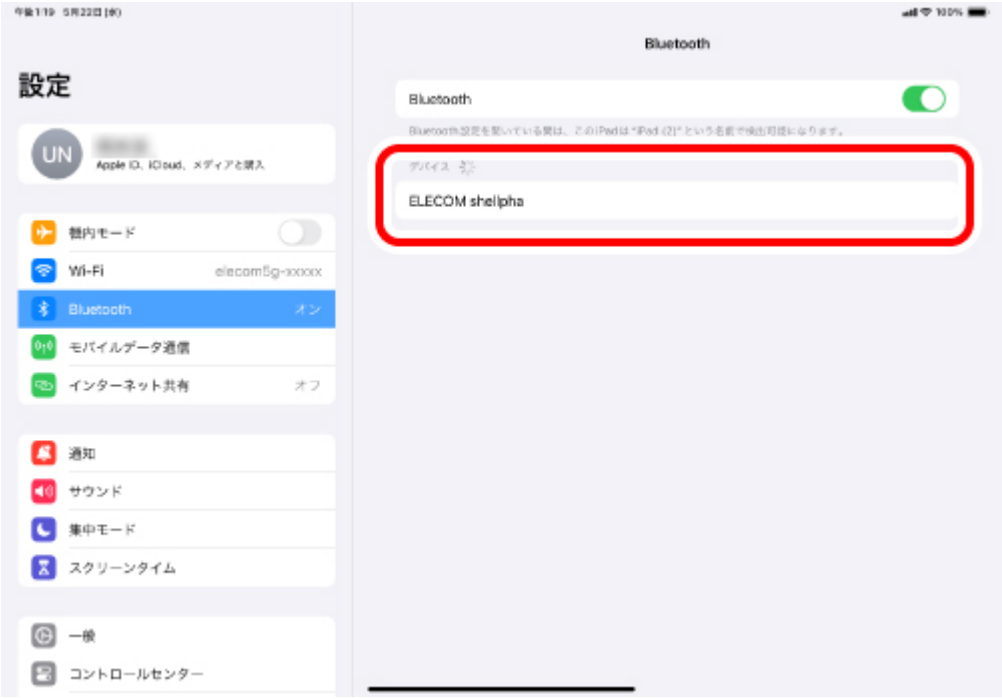
4) During the device search, hold down the CONNECT button on the underside for 3 seconds and then release.

Pairing mode will be activated and the status light will blink blue.

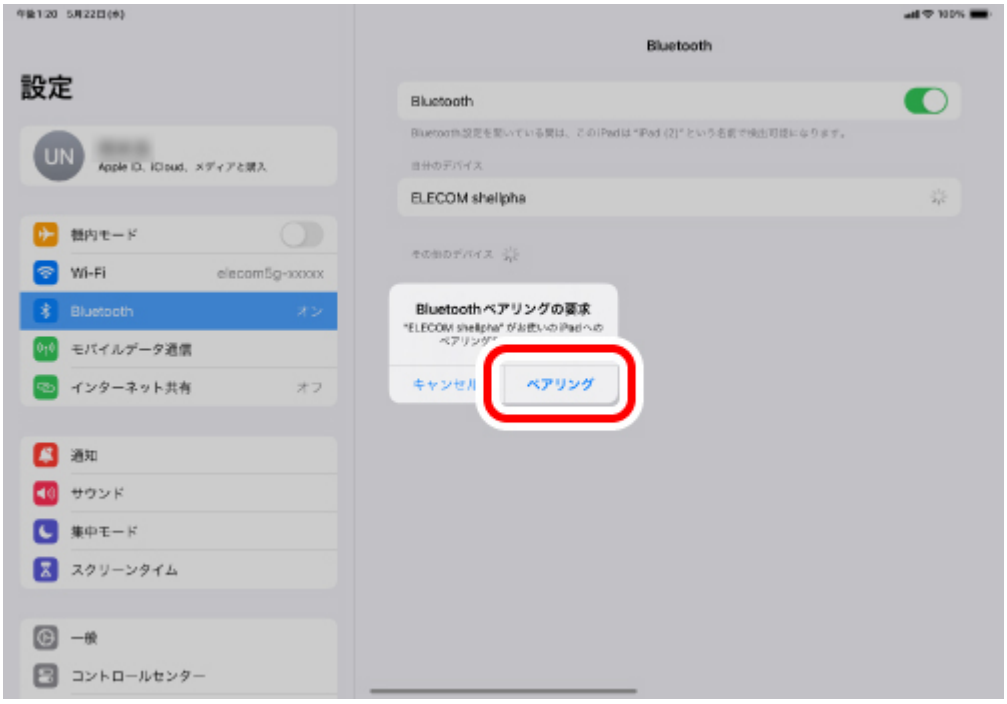


5) Tap on “ELECOM shellpha” when it is detected under “DEVICES”.

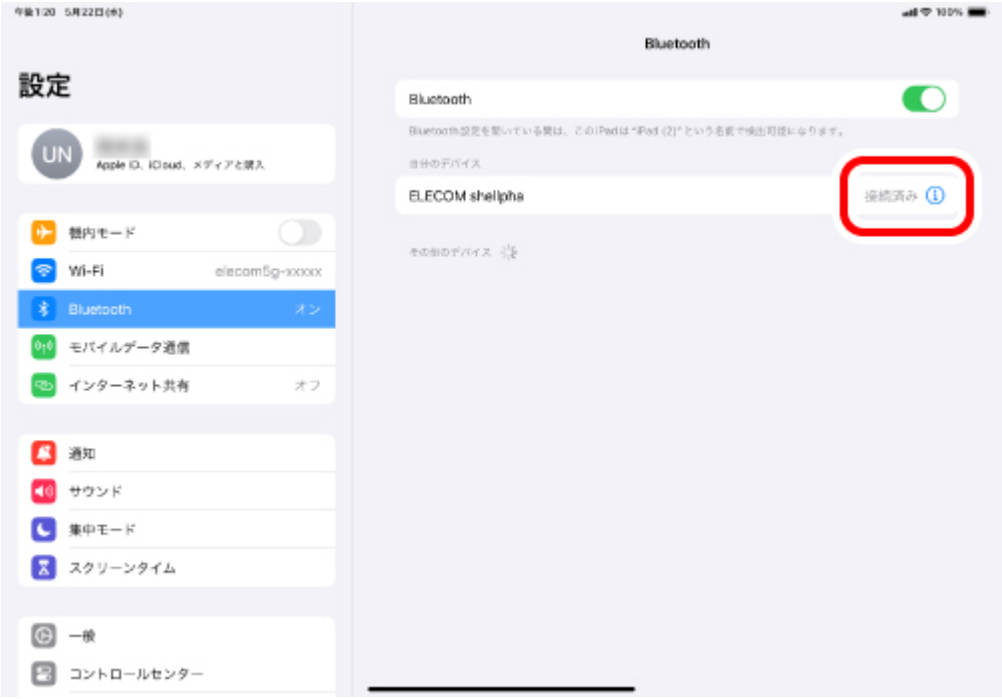
Pairing begins.



6) When the “Bluetooth Pairing Request” page loads, tap on “Pair”.



7) You can use the mouse when the status shows "Connected"



You can now use the mouse.

Register custom actions to the buttons.

Only the 2 buttons and the wheel can be used under the initial settings.

- Button 1: Single-Tap
- Button 2: Secondary Click

Follow the steps below to assign all other button functions.

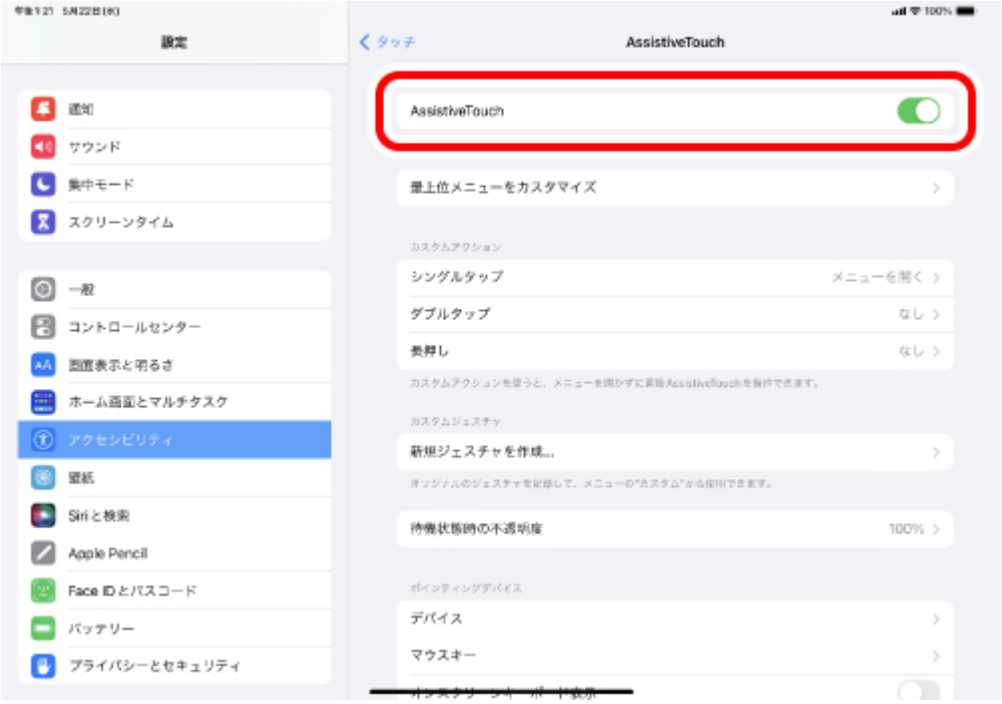
1. Turn ON AssistiveTouch.

1) Tap on “Accessibility” under “Settings”.

2) Tap on “Touch”.

3) Tap on “AssistiveTouch”.

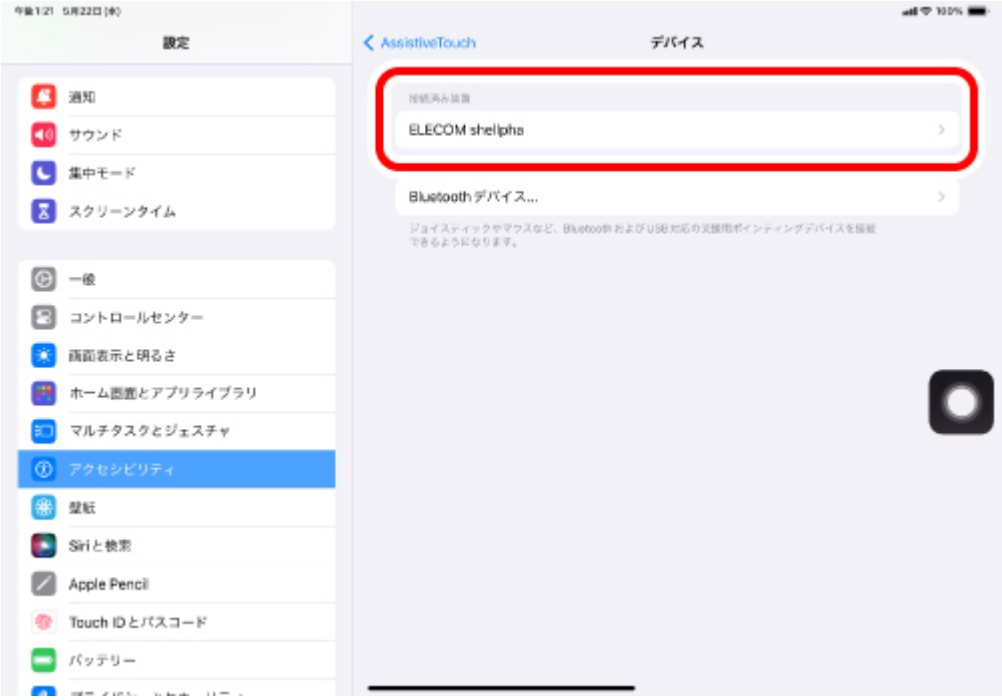
4) Tap on “AssistiveTouch” to turn ON.



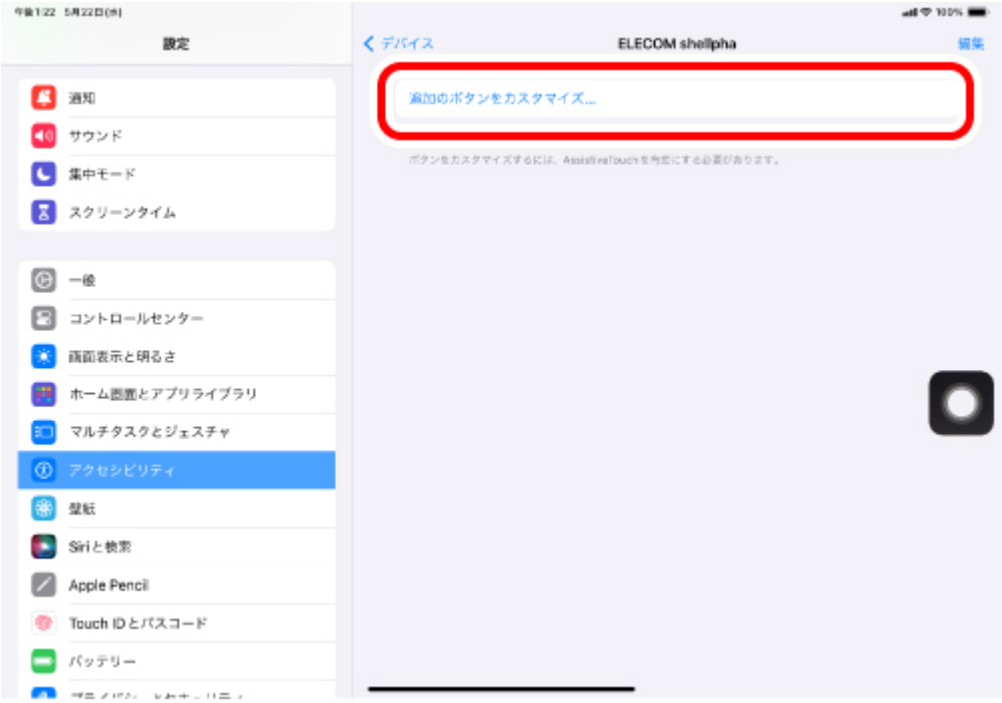
2. Assign custom actions to the buttons.

1) Tap on “Devices” under “POINTING DEVICES”.

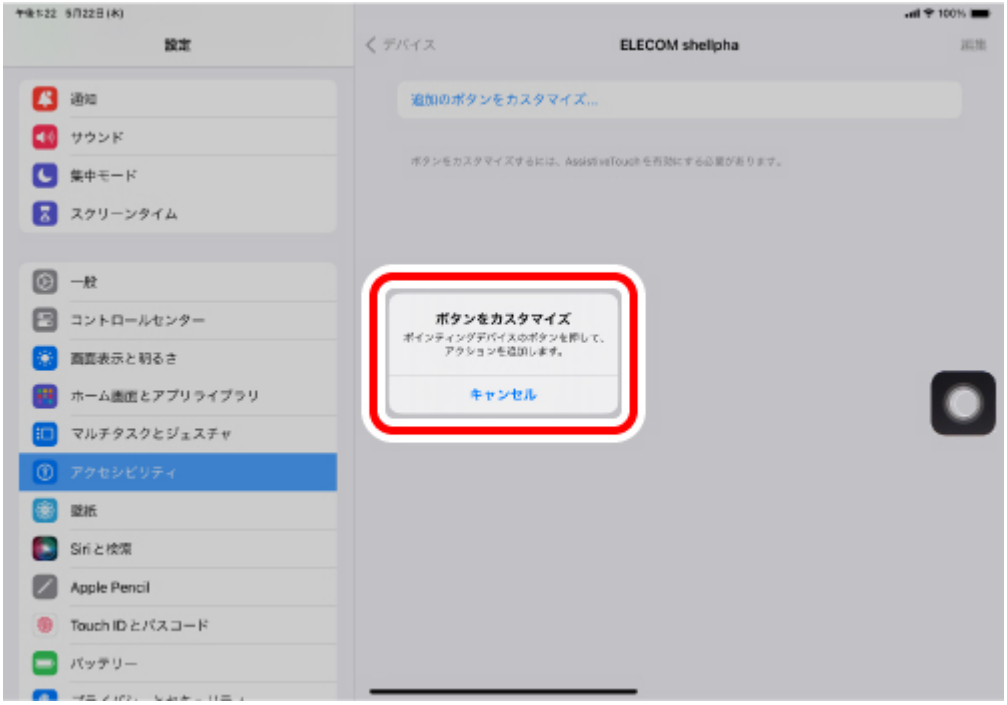
2) Tap on “ELECOM shellpha”.



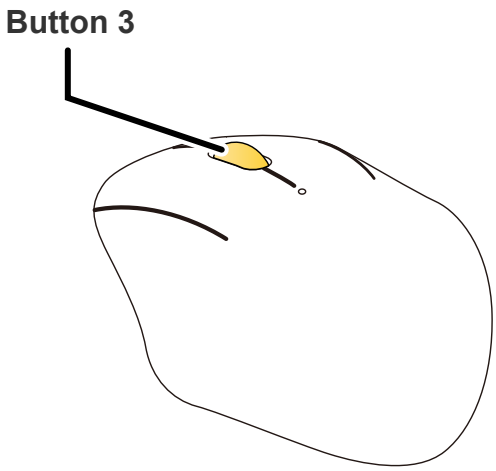
3) “Customize Additional Buttons...”.Tap on XX.



4) When the "Customize Button" page loads, click on the button on the mouse to be added.



* When adding "Button 3".



5) A list of all assignable functions will load. Tap on the desired function to assign.

* When assigning “Screenshot” to “Button 3”.

6) A function is assigned to the button. To assign other buttons, repeat the steps above.

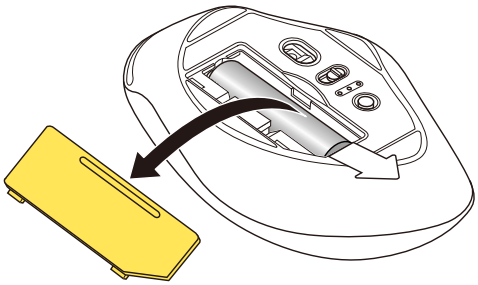
When AssistiveTouch is OFF, the Custom Action function is disabled and only the initial right click, left click and wheel scroll functions may be used.

Android

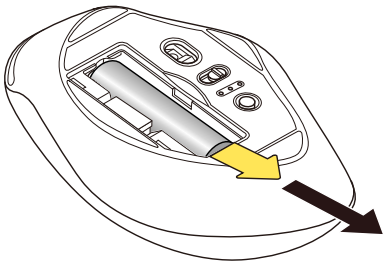
Using Bluetooth connection

1. Remove the battery insulating tab.

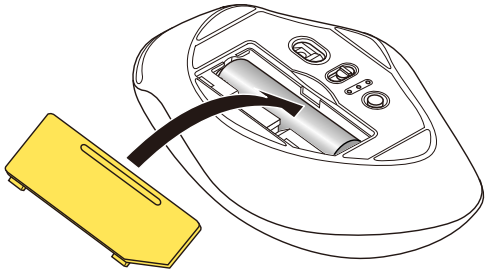
1) Remove the battery cover.



2) Remove the battery insulating tab.

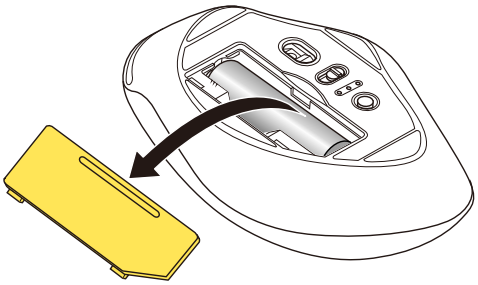


3) Put the battery cover back on.

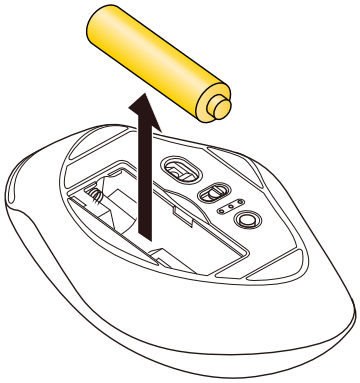


Replacing the battery...

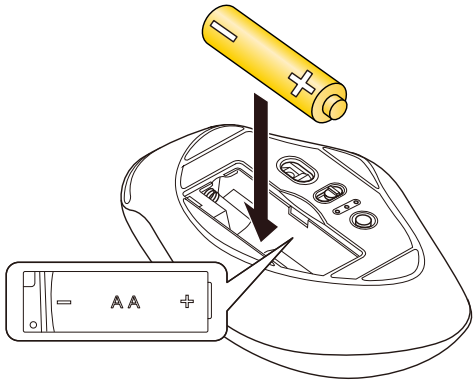
1) Remove the battery cover.



2) Remove the battery.

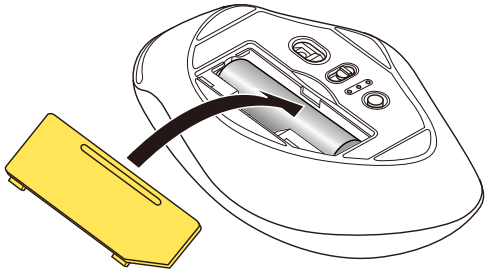


3) Insert the battery according to the positive (+) and negative (-) marks indicated in the battery compartment.



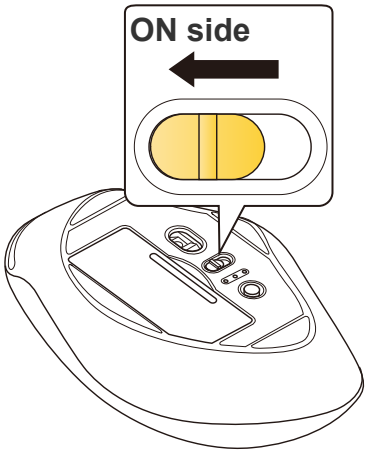
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

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 LED light will light up for a period of time.

* When the battery level is running low, the LED light will blink for a period of time.

Power-saving mode

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

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

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

3. Pairing with an Android device.

- Pairing involves registering Bluetooth devices (in this case, this product and an Android device) with each other, and authorizing a connection between them.
- Tap to operate the Android device until pairing is complete.
- Instructions for the Pixel Tablet (Android 14) are as follows. There may be differences depending on the OS version or device.

1) Tap on “Settings” from the home page.

2) Tap on “Connected devices”.

3) Tap on “Pair new device”

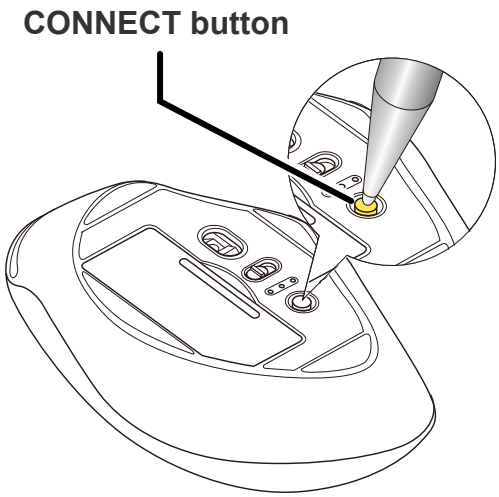
4) Use the CONNECT button to select the device you want to connect to (Bluetooth connection 1 or Bluetooth connection 2).

The LED light and the status light will light up blue for 3 seconds.

- Please refer to “Switch connected device” to switch between connected devices.
- The selected connected Bluetooth device will be registered under your paired devices.

5) Hold down the CONNECT button on the underside for 3 seconds and then release.

Pairing mode will be activated and the status light will blink blue.



6) Tap on “ELECOM shellpha” under “Available devices”.

7) Tap on “Pair”.

Pairing begins.

8) Pairing is complete when this product is added to “Other devices”.

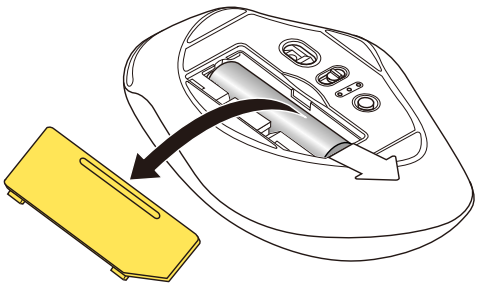
You can now use the mouse.

Chrome OS

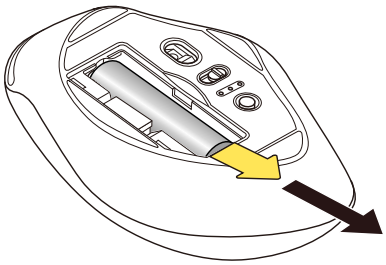
Using Bluetooth connection

1. Remove the battery insulating tab.

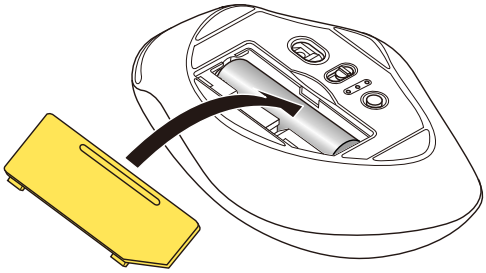
1) Remove the battery cover.



2) Remove the battery insulating tab.

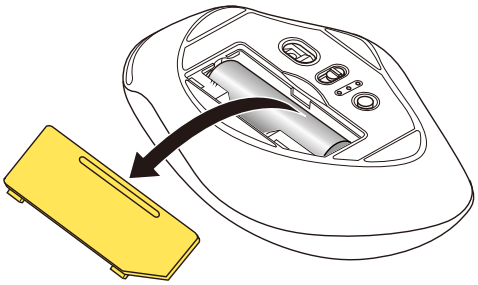


3) Put the battery cover back on.

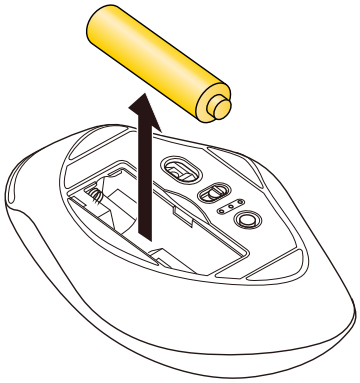


Replacing the battery...

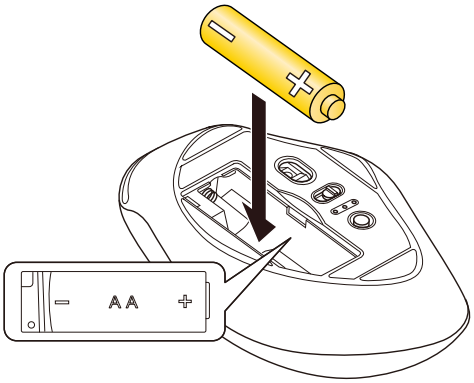
1) Remove the battery cover.



2) Remove the battery.

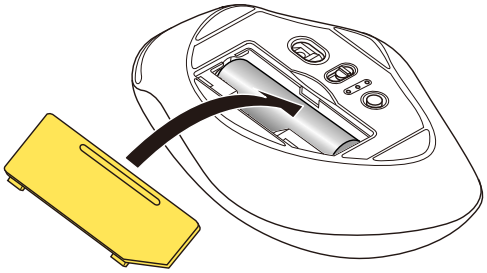


3) Insert the battery according to the positive (+) and negative (-) marks indicated in the battery compartment.



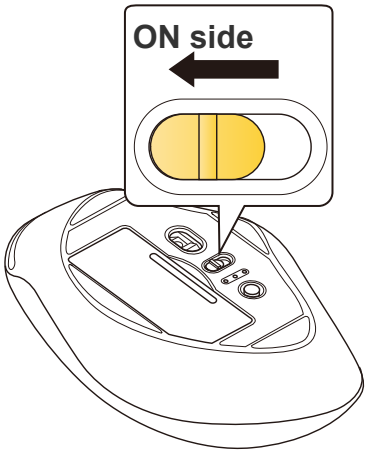
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

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 LED light will light up for a period of time.

* When the battery level is running low, the LED light will blink for a period of time.

Power-saving mode

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

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

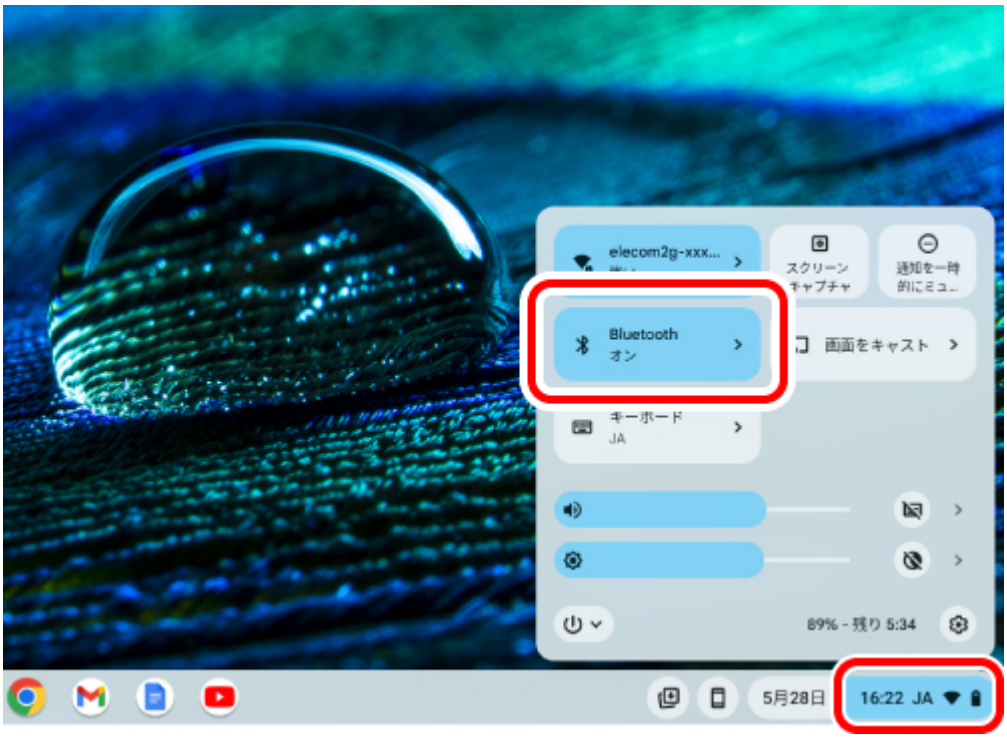
* Mouse operation may be unstable for 2-3 seconds after returning from the power-saving mode.

3. Pairing with a PC

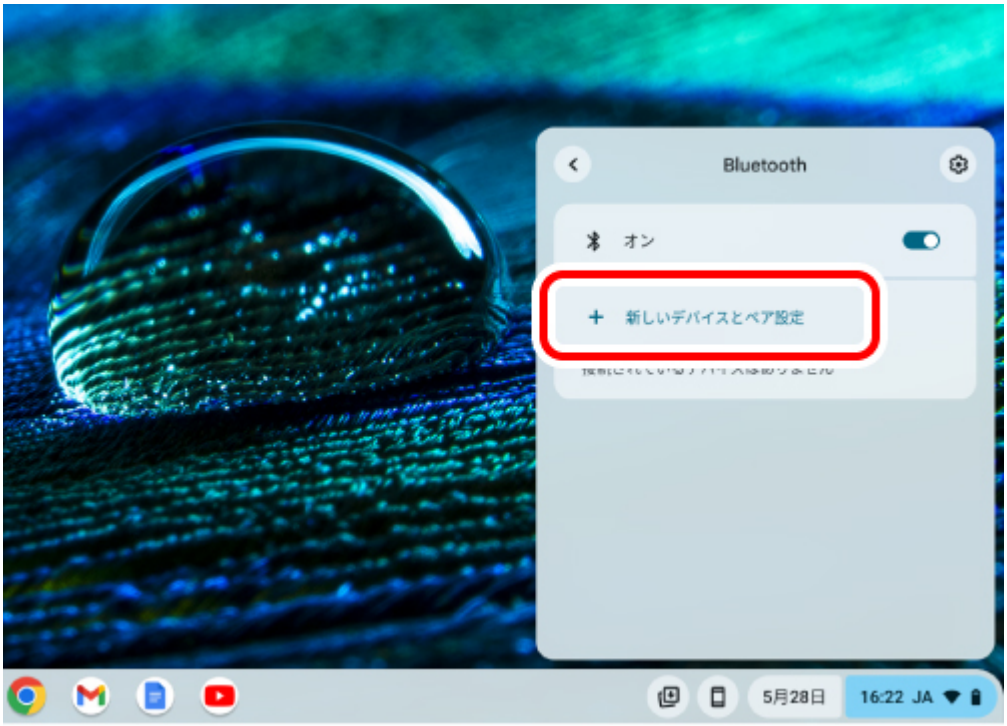
- Pairing involves registering Bluetooth devices (in this case, this product and your device) with each other, and authorizing a connection between them.
- This section covers Chrome OS standard Bluetooth functions. Depending on your device, unique Bluetooth functions may be used. Please read the respective 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 Chrome OS (124.0.6367.95).

1) Click on the battery icon at the bottom right.

2) Bluetooth on the Quick Settings panel.



3) Under “Bluetooth”, click on “Pair new device”.



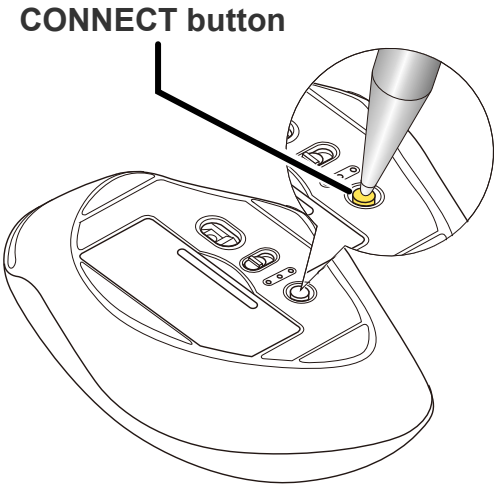
4) Use the CONNECT button to select the device you want to connect to (Bluetooth connection 1 or Bluetooth connection 2).

The LED light and the status light will light up blue for 3 seconds.

- Please refer to “Switch connected device” to switch between connected devices.
- The selected connected Bluetooth device will be registered under your paired devices.

5) During the device search, hold down the CONNECT button on the underside for 3 seconds and then release.

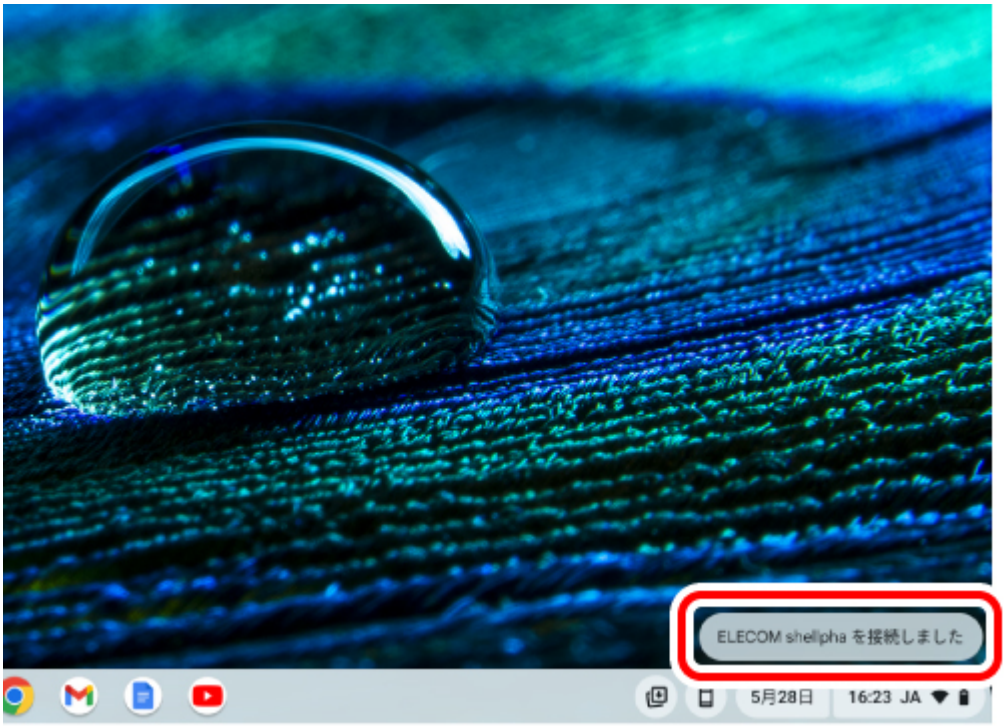
Pairing mode will be activated and the status light will blink blue.



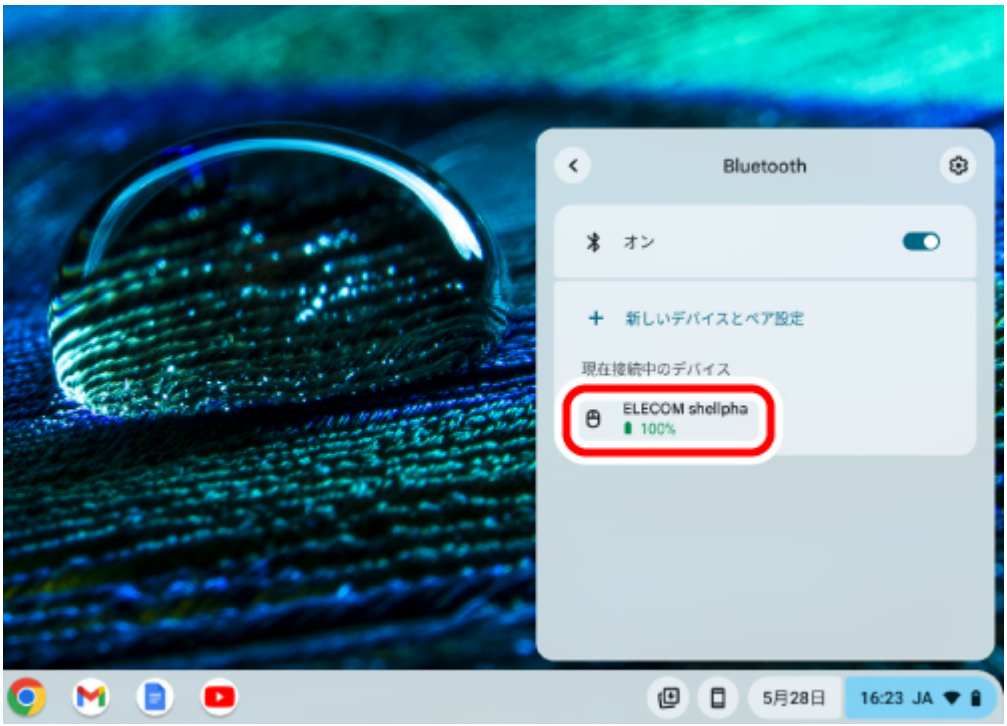
6) Click on “ELECOM shellpha”.

Pairing begins.

7) "ELECOM shellpha connected" will be displayed at the bottom right of the screen.



Click “Bluetooth” like in step 2. Pairing is complete when “ELECOM shellpha” appears under “Currently connected”.

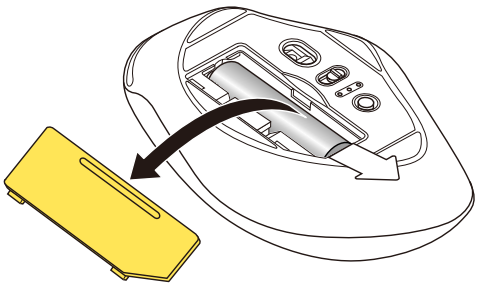


You can now use the mouse.

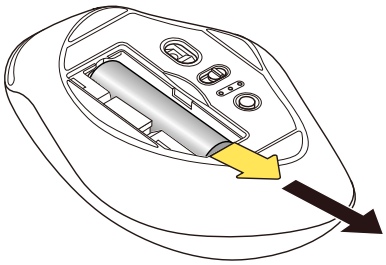
Using wireless connection

1. Remove the battery insulating tab.

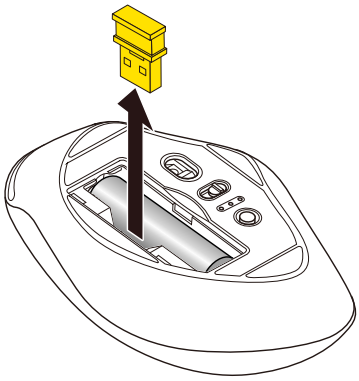
1) Remove the battery cover.



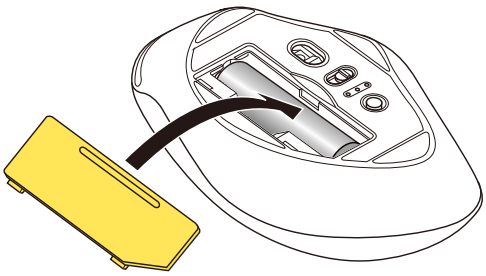
2) Remove the battery insulating tab.



3) Remove the receiver unit.

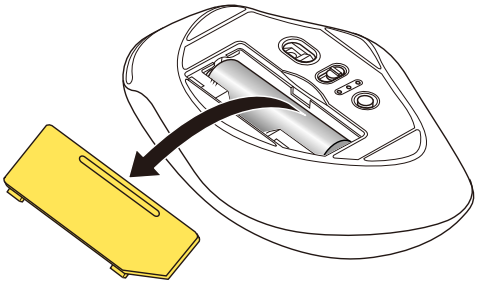


4) Put the battery cover back on.

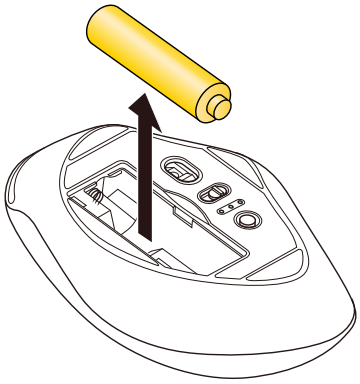


Replacing the battery...

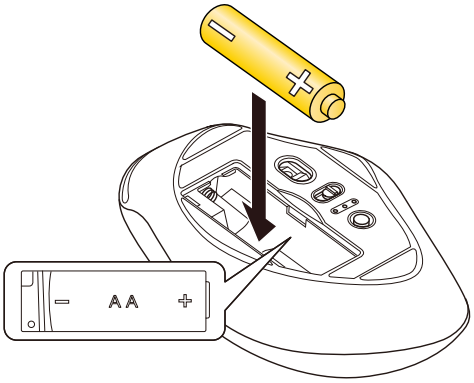
1) Remove the battery cover.



2) Remove the battery.

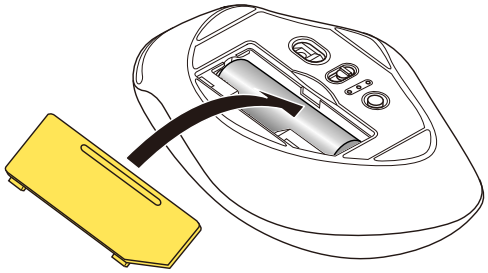


3) Insert the battery according to the positive (+) and negative (-) marks indicated in the battery compartment.



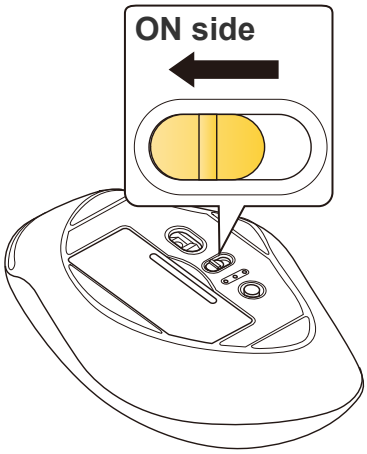
Ensure that the battery is inserted with the positive (+) and negative (-) terminals oriented correctly.

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 LED light will light up for a period of time.

* When the battery level is running low, the LED light will blink for a period of time.

Power-saving mode

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

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

* Mouse 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.

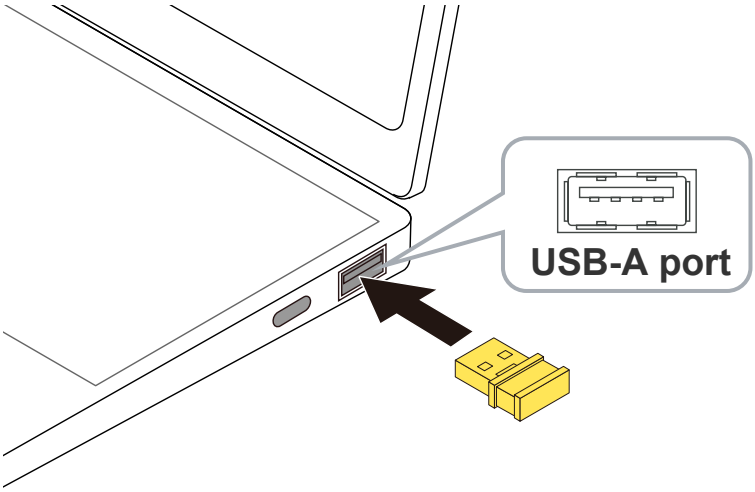
Please wait until the PC has started up and can be operated.

2) Using the CONNECT button, select the device you want to connect to (wireless connection).

The LED light and the status light will light up white for 3 seconds.

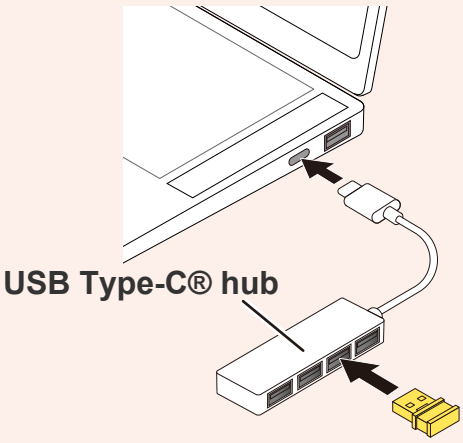
Please refer to "Switch connected device" to switch between connected devices.

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



You may use any USB-A port.

- For devices that do not have a USB-A port, please use a USB Type-C hub.



- 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.

4) The driver will be automatically installed, and you will then be able to use the mouse.

You can now use the mouse.

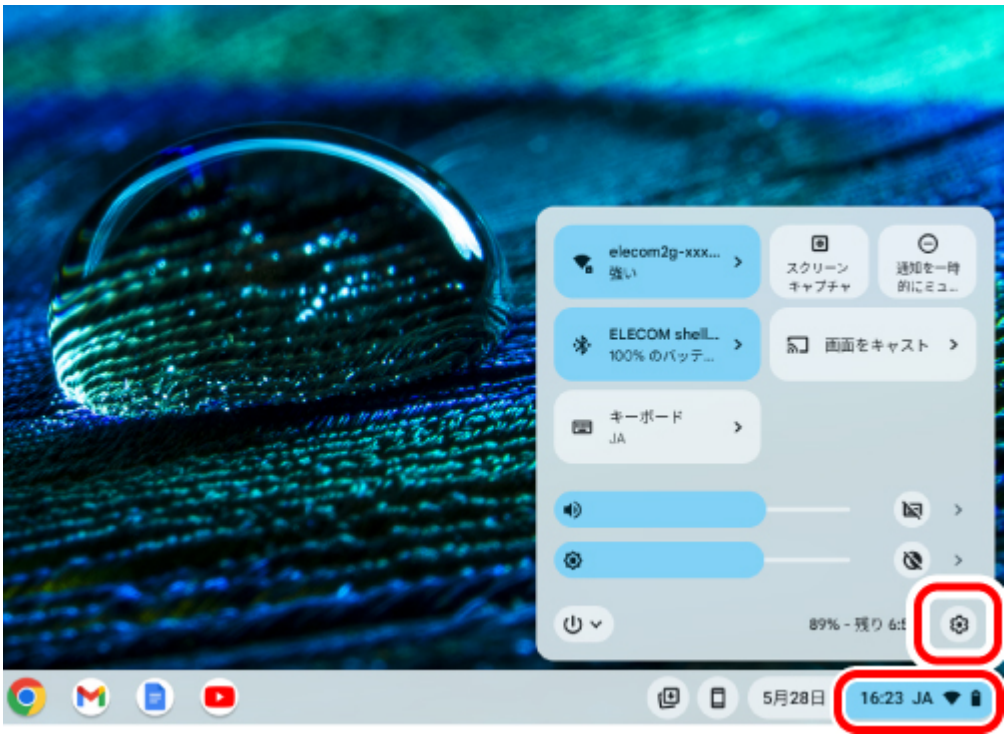
Change the mouse pointer speed

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

1) Click on the battery icon at the bottom right.

2) Click on (settings) on the Quick Settings panel.

The settings page will appear.



3) Click “Mouse” under “Devices”.

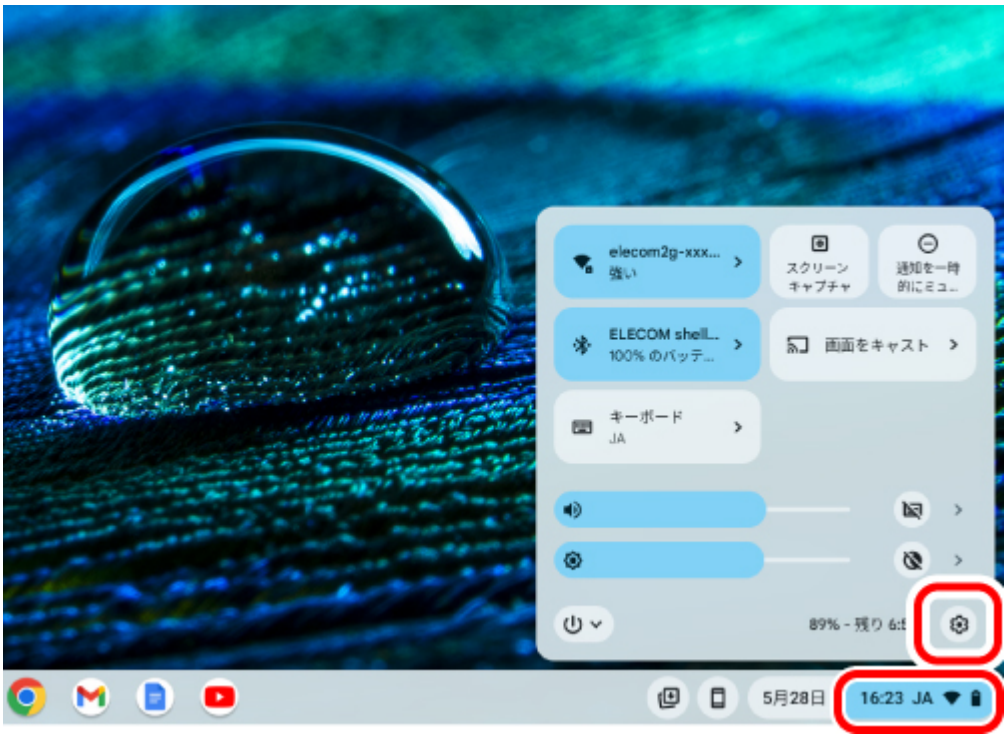
4) Adjust the speed of the mouse pointer using the "Cursor speed" slider of "ELECOM shellpha".

Change the number of lines scrolled in one wheel turn

1) Click on the battery icon at the bottom right.

2) Click on (settings) on the Quick Settings panel.

The settings page will appear.



3) Click “Mouse” under “Devices”.

4) If "Controlled scrolling" for "ELECOM shellpha" is disabled, click to enable it.

5) Adjust the number of lines to be scrolled at a time using the slider for "Scroll speed" under "ELECOM shellpha".

Specifications

Connector type	USB-A plug
Connection method	USB 2.4 GHz wireless / Bluetooth® wireless
Bluetooth® standard	Bluetooth 5.0 Class 2

* XXX will be determined when they are fixed.

Supported profiles	HOGP (HID Over GATT Profile)
Product Specifications	Windows OS, macOS, Chrome OS, Android, iOS and iPadOS-based devices that support Bluetooth® HOGP or USB-port equipped devices.
Supported OS	Windows 11/10, macOS Sonoma 14, iOS 17/iPad OS 17, ChromeOS, Android 12
Communication method	GFSK
Radio frequency	2.4 GHz
Radio wave range	Maximum distance approximately 10 m * May vary depending on the environment.
Connected device switching function	Yes
Sensor type	BlueLED
Sensor Resolution	2000 DPI
Buttons	3 * including wheel button
Number of wheels	1
Receiver unit storage compartment	Supported
Power source	Any 1 of AA alkaline battery, AA manganese battery or AA nickel-metal hydride rechargeable battery
Battery life	Maximum duration approximately 2 years (estimated operating time when using alkaline batteries) * May vary depending on the environment.
Size category	MSH20M-3 series: M size MSH21M-3 series: S size
External dimensions (main unit)	MSH20M-3 series: Length approx. XX mm × Width approx. XX mm × Height approx. XX mm / LXX.x x WXX.x x HXX.x in.

* XXX will be determined when they are fixed.

	MSH21M-3 series: Length approx. XX mm × Width approx. XX mm × Height approx. XX mm / LXX.x x WXX.x x HXX.x in.
External dimensions (receiver)	Width approx. 16 × Length approx. 20 × Height approx. 7 mm / L 0.6 × D 0.8 × H 0.3 in.
Weight (main unit)	MSH20M-3 series: approximately XX g / xx.x oz MSH21M-3 series: approximately XX g / xx.x oz * excluding batteries
Mass (receiver unit)	Approximately 2 g / 0.1 oz
What's Inside	1 mouse body, 1 AA alkaline battery (for confirming operability), 1 receiver

Compliance status

Model/设备型号/型號: MSH20M-3, MSH21M-3, ELECOM01B

www.elecom.co.jp/global/certification/

China / 中国

设备型号: MSH20M-3
CMIIT ID: XXXXXXXXXX

设备型号: MSH21M-3
CMIIT ID: XXXXXXXXXX

RoHS Compliance (产品中有毒有害物质或元素的名称及含量
https://www.elecom.co.jp/global/certification/pdf/RoHS_China.pdf

EU

* XXX will be determined when they are fixed.

CE Declaration of Conformity

https://www.elecom.co.jp/global/certification/pdf/CE_DoC.pdf

RoHS Compliance

https://www.elecom.co.jp/global/certification/pdf/RoHS_EU_UK_Vietnam.pdf

European Authorized Representative (For CE and GPSR matters only)

VISHTEC ltd

3rd floor office 5, Plovdiv 2 Liuben Karavelov bul, 4002 Bulgaria

compliance@vish-tec.com

WEEE Disposal and Recycling Information

This symbol means that waste of electrical and electronic equipment (WEEE) should not be disposed as general household waste.WEEE should be treated separately to prevent possible harm to the environment or human health.Consult your retailer or local municipal office for collection, return, recycle or reuse of WEEE.

DE: Informationen zu Elektro- und Elektronikgeräten

https://www.elecom.co.jp/global/certification/pdf/DE_WEEE.pdf

FR: INFORMATION DES CONSOMMATEURS SUR LA RÈGLE DE TRI

https://www.elecom.co.jp/global/certification/pdf/FR-Info-Tri.pdf

Malaysia / Bahasa Melayu

XXXXXXXXXXXX

XXXXXXXXXXXX

Singapore

* XXX will be determined when they are fixed.

Complies with IMDA standards DA106058.

Model Name/No.: MSH20M-3
Operating Frequencies: XXXX-XXXXMHz
Maximum field intensity / RF Output power: X.XX dBm / X.XX mW

Model Name/No.: MSH21M-3
Operating Frequencies: XXXX-XXXXMHz
Maximum field intensity / RF Output power: X.XX dBm / X.XX mW

Model Name/No.: ELECOM01B
Operating Frequencies: XXXX-XXXXMHz
Maximum field intensity / RF Output power: X.XX dBm / X.XX mW

▼ Taiwan / 台灣

R33407
RoHS

BSMI RoHS Compliance (限用物質含有情況標示聲明書)
https://www.elecom.co.jp/global/certification/pdf/RoHS_Taiwan.pdf

型號 MSH20M-3: XXXXXXXXXXXXXX

型號 MSH21M-3: XXXXXXXXXXXXXX

型號 ELECOM01B: CCAH20LP8510T5

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。 低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。 前述合法通信，指依電信管理法規定作業之無線電通信。 低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

▼ UK

UK Declaration of Conformity

https://www.elecom.co.jp/global/certification/pdf/UK_DoC.pdf

RoHS Compliance

https://www.elecom.co.jp/global/certification/pdf/RoHS_EU_UK_Vietnam.pdf

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▼ US

FCCID: YWO-MSH20M-5

FCCID: YWO-MSH21M-5

FCC ID: YWO-ELECOM01B

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.

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 radiated radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communication. 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 tuning 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

NOTICE: The manufacture is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. Such modifications could void the user's authority to operate the equipment.

In order to make improvements to this product, the design and specifications are subject to change without prior notice.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 0.5 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 0.5 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Responsible party
ELECOM USA, Inc.
4041 MacArthur Blvd Suite 400, Newport Beach, CA 92660 USA
elecomusa.com

▼ Vietnam / Việt Nam

RoHS Compliance (Chứng Nhận Đạt Tiêu Chuẩn RoHS)
https://www.elecom.co.jp/global/certification/pdf/RoHS_EU_UK_Vietnam.pdf

Support information

ELECOM CO., LTD.

Fushimimachi 4-1-1, Chuo-ku, Osaka City

Go to Global Site

Global Support

Please contact the shop where you purchased this product if you have any feedback or questions about the contents of this manual.
Specifications and external appearance of this product may be changed without prior notice for the purpose of product improvement.
ELECOM is not responsible for any damages to, or failure of other devices caused by using this product.
The images are for illustration purposes only and may differ from your actual product.
When exporting this product, check the export regulations for the country of origin.

A customer who purchases outside Japan should contact the local retailer in the country of purchase for enquiries. In “ELECOM CO., LTD. (Japan)”, no customer support is available for enquiries about purchases or usage in/from any countries other than Japan. Also, no foreign language other than Japanese is available. Replacements will be made under stipulation of the ELECOM warranty.