



Wireless Mouse

User Manual

M-XGXL50MBS, E01A

Thank you very much for purchasing this product.

* Each of the "M-XGS50MBS/M-XGM50MBS/M-XGL50MBS/M-XGXL50MBS" series is referred to as "this product" in this manual except in some cases.

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

DANGER

Failure to adhere to the precautions listed here carries the high risk of severe injury or death due to fire, electric shock, or other causes.

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



DANGER



Please use the charging cable included with this product and observe our specified charging conditions.

Usage of other charging cables or failure to observe our charging conditions may cause the battery to overheat, leak, or rupture.



Do not disassemble or modify this product.

Doing so can cause fire and electric shock.



Do not use if there is any leaking.

If the built-in rechargeable battery leaks, do not use it. It may heat up or rupture.



If you notice any abnormalities with this product, stop usage immediately.

If you notice any leaking, discoloration, deformation, or any other abnormalities from past usage, stop usage immediately. Continued use may lead to overheating and rupturing.



If you or your clothes come into contact with any liquid from this product, wash with clean water.

If liquid from the built-in rechargeable battery comes into contact with the skin, it can lead to skin damage.



Liquid from the built-in rechargeable battery can cause blindness if it enters the eye. If the liquid enters the eye, do not rub it. Wash thoroughly with clean water and seek immediate medical attention.



Please use at the set voltage.

Usage outside the set voltage range can cause overheating, ignition, electric shock, or personal injury.



WARNING



If a foreign object (water, metal chips) enters this product, stop using it immediately and turn OFF the power.

Continuing to use the product as it is may cause a fire or 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, turn OFF the power. Afterwards, please contact your dealer.

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



Please do not drop or hit this product.

In the event that the product is damaged, cease usage immediately and turn OFF the power. 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.

Malfunctions are not covered under warranty.

-  **Do not put this product in fire.**
Ruptures may cause fire or injury.
-

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 mouse 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.
 - If this product is used on a transparent surface such as glass or a highly reflective surface such as a mirror, the optical sensor will not function correctly and the mouse cursor movement will become unstable.
 - Please note that looking directly into the sensor light may hurt your eyes.
 - 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.

■ 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.**
Doing so can cause electric 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 the usage of 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 in the event that damage or abnormal operation to the product is caused by the cleaning process, the customer will be fully responsible for the cost of repair.
- ⚠ 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 turn off any connected devices.
 - * Please turn off connected devices when in sleep or hibernation mode.
 - * 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 × 1

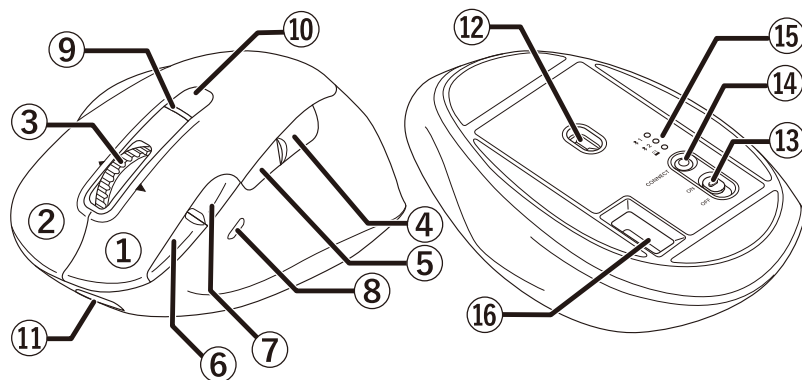


At the time of shipment, it is stored in the mouse. Please remove before use.

- USB-A to USB Type-C® charging cable (approx. 0.3 m) x1

Name and function of each part

* This manual uses illustrations of the "M-XGM50MBS" series for explanation.



① Left button

To left click on your PC.

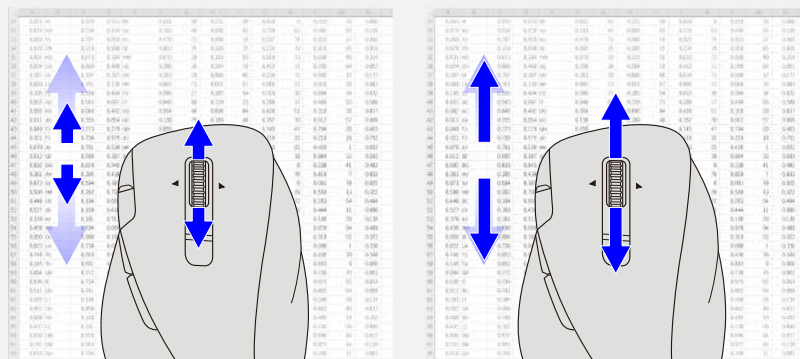
② Right button

To right click on your PC.

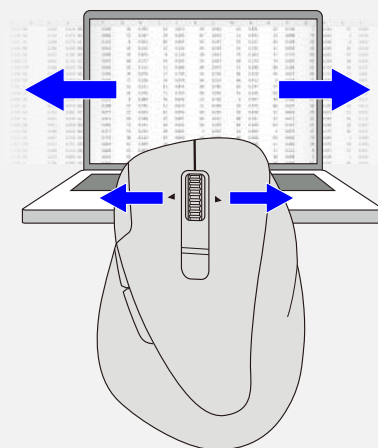
③ Smart high-speed scrolling / horizontal scrolling

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

Automatically switches between one-line scrolling and smart high-speed scrolling depending on the rotation speed.



You can scroll horizontally by tilting the wheel to the left or right.



You will need to install the "ELECOM Mouse Assistant Windows version" from our website to use the left and right scroll function on Windows. Please refer to "[Install ELECOM Mouse Assistant](#)".

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 will need to install the "ELECOM Mouse Assistant Mac version" from our website to use the "Back" and "Forward" button on Mac. Please refer to "[Install ELECOM Mouse Assistant](#)".

⑥ Multi-function button 1

⑦ Multi-function button 2

⑧ Multi-function button 3

Functions can be assigned to this button. At the time of purchase, no functions have been assigned.



In order to assign functions to buttons, download and install "ELECOM Mouse Assistant" from our company website. Please refer to "[Install ELECOM Mouse Assistant](#)".

⑨ LED light

- The LED light will light up for a period of time when the mouse is switched ON.
- The LED light will blink during use when the battery level is low.
- When the DPI is changed, the current DPI is shown by the number of times the lamp blinks.

1 blink 1000 DPI

2 blinks 2000 DPI



The color of the LED light changes depending on the device to which it is connected.

Bluetooth connection: Blue

Wireless connection: White

Set to Bluetooth connection  1 at the time of purchase: Blue.

⑩ Pointer speed change switch

Each time the button is pressed, the DPI (pointer movement speed) switches between two levels, 1000 or 2000 DPI.

At the time of purchase, the pointer is set to 2000 DPI.

⑪ USB Type-C charging port

Connect the included USB charger cable to charge the mouse.

⑫ 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.

⑬ Power switch

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

⑭ CONNECT button

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

Please refer to "[Switch connected device](#)".

⑮ Status light

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

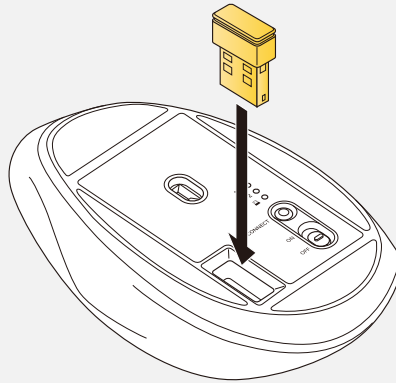


Bluetooth connection  1 or  2 : Blue

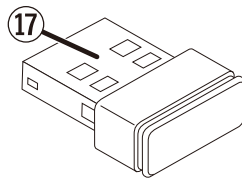
Wireless connection  : White

16 Receiver unit storage compartment

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



Receiver unit



17 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.

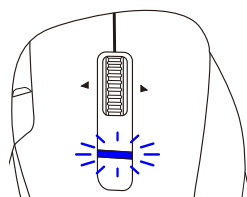
Switch between connected devices in the following way.

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

When the connected device is  1 or  2, the LED light is blue. When the connected device is , the LED light is white.

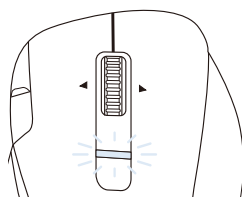
 1 and  2 are Bluetooth connections while  is wireless connection.

Bluetooth Connection



 1   1 
 2   2 
   

Wireless Connection



 1   1 
 2   2 
   

When paired with only one of either  1 or  2 Bluetooth device, the existing connection will be lost 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®

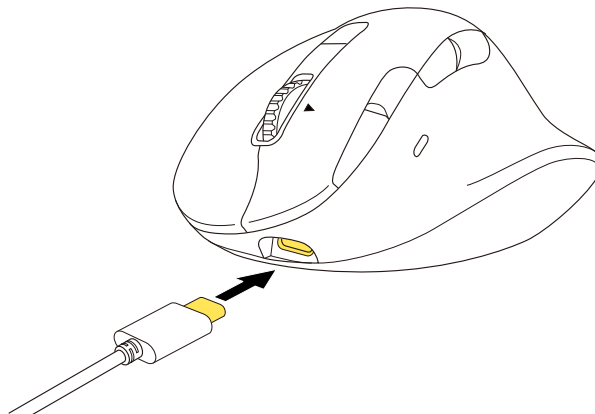


Using Bluetooth connection



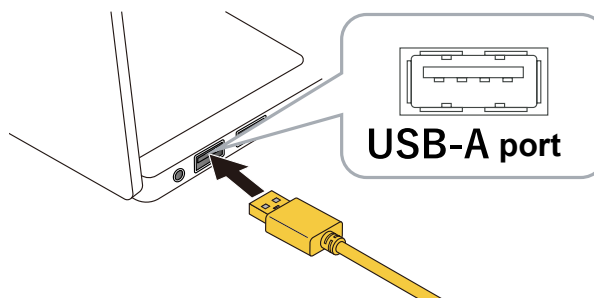
1. Charge the battery

- 1) Connect the rechargeable USB Type-C connector of the included charging cable to the USB Type-C port of this product.

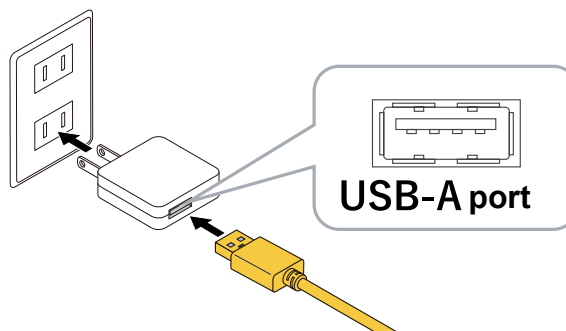


- 2) Connect the USB-A connector on the included charging cable to the USB-A port on your PC or a portable USB charger.

Connecting to a PC



Connecting to a portable USB charger

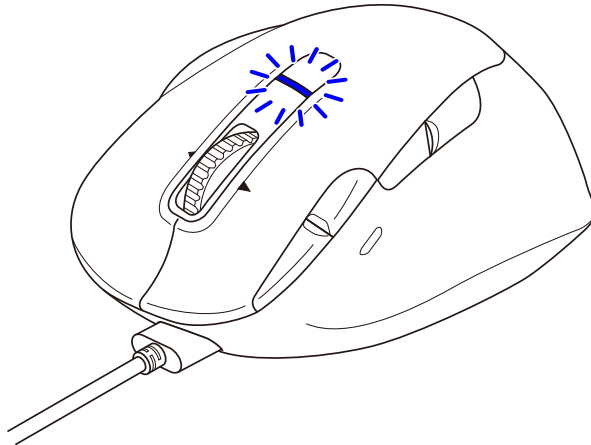


- Ensure that the connector is correctly oriented to the port.
- If there is strong resistance when inserting, check the shape and orientation of the connector. Forcibly inserting the connector may damage the connector, and there is a risk of injury.

• Do not touch the terminal portion of the USB connector.

3) Turn on the power of the PC, if it has not been already switched on.

The LED light will flash slowly when charging begins. It turns off when charging is complete.

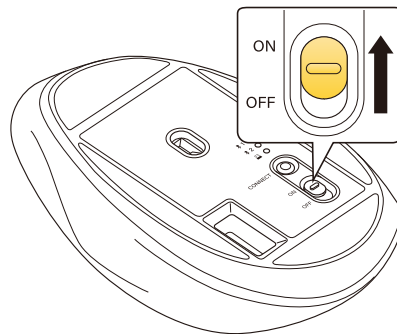


It will take approximately x hours until full charge.

If the LED light does not stop blinking even after the prescribed charging time, remove the charging USB cable and stop charging for the moment. Otherwise, this can cause overheating, rupturing or fires.

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.

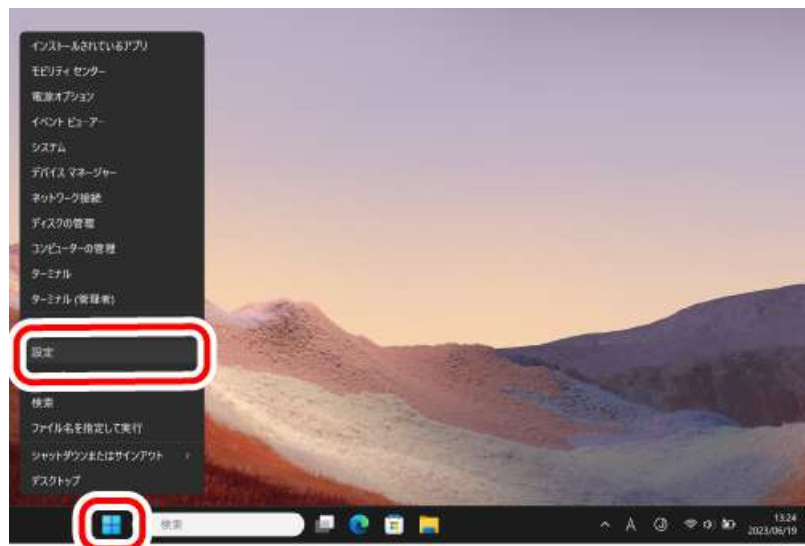
3. Pairing with a PC

- 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 (22H2).

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

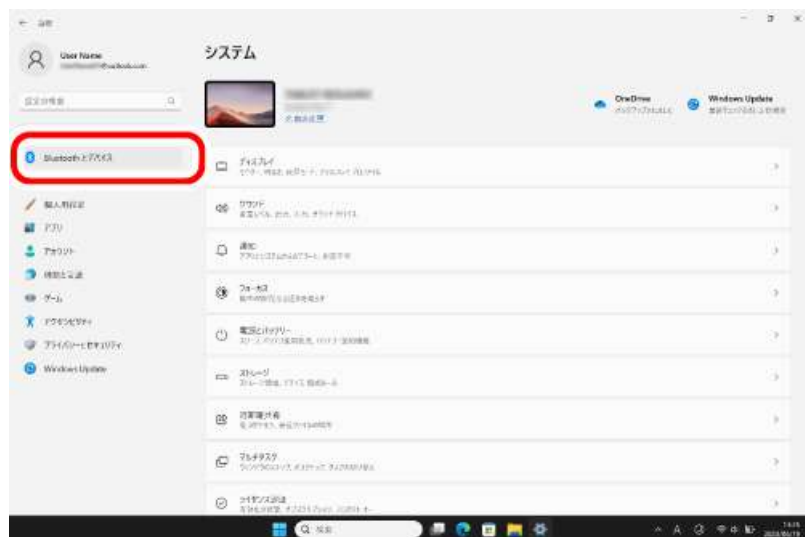
The “Settings” page will appear.

***Screen shots will be replaced with English versions.**

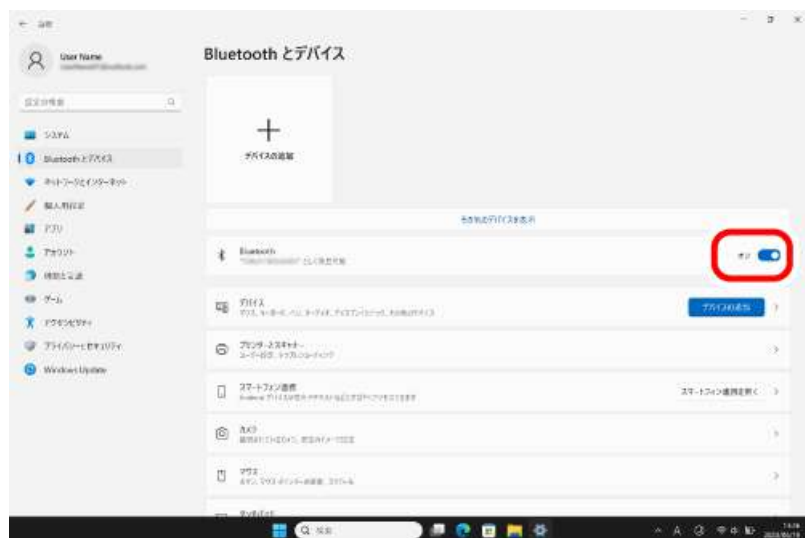


2) Click on “Bluetooth & devices”.

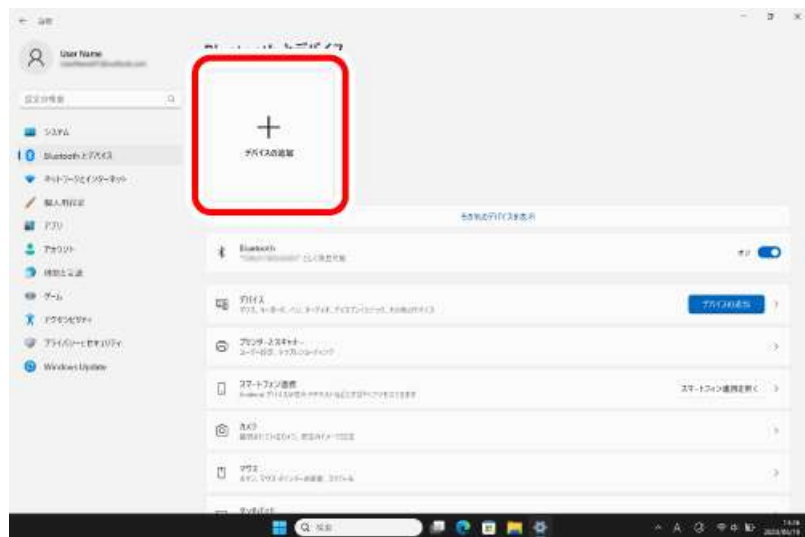
The “Devices” page will appear.



If “Bluetooth” is off, turn it on.



3) Click on “Add device”.



4) Using the CONNECT button, select the device (✂ 1 or ✂ 2) you want to connect to.

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) Click “Bluetooth”.



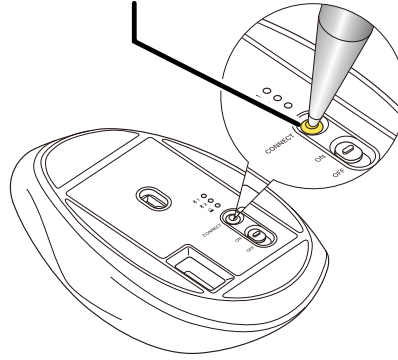
6) When the add device screen is displayed, hold down the CONNECT button on the underside for 3 seconds and then release.

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



***Screen shots will be replaced with English versions.**

CONNECT button



7) Click on “ELECOM OpticalMouse”.

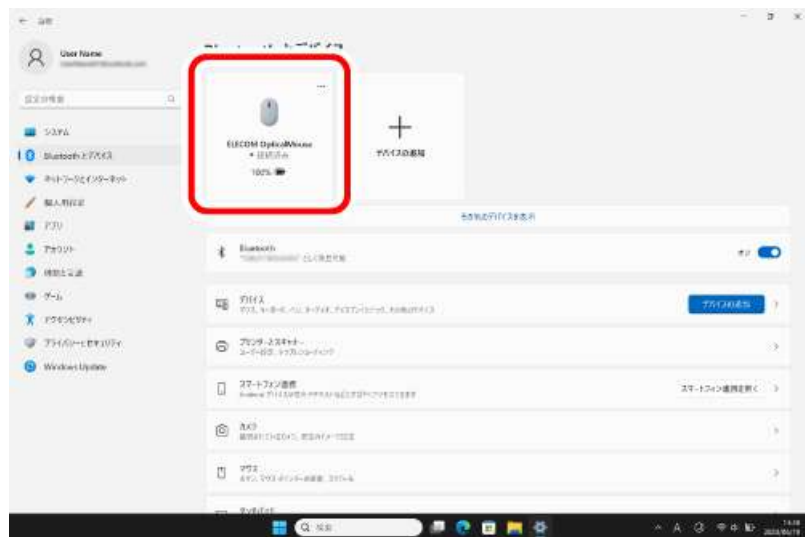
Pairing begins.



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



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



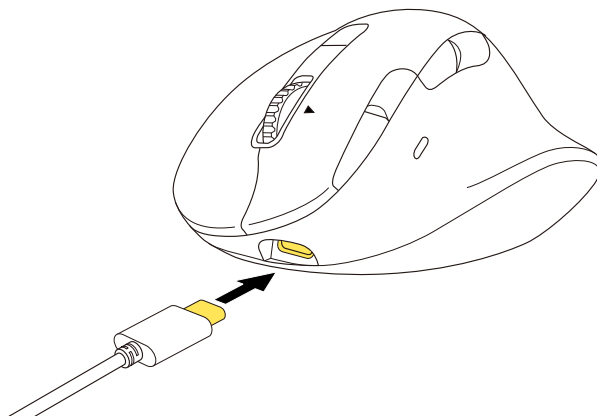
You can now use the mouse.

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

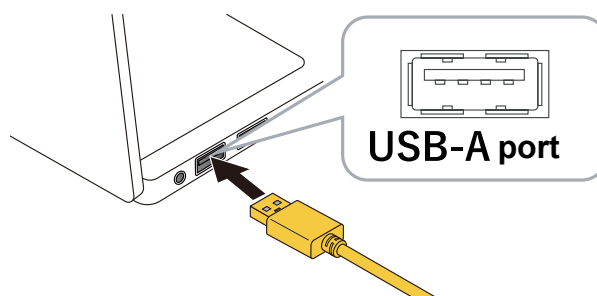
1.Charge the battery

- 1) Connect the rechargeable USB Type-C connector of the included charging cable to the USB Type-C port of this product.

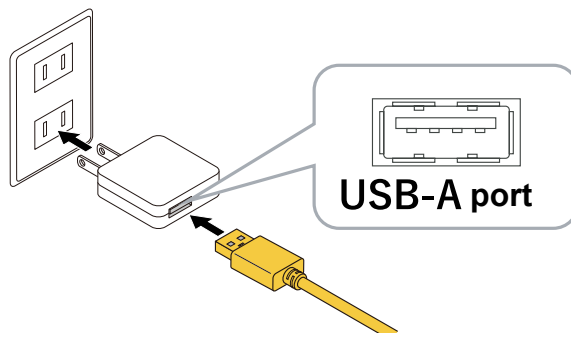


- 2) Connect the USB-A connector on the included charging cable to the USB-A port on your PC or a portable USB charger.

Connecting to a PC



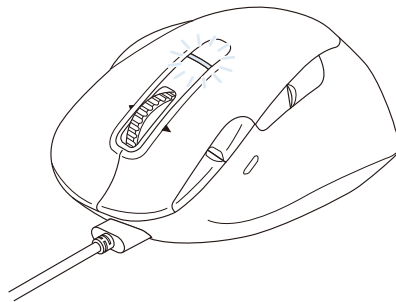
Connecting to a portable USB charger



- 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.

3) Turn on the power of the PC, if it has not been already switched on.

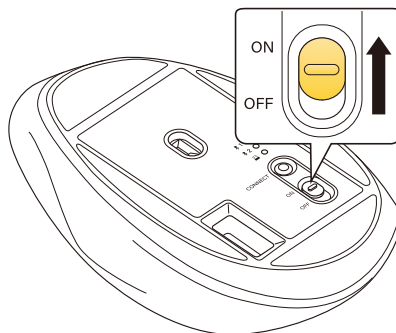
The LED light will flash slowly and charging begins. It turns off when charging is complete.



It will take approximately x hours until full charge.
If the LED light does not stop blinking even after the prescribed charging time, remove the charging USB cable and stop charging for the moment. Otherwise, this can cause overheating, rupturing or fires.

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 your PC has started up and can be operated.

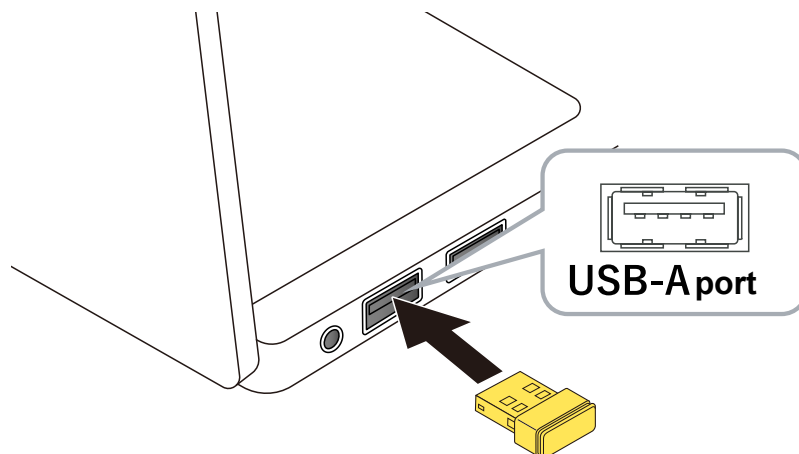
2) Using the **CONNECT** button, select the device () you want to connect to.

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.

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

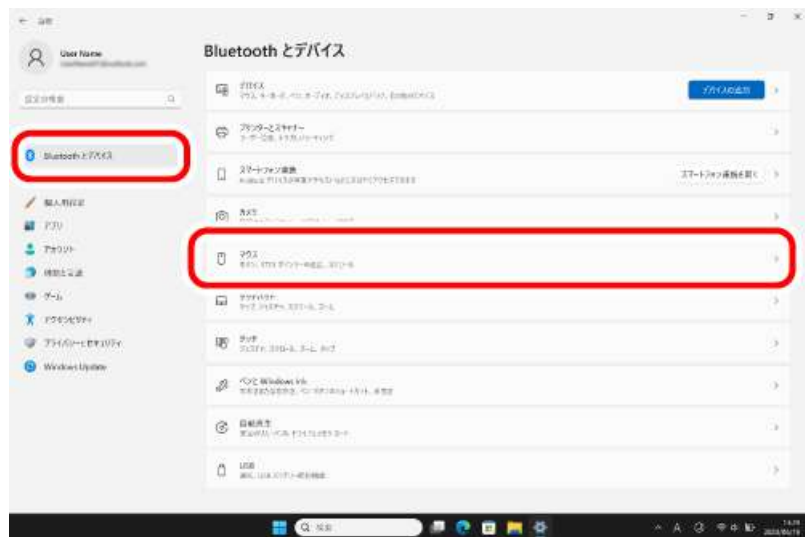
Adjust the mouse pointer movement speed on your PC if the mouse pointer moves too fast or too slow.

■ **For Windows 11**

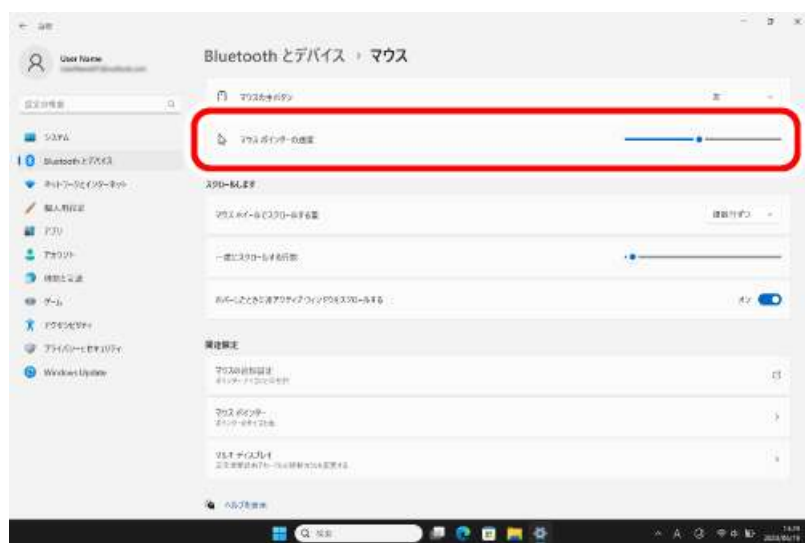
1) Click on "Start" on the bottom of the screen and click on "Settings".

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.



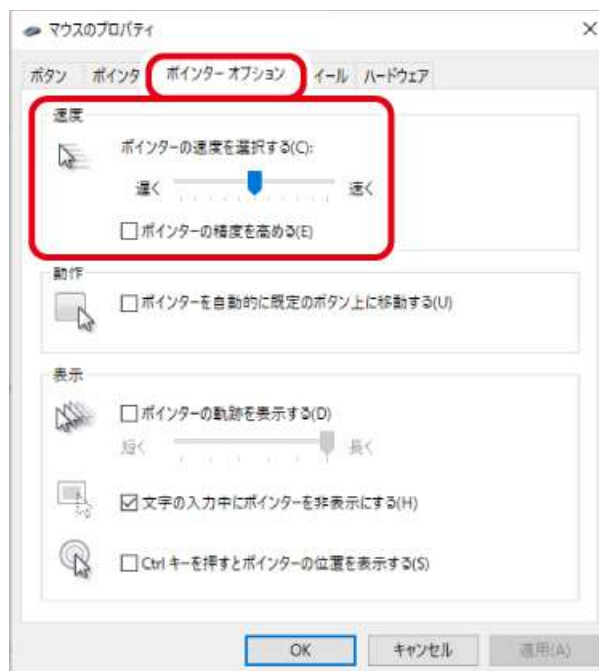
■ For Windows 10

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.



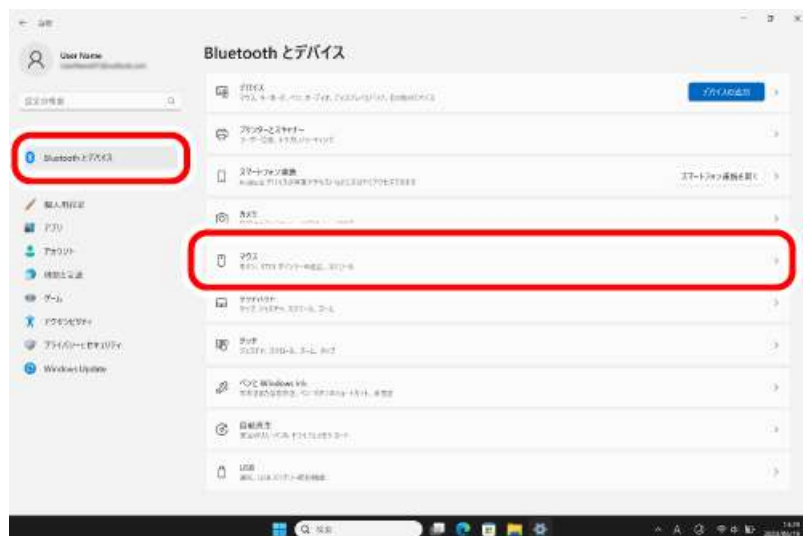
Change the number of lines scrolled in one wheel turn

■ For Windows 11

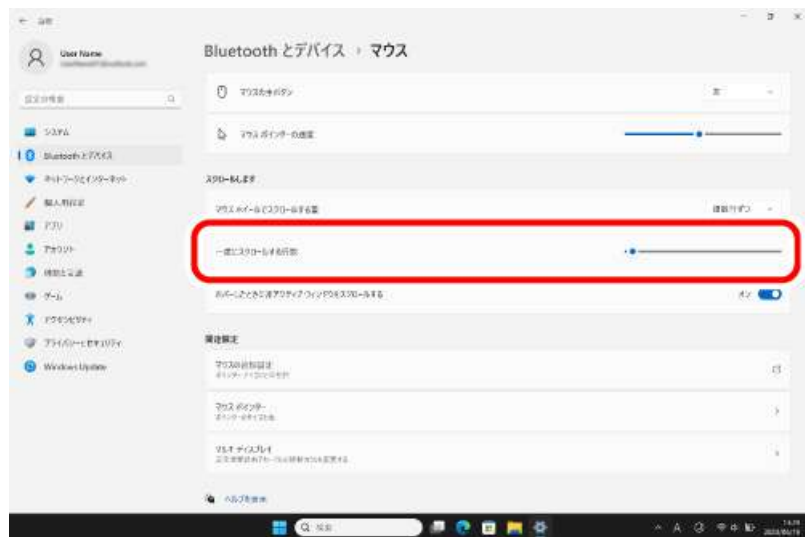
1) Click on “Start” on the bottom of the screen and click on “Settings”.

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.



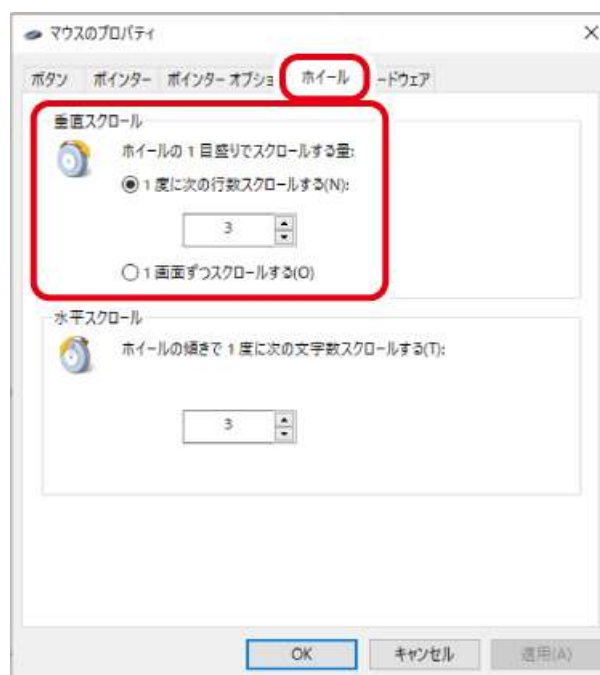
■ For Windows 10

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”

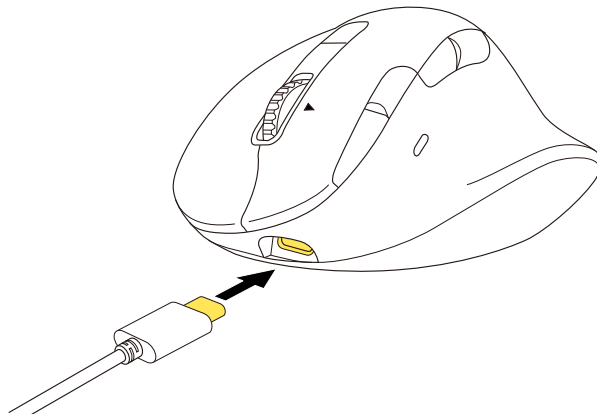


Mac

Using Bluetooth connection

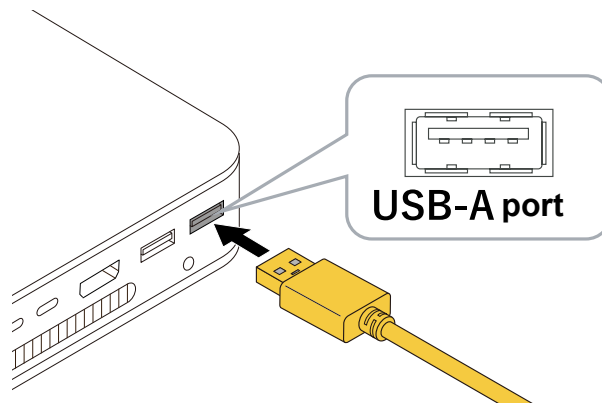
1.Charge the battery

- 1) Connect the rechargeable USB Type-C connector of the included charging cable to the USB Type-C port of this product.

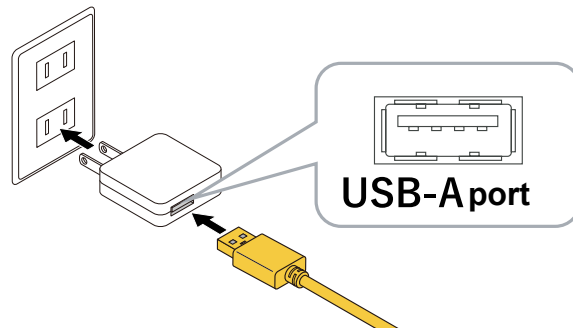


2) Connect the USB-A connector on the included charging cable to the USB-A port on your PC or a portable USB charger.

Connecting to a PC



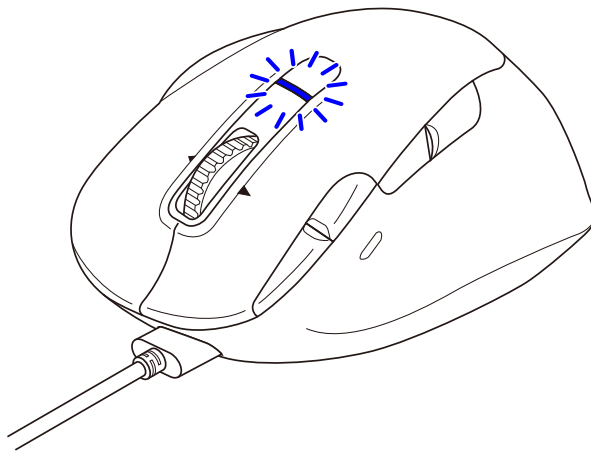
Connecting to a portable USB charger



- 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.

3) Turn on the power of the PC, if it has not been already switched on.

The LED light will flash slowly when charging begins. It turns off when charging is complete.

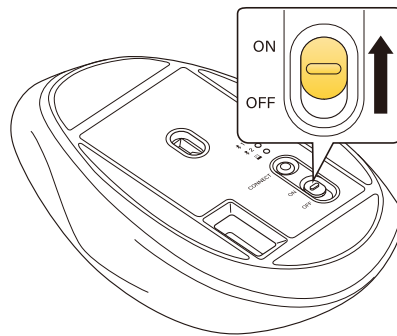


It will take approximately x hours until full charge.

If the LED light does not stop blinking even after the prescribed charging time, remove the charging USB cable and stop charging for the moment. Otherwise, this can cause overheating, rupturing or fires.

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.
- Please carry out the pairing operation using your current mouse or touchpad on your device.
- The following instructions are for macOS Ventura (13).

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

The System Settings window will appear.

*Screen shots will be replaced with English versions.



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

The “Bluetooth” system settings page will appear.



3) Using the CONNECT button, select the device (❶ or ❷) you want to connect to.

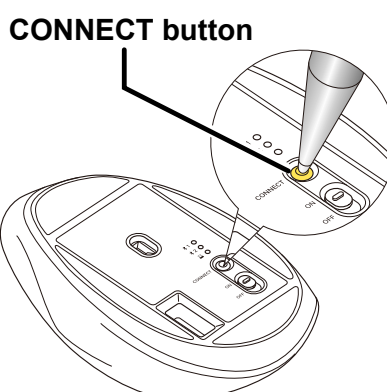
The LED light and the status light will light up blue for 3 seconds.



- ・ 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.

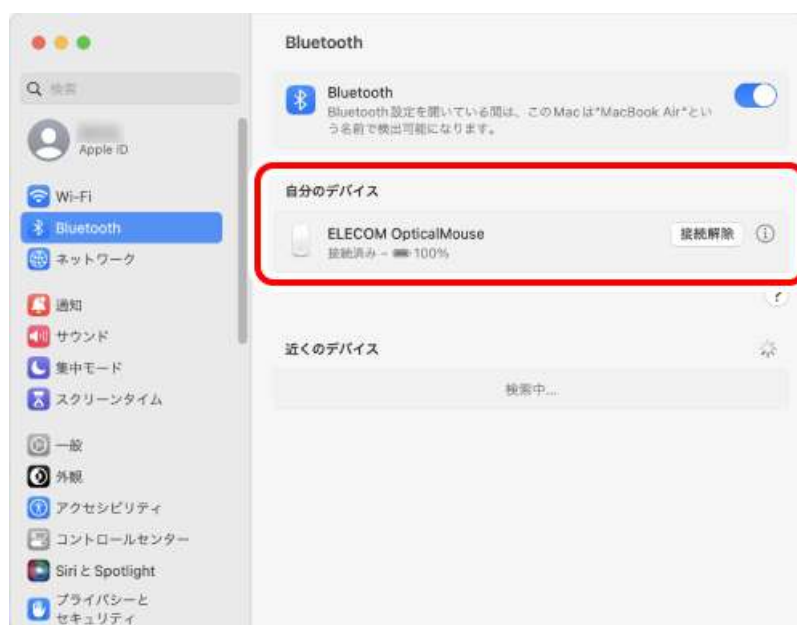


5) When "ELECOM OpticalMouse" is detected under "Nearby Devices", click "Connect".

Pairing begins.



6) Pairing is complete when the status of "ELECOM OpticalMouse" changes to "Connected".



You can now use the mouse.

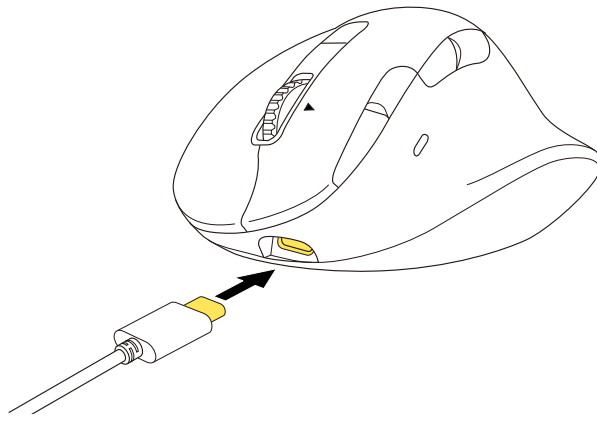
By downloading and installing the "ELECOM Mouse Assistant" from our company website, functions such as button assignment function and presentation mode can be used. Please proceed to "[Install ELECOM Mouse Assistant](#)".

Using wireless connection



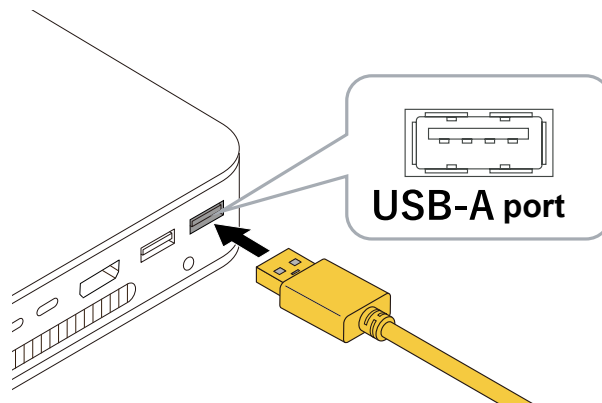
1.Charge the battery

1) Connect the rechargeable USB Type-C connector of the included charging cable to the USB Type-C port of this product.

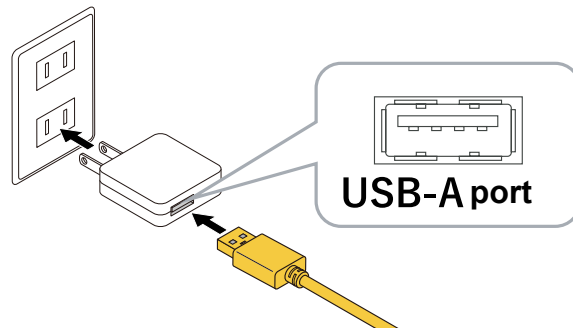


2) Connect the USB-A connector on the included charging cable to the USB-A port on your PC or a portable USB charger.

Connecting to a PC



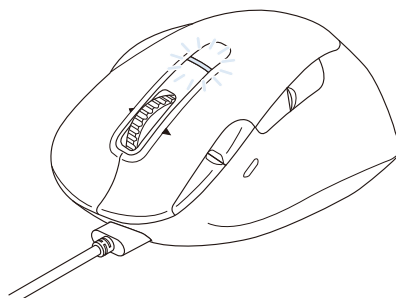
Connecting to a portable USB charger



- 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.

3) Turn on the power of the PC, if it has not been already switched on.

The LED light will flash slowly and charging begins. It turns off when charging is complete.



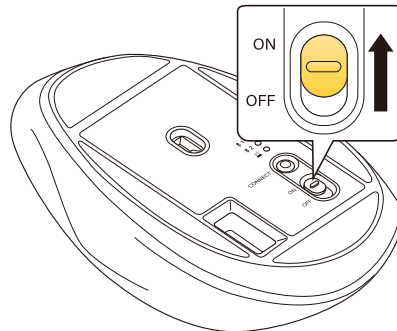


It will take approximately x hours until full charge.

If the LED light does not stop blinking even after the prescribed charging time, remove the charging USB cable and stop charging for the moment. Otherwise, this can cause overheating, rupturing or fires.

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 your PC has started up and can be operated.

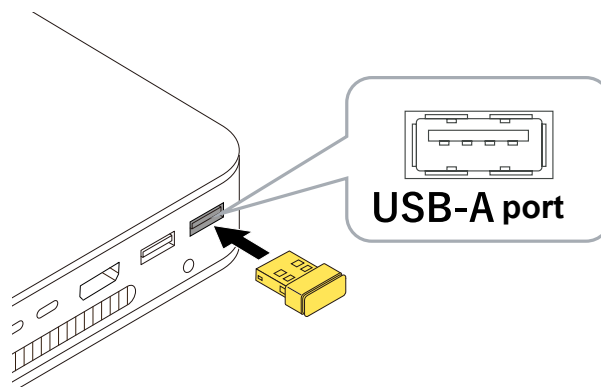
2) Using the **CONNECT** button, select the device () you want to connect to.

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.

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.



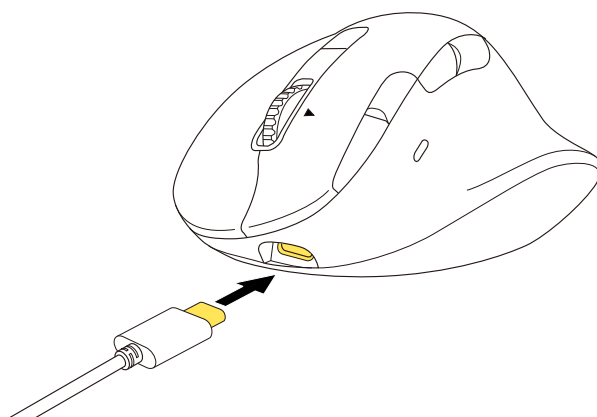
Unchecking "Natural scrolling" will cause the scroll direction to be reversed.

iPhone, iPad



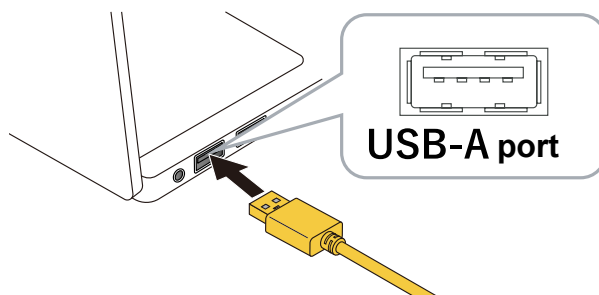
1. Charge the battery

- 1) Connect the rechargeable USB Type-C connector of the included charging cable to the USB Type-C port of this product.

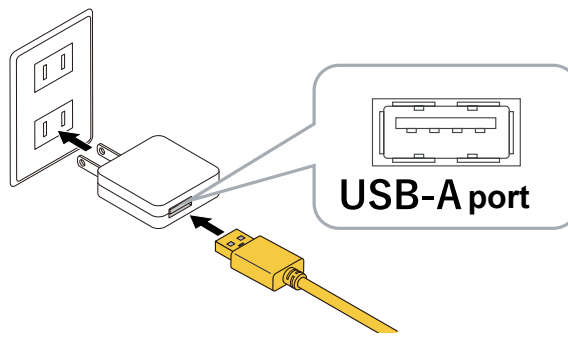


- 2) Connect the USB-A connector on the included charging cable to the USB-A port on your PC or a portable USB charger.

Connecting to a PC



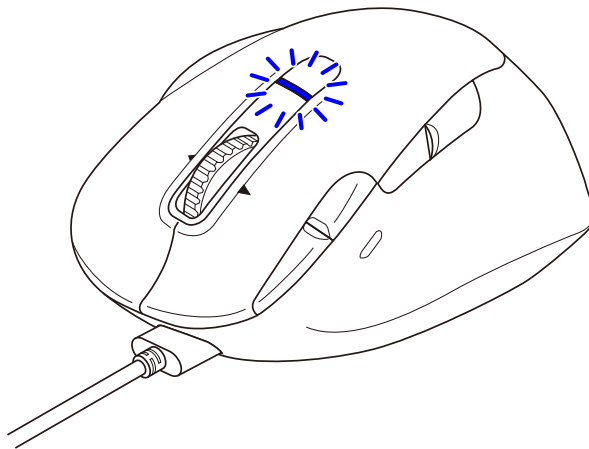
Connecting to a portable USB charger



- 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.

3) Turn on the power of the PC, if it has not been already switched on.

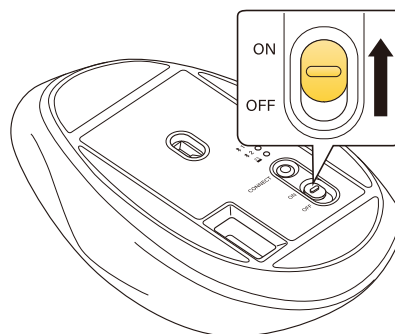
The LED light will flash slowly when charging begins. It turns off when charging is complete.



It will take approximately x hours until full charge.
If the LED light does not stop blinking even after the prescribed charging time, remove the charging USB cable and stop charging for the moment. Otherwise, this can cause overheating, rupturing or fires.

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.

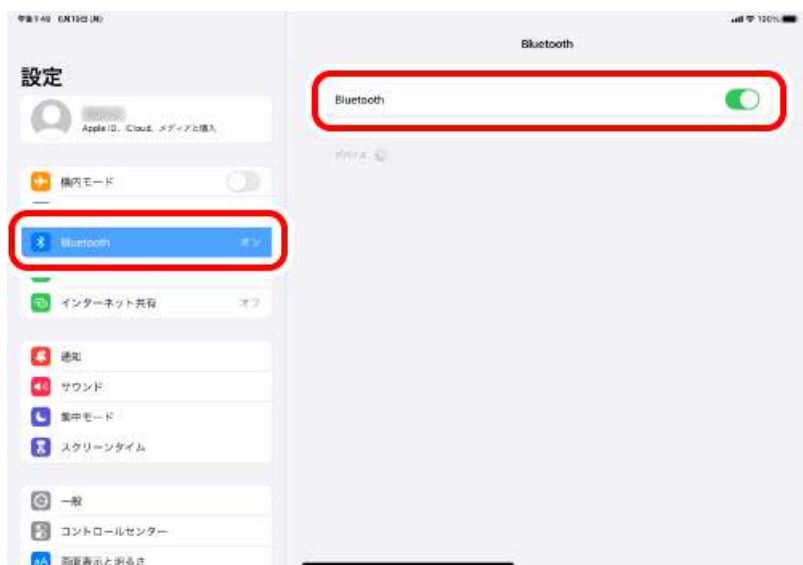
3. Pairing with an iPad or an iPhone

- 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) Using the CONNECT button, select the device (❶ or ❷) you want to connect to.

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



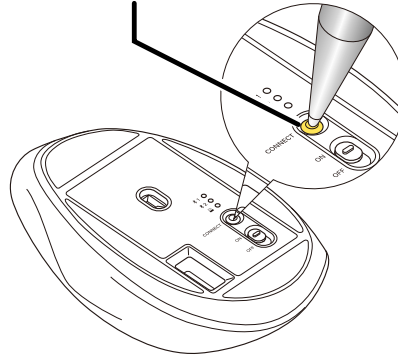
- Please refer to “[Switch connected device](#)” to switch between connected devices.
- The selected connected Bluetooth device will be registered under your paired devices.

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.

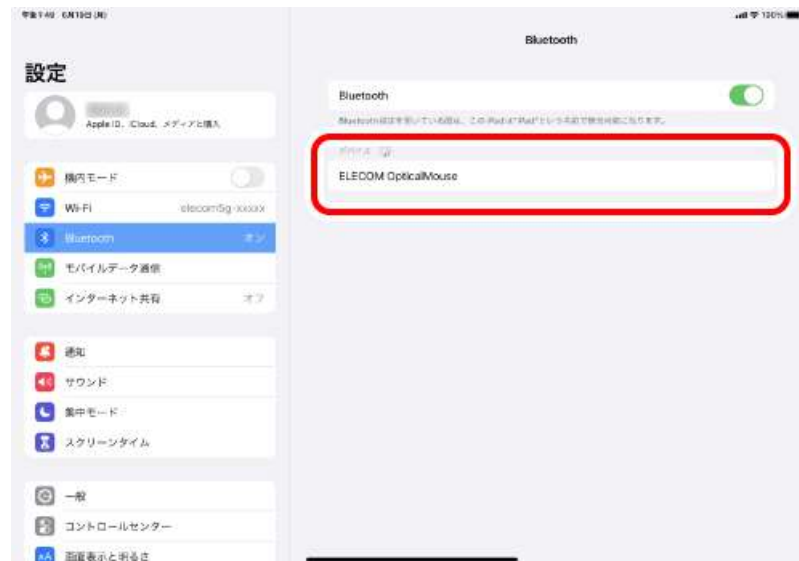
***Screen shots will be replaced with English versions.**

CONNECT button

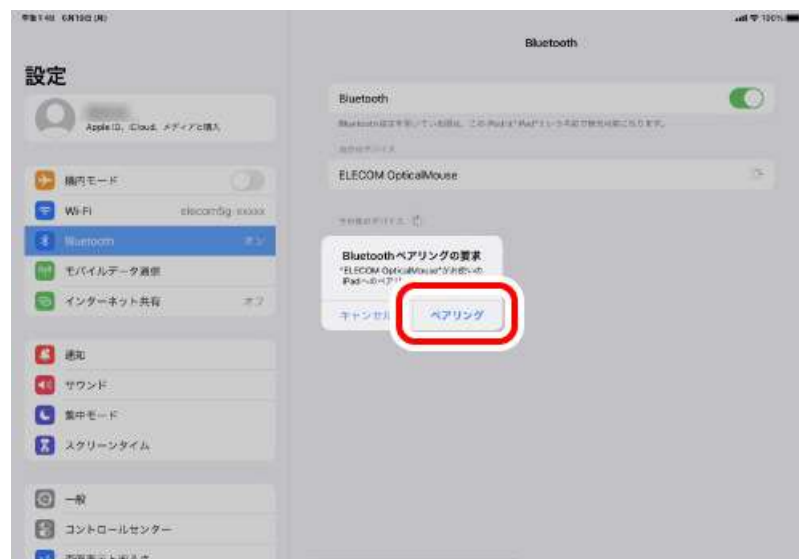


5) Tap on "ELECOM OpticalMouse" when it is detected under "DEVICES".

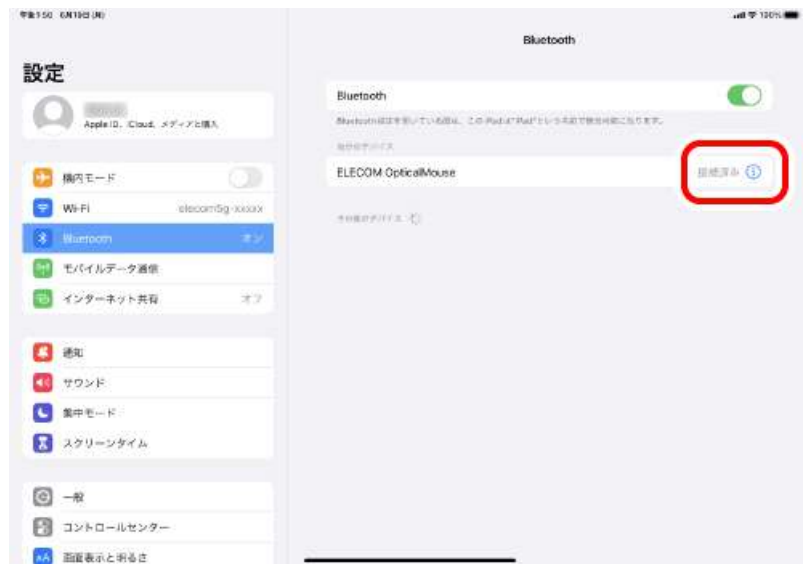
Pairing begins.



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”.

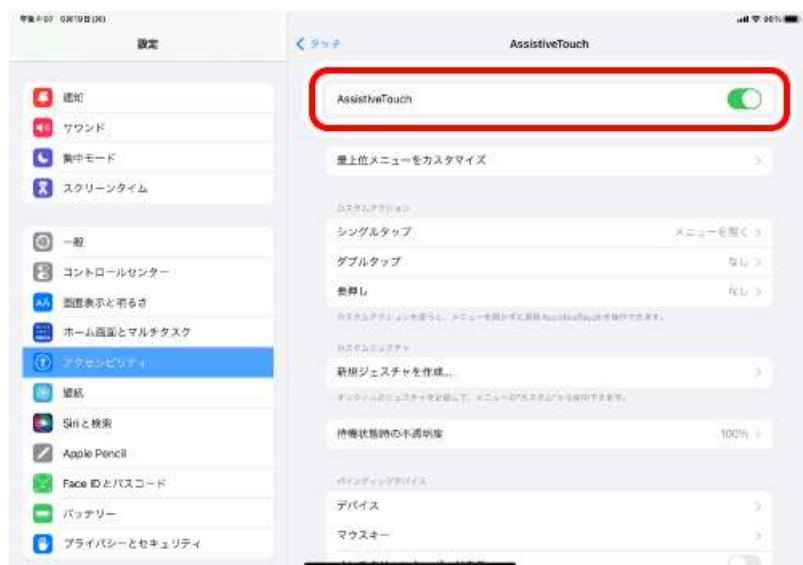
2) Tap on “Touch”.



3. Tap on “AssistiveTouch”.

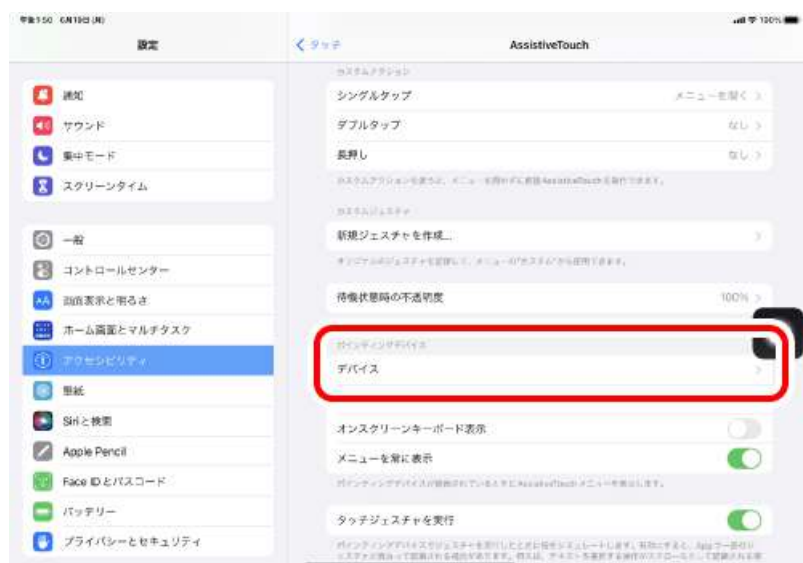


4. Tap on “AssistiveTouch” to turn ON.



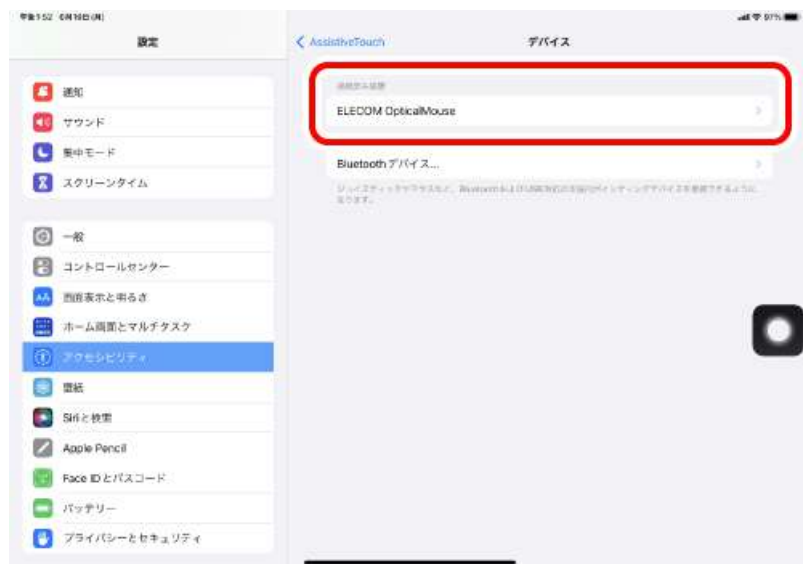
2. Assign custom actions to the buttons.

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

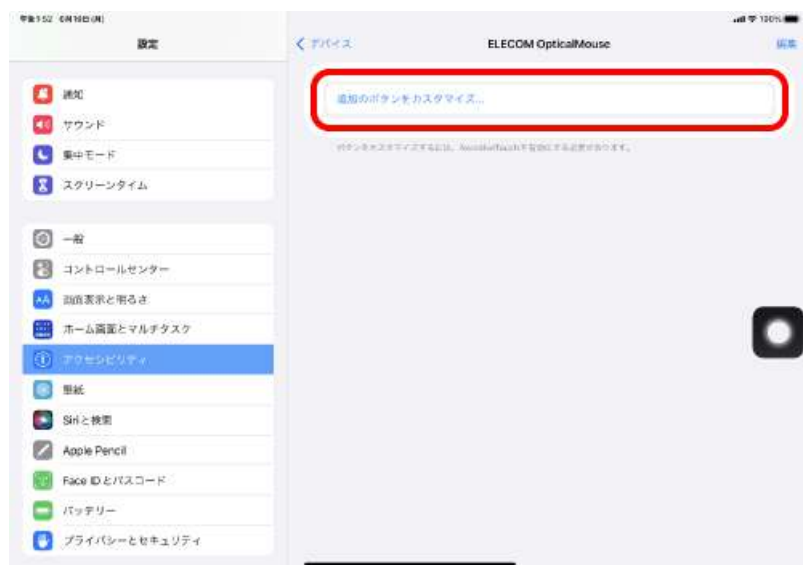


2) Tap on “ELECOM OpticalMouse”.

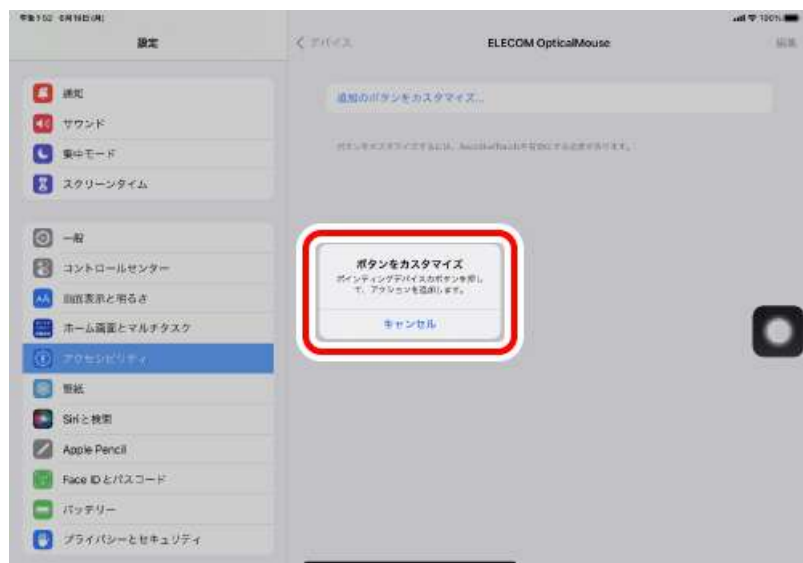
***Screen shots will be replaced with English versions.**



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



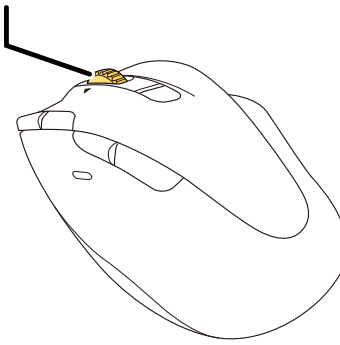
4) When the “Customize Button” page loads, click on the button on the mouse to be added.



*** When adding “Button 3”.**

*** Screen shots will be replaced with English versions.**

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.



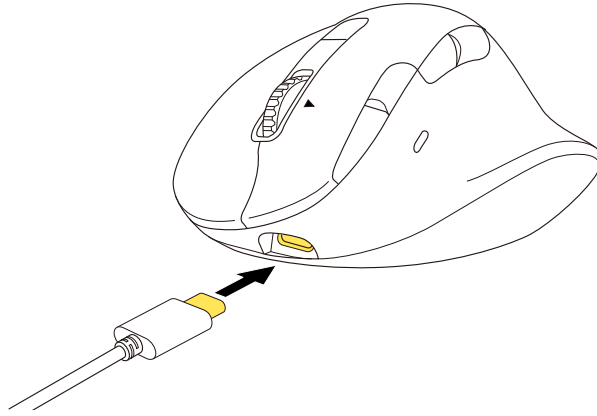
When AssistiveTouch is OFF, the Custom Action function is disabled and only the initial right click, left click and wheel scroll functions may be used.

Android



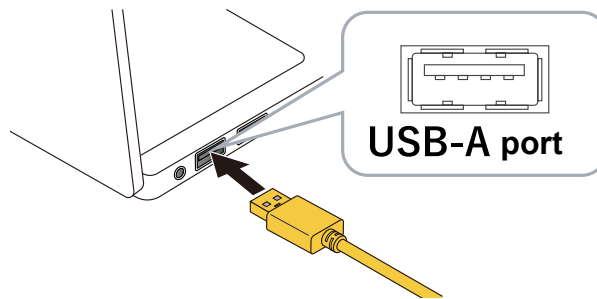
1. Charge the battery

1) Connect the rechargeable USB Type-C connector of the included charging cable to the USB Type-C port of this product.

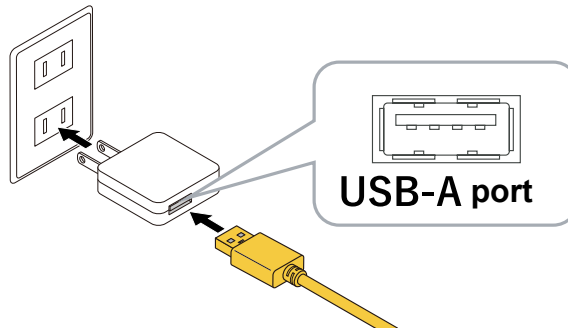


2) Connect the USB-A connector on the included charging cable to the USB-A port on your PC or a portable USB charger.

Connecting to a PC



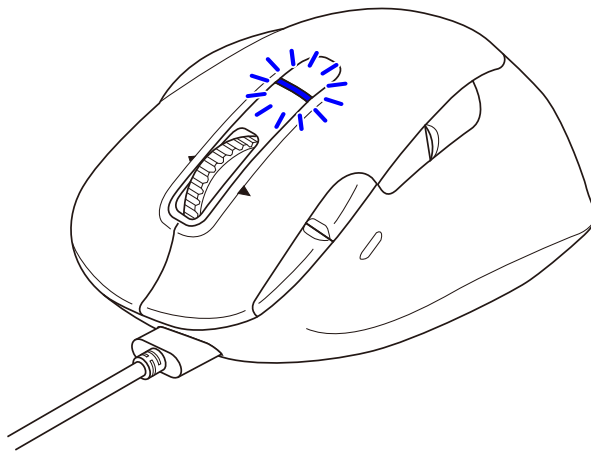
Connecting to a portable USB charger



- 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.

3) Turn on the power of the PC, if it has not been already switched on.

The LED light will flash slowly when charging begins. It turns off when charging is complete.

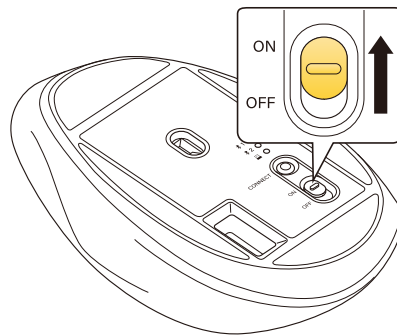


It will take approximately x hours until full charge.

If the LED light does not stop blinking even after the prescribed charging time, remove the charging USB cable and stop charging for the moment. Otherwise, this can cause overheating, rupturing or fires.

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 13) are as follows. There may be differences depending on the OS version or device.

1) Tap on "Settings".

2) Tap on "Connection settings".



3) Tap on “New devices and pairing settings”



4) Using the **CONNECT** button, select the device (❶ or ❷) you want to connect to.

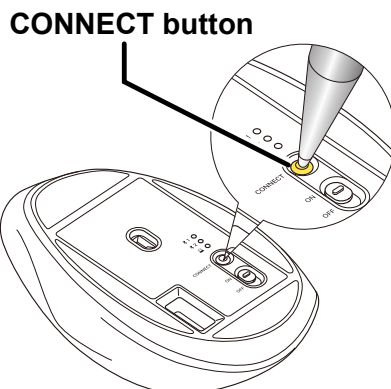
The LED light and the status light will light up blue for 3 seconds.



- 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 OpticalMouse” when it is detected under “Available devices”.

***Screen shots will be replaced with English versions.**



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

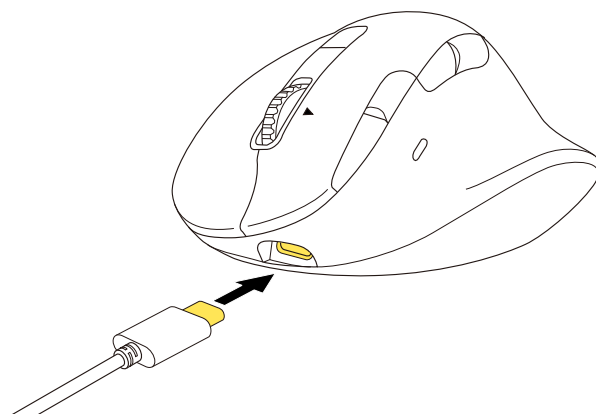


Using Bluetooth connection



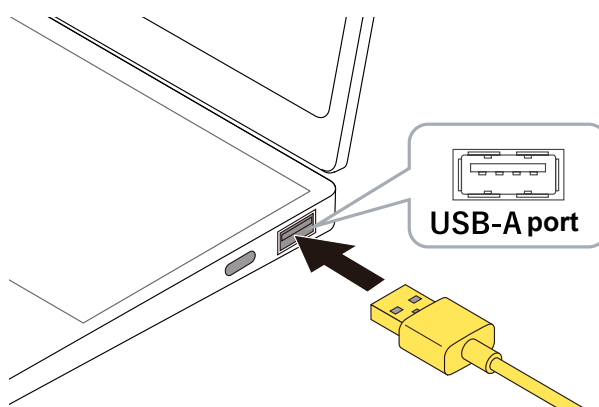
1. Charge the battery

- 1) Connect the rechargeable USB Type-C connector of the included charging cable to the USB Type-C port of this product.

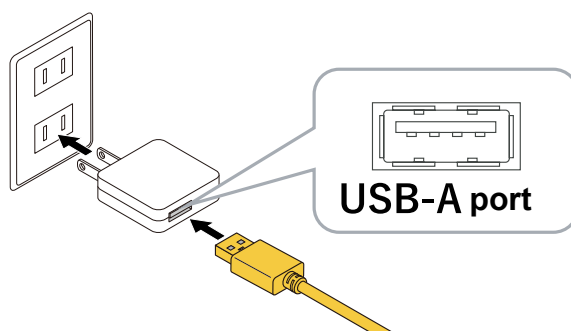


- 2) Connect the USB-A connector on the included charging cable to the USB-A port on your PC or a portable USB charger.

Connecting to a PC



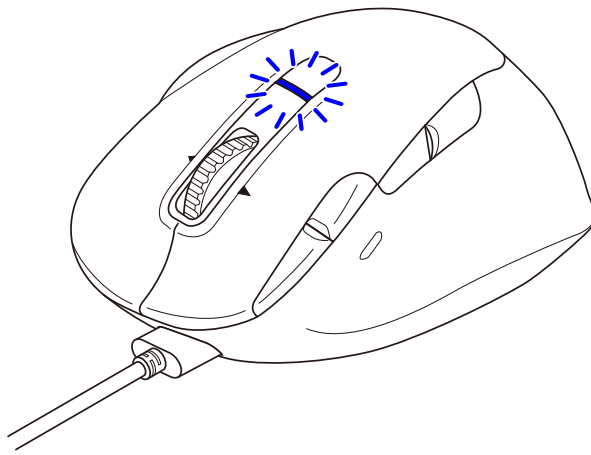
Connecting to a portable USB charger



- 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.

- 3) Turn on the power of the PC, if it has not been already switched on.

The LED light will flash slowly when charging begins. It turns off when charging is complete.

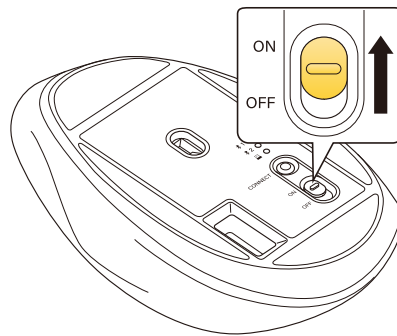


It will take approximately x hours until full charge.

If the LED light does not stop blinking even after the prescribed charging time, remove the charging USB cable and stop charging for the moment. Otherwise, this can cause overheating, rupturing or fires.

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.

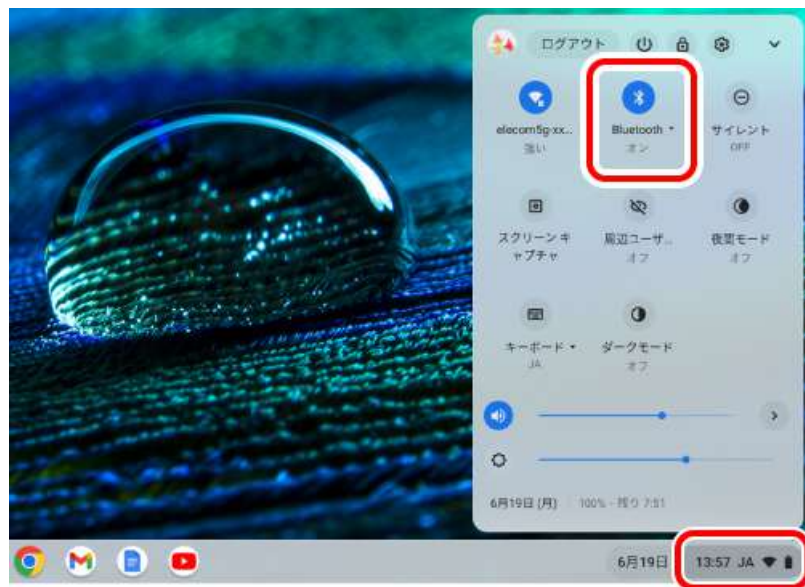
3. Pairing with a PC

- 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 (107.0.5304.110).

1) Click on the quick settings panel on the bottom right.

2) Click "Bluetooth".

If "Bluetooth" is off, turn it on.



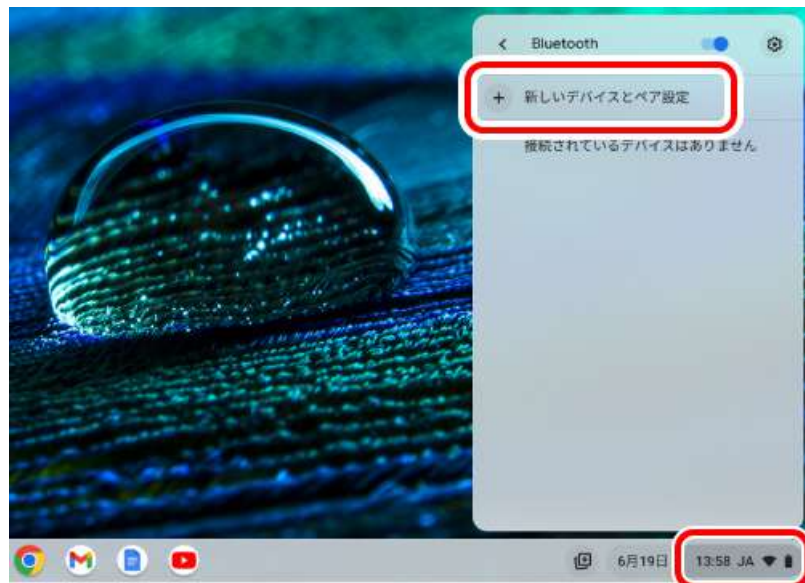
3) Using the **CONNECT** button, select the device (✕ 1 or ✕ 2) you want to connect to.

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 on “Pair new device”.

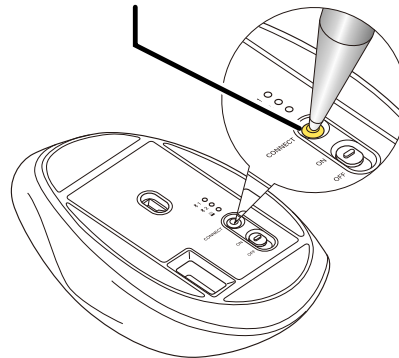


5) During the device search, hold down the **CONNECT** button on the underside for 3 seconds and then release.

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

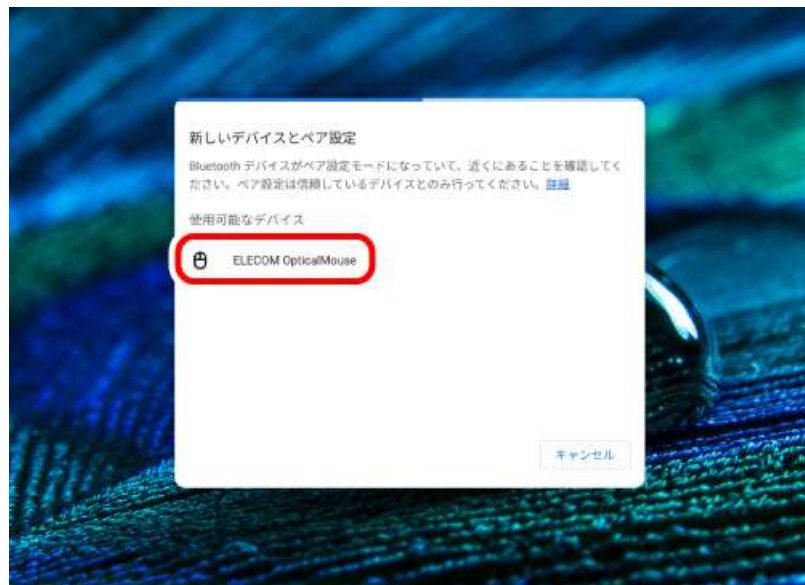


CONNECT button

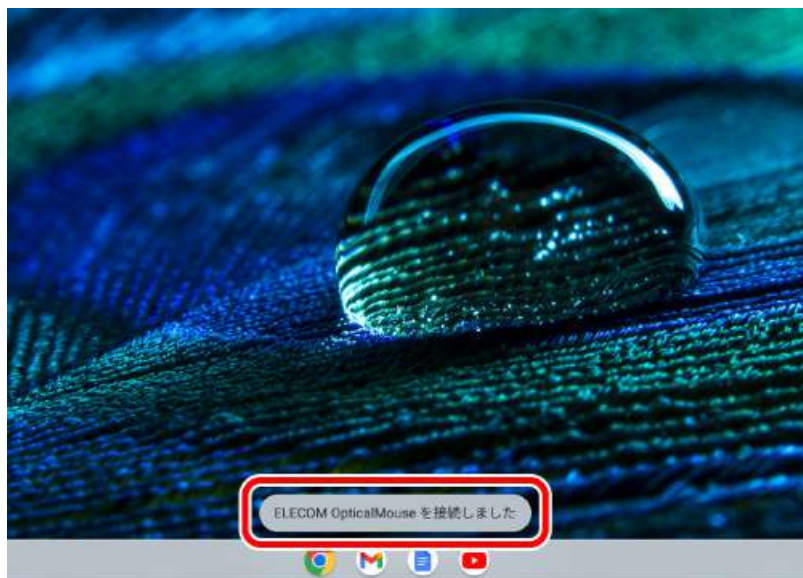


6) Click on "ELECOM OpticalMouse".

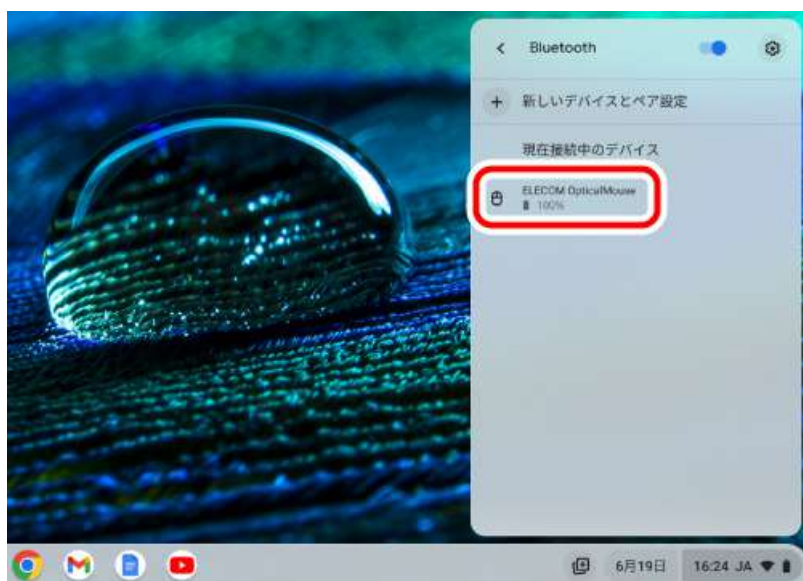
Pairing begins.



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



Click "Bluetooth" like in step 2. Pairing is complete when "ELECOM OpticalMouse" appears under "Currently connected".

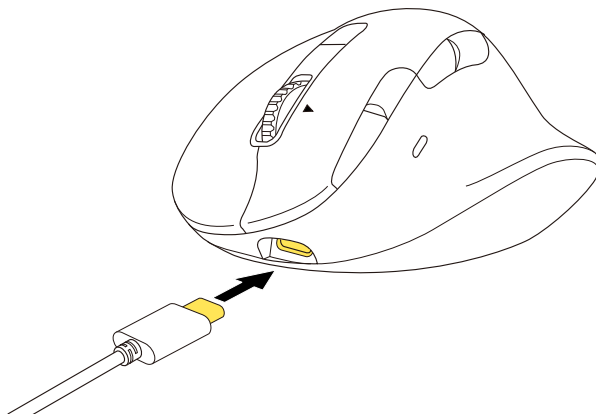


You can now use the mouse.

Using wireless connection

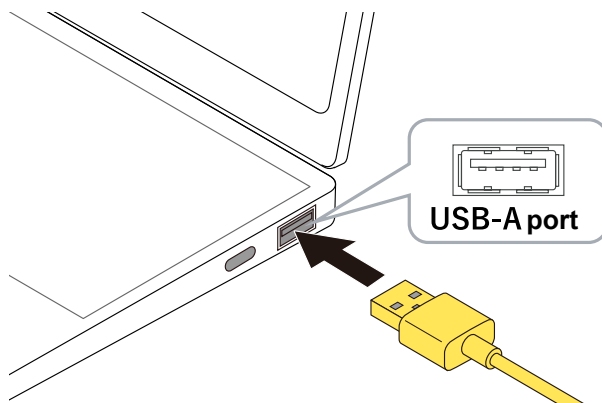
1.Charge the battery

- 1) Connect the rechargeable USB Type-C connector of the included charging cable to the USB Type-C port of this product.

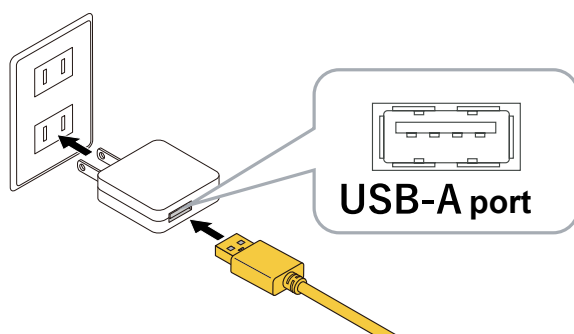


2) Connect the USB-A connector on the included charging cable to the USB-A port on your PC or a portable USB charger.

Connecting to a PC



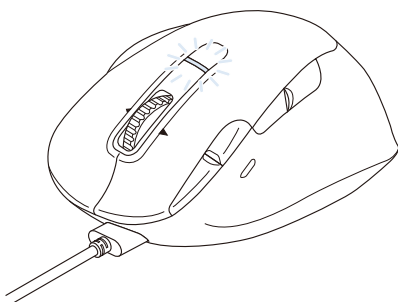
Connecting to a portable USB charger



- 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.

3) Turn on the power of the PC, if it has not been already switched on.

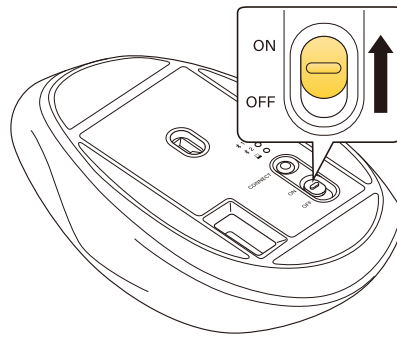
The LED light will flash slowly and charging begins. It turns off when charging is complete.



It will take approximately x hours until full charge.
If the LED light does not stop blinking even after the prescribed charging time, remove the charging USB cable and stop charging for the moment. Otherwise, this can cause overheating, rupturing or fires.

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 your PC has started up and can be operated.

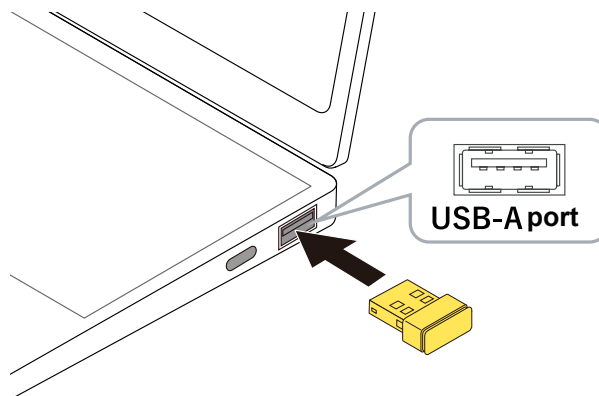
2) Using the **CONNECT** button, select the device () you want to connect to.

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.

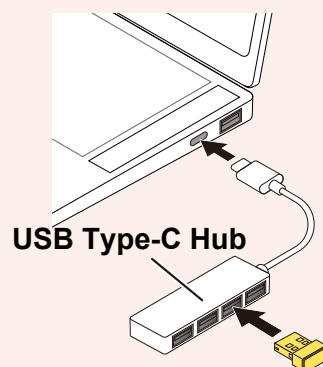
3) Insert the receiver unit into the PC's USB-A port.



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.

***Screen shots will be replaced with English versions.**

- 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.

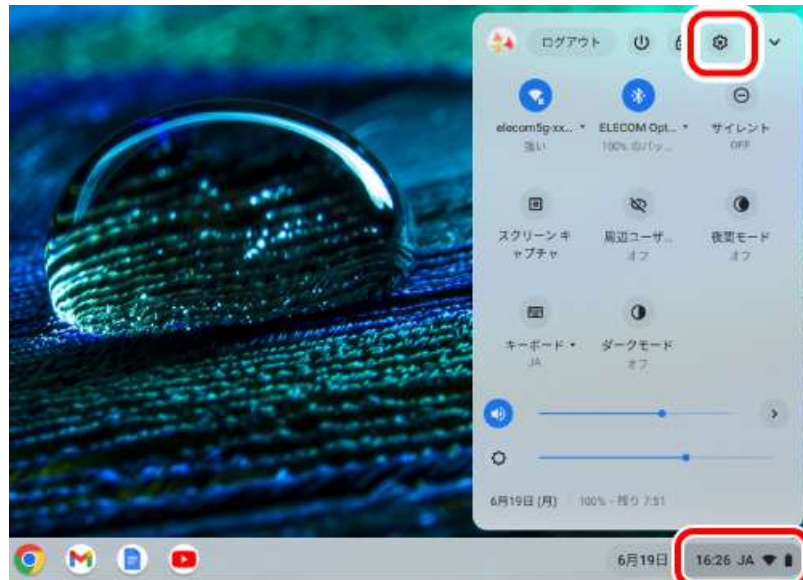
Change the mouse pointer speed

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

1) Click on the quick settings panel on the bottom right.

2) Click on “Settings”.

The settings page will appear.



3) Click on “Mouse and touchpad” under “Device”.



4) Adjust the “Mouse speed” slider to adjust the speed of the mouse pointer.



Install ELECOM Mouse Assistant



To use the function assignment function and presentation mode with this product, the ELECOM Mouse Assistant must be installed.

“ELECOM Mouse Assistant” is a software that allows you to use the mouse more effectively.

Using ELECOM Mouse Assistant, users can set the functions they want to the unique buttons and use them to perform the operations they want.

■ Get ELECOM Mouse Assistant

Please visit our homepage below and download the latest version of the application.

> The download page is [here](#)

Specifications



Connector type	USB Type-A plug
Connection method	USB 2.4 GHz wireless / Bluetooth® wireless
Bluetooth® standard	Bluetooth 5.0 Class 2
Conformity standards	HOGP (HID Over GATT Profile)
Supported OS (Windows)	Windows 11, Windows 10
Supported OS (Android)	Android 12
Supported OS (macOS)	macOS Ventura 13
Supported OS (iOS and iPad)	iOS and iPad OS 16
Supported OS (ChromeOS)	ChromeOS
Communication method	GFSK
Radio frequency	2.4 GHz

Radio wave range	Maximum distance approximately 10 m *May vary depending on the environment.
Sensor Resolution	2000/1000 DPI
Sensor type	Ultimate BlueLED
Buttons	8 * including wheel button
Number of wheels	1
Receiver unit storage compartment	Supported
Power Supply (Mouse)	Built-in lithium-ion battery (rechargeable)
Battery life	Maximum approximately 1 month * May vary depending on the usage conditions.
Size category	M-XGS50MBS series: S size M-XGM50MBS series: M size M-XGL50MBS series: L size M-XGXL50MBS series: XL size
External dimensions (main unit)	M-XGS50MBS series: approximately width 71 mm × length 108 mm × height 52 mm / width 2.8 in. × length 4.3 in. × height 2.0 in. M-XGM50MBS series: approximately width 75 mm × length 114 mm × height 55 mm / width 3.0 in. × length 4.5 in. × height 2.2 in. M-XGL50MBS series: approximately width 79 mm × length 120 mm × height 58 mm / width 3.1 in. × length 4.7 in. × height 2.3 in. M-XGXL50MBS series: approximately width 82 mm × length 126 mm × height 61 mm / width 3.2 in. × length 5.0 in. × height 2.4 in.
External dimensions (receiver)	Approximately width 15 mm × length 20 mm × height 7 mm / width 0.6 in. × length 0.8 in. × height 0.3 in.
Weight (main unit)	M-XGS50MBS series: approximately xx g / approximately x.x oz M-XGM50MBS series: approximately xx g / approximately x.x oz M-XGL50MBS series: approximately xx g / approximately x.x oz M-XGXL50MBS series: approximately xx g / approximately x.x oz
Mass (receiver unit)	Approximately 2 g / 0.07 oz
Operating environment conditions	Temperature: 5 °C to 40 °C / 41 °F to 104 °F, humidity: 90 % RH (without condensation)
Storage environment conditions	Temperature: -10 °C to 60 °C / 14 °F to 140 °F, humidity: 90 % RH (without condensation)
Accessories	Charging cable (USB-A to USB Type-C) (cable length: 0.3 m) × 1

Model/모델명: M-XGXL50MBS, E01A

▼ China / 中国

设备型号 M-XGM50BBS

CMIIT ID: XXXXXXXXXX

设备型号 M-XGL50BBS

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



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

CE Authorised representative:

Amazon Services Europe S.à r.l

38 avenue John F. Kennedy, L-1855 Luxembourg



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.

FR: INFORMATION DES CONSOMMATEURS SUR LA RÈGLE DE TRI

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

▼ Korea / 대한민국



모델명: M-XGXL50MBS

인증번호: R-R-ELJ-M-XGL50MBS

모델명: E01A

인증번호: R-R-ELJ-E01A

제작자 및 설치자는 해당 무선설비가 전파혼신 가능성이 있으므로 인명안전과 관련된 서비스는 할 수 없습니다.

▼ Singapore

Complies with
IMDA standards
DA106058.

Operating Frequencies: XXXX-XXXX MHz

Maximum field intensity / RF Output power: X.XX mW

▼ Taiwan / 台灣



T33407
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



BSMI

型號 **M-XGXL50MBS:** CCAH23LP5370T1

型號 **M-XGM50MBS:** CCAH23LP5371T0

型號 **E01A:** CCAH23LP5360T8

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▼ 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



WEEE Disposal and Recycling Information

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▼ US

FCC ID: YWO-M-XGXL50MBS

FCC ID: YWO-E01A

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