Trackball Mouse

User Manual

Compliant model: MHT1MR, E01G

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

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

⚠DANGER

Failure to adhere precautions carries high risks 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.

Stop using this product if the built-in rechargeable battery leaks. This can cause the product to heat up or be damaged.

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

If you notice any leaking, discoloration, deformation, or any other abnormalities from past usage, stop using 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 do not insert or remove this product with wet hands.
Doing so may result in electric shock or injury.

Please use at the prescribed voltage.
Usage outside the prescribed 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 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, turn OFF the power. 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 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.
Malfunction is not covered under warranty.

Do not put this product in fire.
Breakage may cause fire or injury.

Please do not insert or pull out the receiver unit with wet hands.
It can cause a fire or electric shock.

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

⚠CAUTION

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

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

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

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

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

■ About the rechargeable lithium-ion battery

A lithium-ion battery is built into the product. Lithium ion batteries tend to show a decrease in performance the longer they are used. You may notice that over time, the battery takes longer to be charged fully, or that the battery does not last as long on standby; these are characteristics of the battery and it is not a fault with the product.

If the time required to take to reach full charge becomes extremely short, the battery has reached its end of life. However, it is not replaceable.

Li-ion 00

Regarding the recycling of lithium-ion batteries

- Lithium-ion batteries are precious resources that can be recycled, so we request for your cooperation in recycling.
- Do not dispose this product as household waste. The disposed lithium ion battery can be damaged inside a garbage truck, cause a short circuit, and lead to a fire or heat generation.
- Follow the guidance of the local municipal government when disposing of this product. Enquire about the regulations with your local government.
- Do not disassemble the battery when disposing.

■ Cleaning the Product

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

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

Please take caution regarding the following for disinfection.

Gently soak a cleaning cloth, such as a microfiber cloth, in the disinfectant solution. Ensure there are no loose droplets and gently wipe the product using the cloth.
After wiping, dry thoroughly and wipe off any residual liquid.
*Do not spray any liquid onto the product directly. Doing so can cause electric malfunctions.

IMPORTANT

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

Do not use organic solvents or expose the product to ultraviolet light.
Using these can cause damage to the exterior such as the deterioration of the housing components or paints.

We recommend using disposable gloves.

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

Please turn off any connected devices.
*When in sleep or hibernation mode, turn off connected devices.
*Please unplug the AC adapter and power cable from the outlet.

- Please note that the customer is fully responsible for repair costs in the event that the product is damaged or operates abnormally due to the disinfection process.
- It is recommended that you sanitize your hands before and after using PCs and peripherals that are used by multiple people to prevent the spread of infection through the equipment.

Cautions for Wireless Equipment

This product is a wireless device that can use the entire 2.4 GHz band, and is able to avoid the mobile entity identification device range. The GFSK method is adopted as the radio wave method, and the

interference distance is 10 m. The 2.4 GHz band is also used in medical devices, Bluetooth, and wireless LAN devices of the IEEE 802.11b/11g/11n standards.

・Before using this product, check that there are no other “radio stations”* operating nearby.

・If electromagnetic interference occurs between this product and other “radio stations”*, use this product in another location or stop using this product.

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

⚠WARNING

・Do not use with any equipment that may be significantly affected in the case of this product malfunctioning. There are rare cases in which an external radio wave at the same frequency, or the radio wave emitted from a mobile phone, causes this product to malfunction, slow down, or fail to operate.

・Do not use this product in places where radio wave usage is prohibited, such as hospitals. Radio waves of this product may affect electronic devices and medical devices (for example pacemakers).

・Due to the possibility of hindering safe navigation of aircraft, use of wireless trackball in aircraft is prohibited by the Civil Aeronautics Act. Turn off the power of the wireless 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 items are included in this package. Verify the package to ensure all items are accounted for prior to using this product. While every effort has been made to ensure proper packaging, in the event that any shortage or damage is discovered, please contact the retailer where the product was purchased.

■ Product main unit

•Trackball main body × 1

•Receiver unit × 1

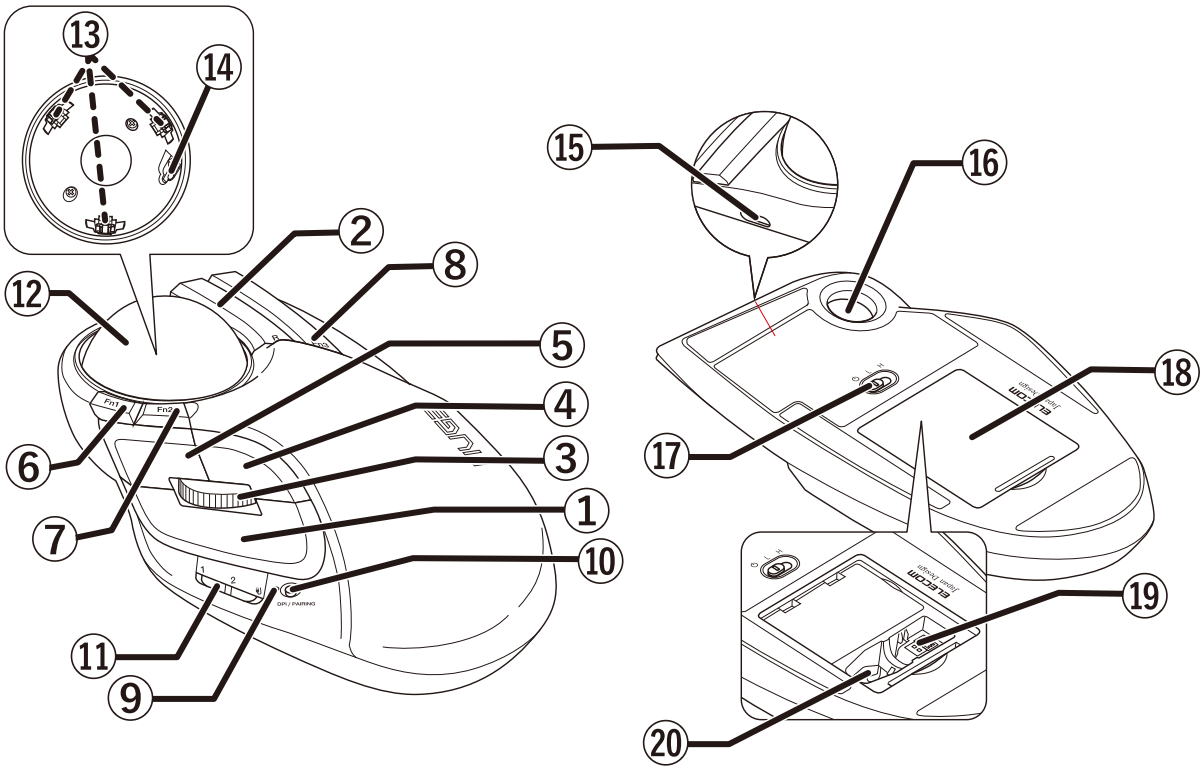
■ Consumables

- **Ball (52 mm) × 1**
- **Bearing support parts × 3**
- **USB Type-C® to USB-A cable (approx. 1.5 m) × 1**
- **Removal tool × 1**

The ball, support unit, receiver unit, and removal tool are already installed on the trackball body. Take out the receiver unit and removal tool as necessary.

Name and function of each part

■Trackball



① Left button

To left click on your PC.

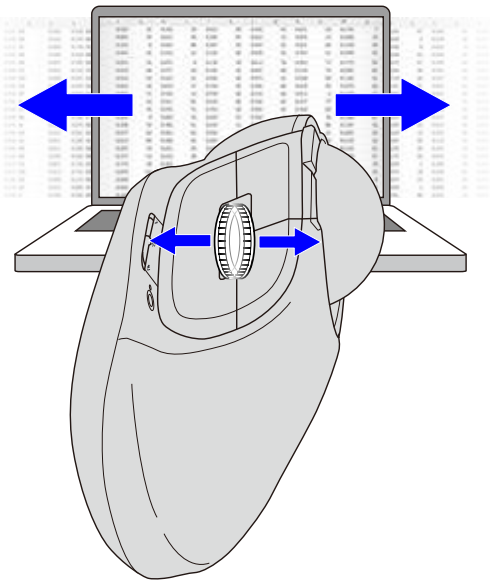
② Right button

To right click on your PC.

③ Tilt wheel

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

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



You will need to install the “ELECOM Mouse Assistant 6” from our website to use the left and right scroll function on Windows. Refer to “Install ELECOM Mouse Assistant V6”.

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 6” from our website to use the “Back” and “Forward” button on Mac. Refer to “Install ELECOM Mouse Assistant 6”.

⑥ Multi-function button 1

⑦ Multi-function button 2

⑧ Multi-function button 3

Functions can be assigned to function buttons 1 to 3. At the time of purchase, no functions have been assigned.

In order to assign functions to the function buttons, download and install “ELECOM Mouse Assistant V6” from our company website. Refer to “Install ELECOM Mouse Assistant V6”.

⑨ LED light

- ⑩ When the DPI button is clicked to switch between DPI count, the LED will light up in the following manner for 3 seconds.
  ●Low: 500 dpi → ●Mid: 1000 dpi → ●High: 1500 dpi → Low: 500 dpi → ....
  The default value is set to ●Mid: 1000 dpi.
- When the power is turned ON (low-energy mode or high-speed mode), the LED will light up for 5 seconds in the color corresponding to the selected DPI count.
- During pairing mode for Bluetooth connection, the LED will blink in the color corresponding to the selected DPI count. (The default color is ●Blue.)
- ⑪ When switching between connection types using the connection selection switch, the LED will light up in the color corresponding to the selected DPI count. (The default color is ●blue.)
- During use, when the battery level is low, the LED will blink slowly in the color corresponding to the selected DPI count. (The default color is ●Blue.)

⑩ DPI/Pairing button

- DPI count (pointer movement speed) can be switched between 3 stages, Low/Mid/High, by pressing this button.
  The DPI count is as follows.
  Low: 500 DPI
  Mid: 1000 DPI
  High: 1500 DPI
- Press and hold for 3 seconds during Bluetooth pairing to enter pairing mode.

⑪ Connection selection switch

Slide this to switch between devices connected to this product.
Please refer to “Switch connected device”.

⑫ Ball (circumference: 52 mm)

Rotate using your fingertips to move the cursor.

⑬ Support parts (bearings)

Support the ball.
Support parts are consumables. Compatible support parts can be purchased separately to replace existing support parts.

Optional Parts

- Replacement bearing support parts (M-BS10)
- Replacement artificial ruby support parts (M-RS10)

⑭ Optical sensor (under the ball)

This sensor will detect the trackball's movements when you move the trackball.

⑮ USB Type-C port

- Connect to your PC by wired connection using the included USB Type-C - USB-A cable.
- To charge, plug in the included USB Type-C - USB-A cable.

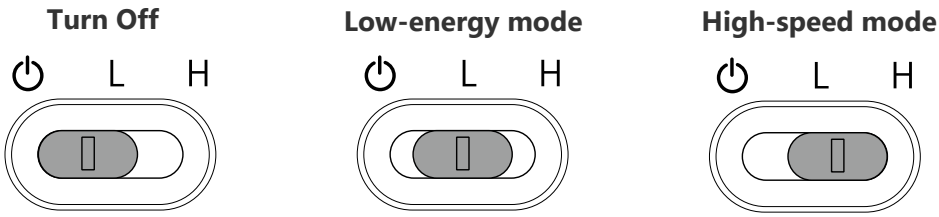
⑯ Ball removal hole

Push the ball out from here to clean the support parts in the housing.

*See "How to clean the trackball" for details.

⑰ Power mode selection switch

Turn ON or OFF the trackball and select the power mode (low-energy mode or high-speed mode).



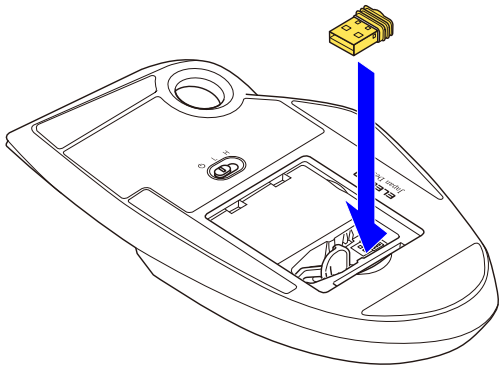
- Low-energy mode reduces energy consumption.
- In high-speed mode, tracking performance when moving the ball quickly is better, but more power is consumed.
  High-speed mode is permanently enabled when connected via USB cable.

⑱ Accessory storage compartment cover

Remove this cover to store the receiver unit or removal tool.

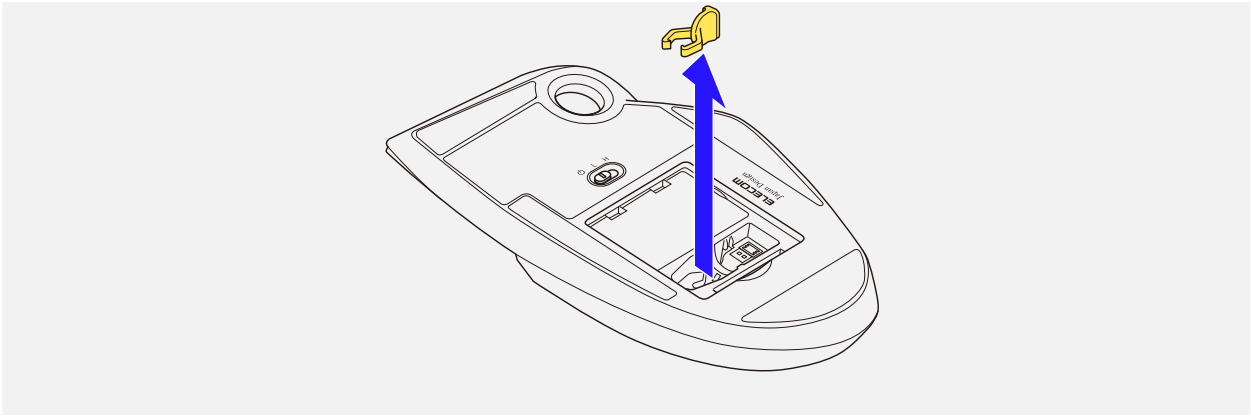
⑲ Receiver unit storage compartment

The receiver unit can be stored here when the trackball is connected via wire.

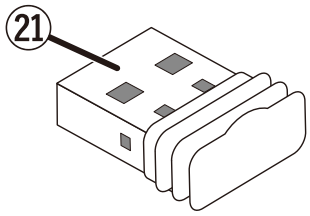


⑳ Removal tool storage compartment

The removal tool can be stored here.



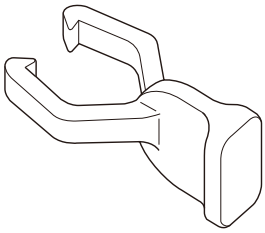
■Receiver unit



㉑ USB-A plug

Connects to the PC USB-A port.

■Removal tool



* See "How to replace support parts" for details.

Switch connected device

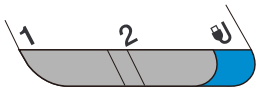
You can switch between the following connection destinations using the connection selection switch.

- Bluetooth® connection (1)
- USB 2.4GHz wireless connection (2)
- USB wired connection ( )

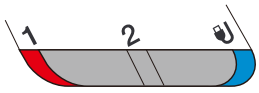
1) Switch between connections using the connection selection switch.

When switching to another connection destination, the LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

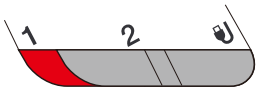
Bluetooth®connection



USB 2.4GHz wireless connection



USB wired connection



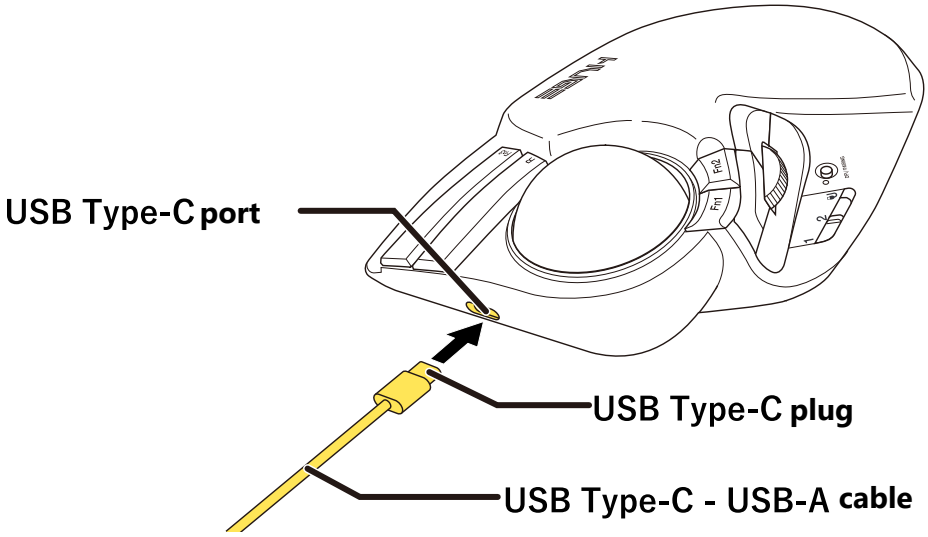
Connecting and Configuring the Trackball

Windows®

Using Bluetooth connection

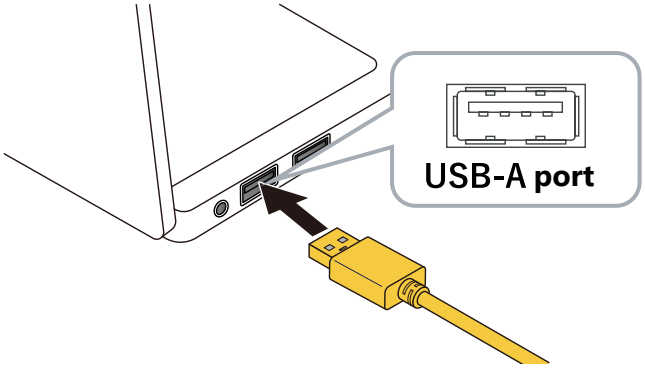
1.Charging the battery

1) Plug the USB Type-C plug of the included cable into the USB Type-C port on this product.

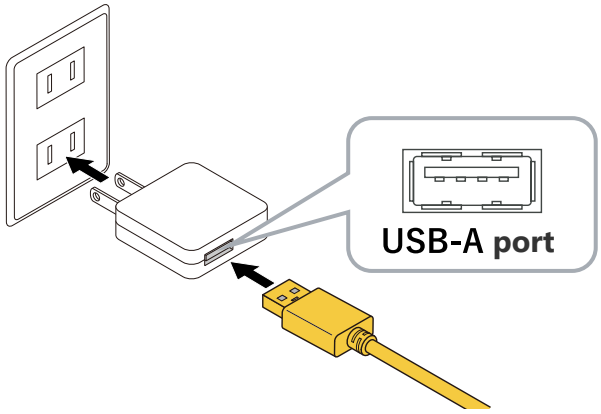


2) Insert the USB-A plug on the included charging cable into the USB-A port on your PC or a USB charging adapter.

Connecting to a PC



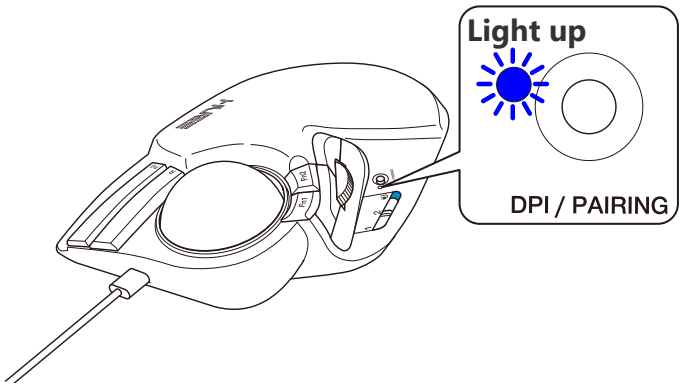
Connecting to a USB charging adapter



- 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 PC, if it has not been already switched on.

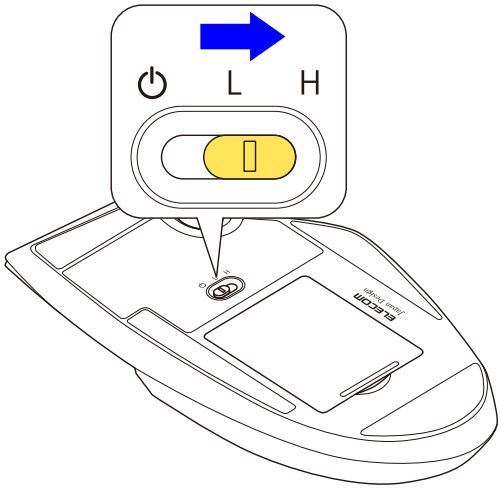
When charging begins, the LED will blink slowly in the color corresponding to the selected DPI count. When charging is complete, the LED will light up in the color corresponding to the selected DPI count. (The default color is ●Blue.)



It will take approximately x hours until full charge.
If the LED light does not light up 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 mode selection switch to either the H (Hi speed mode) or L (Low energy mode) position.



In Hi speed mode, tracking performance becomes greater when moving the ball quickly, but battery life is shortened.

Trackball power saving mode

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

Moving the trackball restores it from energy saving mode.

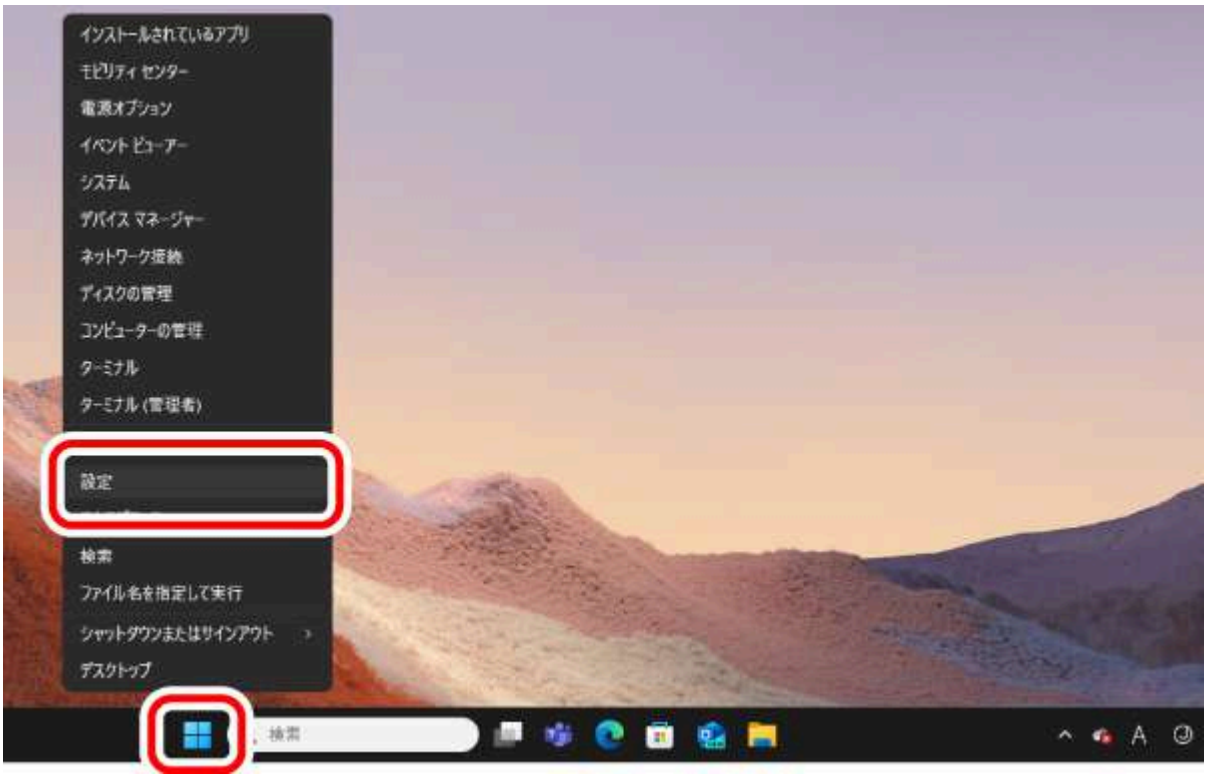
*For two to three seconds after restoring from energy saving mode, trackball operation may be unstable.

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.
- Use your current mouse or the touchpad on your device to operate your device until pairing is complete.
- The following instructions are for Windows 11 (24H2).

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

The “Settings” page will appear.



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

The “Add a device” page will appear.

If “Bluetooth” is off, turn it on.

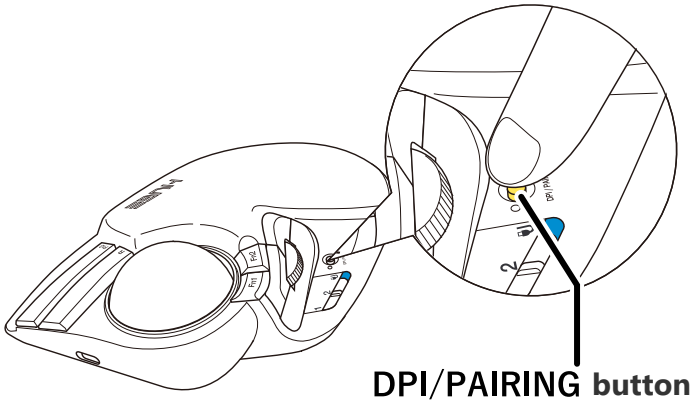
3) Switch to Bluetooth connection (1) using the connection selection switch.

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

4) Click "Bluetooth".

5) When the add device screen is displayed, hold down the DPI/PAIRING button for 3-4 seconds.

It will switch to pairing mode and the LED will blink slowly in the color corresponding to the selected DPI count. (The default color is ●Blue.)



6) Click “ELECOM HUGE”.

Pairing begins.

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

When pairing is complete, the LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

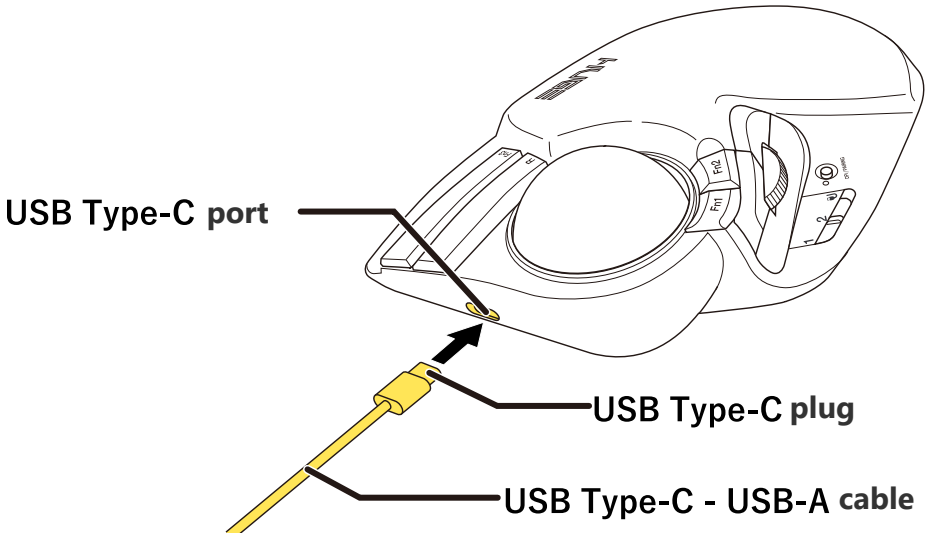
8) Pairing is complete when this product is added to “Bluetooth devices” and the status is “Connected”.

You can now use the trackball.

When using USB 2.4GHz wireless connection

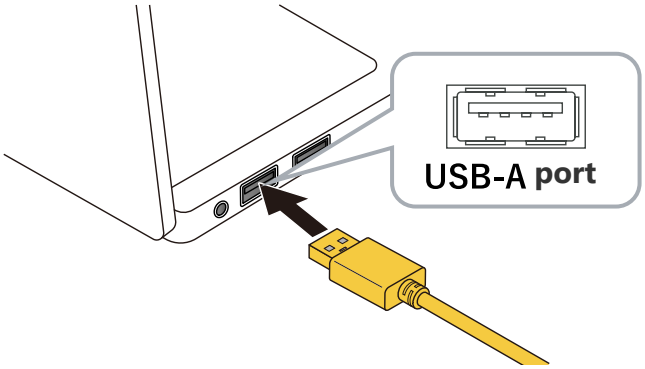
1.Charging the battery

1) Plug the USB Type-C plug of the included cable into the USB Type-C port on this product.

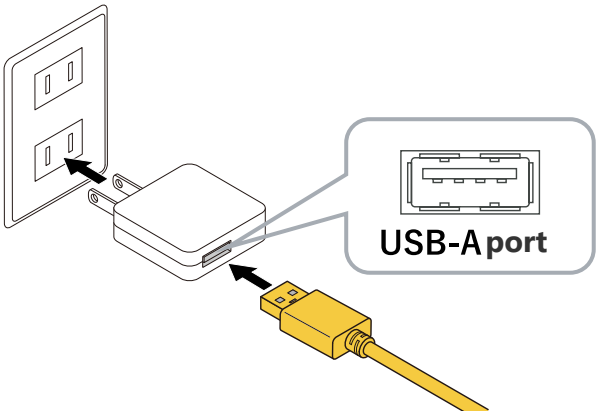


2) Insert the USB-A plug on the included charging cable into the USB-A port on your PC or a USB charging adapter.

Connecting to a PC



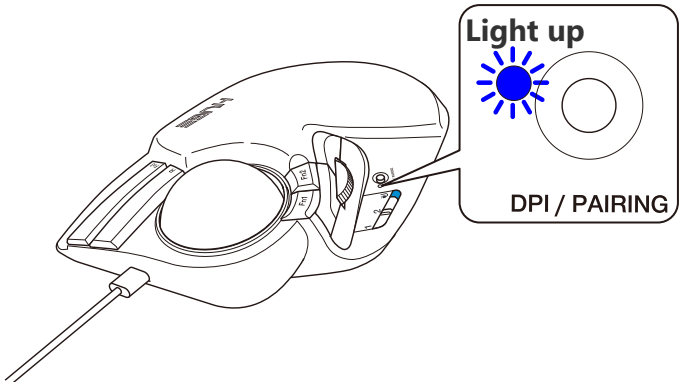
Connecting to a USB charging adapter



- 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 PC, if it has not been already switched on.

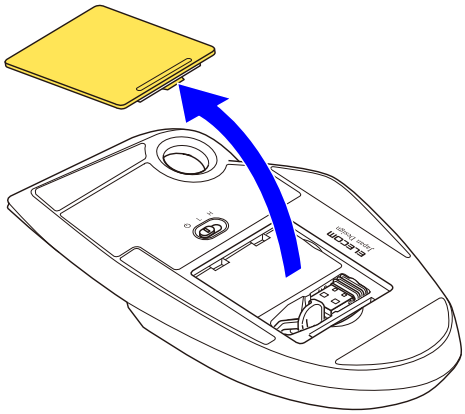
When charging begins, the LED will blink slowly in the color corresponding to the selected DPI count. When charging is complete, the LED will light up in the color corresponding to the selected DPI count. (The default color is ●Blue.)



It will take approximately x hours until full charge.
If the LED light does not light up 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.Remove the receiver unit.

1) Remove the accessory storage compartment cover.



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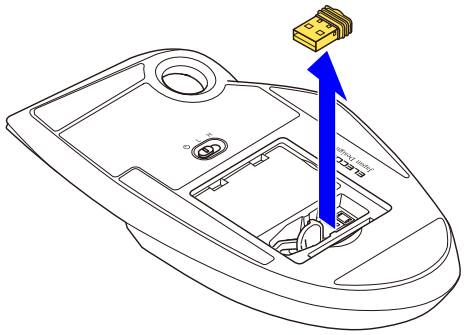
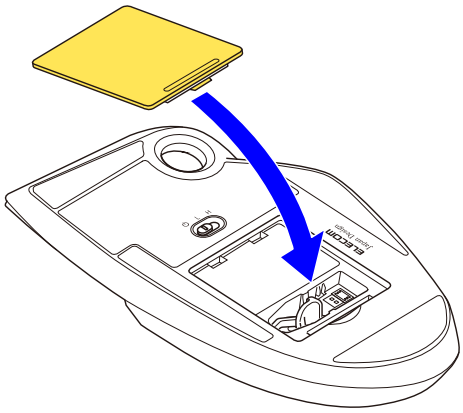
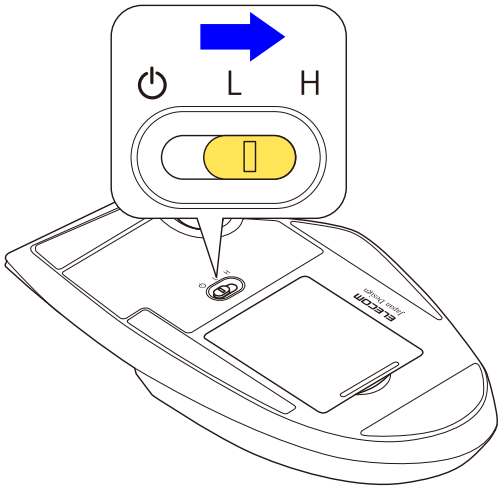


3) Put the accessory storage compartment cover back on.



3. Turn the power ON

1) Slide the power mode selection switch to either the H (Hi speed mode) or L (Low energy mode) position.



In Hi speed mode, tracking performance becomes greater when moving the ball quickly, but battery life is shortened.

Trackball power saving mode

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

Moving the trackball restores it from energy saving mode.

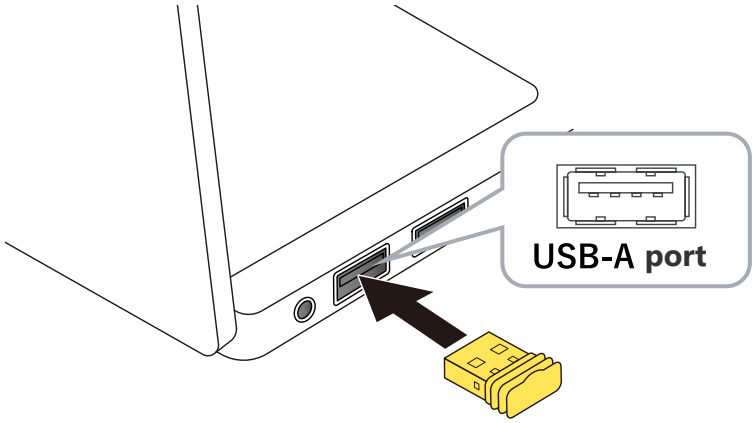
*For two to three seconds after restoring from energy saving mode, trackball operation may be unstable.

4. Connect to a PC

1) Start up your PC.

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

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



You may use any USB-A port.

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

3) Switch to USB 2.4GHZ wireless connection (2) using the connection selection switch.

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

When removing the receiver unit

This product supports hot plugging. You can remove the receiver unit even when the PC is running.

4) The driver is automatically installed and the trackball can be used.

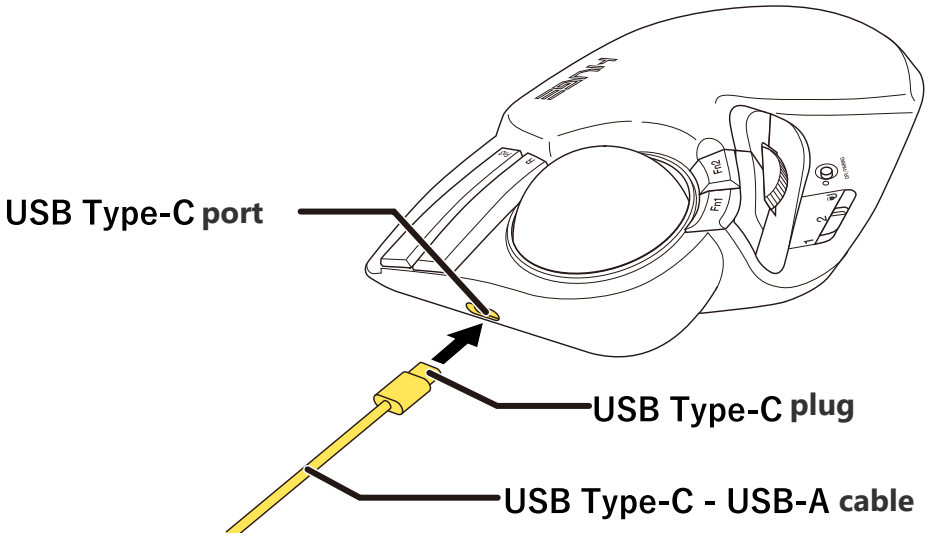
The LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

You can now use the trackball.

Using USB wired connection

Connecting to a PC

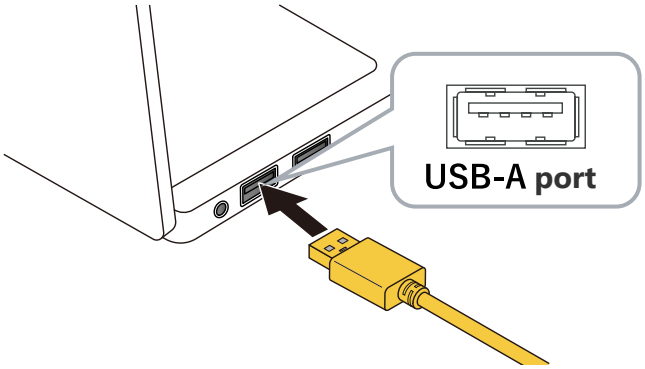
1) Plug the Type-C connector of the included USB Type-C - USB-A cable to the USB Type-C port of this product.



2) Start up your PC.

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

3) Plug the USB-A connector of the USB Type-C - USB-A cable into the USB-A port of the PC.



You may use any USB-A port.

- Do not pull or bend the cable using excessive force. A fire or electric shock may result from broken wires.
- 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.

4) Switch to USB wired connection (1) using the connection selection switch.

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

To remove the trackball

This product supports hot plugging. The trackball may be removed while your PC is in operation.

5) The driver is automatically installed and the trackball can be used.

The LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

You can now use the trackball.

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

Change the mouse pointer speed

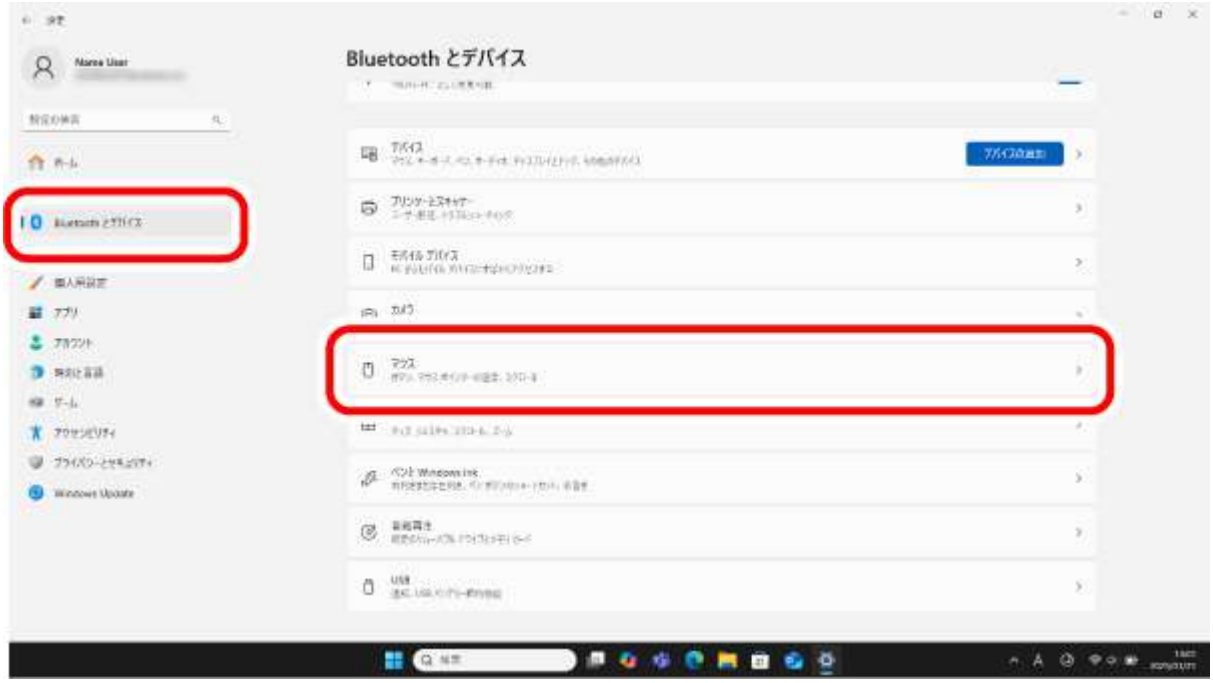
Adjust the mouse pointer movement speed on your PC if the mouse pointer moves too fast or too slow.

■ For Windows 11

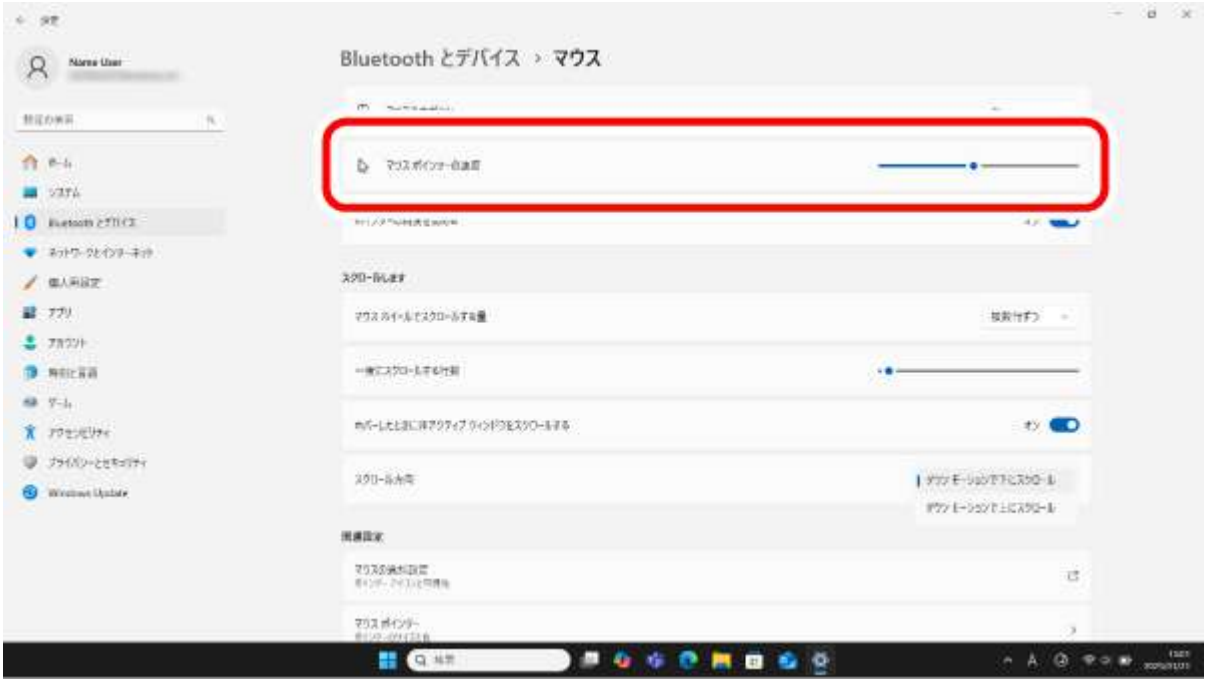
1) Click on "Start" on the bottom of the screen and select "Settings".

The "Settings" page will appear.

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



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



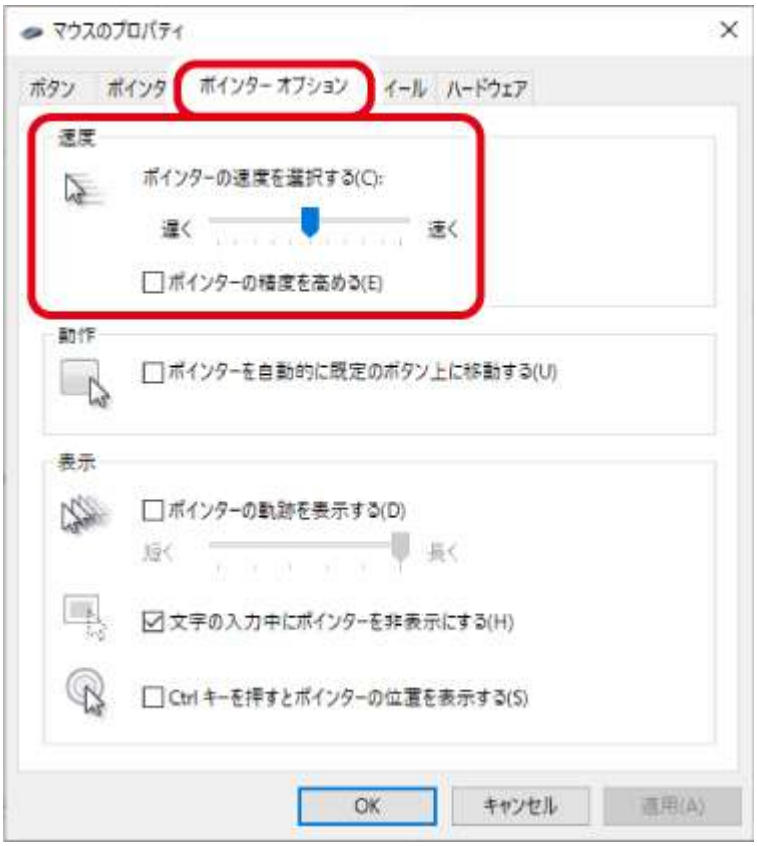
■ For Windows 10

1) Open “Mouse” properties.

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

2) Select the “Pointer Options” tab.

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



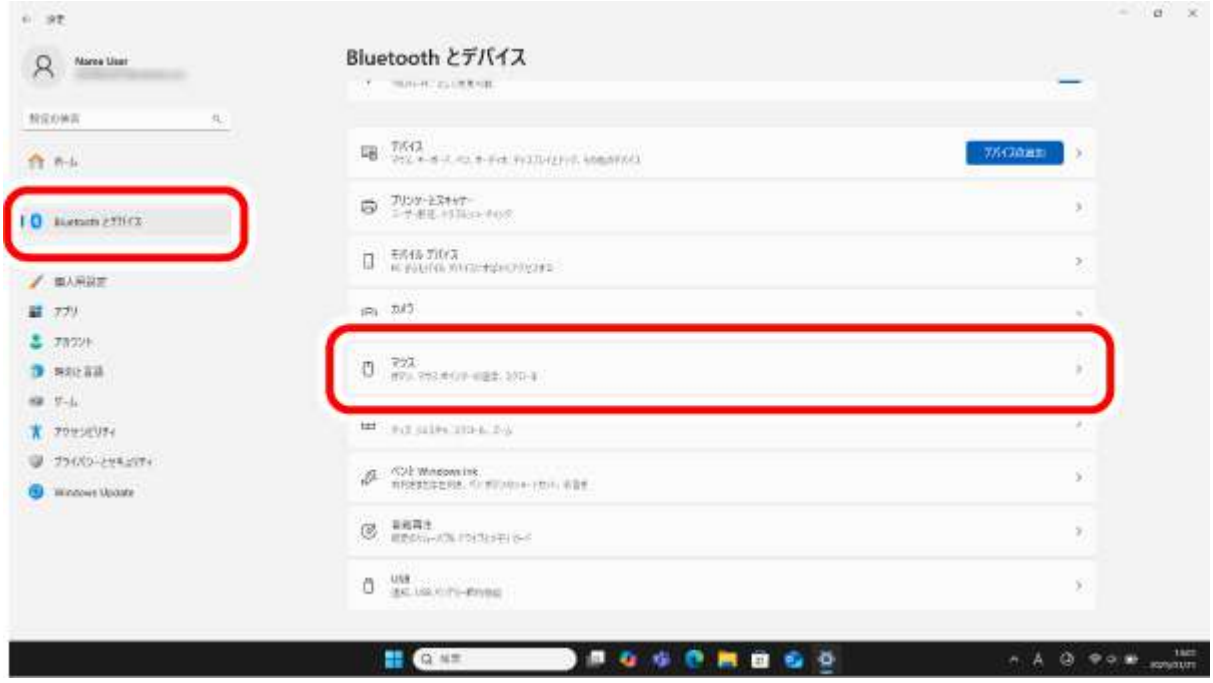
Change the number of lines scrolled in one wheel turn

■ For Windows 11

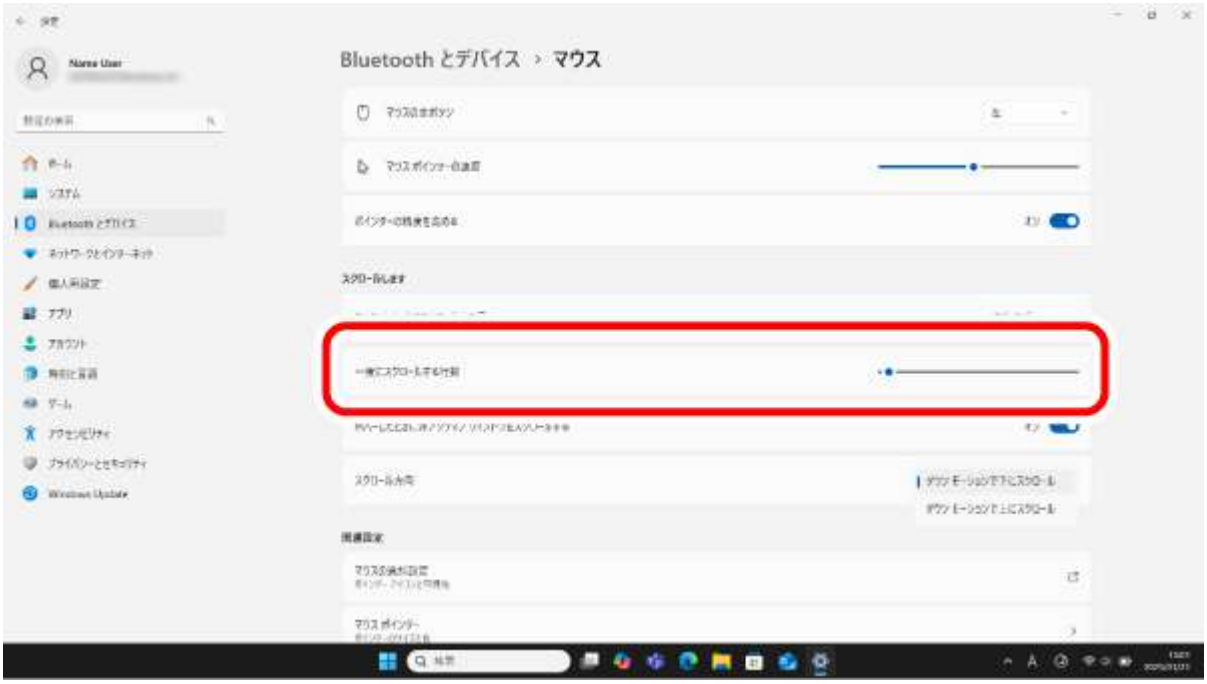
1) Click on “Start” on the bottom of the screen and select “Settings”.

The “Settings” page will appear.

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



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



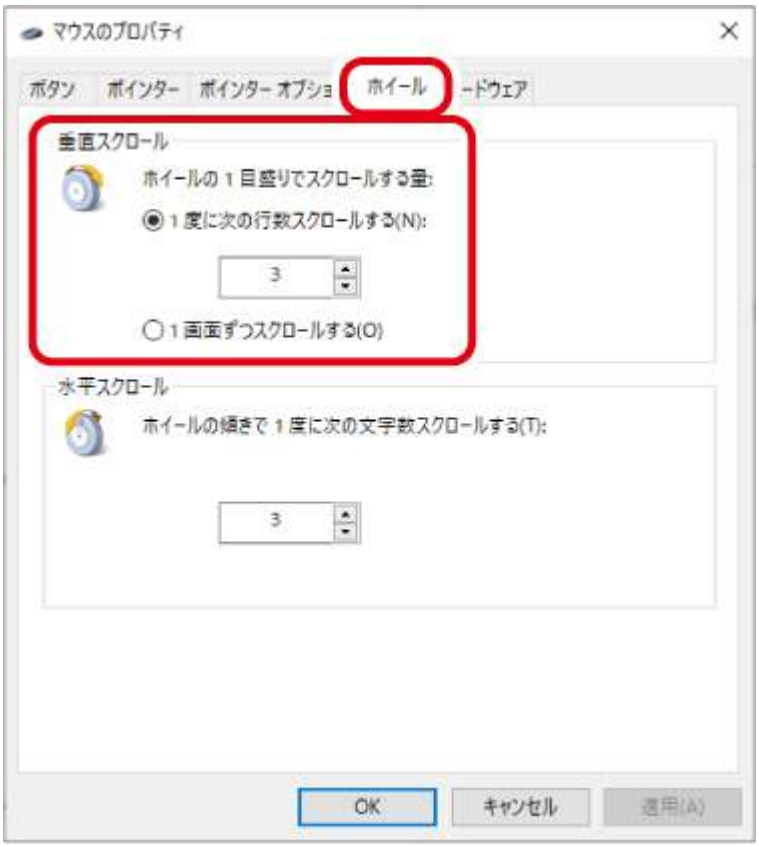
■ For Windows 10

1) Open “Mouse” properties.

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

2) Select the “Wheel” tab.

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



Change scroll direction

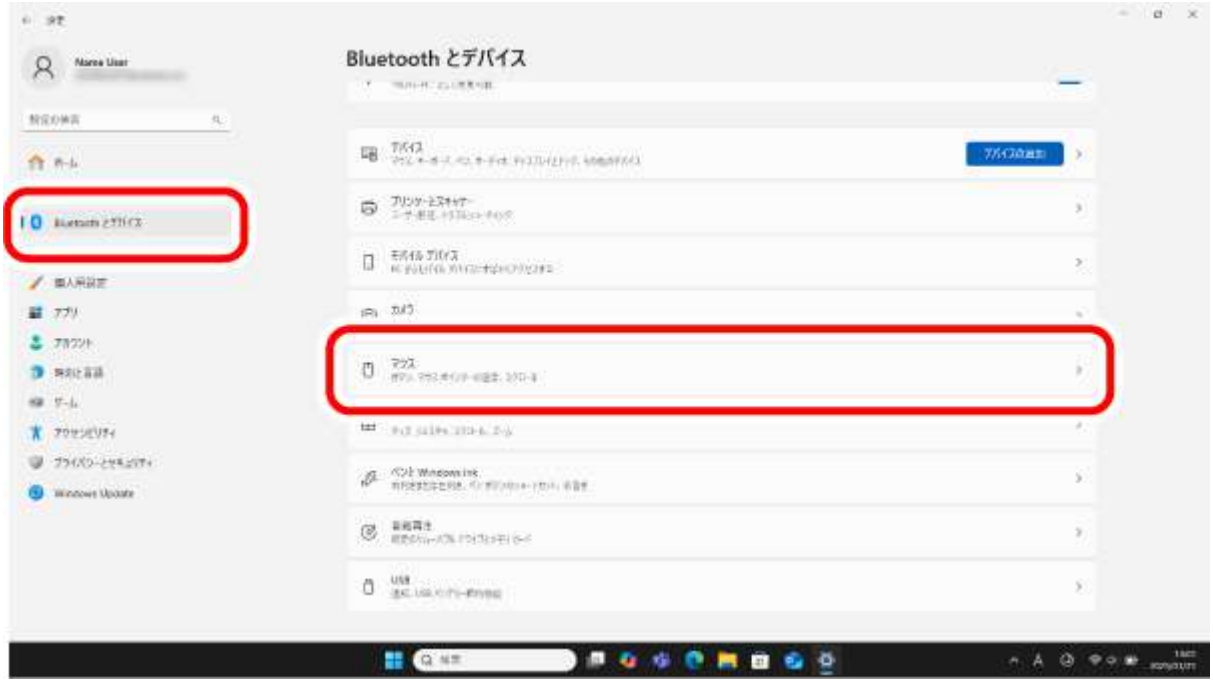
Change the scroll direction for when the scroll wheel on the mouse is moved.

■ For Windows 11

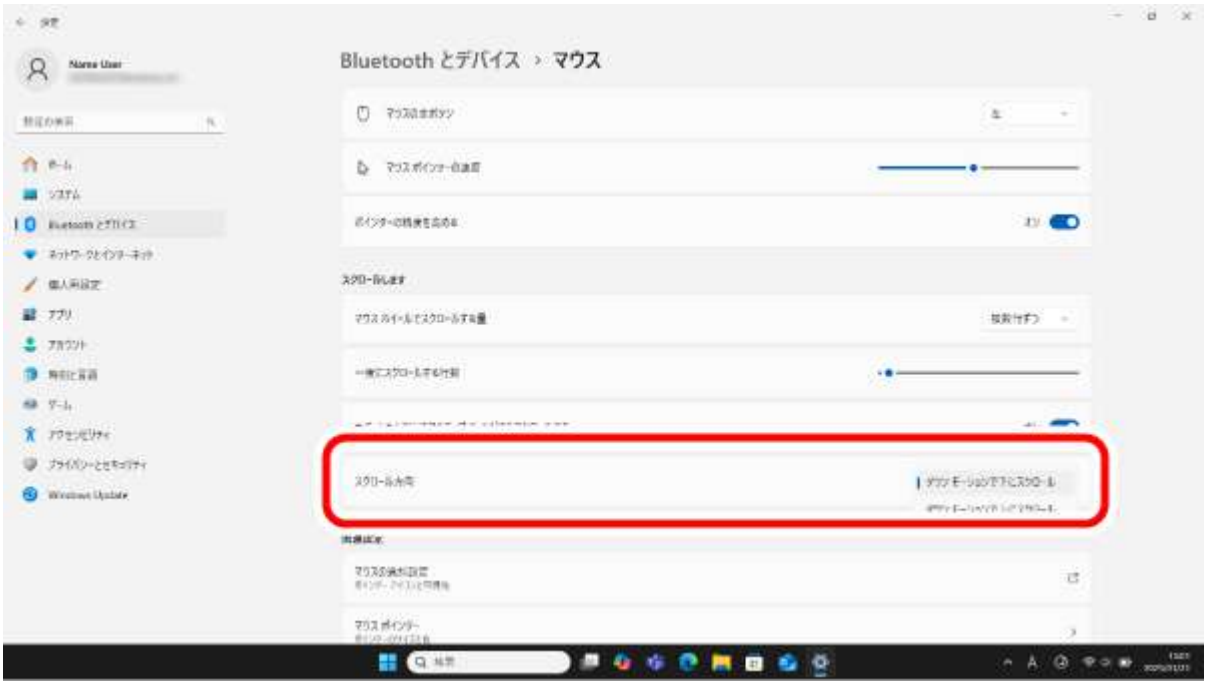
1) Click on “Start” on the bottom of the screen and select “Settings”.

The “Settings” page will appear.

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



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



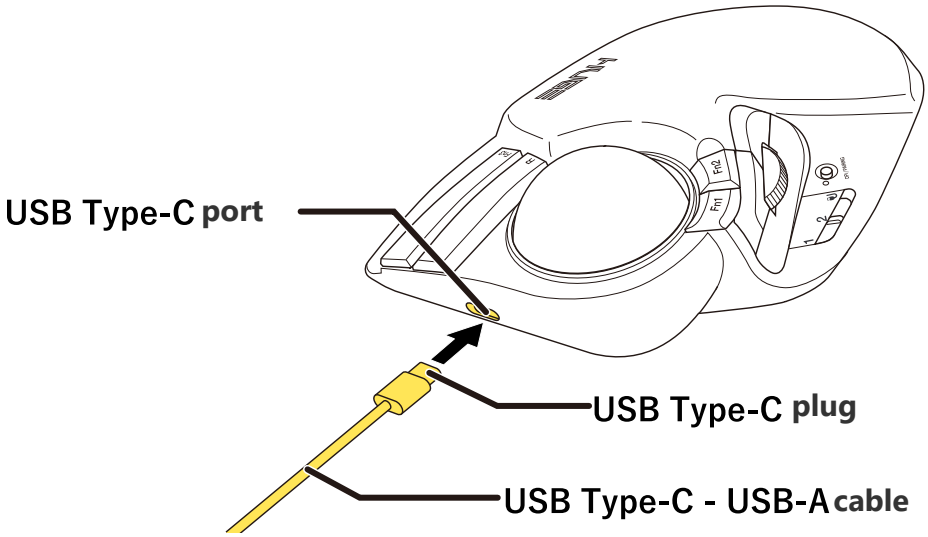
Select “Down motion scrolls up” to reverse the scroll direction when the scroll wheel is moved.

Mac

Using Bluetooth connection

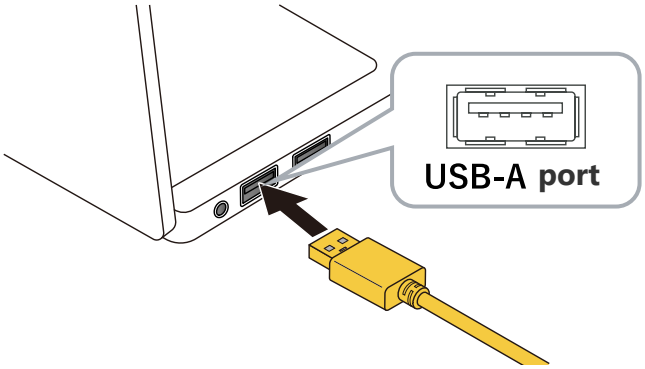
1.Charging the battery

1) Plug the USB Type-C plug of the included cable into the USB Type-C port on this product.

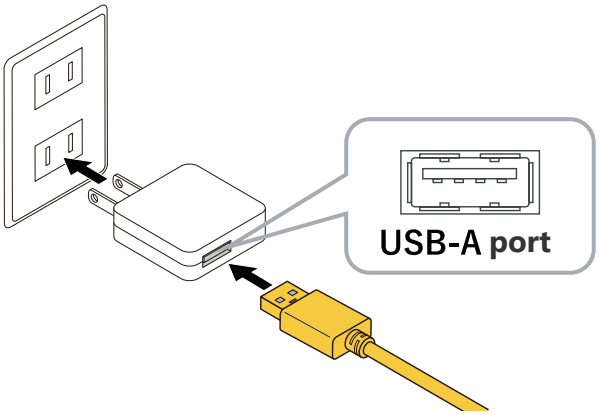


2) Insert the USB-A plug on the included charging cable into the USB-A port on your PC or a USB charging adapter.

Connecting to a PC



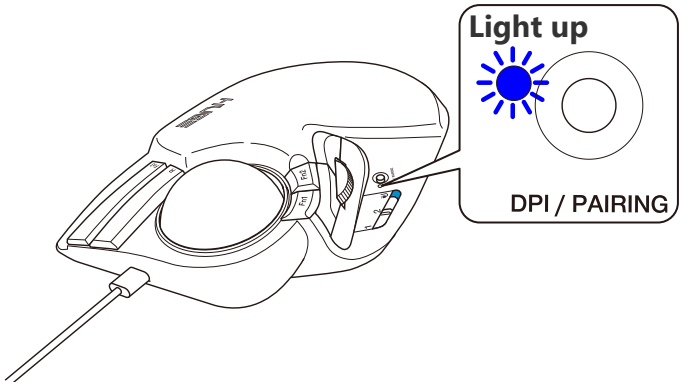
Connecting to a USB charging adapter



- 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 PC, if it has not been already switched on.

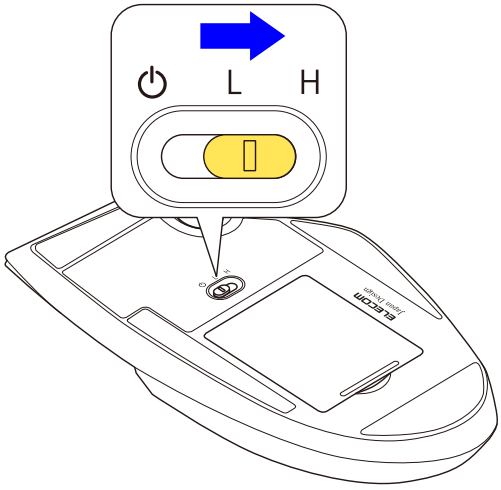
When charging begins, the LED will blink slowly in the color corresponding to the selected DPI count. When charging is complete, the LED will light up in the color corresponding to the selected DPI count. (The default color is ●Blue.)



It will take approximately x hours until full charge.
If the LED light does not light up 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 mode selection switch to either the H (Hi speed mode) or L (Low energy mode) position.



In Hi speed mode, tracking performance becomes greater when moving the ball quickly, but battery life is shortened.

Trackball power saving mode

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

Moving the trackball restores it from energy saving mode.

*For two to three seconds after restoring from energy saving mode, trackball operation may be unstable.

3. Pairing with a PC

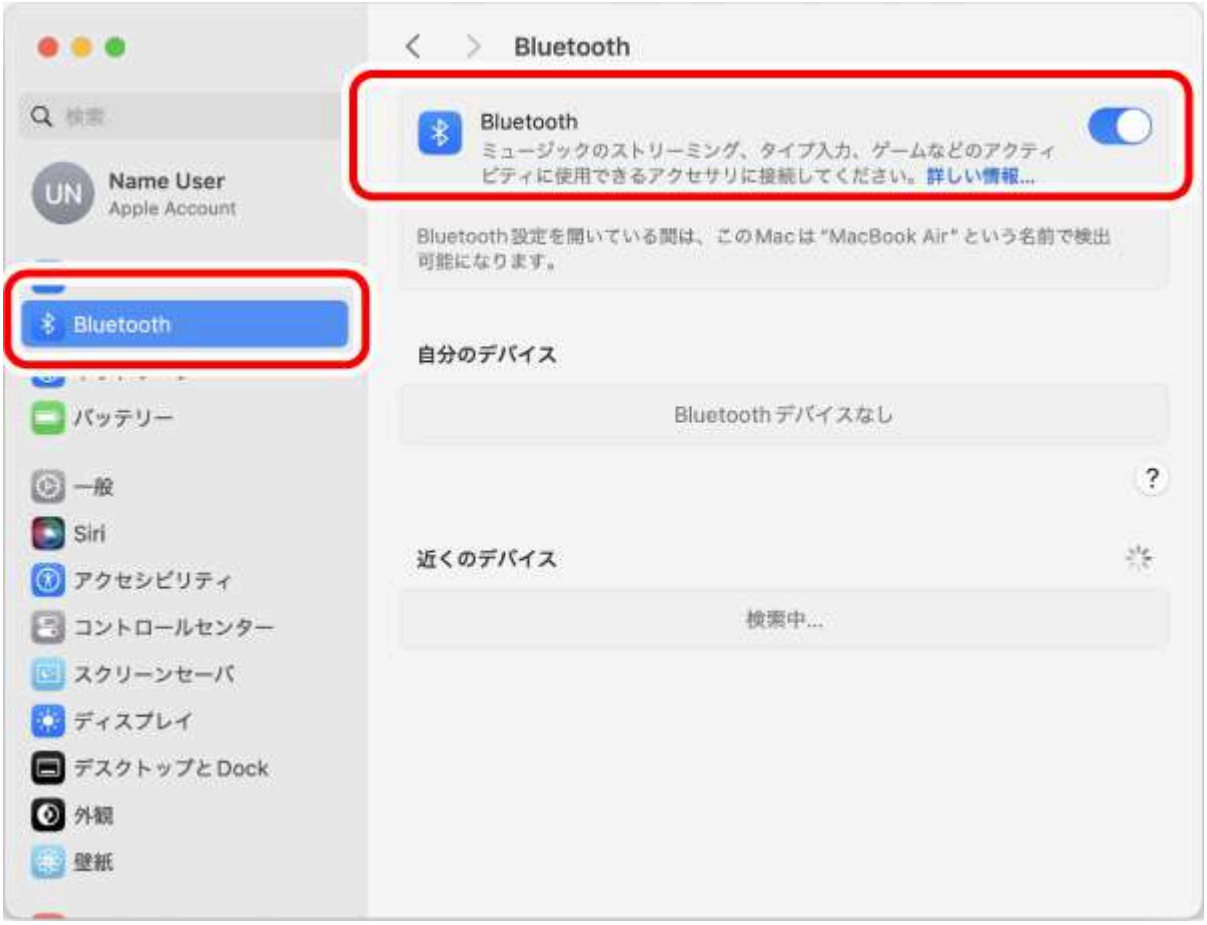
- Pairing involves registering Bluetooth devices (in this case, this product and your device) with each other, and authorizing a connection between them.
- This section covers macOS standard Bluetooth functions. Depending on your device or Bluetooth adaptor, unique Bluetooth functions may be used. Please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

1) From the Apple menu, select “System Settings...”

The System Settings window will appear.

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

The “Bluetooth” system settings page will appear.

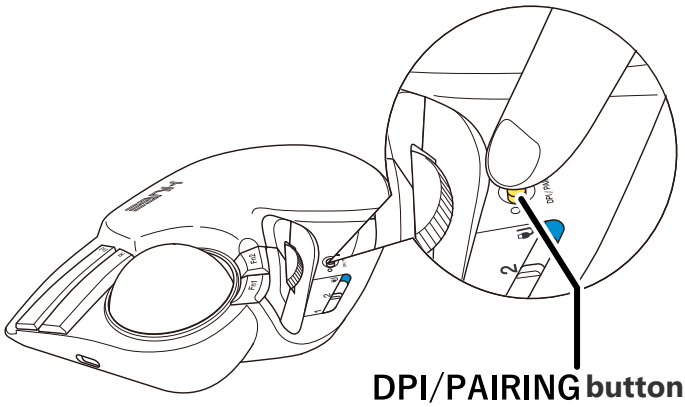


3) Switch to Bluetooth connection (1) using the connection selection switch.

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

4) During device search, hold down the DPI/PAIRING button for 3-4 seconds.

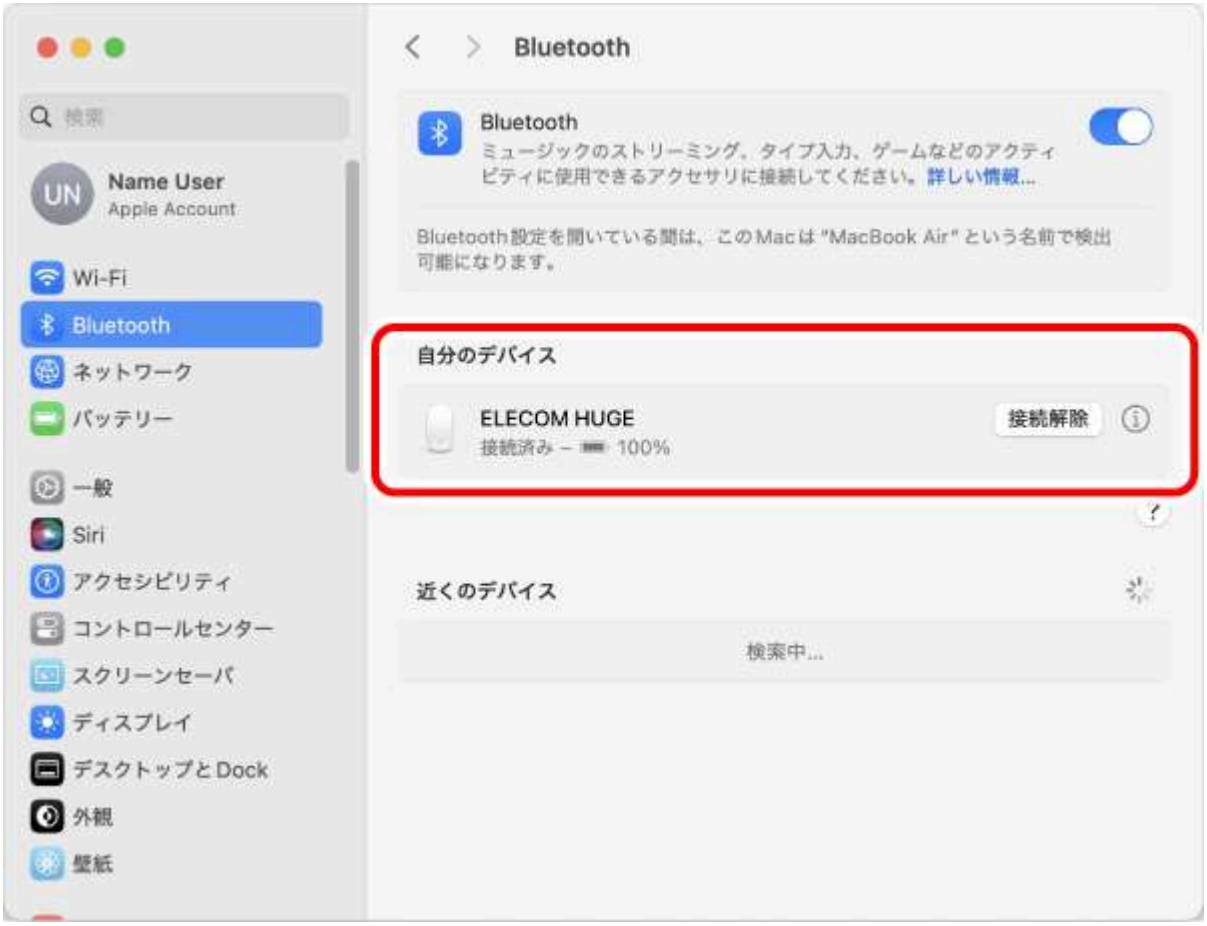
It will switch to pairing mode and the LED will blink slowly in the color corresponding to the selected DPI count. (The default color is ●Blue.)



5) When "ELECOM HUGE" is detected under "Nearby Devices", select "Connect".

Pairing begins.

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



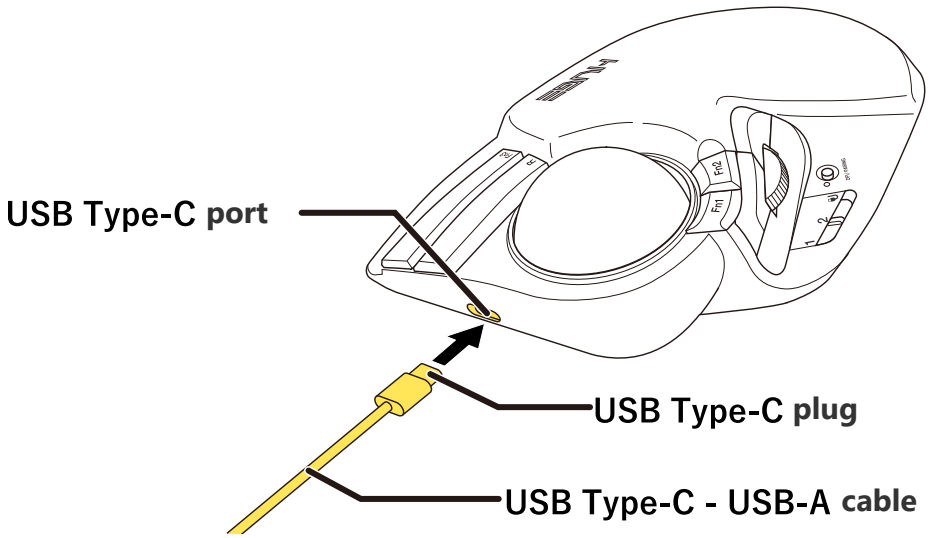
When pairing is complete, the LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

You can now use the trackball.

When using USB 2.4GHz wireless connection

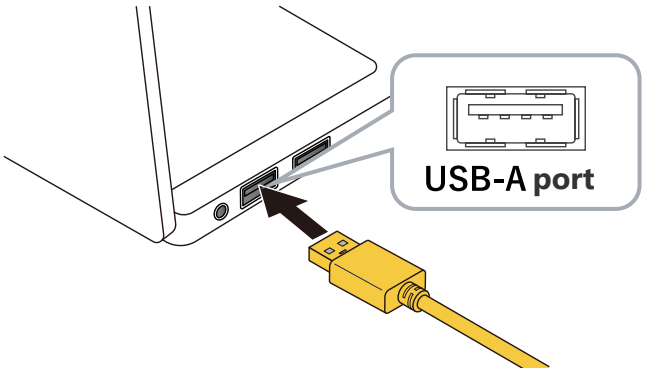
1.Charging the battery

1) Plug the USB Type-C plug of the included cable into the USB Type-C port on this product.

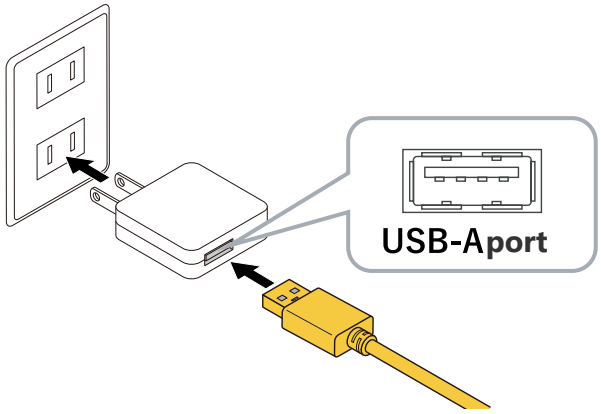


2) Insert the USB-A plug on the included charging cable into the USB-A port on your PC or a USB charging adapter.

Connecting to a PC



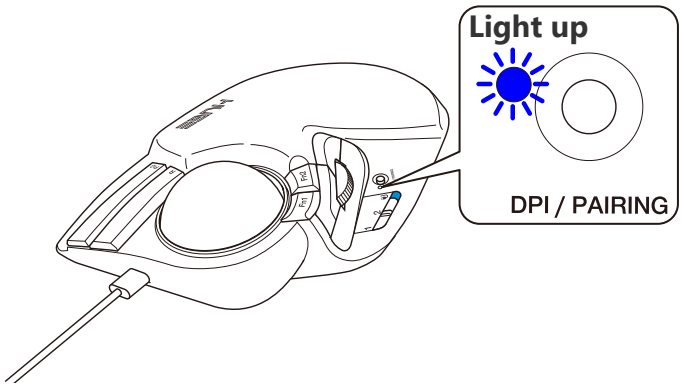
Connecting to a USB charging adapter



- 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 PC, if it has not been already switched on.

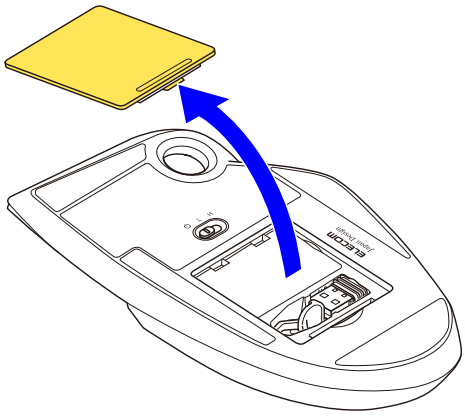
When charging begins, the LED will blink slowly in the color corresponding to the selected DPI count. When charging is complete, the LED will light up in the color corresponding to the selected DPI count. (The default color is ●Blue.)



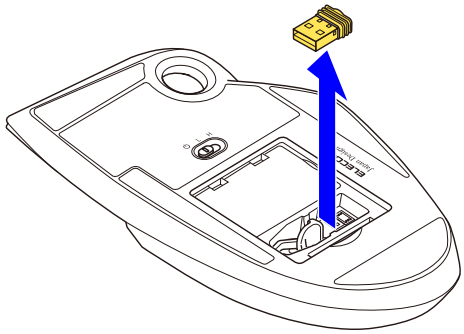
It will take approximately x hours until full charge.
If the LED light does not light up even after the prescribed charging time, remove the charging USB cable and stop charging for the moment. Otherwise, this can cause overheating, rupturing or fires.

2.Remove the receiver unit.

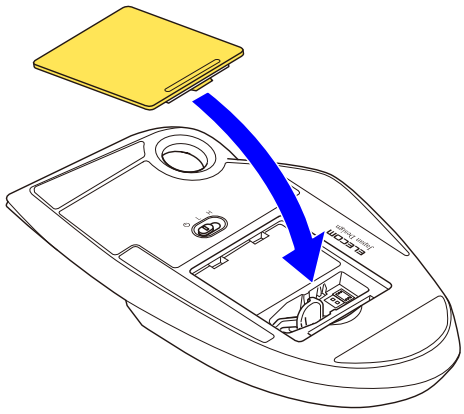
1) Remove the accessory storage compartment cover.



2) Remove the receiver unit.

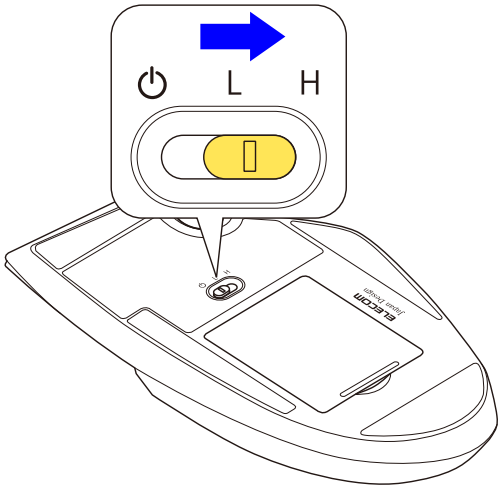


3) Put the accessory storage compartment cover back on.



3. Turn the power ON

1) Slide the power mode selection switch to either the H (Hi speed mode) or L (Low energy mode) position.



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Moving the trackball restores it from energy saving mode.

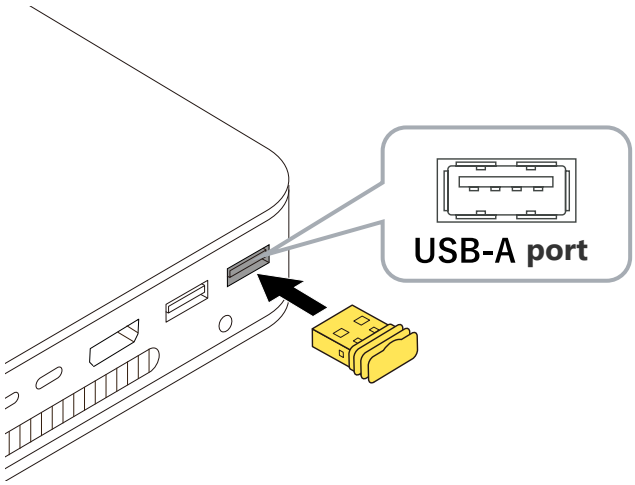
*For two to three seconds after restoring from energy saving mode, trackball operation may be unstable.

4. Connect to a PC

1) Start up your PC.

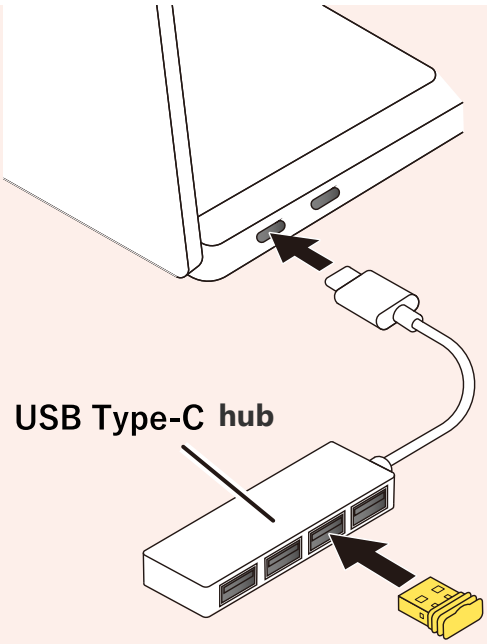
Please wait until the PC has started up and can be operated.

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



You may use any USB-A port.

・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.

3) Switch to USB 2.4GHZ wireless connection (2) using the connection selection switch.

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

When removing the receiver unit
This product supports hot plugging. You can remove the receiver unit even when the PC is running.

4) The driver is automatically installed and the trackball can be used.

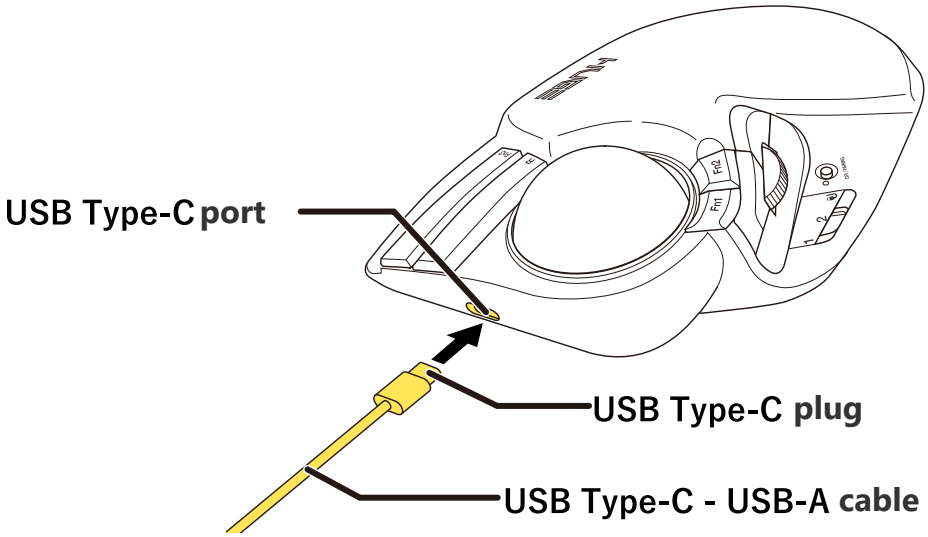
The LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

You can now use the trackball.

Using USB wired connection

Connecting to a PC

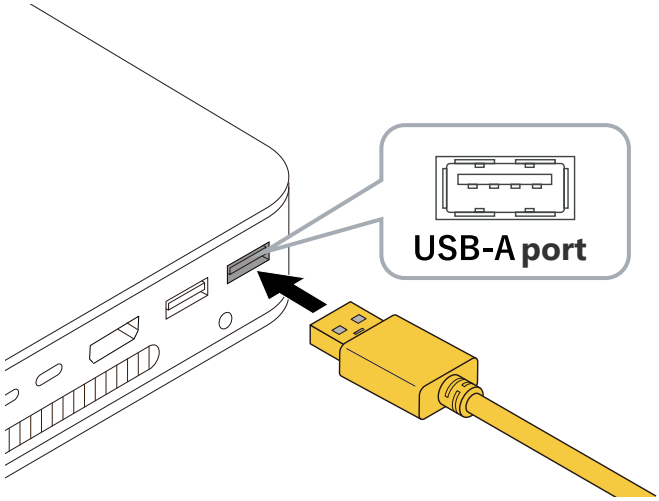
1) Plug the Type-C connector of the included USB Type-C - USB-A cable to the USB Type-C port of this product.



2) Start up your PC.

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

3) Plug the USB-A connector of the USB Type-C - USB-A cable into the USB-A port of the PC.



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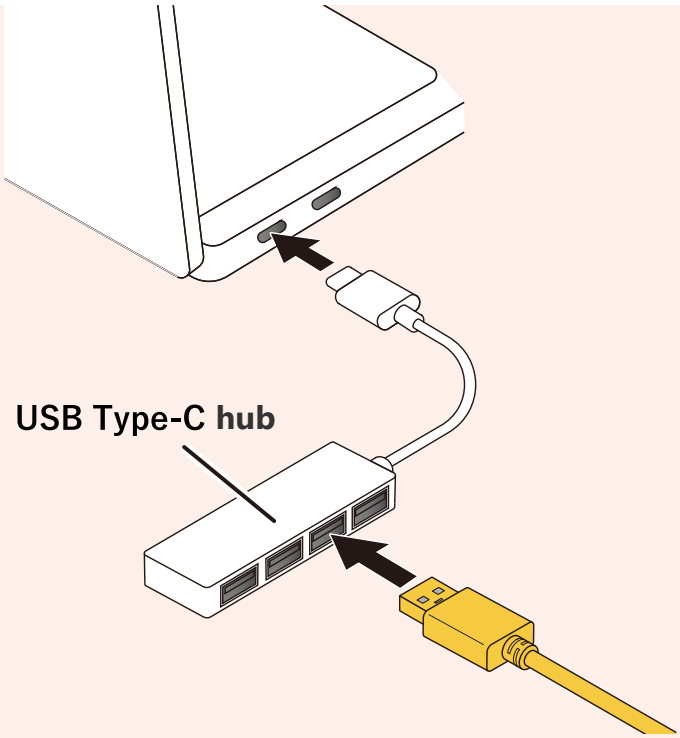


・Do not pull or bend the cable using excessive force. A fire or electric shock may result from broken wires.
・Ensure that the connector is correctly oriented to the port.
・If there is strong resistance when inserting, check the shape and orientation of the connector. Forcibly inserting the connector may damage the connector, and there is a risk of injury.
・Do not touch the terminal portion of the USB connector.

4) Switch to USB wired connection (1) using the connection selection switch.

Please refer to “Switch connected device” to switch between connected devices.

To remove the trackball

This product supports hot plugging. The trackball may be removed while your PC is in operation.

5) The driver is automatically installed and the trackball can be used.

The LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

You can now use the trackball.

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

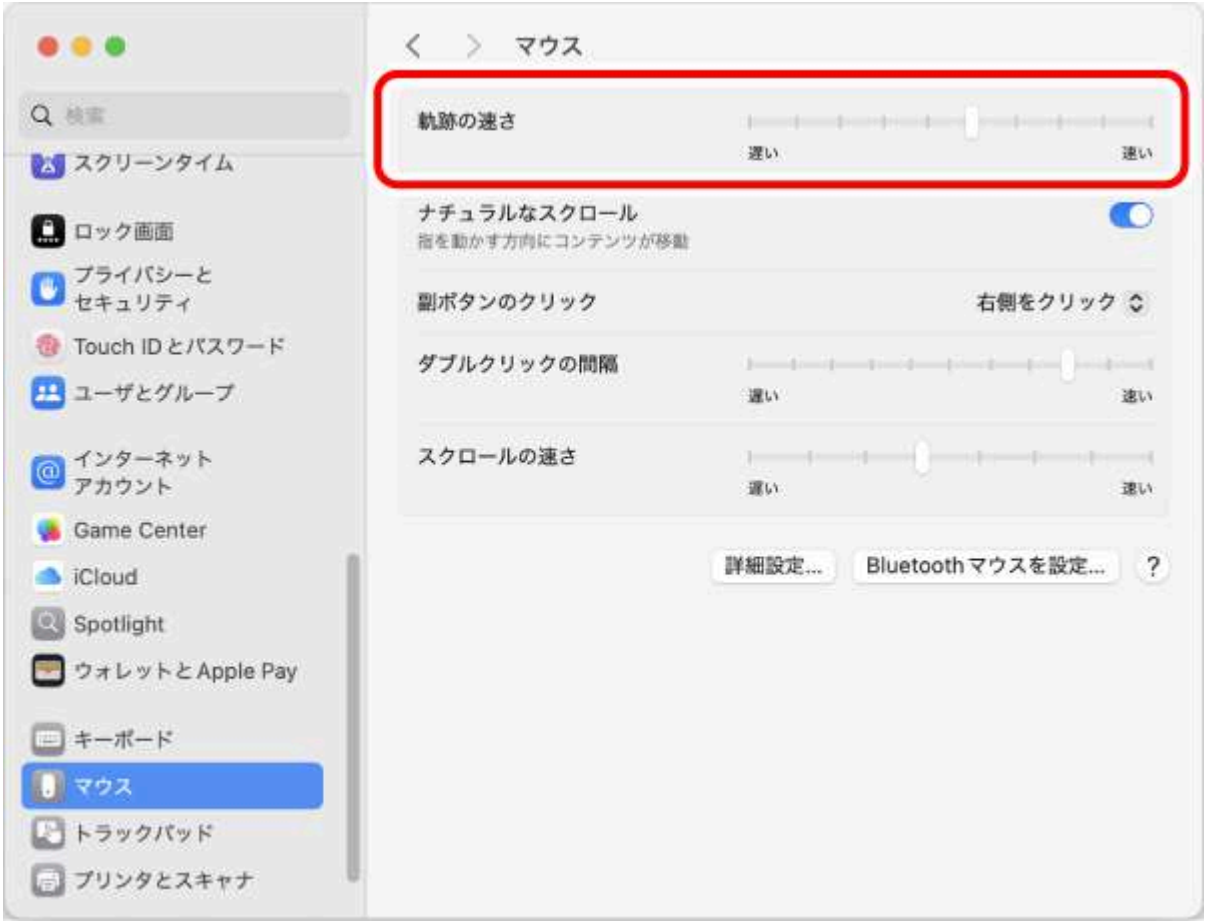
Change the mouse pointer speed

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

1) Select “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.



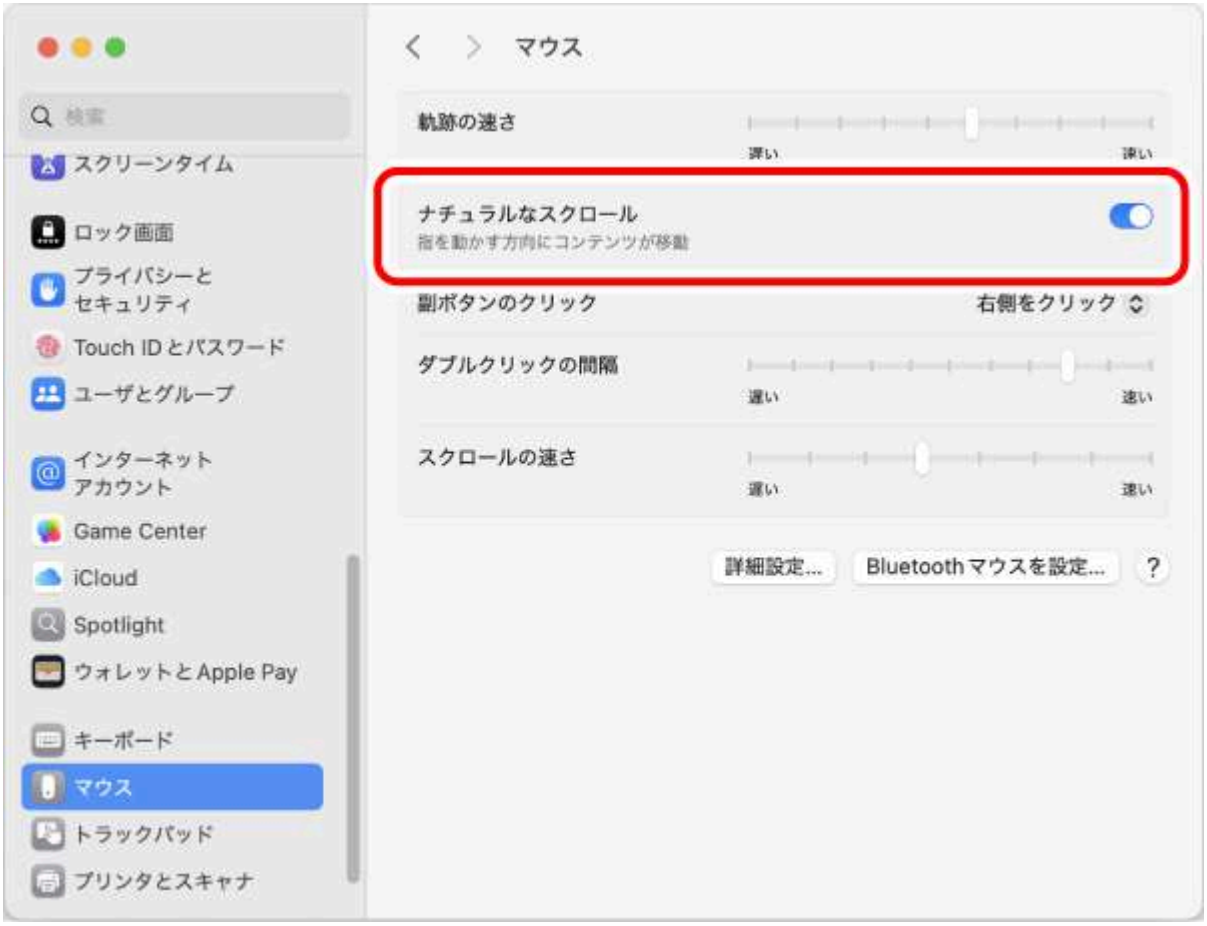
Change scroll direction

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

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

The “Mouse” settings page will load up.

2) Clicking “Natural scrolling” to turn it on or off will change the scroll direction.



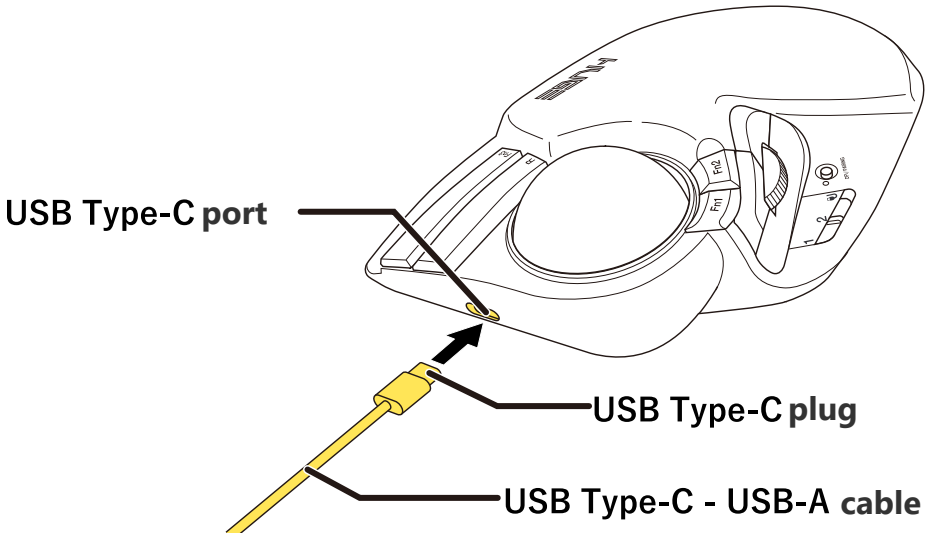
When “Natural scrolling” is turned off, the scroll direction will be the same as the direction of the scroll wheel movement.

iPhone, iPad

Using Bluetooth connection

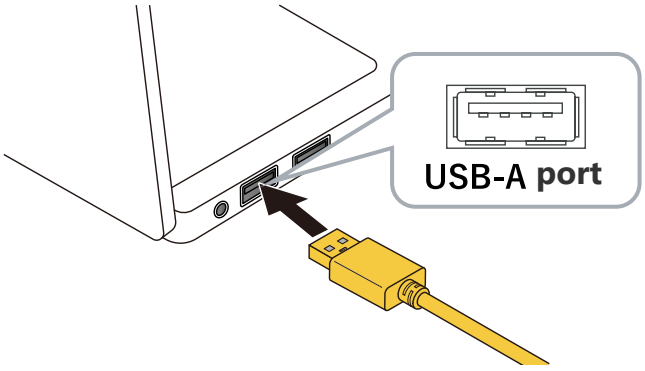
1.Charging the battery

1) Plug the USB Type-C plug of the included cable into the USB Type-C port on this product.

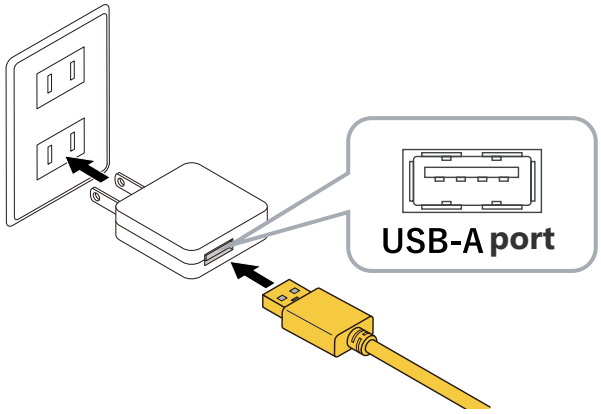


2) Insert the USB-A plug on the included charging cable into the USB-A port on your PC or a USB charging adapter.

Connecting to a PC



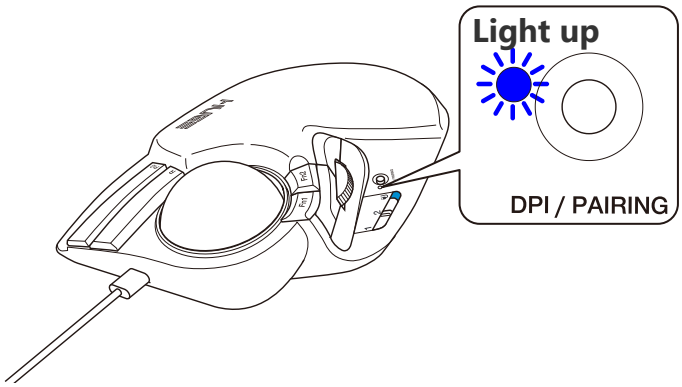
Connecting to a USB charging adapter



- 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 PC, if it has not been already switched on.

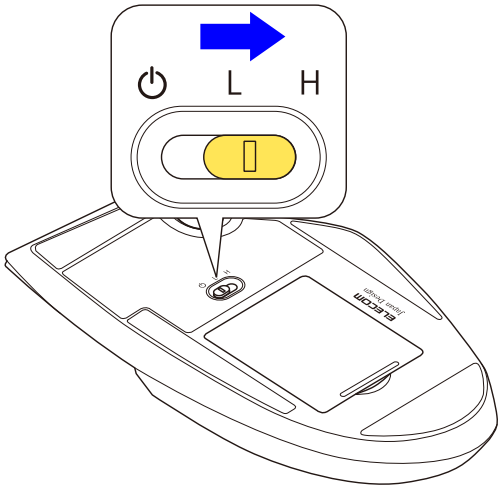
When charging begins, the LED will blink slowly in the color corresponding to the selected DPI count. When charging is complete, the LED will light up in the color corresponding to the selected DPI count. (The default color is ●Blue.)



It will take approximately x hours until full charge.
If the LED light does not light up 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 mode selection switch to either the H (Hi speed mode) or L (Low energy mode) position.



In Hi speed mode, tracking performance becomes greater when moving the ball quickly, but battery life is shortened.

Trackball power saving mode

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

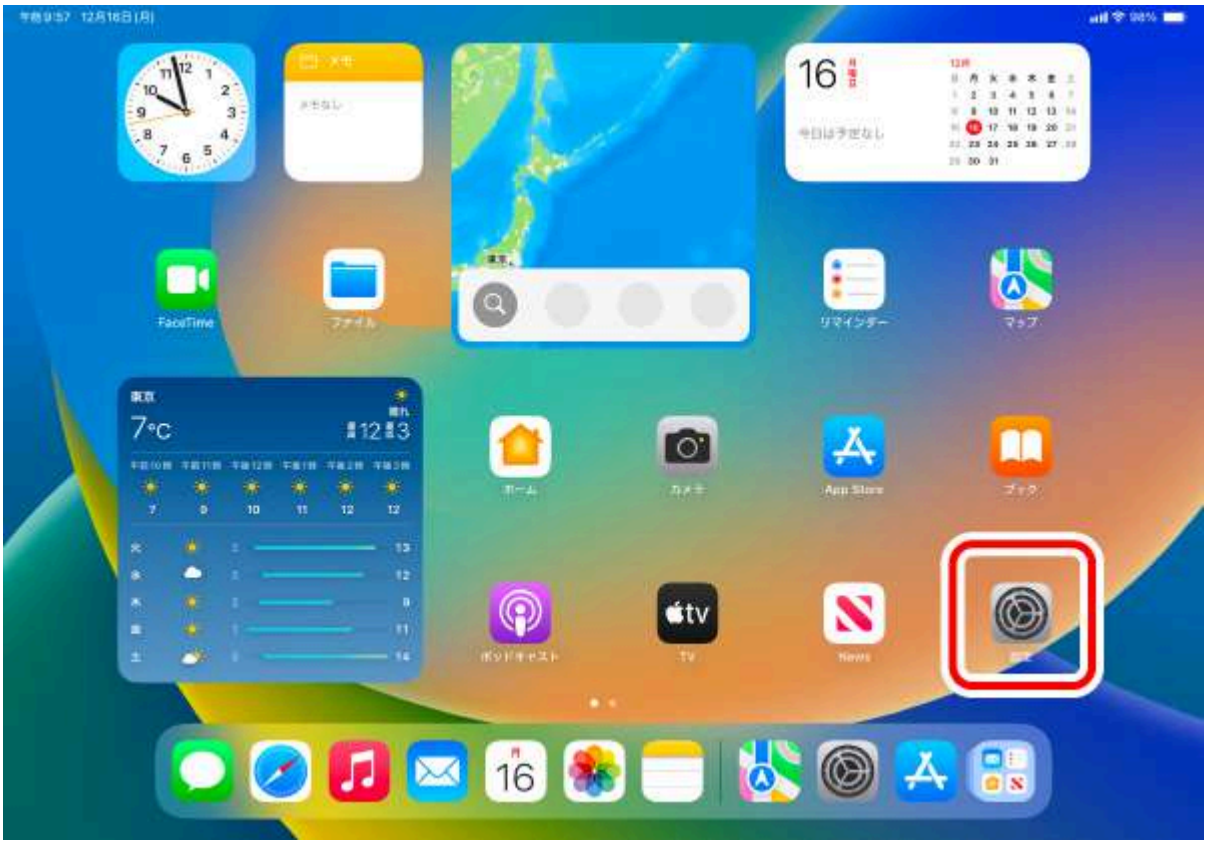
Moving the trackball restores it from energy saving mode.

*For two to three seconds after restoring from energy saving mode, trackball operation may be unstable.

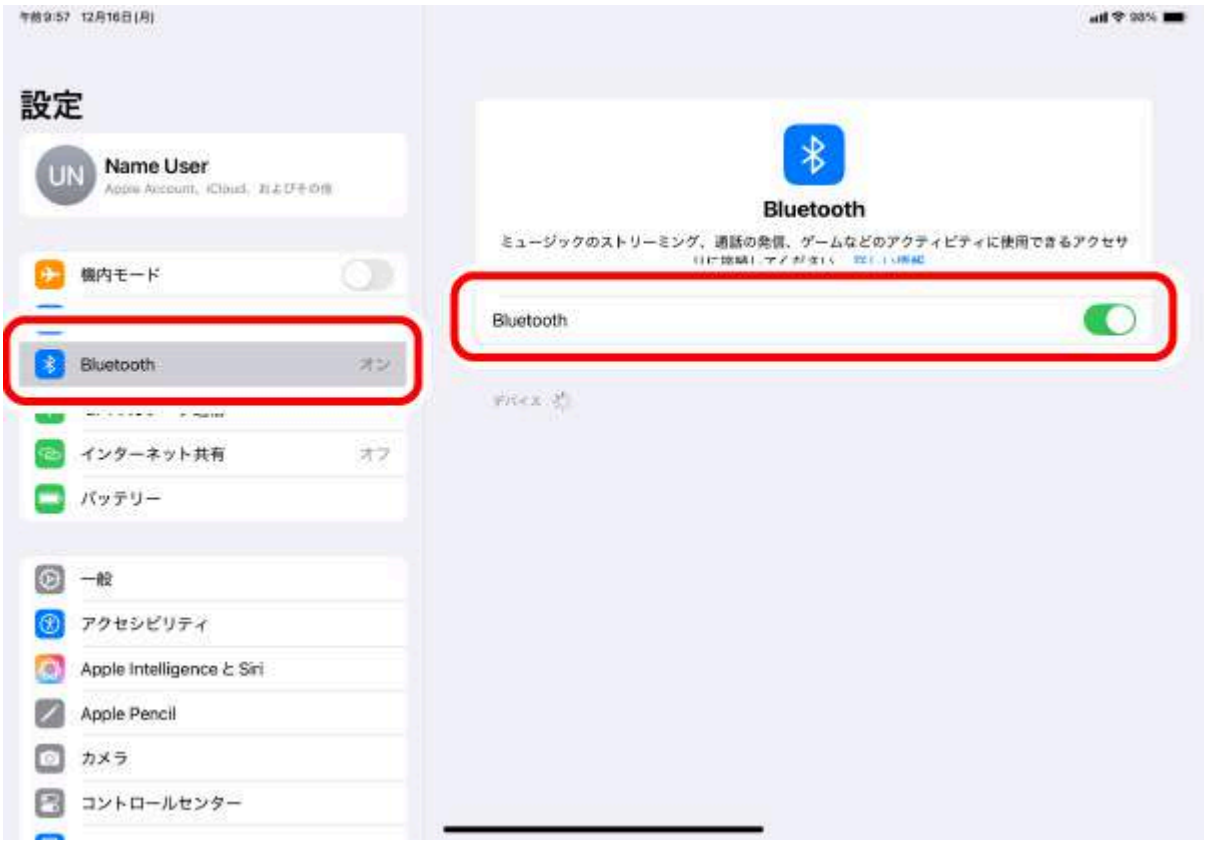
3. Pairing with an iPad or an iPhone

- 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.18.

1) Select “Settings” from the home page.



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

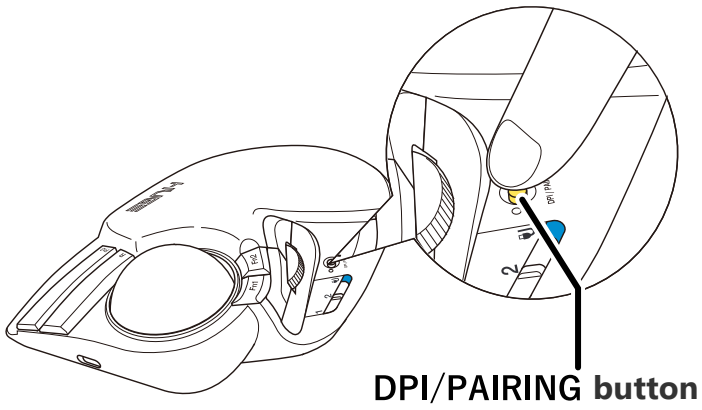


3) Switch to Bluetooth connection (1) using the connection selection switch.

Please refer to “Switch connected device” to switch between connected devices.

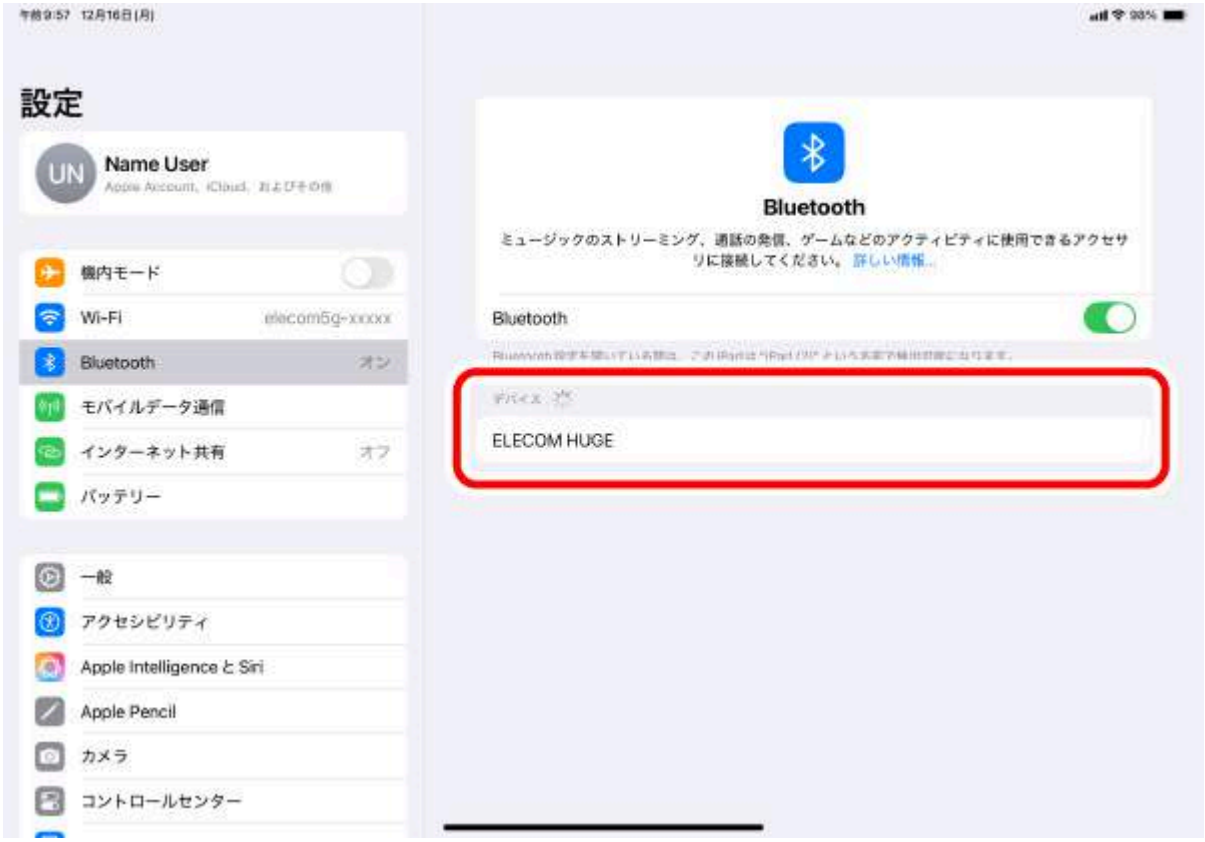
4) During the device search, hold down the pairing button on the bottom for 3-4 seconds.

It will switch to pairing mode and the LED will blink slowly in the color corresponding to the selected DPI count. (The default color is ●Blue.)

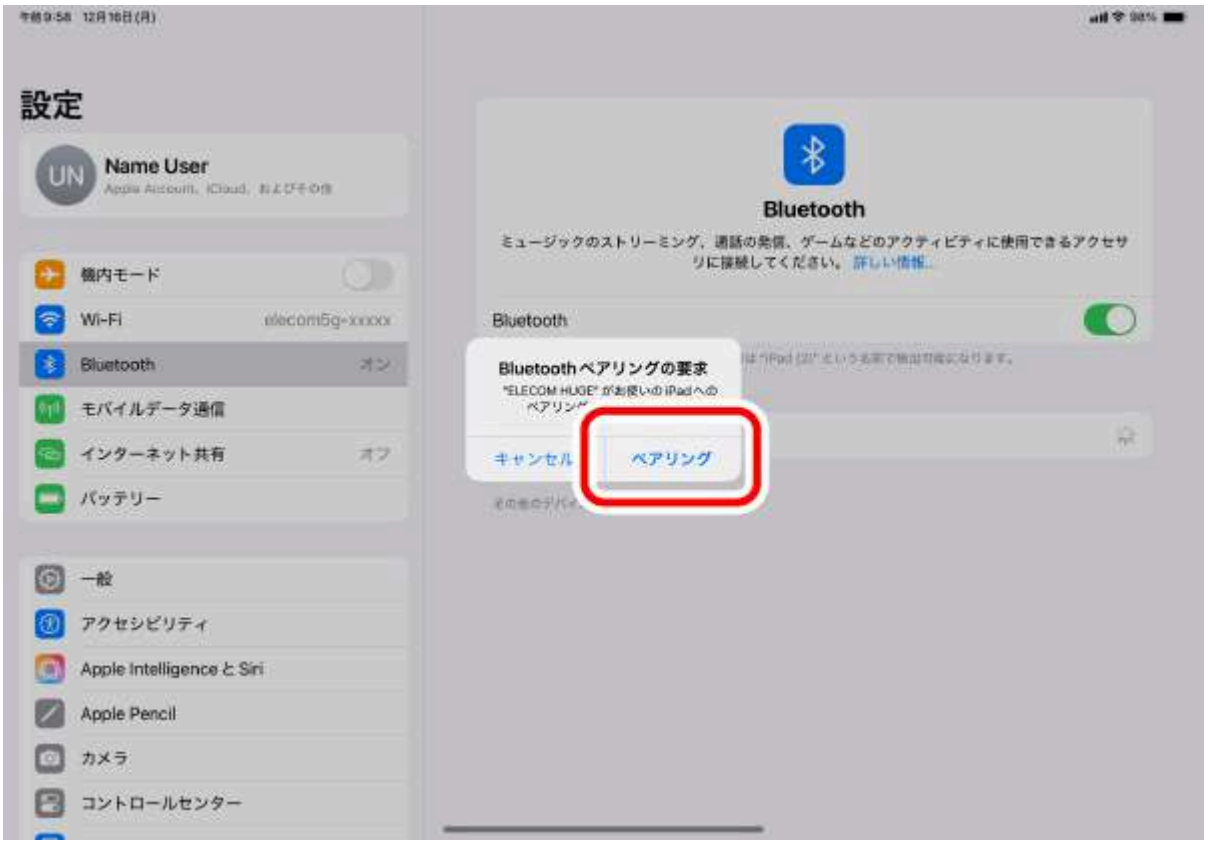


5) Tap on “ELECOM HUGE” when it is detected under “DEVICES”.

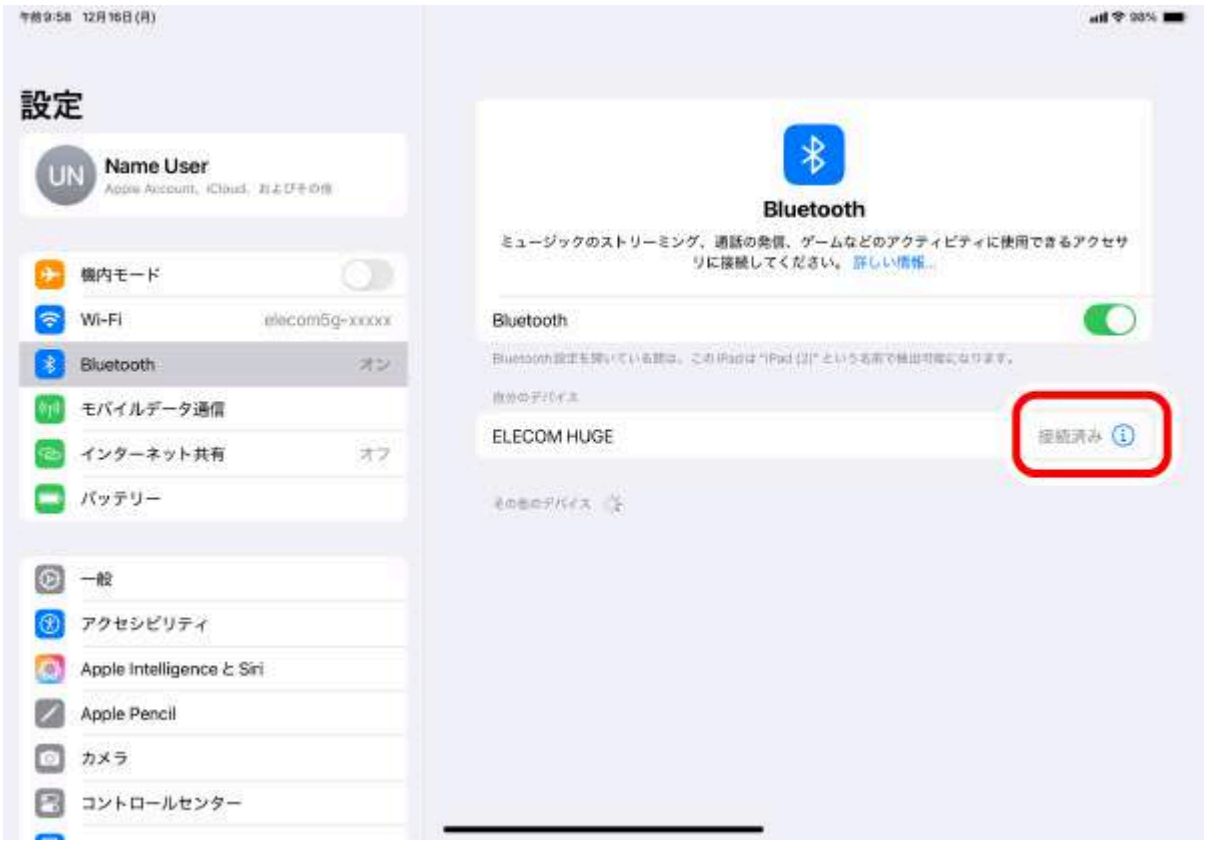
Pairing begins.



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



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



When pairing is complete, the LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

You can now use the trackball.

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.

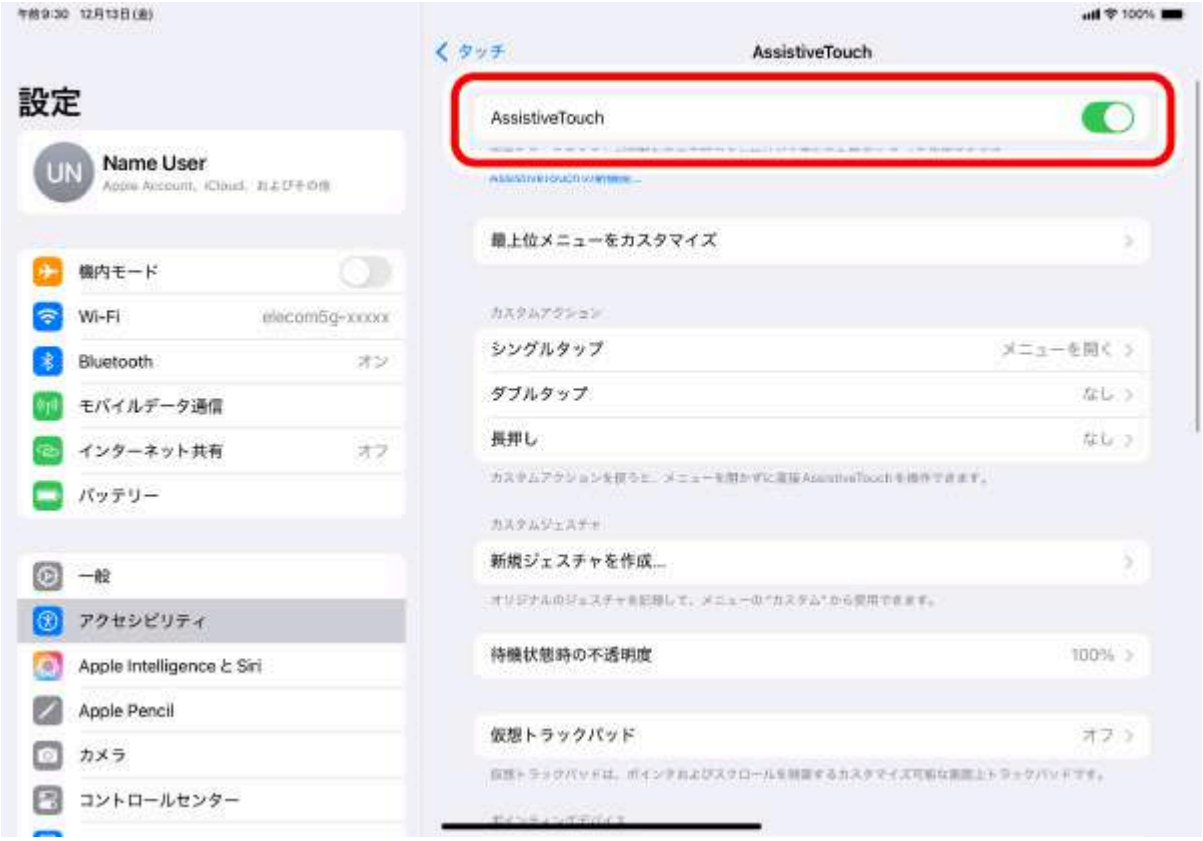
1. Turn ON AssistiveTouch.

1) Select “Accessibility” under “Settings”.

2) Select “Touch”.

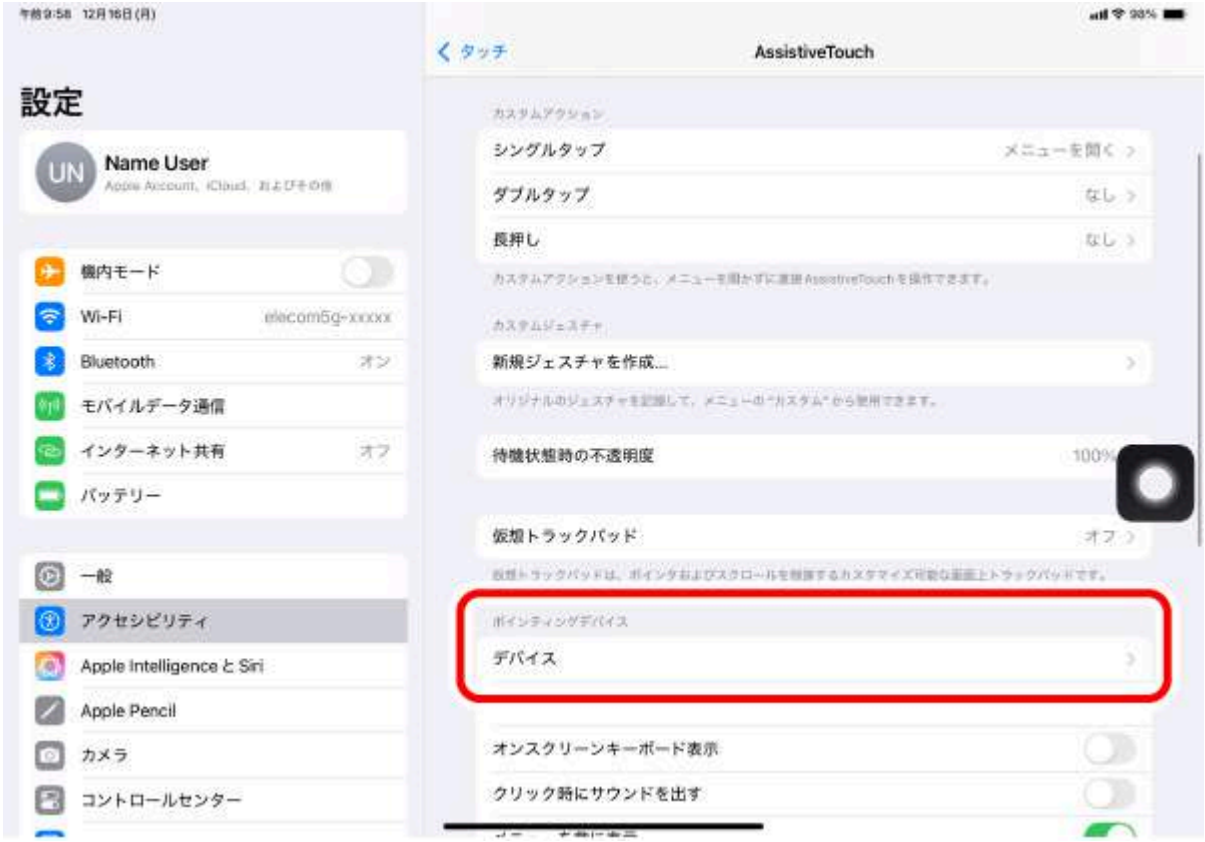
3) Select “AssistiveTouch”.

4) Select “AssistiveTouch” to turn ON.

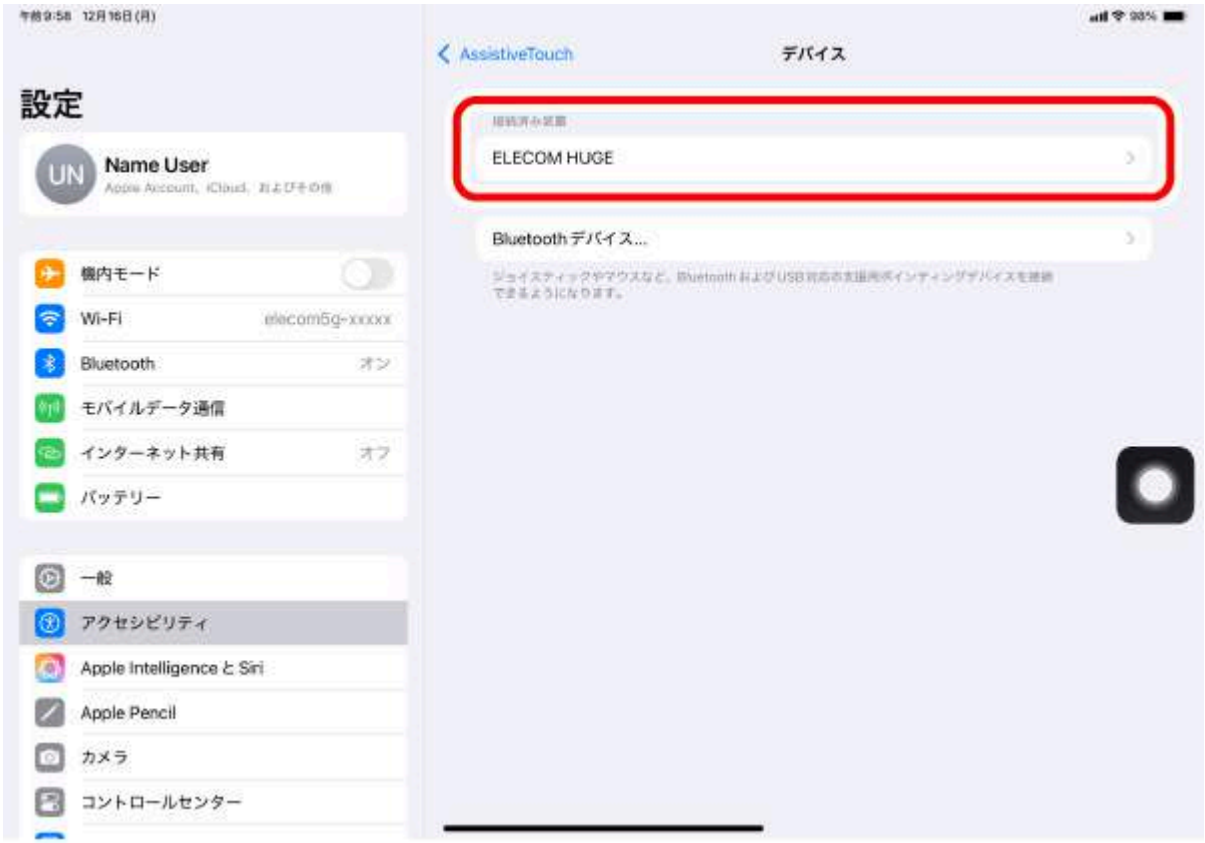


2. Assign custom actions to the buttons.

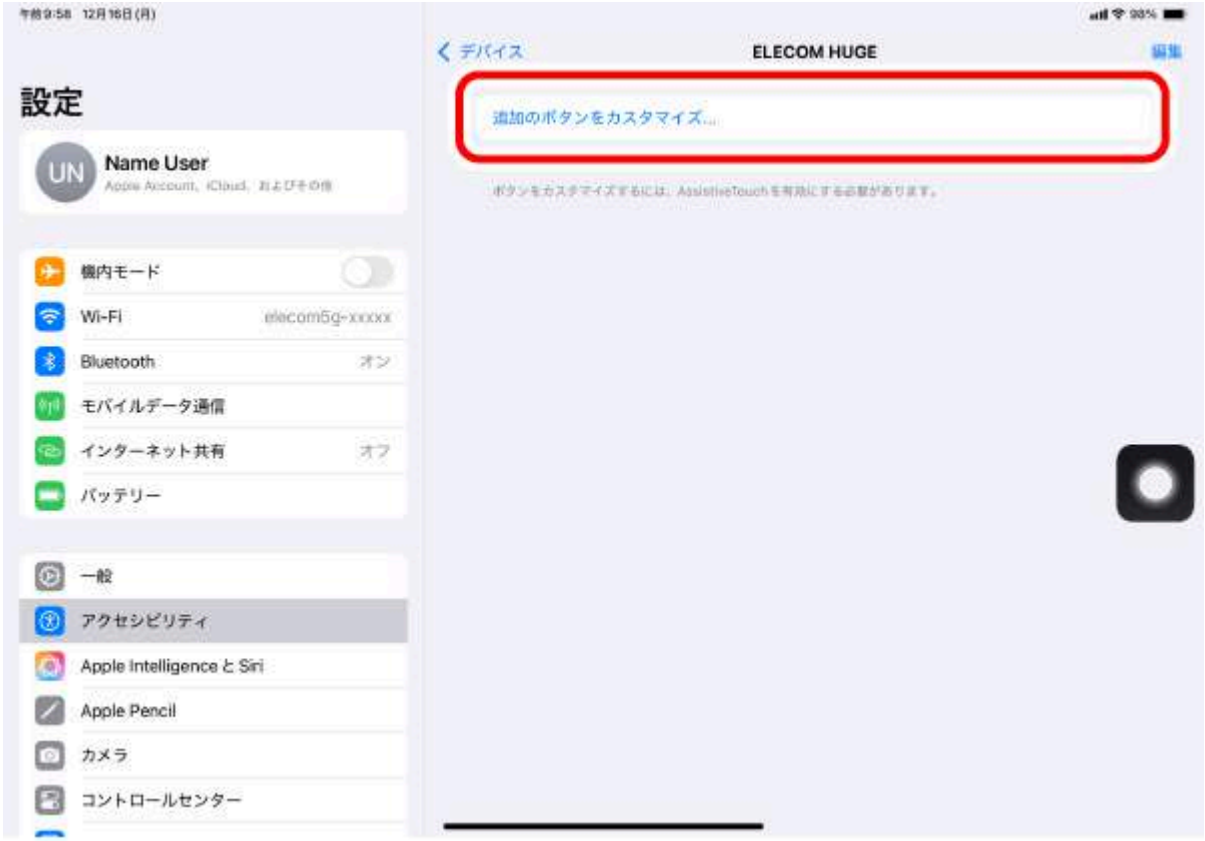
1) Select “Devices” under “POINTER DEVICES”.



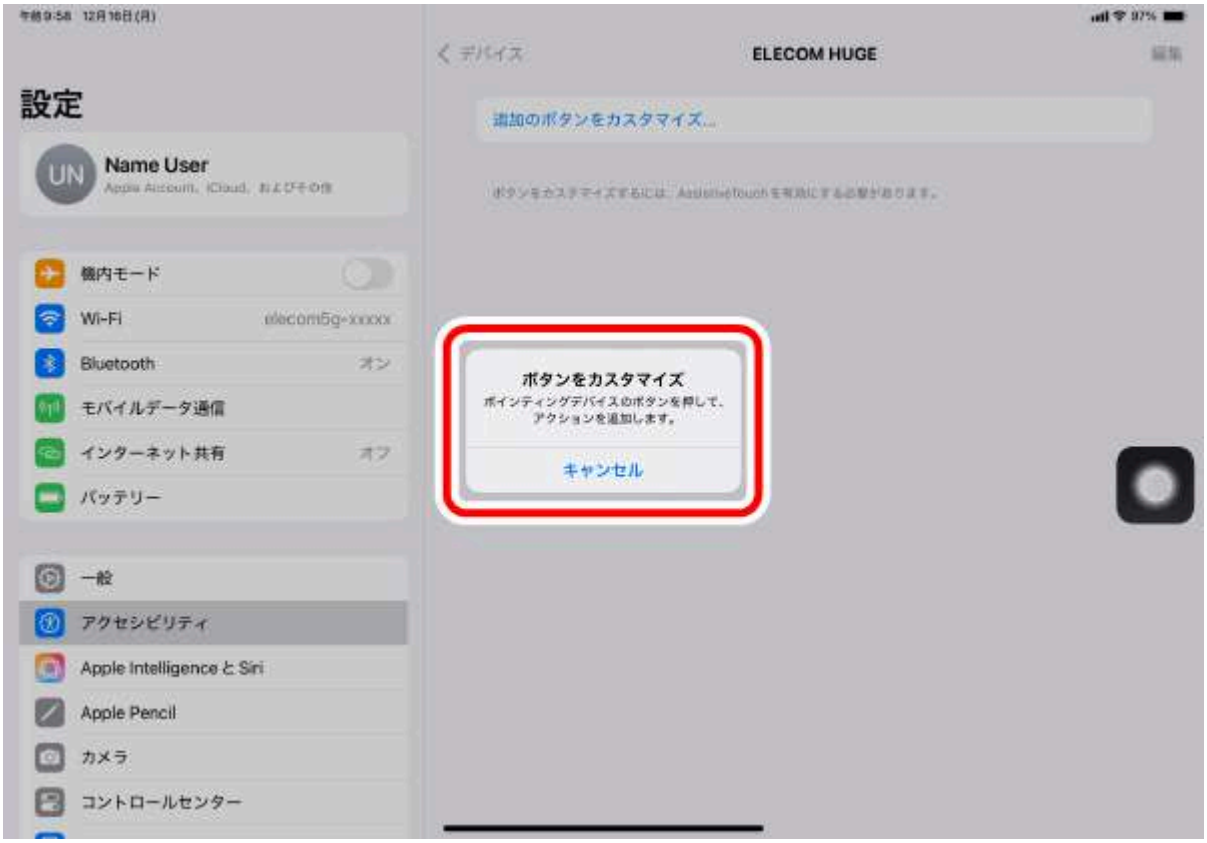
2) Select “ELECOM HUGE”.



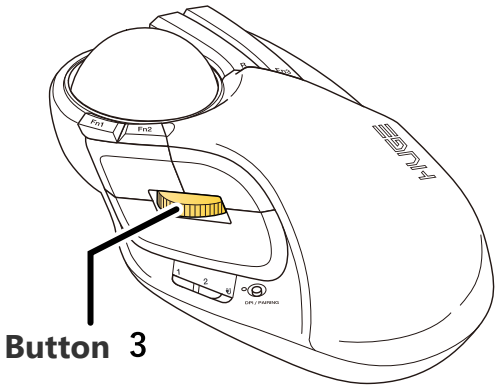
3) Select “Customize Additional Buttons...”.



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



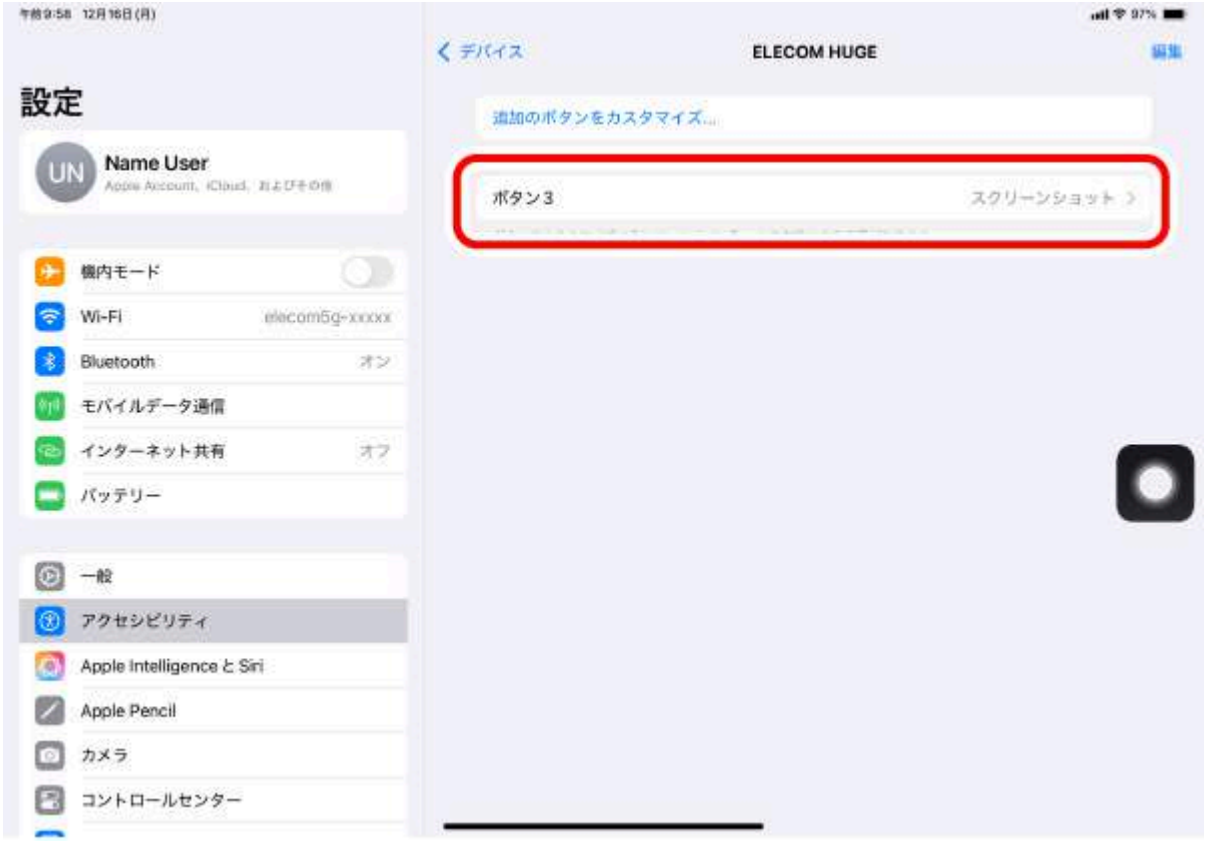
*When adding "Button 3".



5) A list of all assignable functions will load. Select 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.

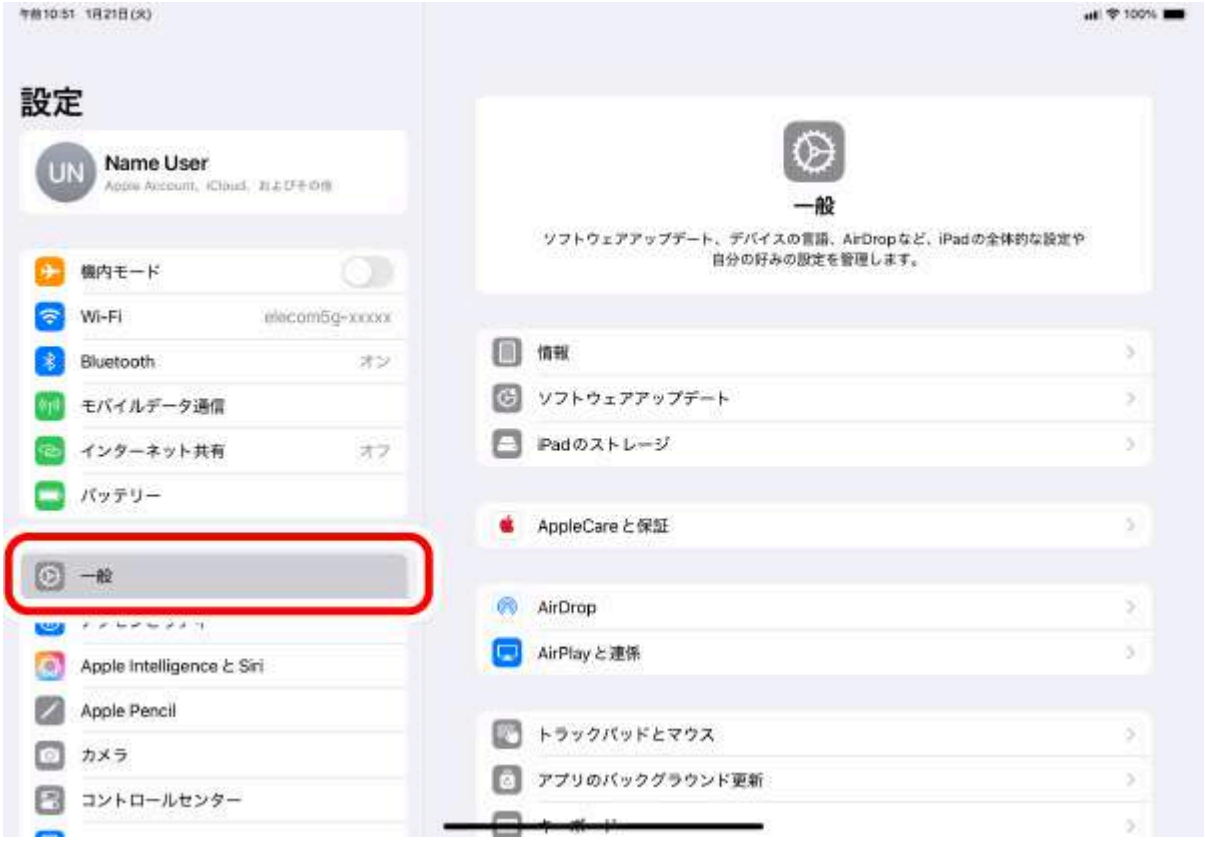


When AssistiveTouch is OFF, the Custom Action function is disabled and only the initial right click, left click and wheel scroll functions may be used.

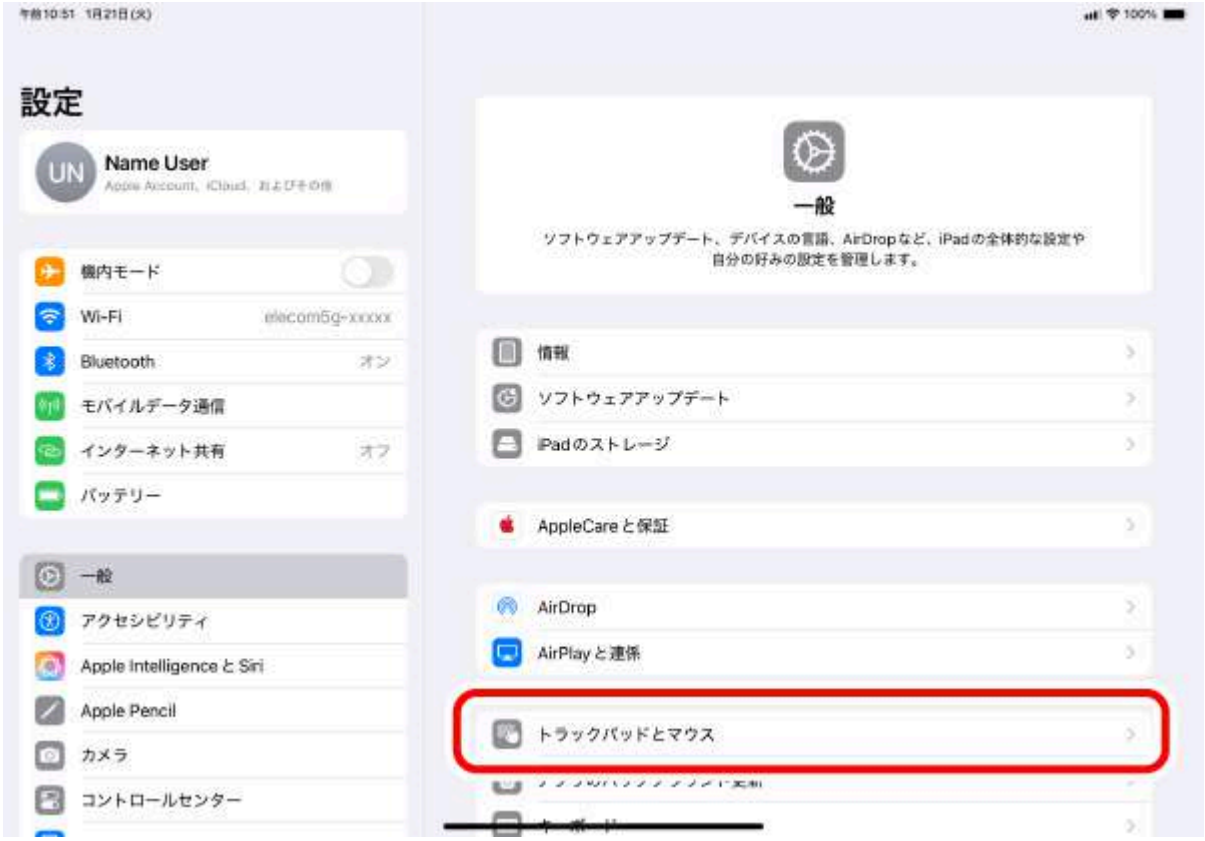
Change scroll direction

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

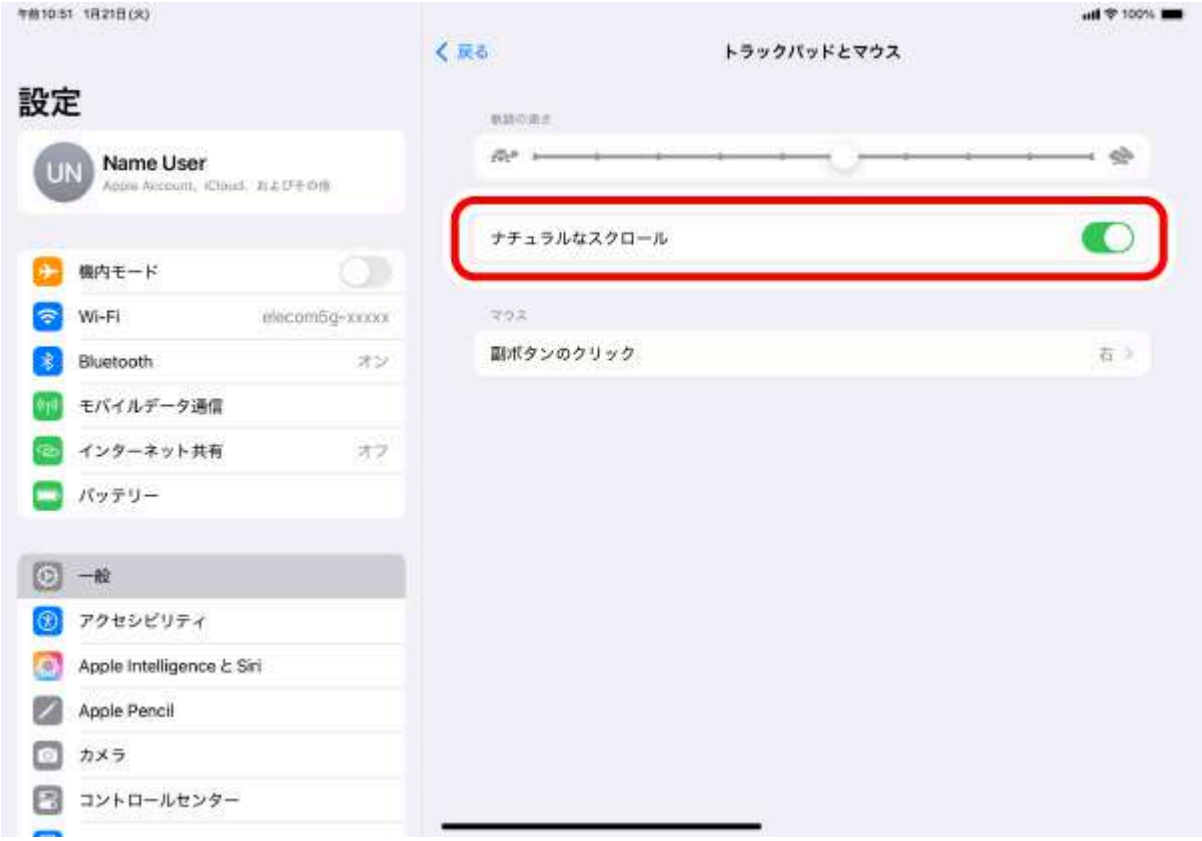
1) Select “General” under “Settings” from the home page.



2) Tap on “Trackpad & Mouse”.



3) Tapping “Natural scrolling” to turn it on or off will change the scroll direction.



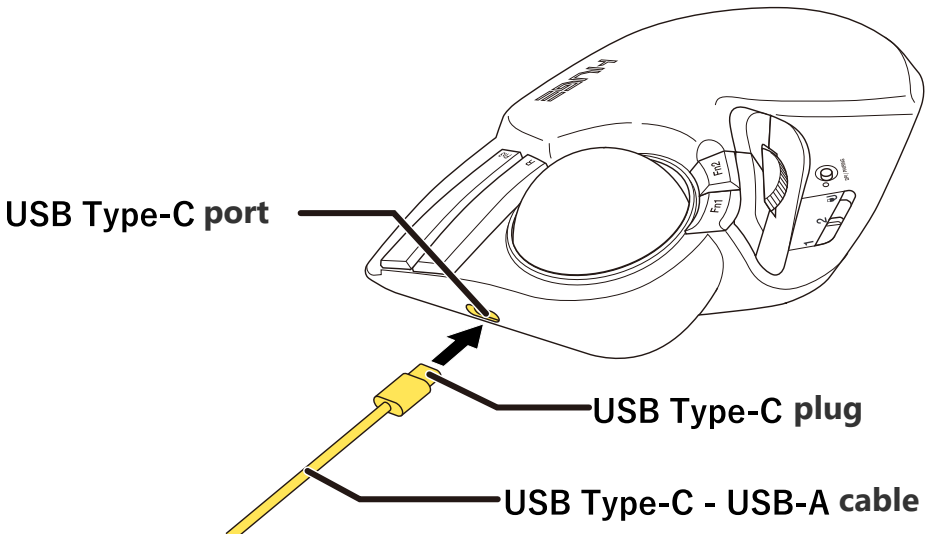
When “Natural scrolling” is turned off, the scroll direction will be the same as the direction of the scroll wheel movement.

Android

Using Bluetooth connection

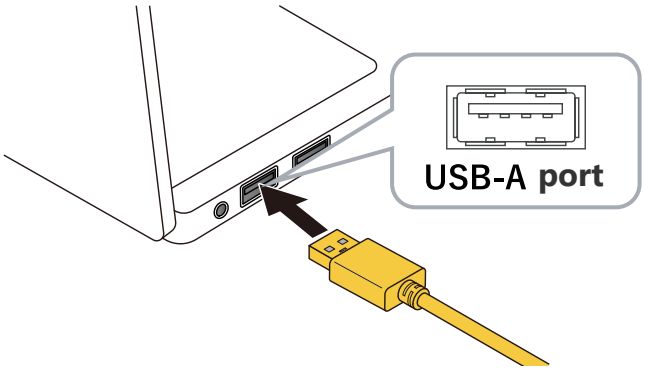
1.Charging the battery

1) Plug the USB Type-C plug of the included cable into the USB Type-C port on this product.

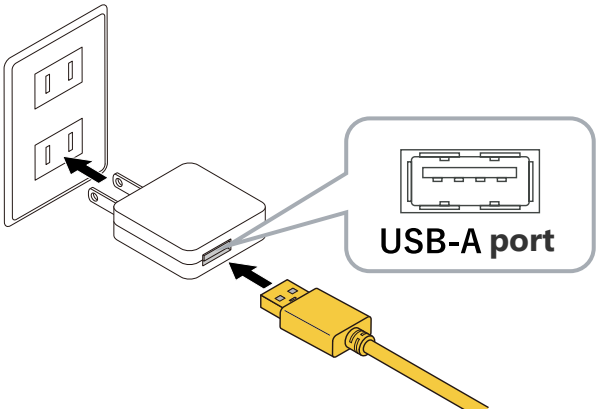


2) Insert the USB-A plug on the included charging cable into the USB-A port on your PC or a USB charging adapter.

Connecting to a PC



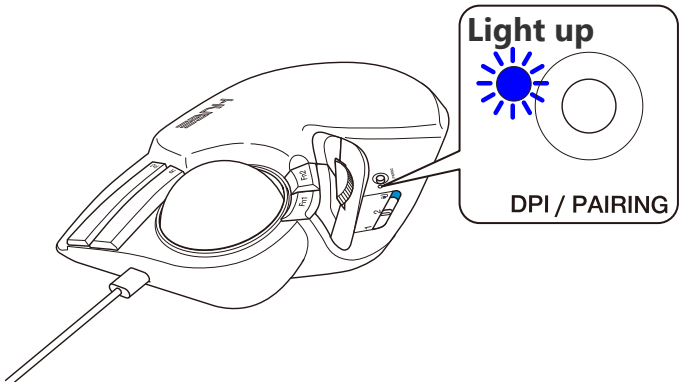
Connecting to a USB charging adapter



- 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 PC, if it has not been already switched on.

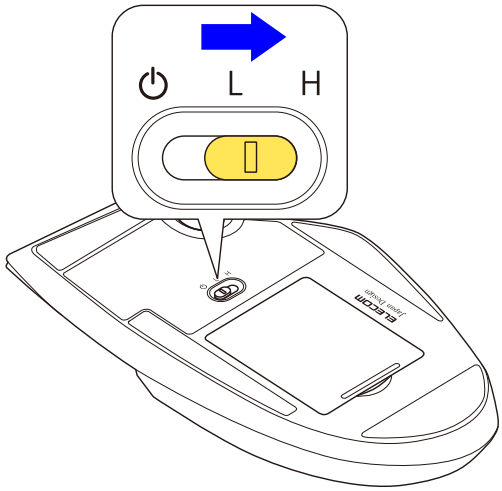
When charging begins, the LED will blink slowly in the color corresponding to the selected DPI count. When charging is complete, the LED will light up in the color corresponding to the selected DPI count. (The default color is ●Blue.)



It will take approximately x hours until full charge.
If the LED light does not light up 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 mode selection switch to either the H (Hi speed mode) or L (Low energy mode) position.



In Hi speed mode, tracking performance becomes greater when moving the ball quickly, but battery life is shortened.

Trackball power saving mode

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

Moving the trackball restores it from energy saving mode.

*For two to three seconds after restoring from energy saving mode, trackball operation may be unstable.

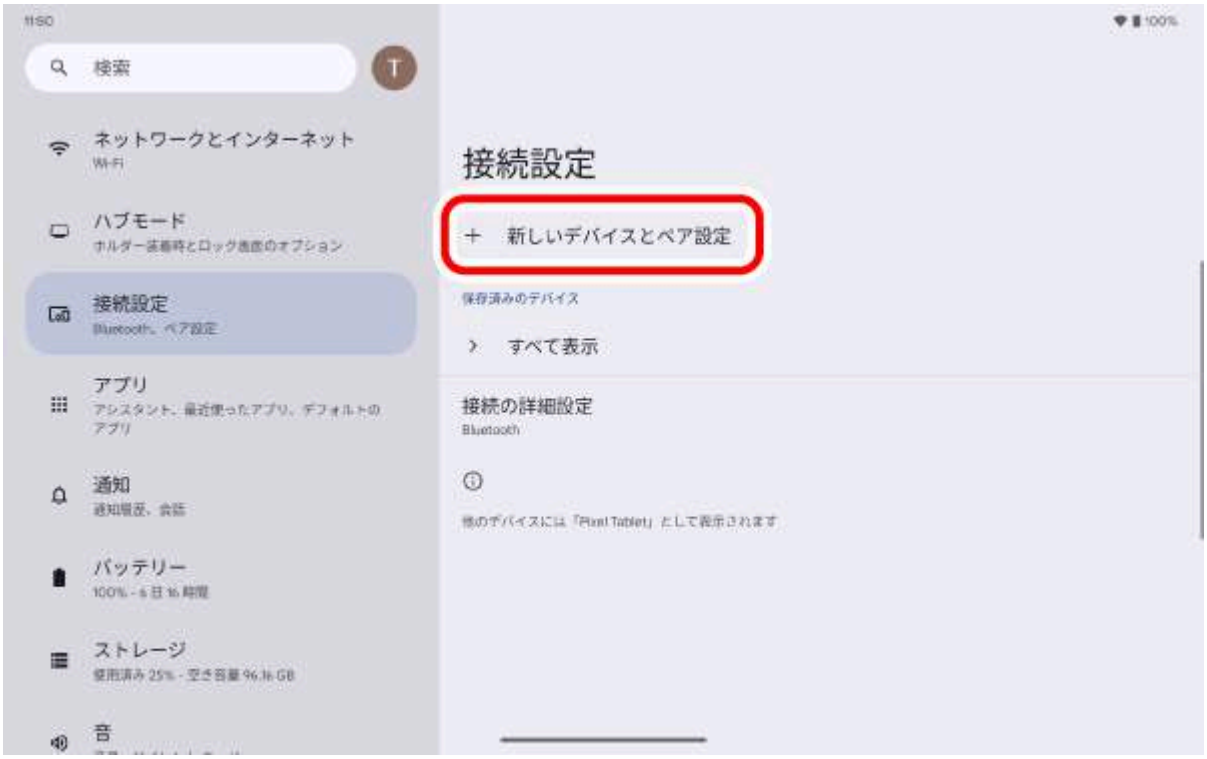
3. Pairing with an Android device.

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

1) Select “Settings” from the home page.

2) Select “Connected devices”.

3) Select “Pair new device”

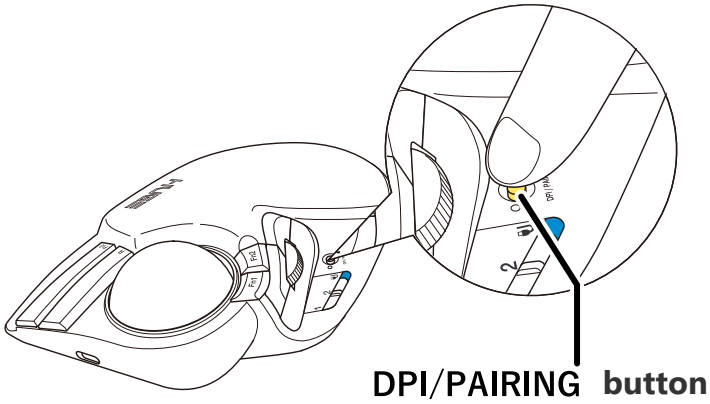


4) Switch to Bluetooth connection (1) using the connection selection switch.

Please refer to “Switch connected device” to switch between connected devices.

5) Hold down the DPI/PAIRING button for 3-4 seconds.

It will switch to pairing mode and the LED will blink slowly in the color corresponding to the selected DPI count. (The default color is ●Blue.)



6) Select “ELECOM HUGE” under “Available devices”.

7) Select “Pair”.

Pairing begins.

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

When pairing is complete, the LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

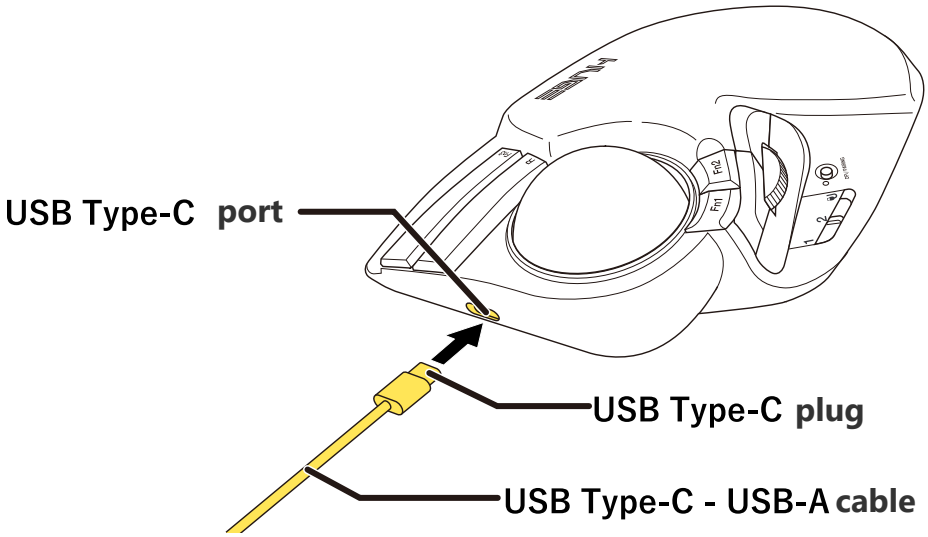
You can now use the trackball.

Chrome OS

Using Bluetooth connection

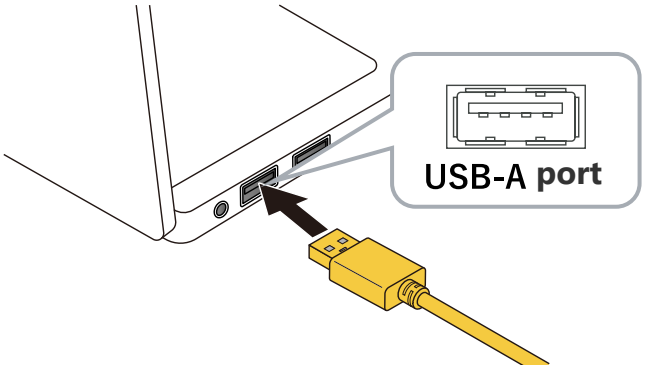
1.Charging the battery

1) Plug the USB Type-C plug of the included cable into the USB Type-C port on this product.

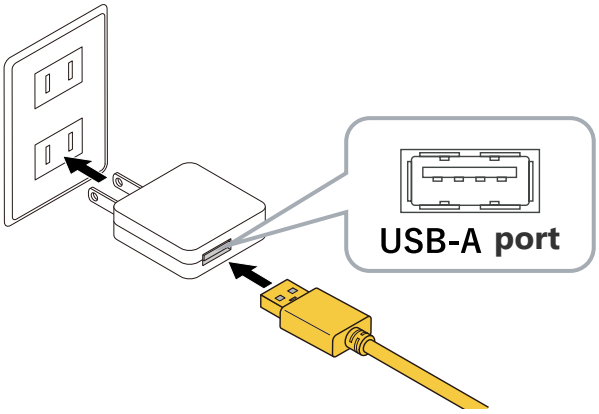


2) Insert the USB-A plug on the included charging cable into the USB-A port on your PC or a USB charging adapter.

Connecting to a PC



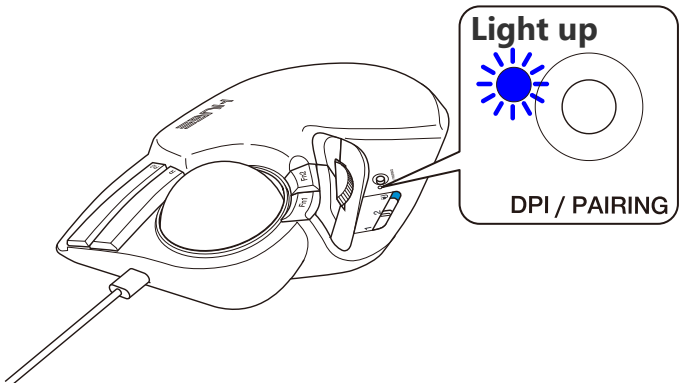
Connecting to a USB charging adapter



- 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 PC, if it has not been already switched on.

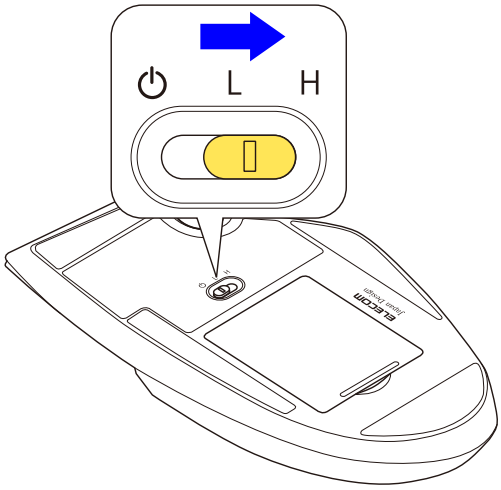
When charging begins, the LED will blink slowly in the color corresponding to the selected DPI count. When charging is complete, the LED will light up in the color corresponding to the selected DPI count. (The default color is ●Blue.)



It will take approximately x hours until full charge.
If the LED light does not light up 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 mode selection switch to either the H (Hi speed mode) or L (Low energy mode) position.



In Hi speed mode, tracking performance becomes greater when moving the ball quickly, but battery life is shortened.

Trackball power saving mode

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

Moving the trackball restores it from energy saving mode.

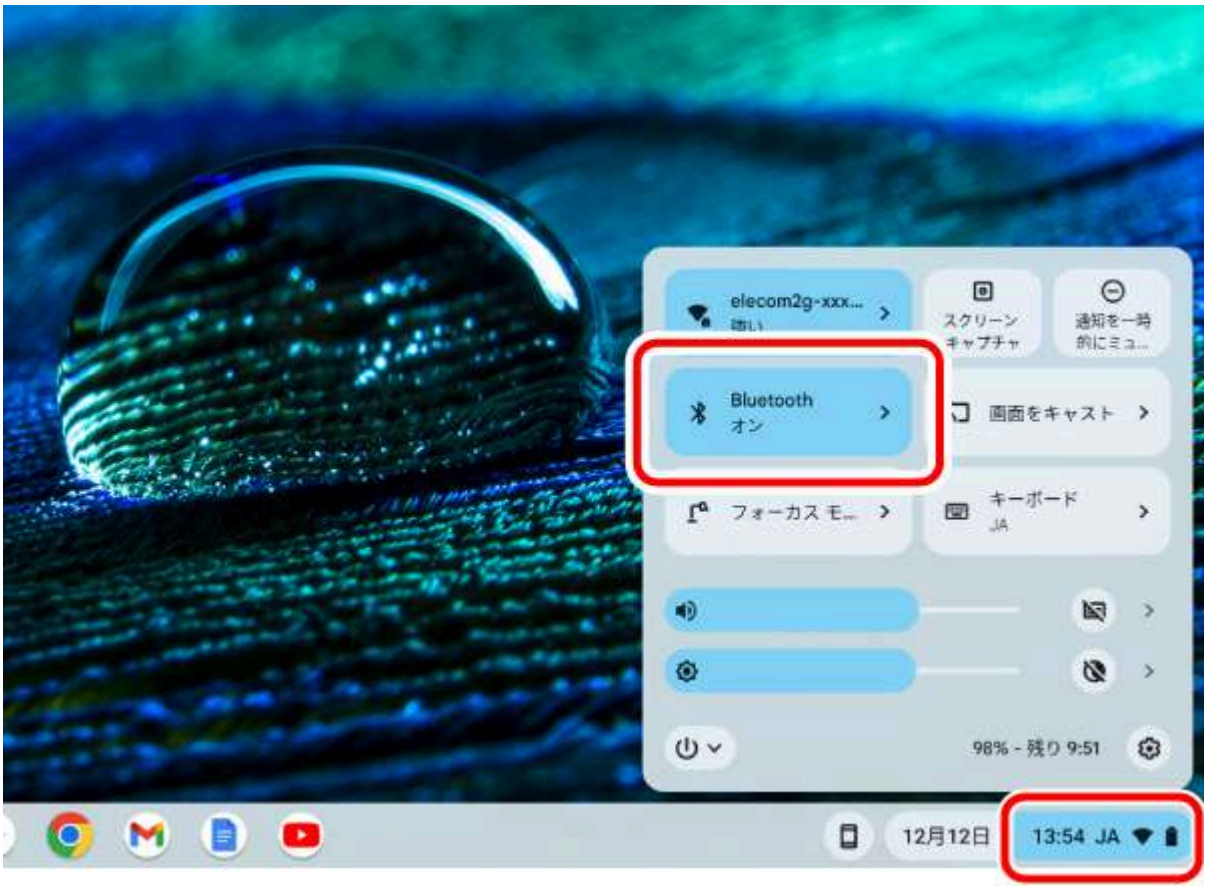
*For two to three seconds after restoring from energy saving mode, trackball operation may be unstable.

3. Pairing with a PC

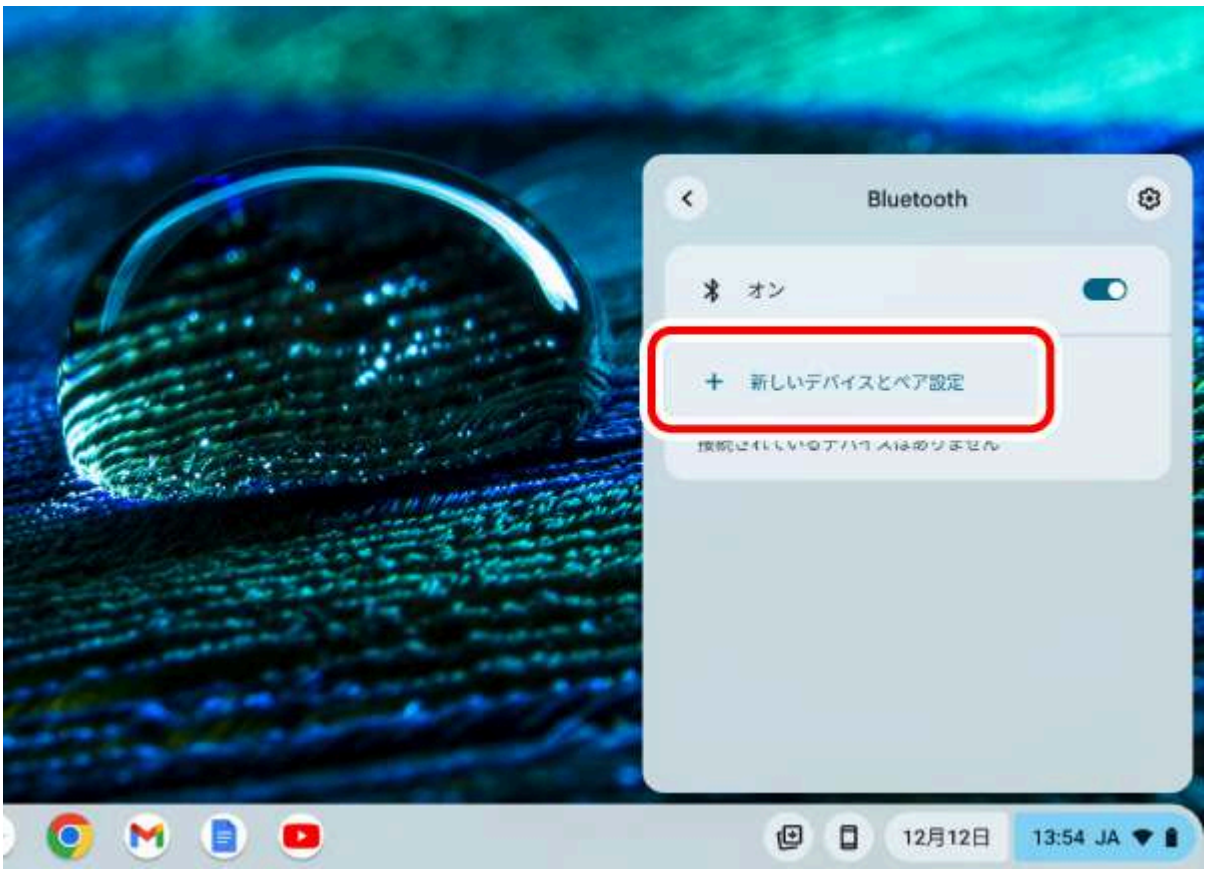
- Pairing involves registering Bluetooth devices (in this case, this product and your device) with each other, and authorizing a connection between them.
- This section covers Chrome OS standard Bluetooth functions. Depending on your PC, unique Bluetooth functions may be used. Please read the respective 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 (128.0.6613.133).

1) Select the battery icon at the bottom right.

2) Click Bluetooth on the Quick Settings panel.



3) Under “Bluetooth”, select “Pair new device”.

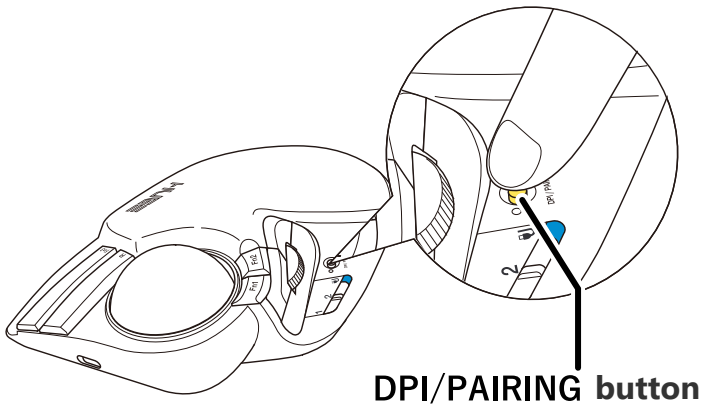


4) Switch to Bluetooth connection (1) using the connection selection switch.

Please refer to “Switch connected device” to switch between connected devices.

5) During device scanning, hold down the DPI/PAIRING button for 3-4 seconds.

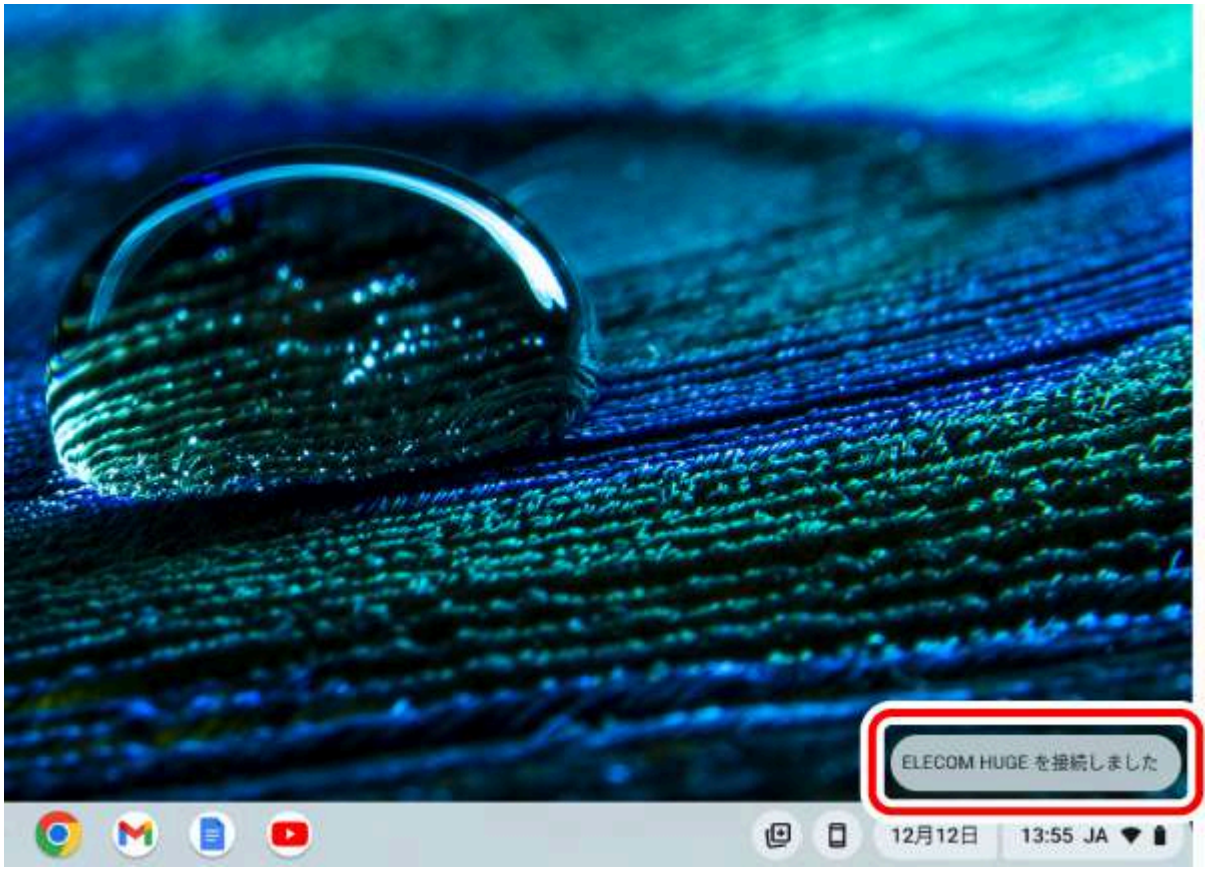
It will switch to pairing mode and the LED will blink slowly in the color corresponding to the selected DPI count. (The default color is ●Blue.)



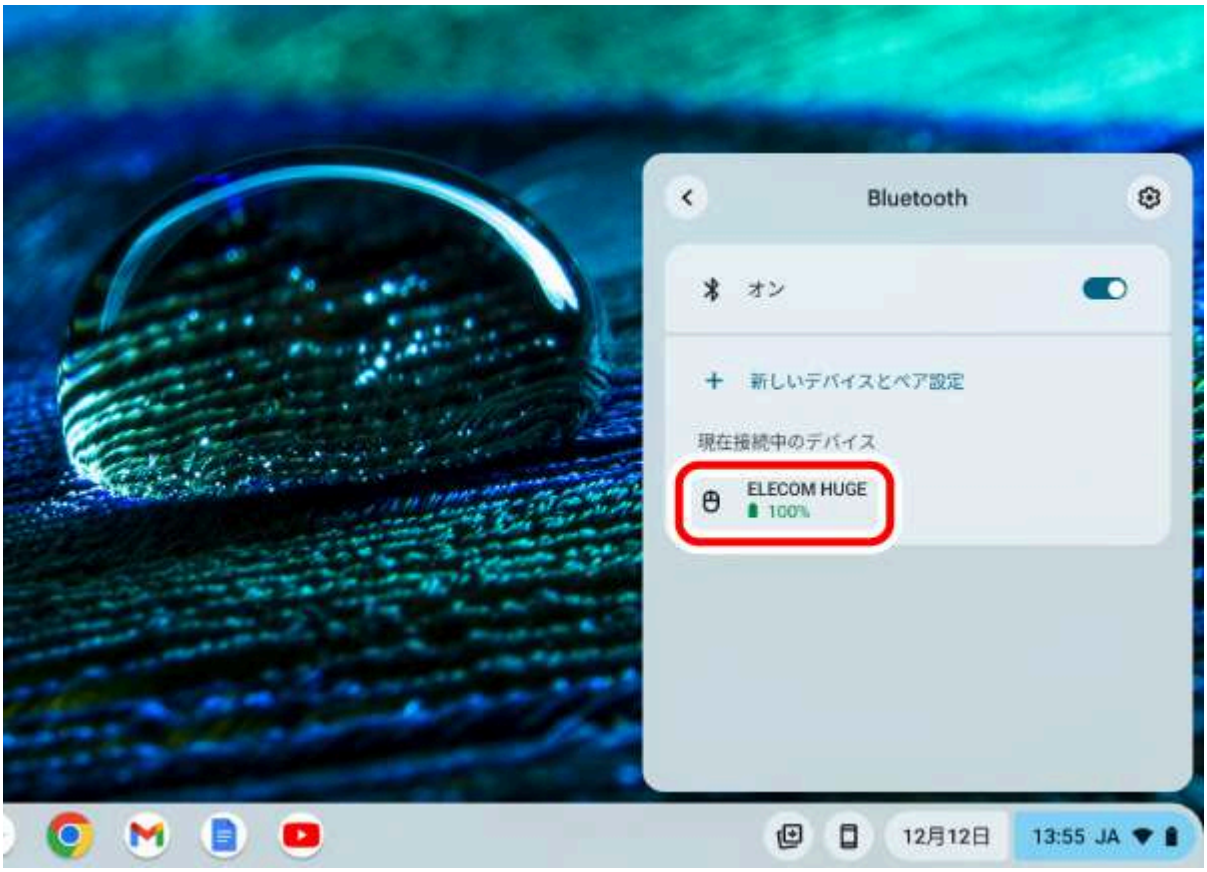
6) Click “ELECOM HUGE”.

Pairing begins.

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



2) Select “Bluetooth” like in step 2. Pairing is complete when “ELECOM HUGE” appears under “Currently connected”.



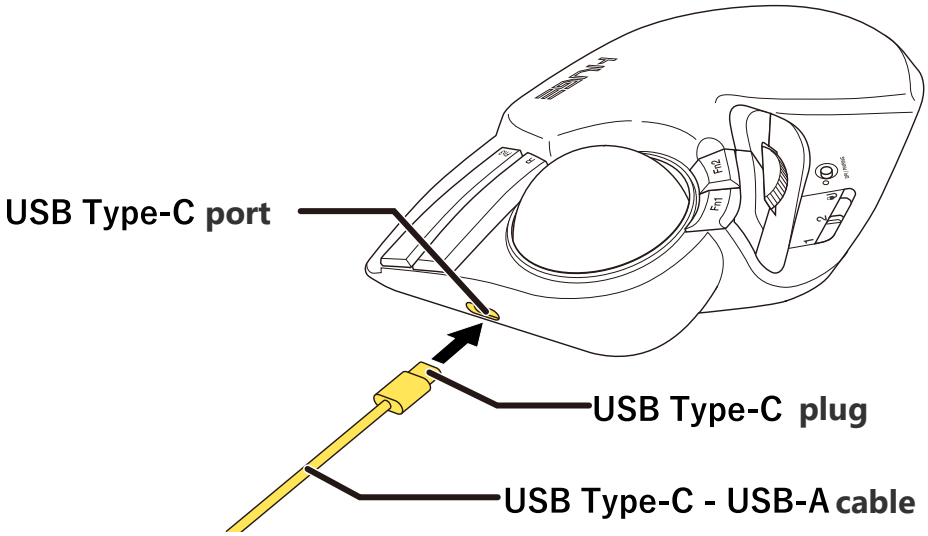
When pairing is complete, the LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

You can now use the trackball.

When using USB 2.4GHz wireless connection

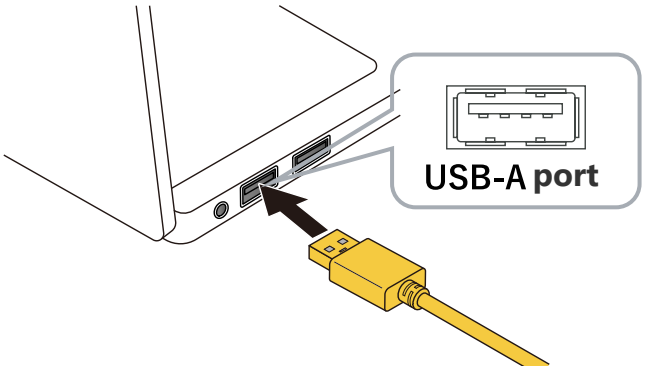
1.Charging the battery

1) Plug the USB Type-C plug of the included cable into the USB Type-C port on this product.

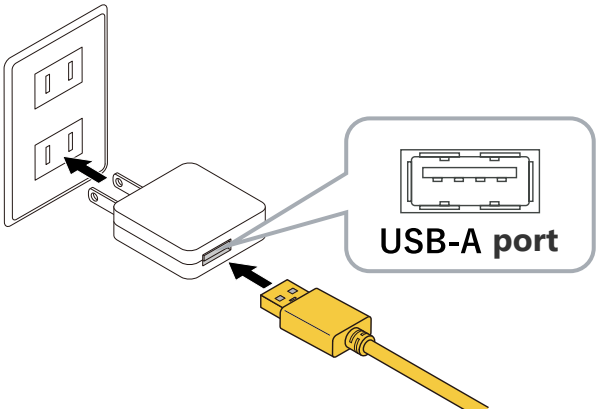


2) Insert the USB-A plug on the included charging cable into the USB-A port on your PC or a USB charging adapter.

Connecting to a PC



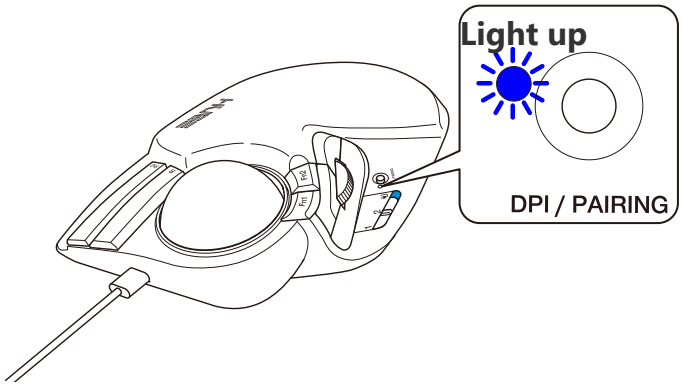
Connecting to a USB charging adapter



- 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 PC, if it has not been already switched on.

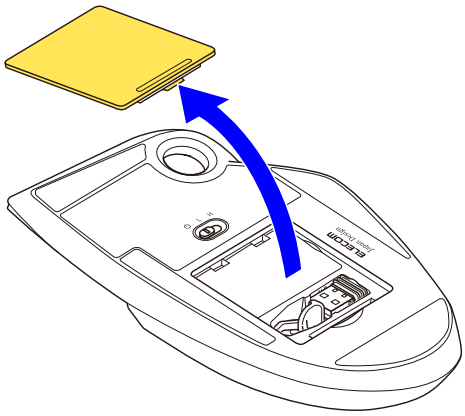
When charging begins, the LED will blink slowly in the color corresponding to the selected DPI count. When charging is complete, the LED will light up in the color corresponding to the selected DPI count. (The default color is ●Blue.)



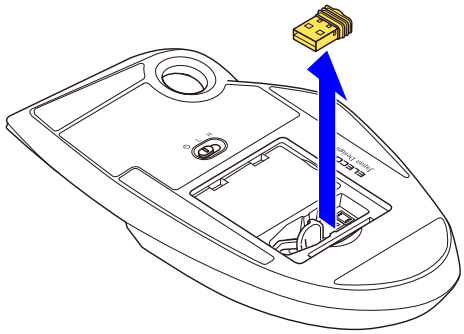
It will take approximately x hours until full charge.
If the LED light does not light up even after the prescribed charging time, remove the charging USB cable and stop charging for the moment. Otherwise, this can cause overheating, rupturing or fires.

2.Remove the receiver unit.

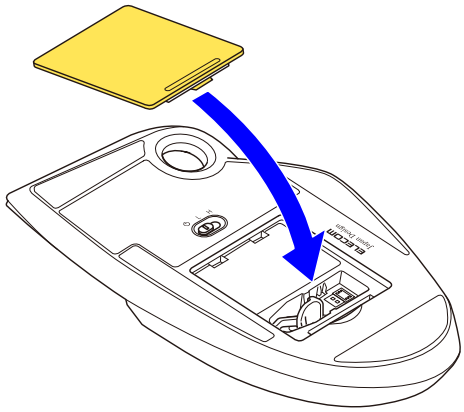
1) Remove the accessory storage compartment cover.



2) Remove the receiver unit.

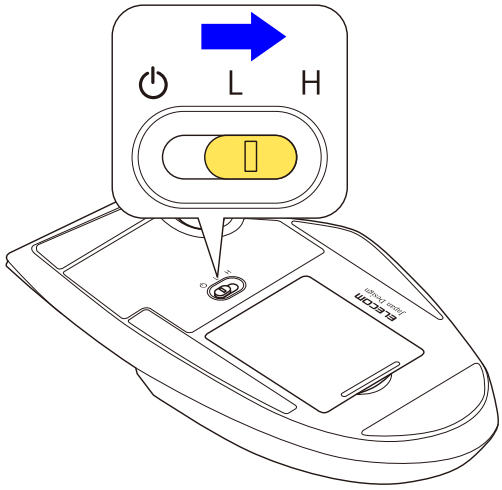


3) Put the accessory storage compartment cover back on.



3. Turn the power ON

1) Slide the power mode selection switch to either the H (Hi speed mode) or L (Low energy mode) position.



In Hi speed mode, tracking performance becomes greater when moving the ball quickly, but battery life is shortened.

Trackball power saving mode

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

Moving the trackball restores it from energy saving mode.

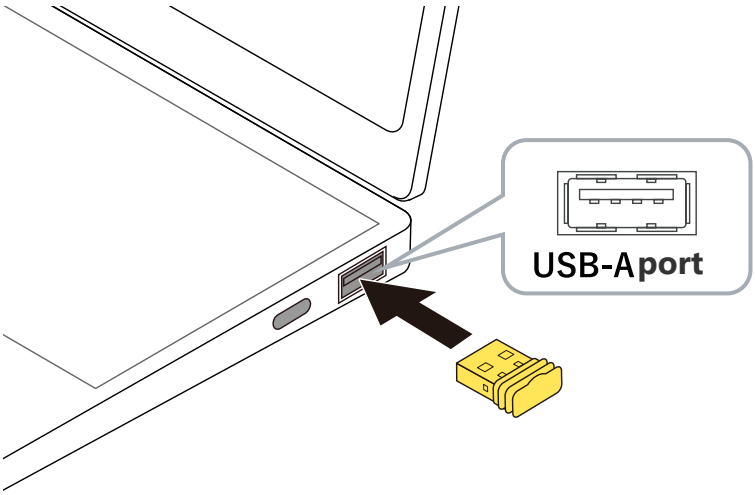
*For two to three seconds after restoring from energy saving mode, trackball operation may be unstable.

4. Connect to a PC

1) Start up your PC.

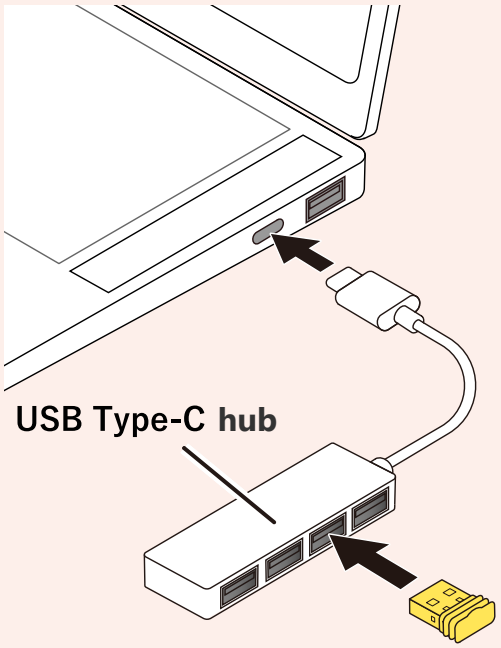
Please wait until the PC has started up and can be operated.

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



You may use any USB-A port.

・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.

3) Switch to USB 2.4GHZ wireless connection (2) using the connection selection switch.

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

When removing the receiver unit

This product supports hot plugging. You can remove the receiver unit even when the PC is running.

4) The driver is automatically installed and the trackball can be used.

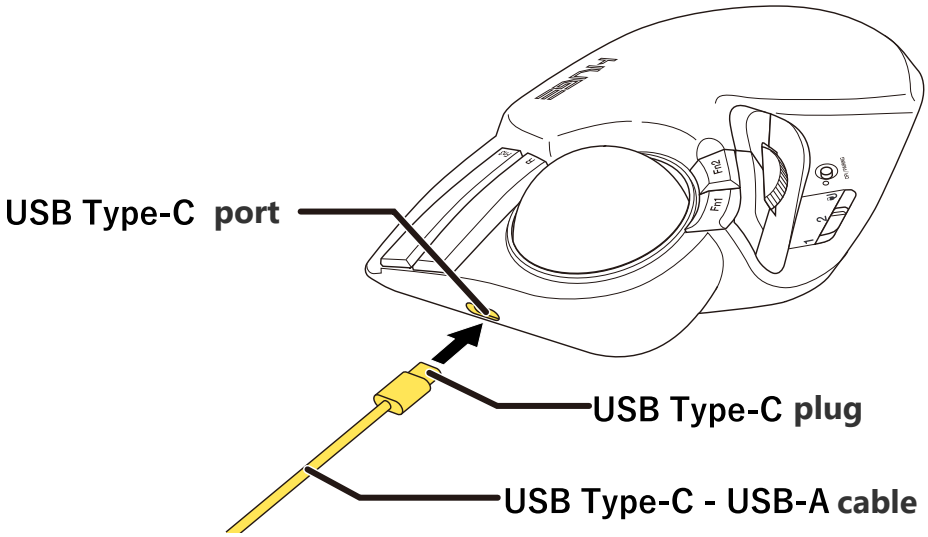
The LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

You can now use the trackball.

Using USB wired connection

Connecting to a PC

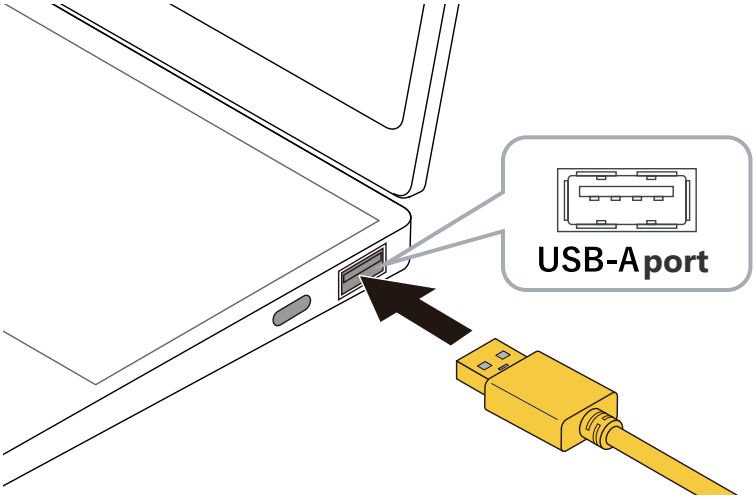
1) Plug the Type-C connector of the included USB Type-C - USB-A cable to the USB Type-C port of this product.



2) Start up your PC.

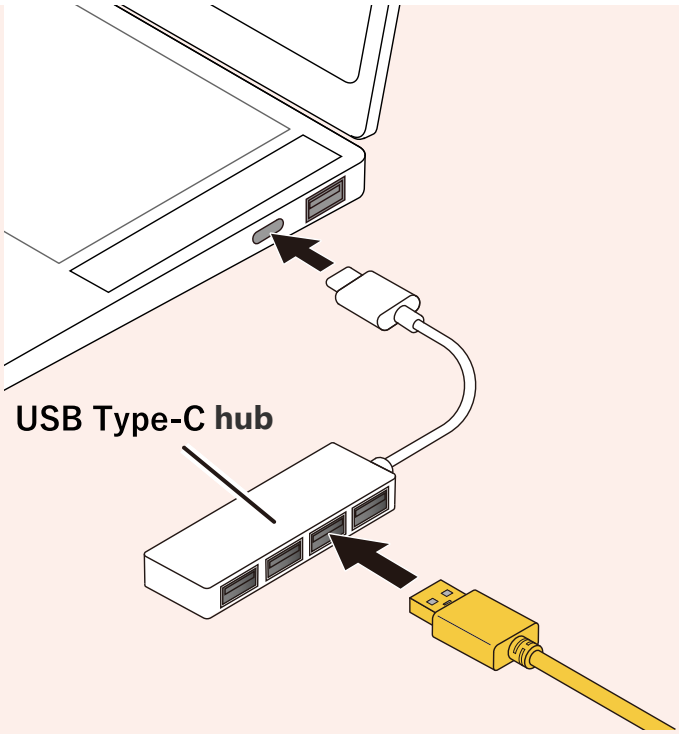
Please wait until the PC has started up and can be operated.

3) Plug the USB-A connector of the USB Type-C - USB-A cable into the USB-A port of the PC.



You may use any USB-A port.

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



- Do not pull or bend the cable using excessive force. A fire or electric shock may result from broken wires.
- 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.

4) Switch to USB wired connection (1) using the connection selection switch.

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

To remove the trackball

This product supports hot plugging. The trackball may be removed while your PC is in operation.

5) The driver is automatically installed and the trackball can be used.

The LED will blink for 5 seconds in the color corresponding to the selected DPI count. (The default color is ●Blue.)

You can now use the trackball.

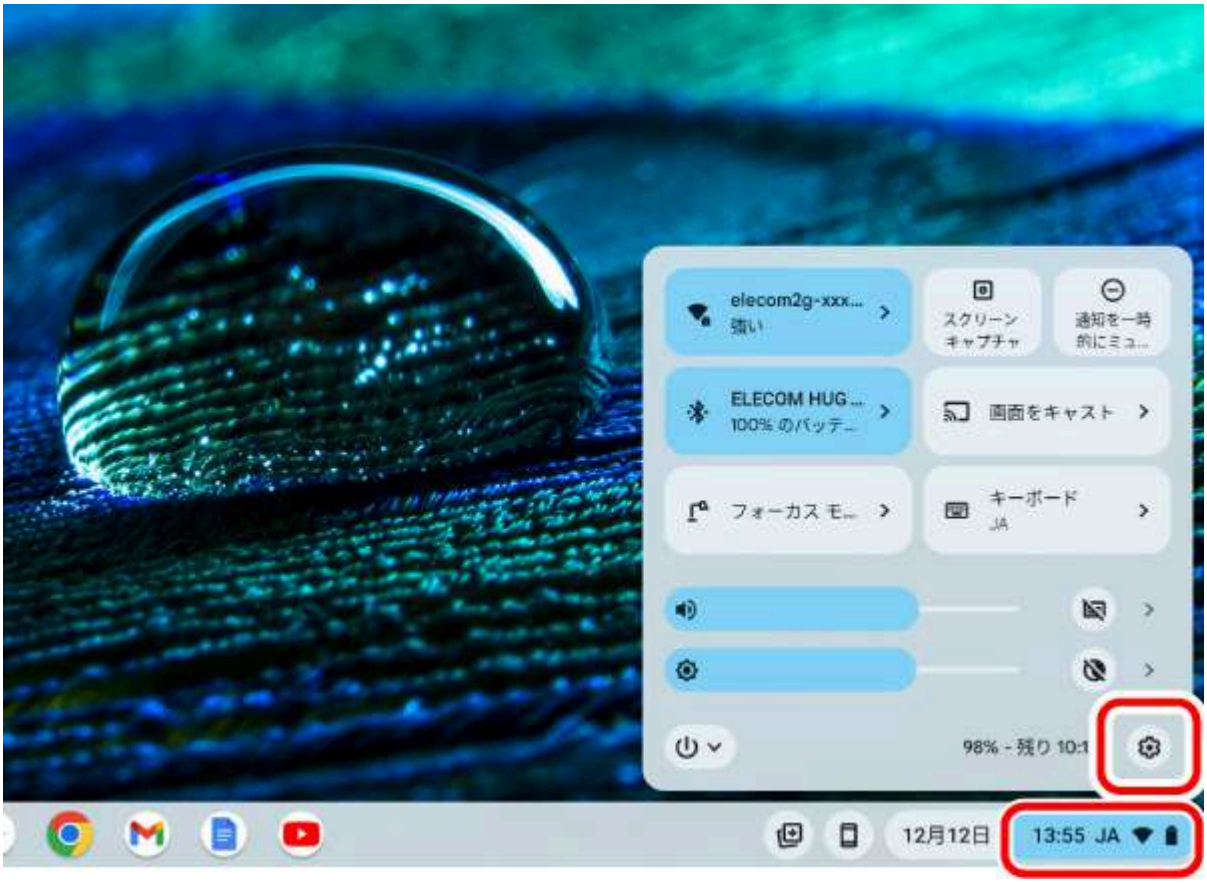
Change the mouse pointer speed

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

1) Select the battery icon at the bottom right.

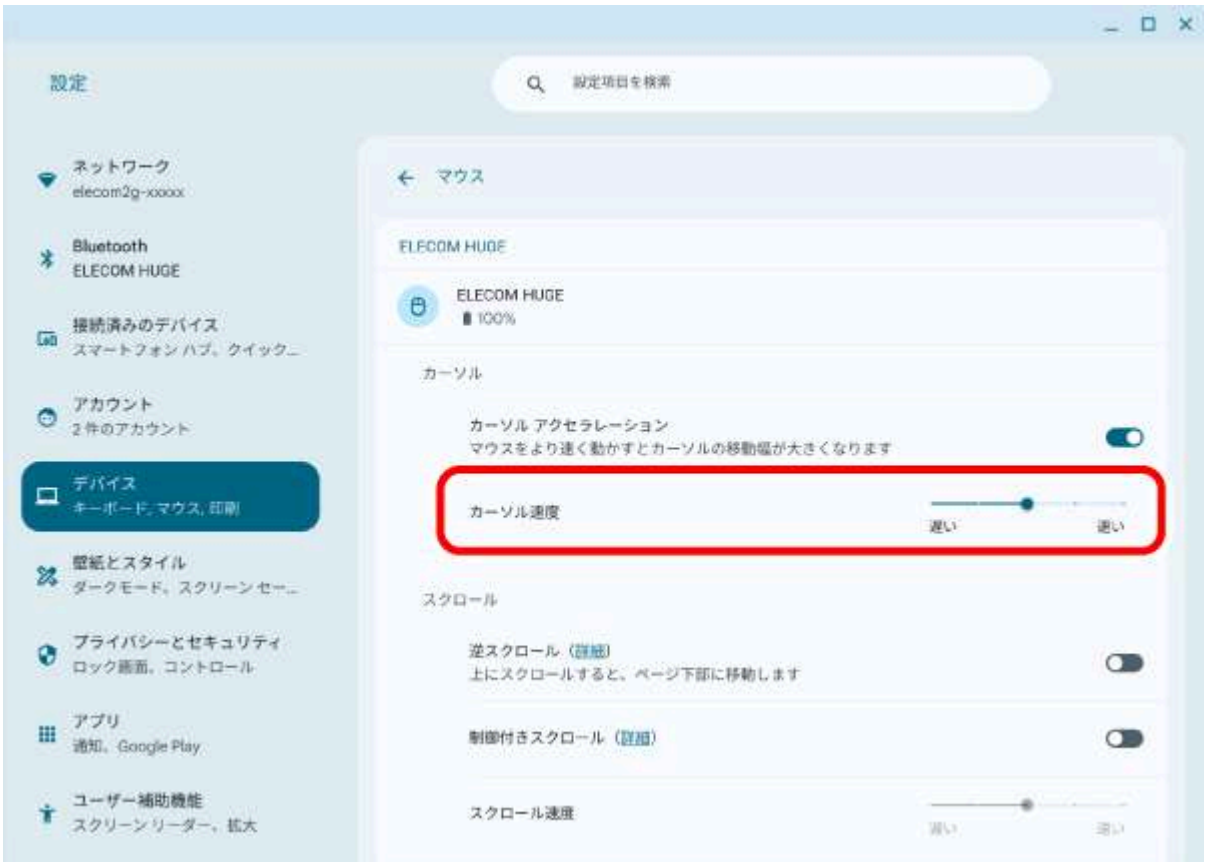
2) Select (settings) on the Quick Settings panel.

The settings page will appear.



3) Select “Mouse” under “Device”.

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

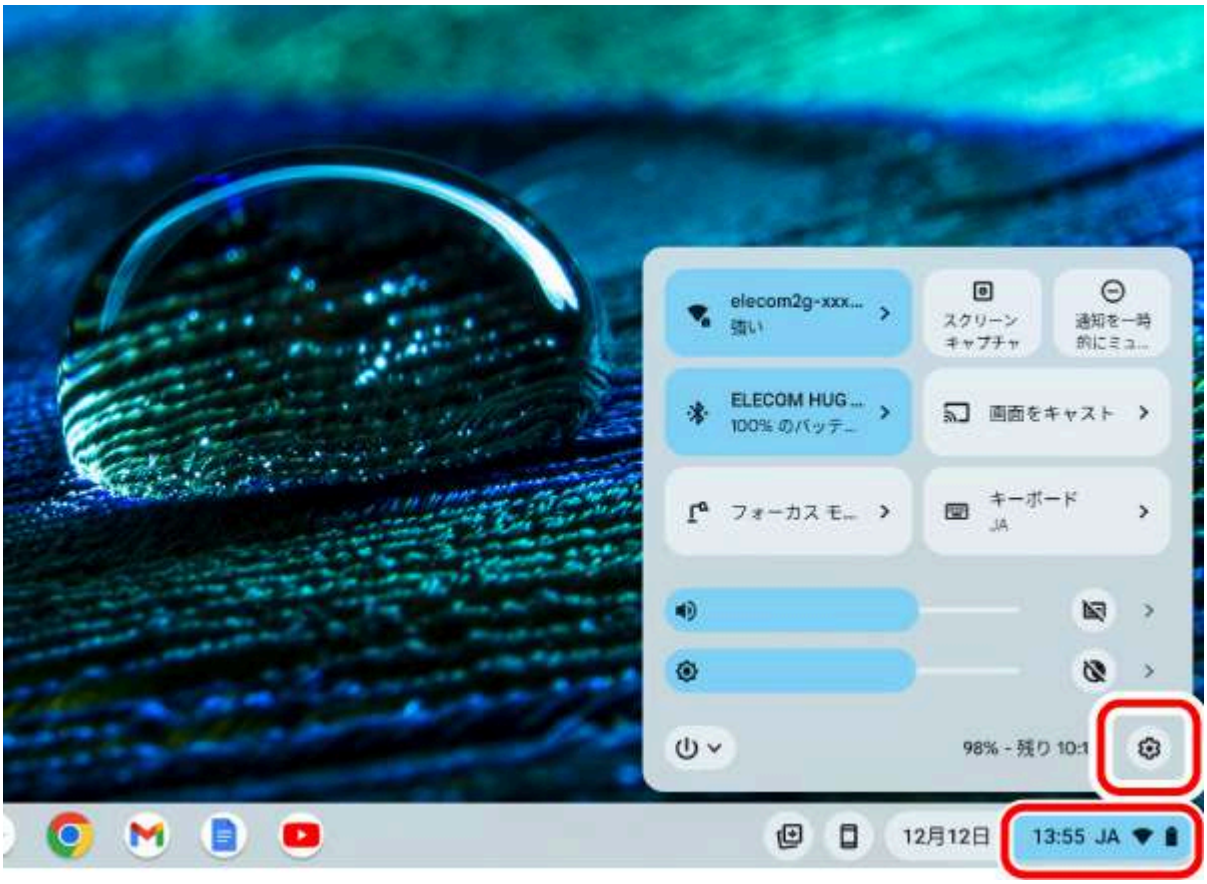


Change the number of lines scrolled in one wheel turn

1) Select the battery icon at the bottom right.

2) Select **(settings) on the Quick Settings panel.**

The settings page will appear.



3) Select “Mouse” under “Device”.

4) If "Controlled scrolling" for "ELECOM HUGE" is disabled, select to enable it.

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

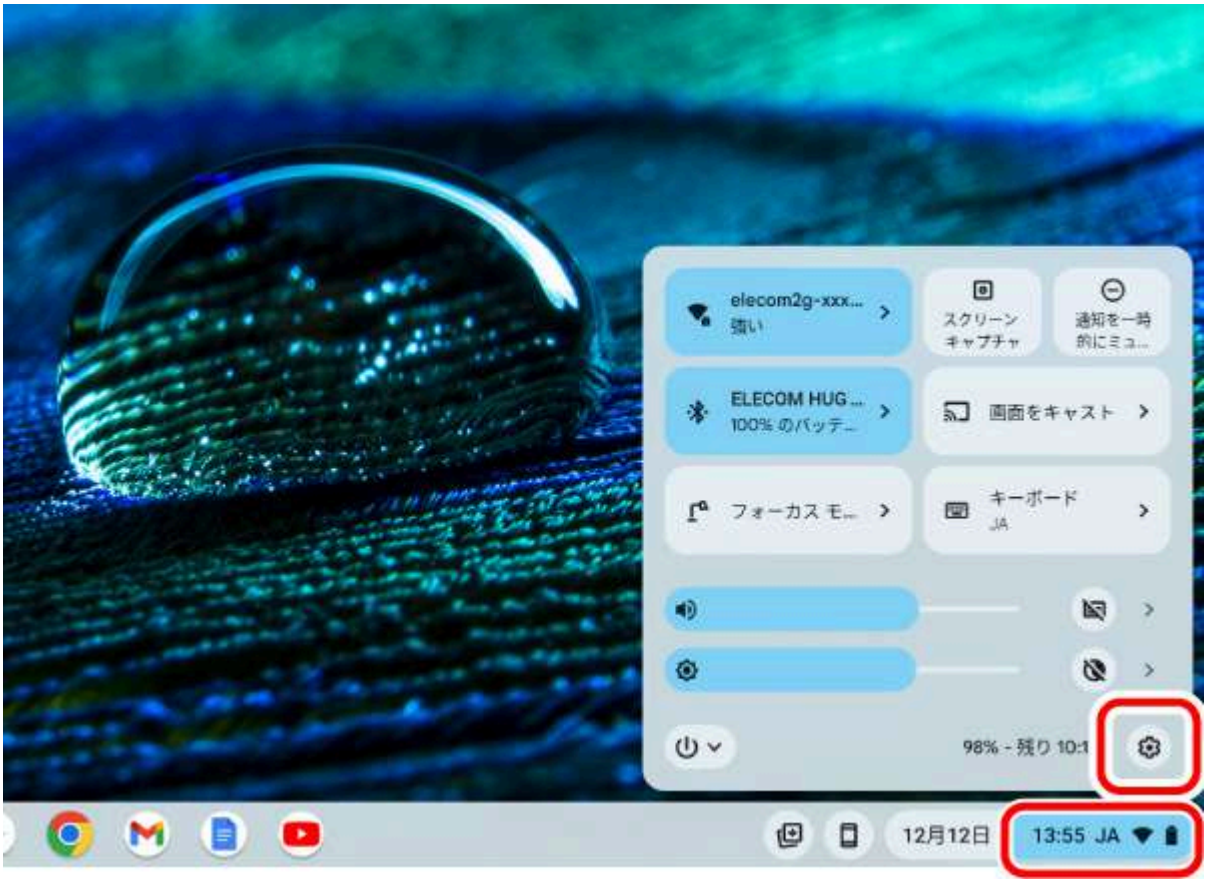
Change scroll direction

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

1) Select the battery icon at the bottom right.

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

The settings page will appear.



3) Select “Mouse” under “Device”.

4) Click "Reverse scrolling" for "ELECOM HUGE" to enable or disabled scrolling in the reverse direction.

The scroll direction will be the reverse of the direction of the scroll wheel movement when “Reverse scrolling” is turned on.

Specifications

Connection method	USB 2.4 GHz wireless / Bluetooth® wireless / USB wired
Connector type	Receiver unit: USB-A plug Trackball unit: USB Type-C® port
Bluetooth standard	Bluetooth 5.3 Class2
Compatible models	Windows OS, macOS, and Chrome OS devices that support Bluetooth® Low Energy or USB-port equipped devices.
Supported OS	Windows 11/10, macOS 15 Sequoia, iOS 18/iPad OS 18, ChromeOS, Android 14
Radio frequency	2.4 GHz
Radio wave range	Maximum length approximately 10 m/32.8 ft. *May vary depending on the environment.
Switching between connected devices	Supported (USB 2.4 GHz wireless: 1 / Bluetooth: 1 / Wired: 1)
Ball diameter	Diameter approx. 52 mm
Support type	Bearing
Sensor type	IRLED
Sensor Resolution	500/1000/1500 DPI
Buttons	10 *including the wheel button and tilt wheel
Number of wheels	1
Receiver unit storage compartment	Supported
Power source	Built-in lithium-ion battery (rechargeable)

Battery life	Up to X months on one full charge *May vary depending on the usage conditions.
Size category	LL size
Dimensions	Approximately WXX ×LXX ×HXX mm/WXX ×LXX ×HXX in.
External dimensions (receiver)	Approximately WXX ×LXX ×HXX mm/WXX ×LXX ×HXX in.
Cable Length	Approximately 1.5 m / xxx ft
Weight	Approximately X g/X oz
Mass (receiver unit)	Approximately X g/X oz
Operating environment conditions	Temperature: X °C～XX °C/XX °F～XX °F, humidity: ～XX % RH (without condensation)
Storage environment conditions	Temperature: X °C～XX °C/XX °F～XX °F, humidity: ～XX % RH (without condensation)
Contents	Trackball (main unit), 1 receiver unit, 1 removal tool, 1 cable for wired connection (USB Type-C - USB-A, approx. 1.5 m)

Compliance status

Model/모델명/设备型号/型號: MHT1MR, E01G

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

▼ China / 中国

设备型号: xxxxxxxxxx
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

▼ 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 xxxxxxxx: xxxxxxxxxxxxxx

型號 xxxxxxxx: xxxxxxxxxxxxxx

型號 xxxxxxxx: xxxxxxxxxxxxxx

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▼US

FCC ID: YWO-MHT1MR
FCC ID: YWO-E01G

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.
2211 Michelson Dr. Suite 900, Irvine, CA 92612 USA
elecomusa.com

Support information

ELECOM CO., LTD.

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

Go to Global Site

Global Support

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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.

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Los clientes que compran fuera de Japón deben ponerse en contacto con el distribuidor local del país de compra para realizar consultas. En “ELECOM CO., LTD. (Japón)”, no se brinda servicio de atención al cliente para consultas sobre compras o uso en/desde otros países que no sean Japón. Además, no está disponible ninguna otra lengua extranjera que no sea el japonés. Los reemplazos se efectuarán bajo la estipulación de la garantía de ELECOM.

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Silakan hubungi toko tempat Anda membeli produk ini jika Anda memiliki masukan atau pertanyaan tentang isi manual ini.

Spesifikasi dan tampilan luar produk ini dapat berubah tanpa pemberitahuan sebelumnya untuk tujuan peningkatan produk.
ELECOM tidak bertanggung jawab atas segala kerusakan atau kegagalan perangkat lain yang disebabkan oleh penggunaan produk ini.
Gambar-gambar yang tertera hanyalah untuk ilustrasi dan mungkin berbeda dari produk asli.
Saat produk diekspor, harap periksa dengan saksama semua peraturan ekspor negara asal.

Pelanggan yang membeli di luar Jepang harus menghubungi peritel lokal di negara pembelian untuk pertanyaan apa pun. Di “ELECOM CO., LTD. (Jepang)”, tidak tersedia dukungan pelanggan untuk pertanyaan tentang pembelian atau penggunaan di/dari negara lain selain Jepang. Selain itu, tidak tersedia bahasa asing lain selain Jepang. Penggantian akan dilakukan sesuai dengan ketentuan garansi ELECOM.

Sila hubungi kedai tempat anda membeli produk ini jika anda mempunyai sebarang maklum balas atau pertanyaan tentang kandungan manual ini.
Spesifikasi dan rupa luaran produk ini boleh diubah tanpa notis awal untuk tujuan penambahbaikan produk.
ELECOM tidak bertanggungjawab ke atas sebarang kerosakan, atau kegagalan peranti lain yang disebabkan oleh penggunaan produk ini.
Imej adalah bagi tujuan ilustrasi sahaja dan mungkin berbeza daripada produk sebenar anda.
Apabila mengeksport produk ini, periksa peraturan eksport bagi negara asal.

Pelanggan yang membeli di luar Jepun harus menghubungi peruncit tempatan di negara pembelian untuk pertanyaan. Di "ELECOM CO., LTD. (Jepun)”, tiada sokongan pelanggan yang disediakan untuk pertanyaan mengenai pembelian atau penggunaan di/dari mana-mana negara selain Jepun. Selain itu, tiada bahasa asing yang tersedia selain daripada bahasa Jepun. Penggantian akan dibuat di bawah penetapan jaminan ELECOM.