



Wireless Presentation Mouse VGP-WMS50

Operating Instructions Mode d'emploi

2-684-362-11(1) © 2005 Sony Corporation Printed in Japan



English

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

Owner's Record

The model number and the serial number are located on the bottom of the mouse. Record the serial number in the space provided below. Refer to this number whenever you call your Sony dealer regarding this product.

Model No. VGP-WMS50
Serial No. _____

For customers in the U.S.A.

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 radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. 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 turning 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.

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a digital device pursuant to subpart B of Part 15 of the FCC Rules.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

For questions regarding your product or for the Sony Service Center nearest you, call 1-888-476-6972 in the United States or 1-800-961-7669 in Canada.

The number below is for FCC related matters only.

Declaration of Conformity Trade Name: SONY Model No.: VGP-WMS50 Responsible Party: Sony Electronics Inc. Address: 16450 W. Bernardo Dr., San Diego, CA 92127 U.S.A. Telephone No.: 858-942-2230 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.
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FCC Radiation Exposure Statement:

These products comply with FCC radiation exposure limits set forth for uncontrolled equipment and meet the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. These products have very low levels of RF energy that it is deemed to comply without testing of specific absorption ratio (SAR).

For customers in Canada

This Class B digital apparatus complies with Canadian ICES-003. This device complies with Industry Canada RSS 210. The term "IC:" before the radio certification number only signifies that the Industry Canada technical specifications were met.

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 of the device.

To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

IC Exposure of Humans to RF Fields

The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website: www.hc-sc.gc.ca/rpb.

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- Microsoft, Windows and PowerPoint® are registered trademarks of Microsoft Corporation in the United States and/or other countries.
- All other names of systems, products, and services are trademarks of their respective owners. In this manual, the ™ or ® marks are not specified.

In this manual, Microsoft® Windows® 2000 Professional is referred to as Windows 2000.

In this manual, Microsoft® Windows® Millennium Edition is referred to as Windows Me.

In this manual, Microsoft® Windows® XP Home Edition, Microsoft® Windows® XP Professional and Microsoft® Windows® XP Media Center Edition are referred to as Windows XP.

Before Use

The Wireless Presentation Mouse is a USB mouse specifically designed for Sony VAIO® computers* and IBM PC/AT compatible computers with USB ports and pre-installed with Windows XP.

* This includes Windows XP Ready PCs upgraded with the Windows XP Upgrade Program distributed by Sony Corporation.

This product features a presentation mode, enabling use not only as a wireless mouse but also as a presentation remote, allowing for pointer movement and slideshow direction from a distance.

Mouse mode: Use as a wireless mouse.
Presentation mode: Use as a pointing device, ideal for presentations.

Notes

- Inserting the wireless receiver into the computer's USB port may disable neighboring USB ports.
- Operation is not guaranteed for every computer that meets the above conditions.
- Operation is not guaranteed for home-built computers, white box PCs, and computers with OS upgrades and multi-boot systems.

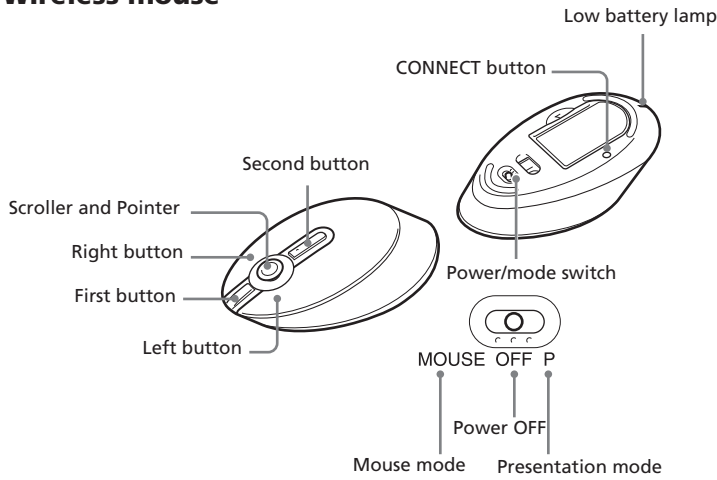
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<http://www.sony.net/>

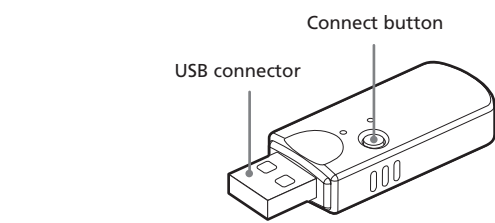
Names of Parts

Wireless mouse



* Hereafter referred to as ??Scroll Pointer??.

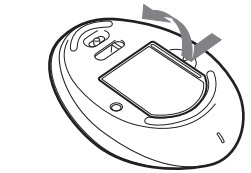
Wireless receiver



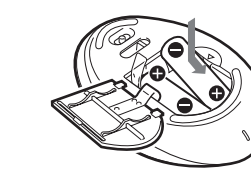
Preparations

Inserting batteries into the mouse

- 1 Set the power/mode switch located on the bottom of the mouse to OFF.
- 2 Open the battery compartment cover.



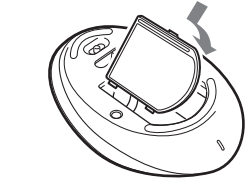
- 3 Insert the two supplied IEC R6 (size AA) batteries with the correct + - orientation.



Note

- To prevent battery fluid leaks and damage, observe the following precautions.
- Insert the batteries with the correct + - orientation.
 - Do not charge dry cell batteries.
 - Do not mix old and new batteries, or batteries of a different type.
 - If the mouse has not been used for a long time, remove the batteries.
 - If a battery fluid leak occurs, carefully wipe the battery compartment, and insert new batteries.
 - To prevent accidental operation, be careful not to press any buttons or move the ??Scroll Pointer?? when replacing the batteries.

- 4 Close the battery compartment cover.

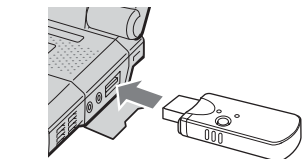


Note

- Under normal operating conditions, a set of alkaline batteries lasts about three months. When the cursor movement becomes sluggish and the communication distance between the mouse and receiver decreases, replace the batteries.
- When not using the mouse, set the power /mode switch to OFF. This will make the batteries last longer.

Connecting the receiver to the computer

Insert the receiver into the computer's USB port.



Installing drivers and utilities

Notes

- Depending on the computer or the software installed, some functions may not be available.
- Make sure your CD-ROM drive is ready to use. For details on how to connect and use your CD-ROM drive, refer to the operating instructions supplied with the drive.
- Optical disc drives such as CD drives will be referred to as a CD-ROM drive in this manual.

- 1 Turn your computer on. Once Windows has finished starting up, insert the supplied installation disc into the CD-ROM drive.

Installation should start automatically. If it does not, click "setup.exe" on the CD-ROM.

- 2 Complete the installation according to the instructions shown on the display.

When the installation is complete, the following icon will be displayed in the Windows notification area.



If the icon does not appear

Restart your computer and make sure the icon is displayed.

Enabling communication between the mouse and receiver

- 1 Turn the mouse on.

Set the power/mode switch located on the bottom of the mouse to one of the following positions.

When using as a wireless mouse (mouse mode) : MOUSE
When using in presentations (presentation mode) : P

Note

Whenever you operate the power /mode switch, be careful not to stare directly into the red light emitted from the base of the mouse.

When using the mouse for the first time

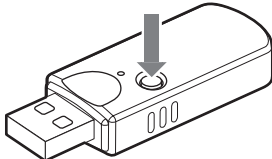
We recommend that you set the power /mode switch to MOUSE.

- 2 Press the Connect button on the receiver.

Note

If you find it difficult to press the Connect button, use a ballpoint pen or similar pointed objects to gently press the button.

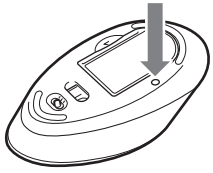
The receiver LED lights up green, and the mouse can be recognized for a period of about 30 seconds.



- 3 Press the CONNECT button on the mouse.

Note

If you find it difficult to press the CONNECT button, use a ballpoint pen or similar pointed objects to gently press the button.



Communication is established between the mouse and receiver.

- 4 Wait until the receiver LED turns off before moving the mouse (or moving the ??Scroll Pointer?? in presentation mode).

If the pointer on the computer screen moves, you can use the mouse.

To stop using the mouse

Disconnect the receiver from the USB port of the computer.

You can disconnect and connect the receiver without turning the computer off. By setting the mouse power /mode switch to OFF, you can conserve battery power.

Operating distance of the mouse

The mouse can normally be operated within about a 32 ft. (10 m) radius around the receiver. Depending on the usage environment, sometimes the usable distance may be notably shorter, preventing normal operation.

In such a case, take the following measures:

- Use the mouse as far away from other wireless devices as possible.
- Use the mouse closer to the receiver.
- Use a mouse pad.

Using as a Wireless Mouse (Mouse Mode)

To use the unit as a wireless mouse, set the power /mode switch located on the bottom of the mouse to MOUSE. When you move the mouse, the pointer displayed on your computer screen moves in the same direction.

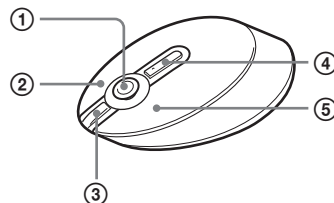
When using as a wireless mouse

The following icon is displayed in the notification area:

Notes

- The optical mouse distinguishes movement by reflecting the red light from its base off surfaces and detecting shadows with an optical sensor. The optical mouse may not operate correctly on the following surfaces:
 - Transparent surfaces (such as glass)
 - Surfaces that reflect light (such as glossy plastics or mirrors)
 - Surfaces with a repetitive pattern, such as screening (like those used for printing photos in magazines and newspapers)
 - Surfaces that are striped or have another distinct, high-contrast patternIf the mouse pointer does not move smoothly across the screen, make sure you are not using the mouse on one of the surfaces listed above.
- The soles on the base of the mouse are made with a low-friction fluoroplastic, PTFE (polytetrafluoroethylene), but depending on the type of desk or mouse pad, the smoothness of movement may vary.

Basic operations



- 1 ??Scroll Pointer??

Tilt the ??Scroll Pointer?? up, down, left, or right to scroll vertically and horizontally. You can adjust scroll speed and sensitivity in the "Mouse Properties" dialog box. For details, see "Adjusting Mouse Properties".

- 2 Right button*

Press to open the shortcut menu and perform specific functions, such as copying text/image files and viewing file information.

- 3 First button*

Press to go back to previous pages when browsing the Web or to view previous screens.

- 4 Second Button*

Press to go forward to the next page when browsing the Web (when Button 1 has been used to go back).

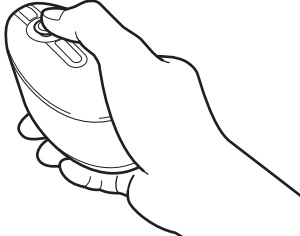
- 5 Left button

Press to perform specific mouse functions, such as opening files and selecting programs. The left button is used most often when using the mouse.

* You can configure the right button, left button, First button, and Second button functions in the "Mouse Properties" dialog box. For details, see "Adjusting Mouse Properties".

Using the Presentation Function (Presentation Mode)

Set the power /mode switch located on the bottom of the mouse to P to turn off the red light and enter presentation mode. In presentation mode, you can move the pointer from a distance and button functions are set to make presenting easier.

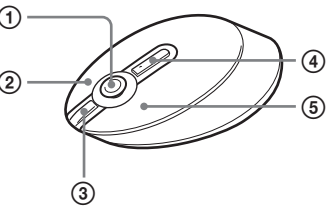


When using presentation mode

The following icon is displayed in the notification area:

Basic operations in presentation mode

Button functions will change to the following in presentation mode:



- 1 ??Scroll Pointer??

When you move the ??Scroll Pointer??. the pointer displayed on your screen moves in the same direction.

- 2 Right button

- Clicking: When using PowerPoint2003 or later, begins slide show from selected sheet.
- Holding the button for more than 1 second: Opens the menu box and lets you select specific functions. For details, see "Opening the menu box."

- 3 First button

Displays the previous slide.

- 4 Second button

Displays the next slide.

- 5 Left button

Same function as in mouse mode.

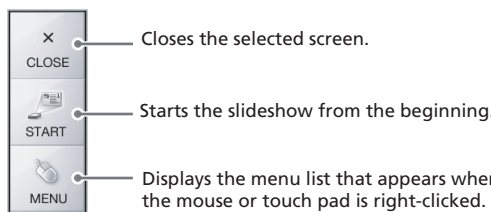
Note

- You can configure the right button, left button, Button 1, and Button 2 functions. For details, see "Adjusting Mouse Properties."
- For details on how to use during presentations, see "Giving presentations (steps and hints)."

Opening the menu box

- 1 Press and hold the right button for more than 1 second.

The menu box opens.



- 2 Use the ??Scroll Pointer?? to move the pointer to an icon, and click the right button.

The menu box closes and the selected function takes effect.

Closing the menu box

When the menu box is open, you cannot move the pointer outside of the menu box's frame. To close the menu box, select an icon or click the left button.

Giving presentations (steps and hints)

The following are steps and hints on giving presentations using PowerPoint software.

- 1 Open the presentation file.

- 2 Start the slideshow.

- For PowerPoint2003 or later: Click the right button.
- For any other software: Press and hold the right button for more than 1 second to open the menu box, move the pointer to the icon in the center (), and click the right button.

Having the mouse pointer displayed during the slideshow

Under the default settings, the pointer is hidden when the mouse is not moved for more than 3 seconds. To have the mouse pointer displayed at all times, change the settings as follows: Click the right button during a slideshow, under "??Pointer options??" select "??Arrow options??", and then click "??Display??"

Moving back and forward during the slideshow

Click First button or Second button.

Moving the pointer

Move the ??Scroll Pointer??.

- 3 End the slideshow.

Press and hold the right button for more than 1 second to open the menu box, move the pointer to (), and click the right button.

Adjusting Mouse Properties

You can change specific properties of the mouse, such as the pointer speed and button functions.

- 1 Double-click the mouse icon (or) in the notification area.
The "Mouse Properties" dialog box appears.
- 2 Click the tab for the mouse property you want to change, and adjust the specific category.

Note

If you cannot change the pointer speed, consult your nearest Sony dealer.

Precautions

Safety

If any solid object or liquid falls onto the mouse, disconnect it and have it checked by qualified personnel before continuing its use.

Location

Do not place the mouse in a location where it is:

- On an unstable surface
- In very humid areas or where there is no ventilation
- Subject to excessive dust
- Subject to direct sunlight or extreme heat
- Extremely cold

Operation

If the mouse is brought directly from a cold to a warm location or is placed in a very damp room, moisture may condense on the inside of the mouse. If this occurs, the mouse may not work properly.

In this case, wait about 30 minutes for the moisture to evaporate. If the mouse does not work properly after one hour, consult your nearest Sony dealer.

Cleaning the outside of the mouse

Clean the mouse with a soft, dry cloth or a soft cloth lightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder, or solvent such as alcohol or benzene.

Replacing the batteries

The following indicate low battery charge. Replace the batteries in such cases.

- The low battery lamp on the mouse flashes red.
- The low battery message pops up on your screen and the mouse icon (or) in the notification area located on the bottom right corner of the screen changes to the following:

When the batteries are replaced, the low battery lamp will stop flashing and the mouse icon will return to normal.

Specifications

Wireless mouse

Interface

Digital wireless transmission

Position tracking principle

Optical sensor

Sensor resolution

800 counts per inch

Wireless principle/frequency band

RF 2.4 GHz

Power requirements

3 V DC (two manganese IEC R6 [size AA] batteries)

Transmission distance

32 ft. (10 m) max. line of sight

Dimensions

Approx. 2.8 x 1.5 x 4.6 in. (71 x 38 x 115 mm) (w x h x d)

Mass

Approx. 4.3 oz. (120 g) (including batteries)

Wireless receiver

Interface

USB

Frequency band

2.4 GHz

Transmission distance

32 ft. (10 m) max. line of sight

Dimensions

Approx. 1.0 x 3.4 x 1.8 in. (23 x 84 x 44 mm) (w x h x d)

Mass

Approx. 1.5 oz. (40 g)

Miscellaneous

Supported models

Sony VAIO computers with the Windows XP operating system.

Operating temperature

41°F to 95°F (5°C to 35°C)
(temperature gradient less than 18°F (10°C)/hour)

Operating humidity

20% to 80% (not condensed), provided that humidity is less than 65% at 95°F (35°C) (hygrometer reading of less than 84°F (29°C))

Storage temperature

-4°F to 140°F (-20°C to 60°C)
(temperature gradient less than 18°F (10°C)/hour)



Storage humidity

10% to 90% (not condensed), provided that humidity is less than 20% at 140°F (60°C) (hygrometer reading of less than 95°F (35°C)

Accessories

- Wireless receiver (PCGA-WMSR1) (1)
- Manganese IEC R6 (size AA) batteries* (2)
- Operating Instructions (this document) (1)
- Warranty Card (1)

*The supplied batteries are for testing purposes only. You can use the mouse longer by using alkaline batteries.

Design and specifications are subject to change without notice.

Troubleshooting

If you experience any of the following difficulties while using the mouse, use this troubleshooting guide to solve the problem. If a problem persists, consult your nearest Sony dealer.

Nothing happens when I press a mouse button.

- The receiver is not connected properly to the USB port.
 - Close all programs, and then reconnect the receiver to your computer.
- The operating system is not compatible.
 - Use a supported operating system.
- The USB port is not available.
 - Check the “System Properties” of your computer.
- The mouse batteries are drained.
 - If the power does not come on when the power/mode switch is set to either MOUSE (mouse mode) or P (presentation mode), replace the batteries. For details, see “Preparations”.
- The mouse and receiver are not communicating.
 - Perform steps 1 and 2 of “Enabling communication between the mouse and receiver” to ensure that proper communication is possible.
 - In some operating environments, the usable distance may be notably shorter, preventing normal operation. Ensure that the receiver is not closer than 8 in. (20 cm) to the computer, the display, and other electronic devices.
 - If the mouse is too far from the receiver, communication is not possible. Bring the mouse and receiver closer together.
- The mouse is being used on an unsuitable surface.
 - When used on a mirror, glass, or other shiny surface, or on a transparent or strongly patterned surface, the sensor on the bottom of the mouse may not be able to correctly detect the mouse movements. On such surfaces, use a mouse pad.
- The mouse may have difficulty communicating in a 2.4 GHz wireless LAN environment.
 - It is best to use the mouse in a location with low interference from wireless devices.

Pressing the Connect button does not establish a connection.

- Check whether batteries are inserted in the mouse. For details, see “Preparations”.
- If the power/mode switch on the mouse is set to OFF, communication with the receiver is not possible. Check the power/mode switch setting on the bottom of the mouse.
- If the power does not come on when the power/mode switch is set to either mouse mode or presentation mode, the batteries may be drained. Under normal operating conditions, a set of alkaline batteries lasts about three months. Replace the batteries. For details, see “Preparations”.
- Communication between the mouse and receiver may not have been properly established. If the CONNECT button on the mouse is not pressed within 30 seconds of pressing the Connect button on the receiver, the receiver cancels communication. In such a case perform the procedure again to enable communication. For details, see “Enabling communication between the mouse and receiver”.
- If the mouse and receiver are too far apart, communication is not possible. The maximum communication distance between the mouse and receiver is about 32 ft. (10 m). If used on a metal table or if obstacles lie between the mouse and receiver, the usable distance may be less.

The scrolling features do not work.

- The operating system is not compatible.
 - Use a supported operating system.
- The program you are using is not compatible with the scrolling features.
 - The scrolling features only work with programs that use a scroll function.
 - Some programs do not support the scrolling features.
- After the receiver was installed, the computer was returned to normal mode from power-saving mode.
 - Disconnect the receiver from the USB port, wait a few seconds, and then reconnect it.

The pointer does not move when I move the mouse.

- Processing performed by Windows or other software may temporarily disable the mouse. Wait a few moments for the processing to finish before using the mouse.
- You may find some useful solutions in your computer’s operating instructions. Refer to the manuals provided with your computer.

- The mouse batteries are exhausted.
 - If the power does not come on when the power/mode switch is set to either mouse mode or presentation mode, replace the batteries. For details, see “Preparations”.
- The mouse is not set to mouse mode.
 - Set the power/mode switch on the bottom of the mouse to MOUSE (mouse mode).
- The mouse and receiver are not communicating.
 - Perform steps 1 and 2 of “Enabling communication between the mouse and receiver” to ensure that proper communication is possible.
 - To reduce interference from other radio waves, keep the mouse away from other wireless devices.
 - If the mouse is too far from the receiver, communication is not possible. Bring the mouse and receiver closer together.
- The mouse is being used on an unsuitable surface.
 - When used on a mirror, glass, or other shiny surface, or on a transparent or strongly patterned surface, the sensor on the bottom of the mouse may not be able to correctly detect the mouse movements. On such surfaces, use a mouse pad.

Pressing First button or Second button does not switch the screen.

- The program you are using is not compatible with First button and Second button.
 - First button and Second button only work with compatible programs.
 - The mouse settings may have been changed. Check the settings on the “Mouse Properties” screen. For instructions on displaying the “Mouse Properties” screen, see “Adjusting Mouse Properties”.

When I am using the mouse, the display goes dark or the computer enters power-saving mode.

- The computer enters power-saving mode even while a USB device is in use.
 - Change the power management settings for the computer to prevent it from entering power-saving mode. For details, refer to the manuals provided with your computer.
 - Touch the touchpad or press any key on the keyboard to exit power-saving mode.

The computer does not return from Standby mode.

- Touch the touchpad or press any key on the keyboard to exit this mode.

The mouse pointer does not move smoothly across the screen.

- The optical mouse distinguishes movement by reflecting the red light from its base off surfaces and detecting shadows with an optical sensor. The optical mouse may not operate correctly on the following surfaces:
 - Transparent surfaces (such as glass)
 - Surfaces that reflect light (such as glossy plastics or mirrors)
 - Surfaces with a repetitive pattern, such as screening (like those used for printing photos in magazines and newspapers)
 - Surfaces that are striped or have another distinct, high-contrast patternIf the mouse pointer does not move smoothly across the screen, make sure you are not using the mouse on one of the surfaces listed above.

Exiting power-saving mode with the mouse takes a long time or is not possible.

- Press any key or the power button on the keyboard.

When I start the computer an error message appears, saying that the mouse is not connected.

- Select the check box that offers not to display this message again, and then click “OK”.

The mouse does not move smoothly after returning from the power-saving mode.

- Disconnect the receiver from the USB port, wait a few seconds, and then reconnect it.

After connecting the receiver, it takes a while before the mouse can be used.

- If the receiver is connected while the computer is processing commands from Windows, other software, or another USB device, it may take a while for the computer to detect the receiver.

The buttons and ??Scroll Pointer?? do not work as I expected.

- The mouse is set to the wrong operating mode.
 - Check the power/mode switch setting on the bottom of the mouse and the mouse icon in the computer’s notification area, and set the power/mode switch to the desired position.
- The operation setting value is incorrect.
 - Open the “Mouse Properties” screen, and adjust the setting to the desired value.
 - For details, see “Adjusting Mouse Properties”.

I do not know what mode the mouse is set to.

- Check the power/mode switch setting on the bottom of the mouse and the mouse icon in the computer’s notification area.

-  : Mouse mode
-  : Presentation mode

The receiver is connected but the mouse icon does not appear in the notification area.

- Disconnect the receiver from the USB port, wait a few seconds, and then reconnect it.

- Dans des zones très humides ou mal ventilées
- Particulièrement poussiéreux
- Exposés à la lumière directe du soleil ou très chauds
- Extrêmement froids

Fonctionnement

Si vous déplacez la souris USB d’un endroit froid à un endroit chaud, ou lorsqu’elle est placée dans une pièce très humide, il est possible que de la condensation se forme à l’intérieur de la souris. Si cela se produit, la souris risque de ne pas fonctionner correctement.

