

SOAP

M-SP1UR Series User's Manual

Thank you for purchasing the ELECOM M-SP1UR Series optical mouse.

This manual describes the operating instructions and safety precautions for using the M-SP1UR Series. Ensure that you have read this manual before using the product. After reading this manual, store it somewhere safe for future reference.

* Except in certain cases, the M-SP1UR Series is referred to as "this product" in this manual.

Safety Precautions

■ Meaning of symbols

	WARNING Failure to observe precautions may result in 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
- Information that is handy to know

Observe these precautions carefully to avoid personal injury, damage, fire, and other problems.

	WARNING
	If an abnormality is found with this product (emission of heat, smoke or abnormal smell from the product), or if a foreign object (water, metal chip, etc.) enters the product, immediately stop using the product and disconnect the product from the PC. After doing this, contact the retailer from whom you purchased the product. If you continue to use the product under these conditions, it may cause a fire or electric shock.
	Do not drop or hit this product. If this product is damaged, immediately stop using the product and disconnect the product from the PC. After doing this, contact the retailer from whom you purchased the product. If you continue to use the product in a damaged condition, it may cause a fire or electric shock.
	Do not attempt to disassemble, modify or repair this product by yourself, as this may cause a fire, electric shock or product damage.
	Do not put this product in fire, as the product may burst, resulting in a fire or injury.
	Do not connect or disconnect the connector with a wet hand, modify the connector or bend it forcibly, as this may cause a fire or electric shock.

	CAUTION
	Do not place this product in any of the following environments: <ul style="list-style-type: none"> • In a car exposed to sunlight, a place exposed to direct sunlight, or a place that becomes hot (around a heater, etc.) • 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 (near a magnet, etc.) • In a dusty place
	This product does not have a waterproof structure. Use and store this product in a place where the product body will not be splashed with water or other liquid. Rain, water mist, juice, coffee, steam or sweat may also cause product damage.

	<ul style="list-style-type: none"> • Do not use this product with any device that may significantly affect other equipment in the event that it malfunctions. • If this product is used on a transparent surface such as glass or a highly reflective surface such as a mirror, the optical sensor will not function correctly and mouse cursor movement will become unstable. • When not using the mouse for one month or more, remove the connector from the PC. • When you no longer need to use this product, be sure to dispose of it in accordance with the local ordinances and laws of your area. • Avoid looking directly at the light of the sensor as doing so may cause eye damage.
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■ Cleaning the Mouse

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

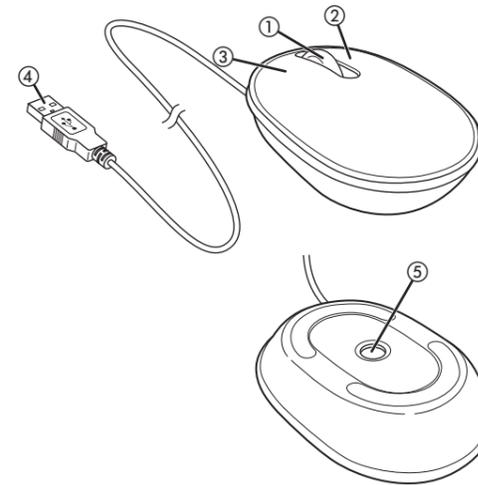
	Use of a volatile liquid (paint thinner, benzene, alcohol, etc.) may affect the material quality and colour of the product.
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Package Contents

This product's packaging contains the items listed below. Before using the product, check that all items are present. We make every effort to ensure that all products are packaged correctly. However, in the event that an item is missing or damaged, contact the retailer from whom you purchased the product.

- Mouse x1 (cable length: 1.5 m)
- User's Manual x1

Part Names

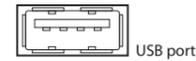


① Wheel	The wheel can be turned back and forward with your finger or pressed like a button to operate the PC.
② Right button	Used for right-click operation.
③ Left button	Used for left-click operation.
④ USB connector (Male)	Connected to a PC USB port.
⑤ Optical sensor	Illuminates red when the mouse body is turned on. When the mouse body is moved, this sensor detects mouse movement. * Avoid looking directly at the light of the sensor as doing so may cause eye damage.

When using Windows®

Step 1 Check USB ports

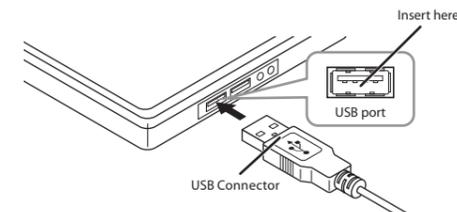
Check the USB port on your computer.



- Any USB port may be used.
- This product can be connected to a USB hub. However, it may not work depending on the power supply capability of the USB hub.

Step 2 Connecting the Mouse

- 1 Activate the PC**
 - If Windows® prompts you to choose an account (a user name) when it starts up, be sure to log on using an administrator account.
 - Wait until Windows® has started up completely.
- 2 Insert the product's USB connector into a PC USB port.**



- Carefully check the orientation of the connector and the place where you will connect the USB connector.

- 3 The Windows mouse driver is installed automatically.**

■ Disconnecting the Mouse

This product is hot-pluggable. It is possible to disconnect the mouse when Windows® is running.

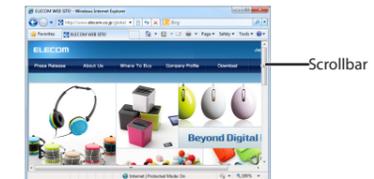
- Operation may become unstable if the mouse is disconnected and reconnected several times when Windows® is running. If this occurs, restart Windows®.

Step 3 Checking wheel operation

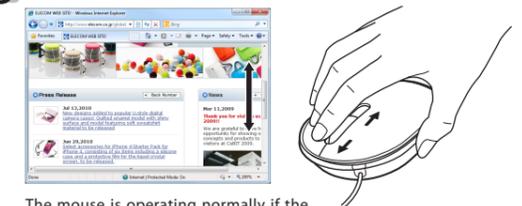
Check that the mouse scrolls up and down correctly in Windows® Internet Explorer.

- 1 From the [Start] menu, select [All Programs], and then [Internet Explorer].**
Internet Explorer will launch.
- 2 Display your favourite web site in Internet Explorer and change the size of the window so that the vertical scrollbar appears.**

* The sample website used here is the ELECOM homepage.



- 3 Scroll the wheel back and forth.**



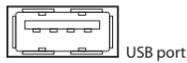
The mouse is operating normally if the screen moves up and down as you scroll the wheel.

- In applications that do not support scrolling, the screen will not move when you scroll the wheel.

When using Mac OS X®

Step 1 Check USB ports

Check the USB port on your computer.

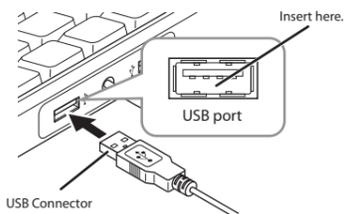


USB port

- Any USB port may be used.
- This product can be connected to a USB hub. However, it may not work depending on the power supply capability of the USB hub.

Step 2 Connecting the Mouse

- Start up your Mac.**
 - Wait until Mac OS X has started up completely.
- Connect the product's USB connector to a USB port on your Mac.**



- Carefully check the orientation of the connector and the place where you will connect the USB connector.

- The driver is installed automatically.**

■ Disconnecting the Mouse

This product is hot-pluggable. It is possible to disconnect the mouse when Mac OS X is running.

- Operation may become unstable if the mouse is disconnected and reconnected several times when Mac OS X is running. If this occurs, restart Mac OS X.

Step 3 Checking wheel operation

Check that the vertical and horizontal scrolling functions are working correctly in Safari.

- Click the Safari icon in the Dock.**

Safari will launch.

If Safari is not in the Dock, double-click the Safari icon in the Applications folder.

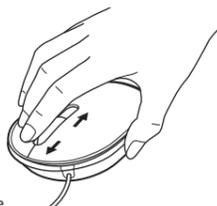
- Display your favourite web site in Safari and change the size of the window so that the vertical and horizontal scrollbars appear.**

*The sample website used here is the ELECOM homepage.



Scrollbar

- Scroll the wheel back and forth.**



The mouse is operating normally if the screen moves up and down as you scroll the wheel.

- In applications that do not support scrolling, the screen will not move when you scroll the wheel.

Troubleshooting

When the product appears to be malfunctioning

■ When the mouse pointer on the screen does not move, or moves unstably, when the mouse is moved

→ It is possible that the reflectivity of the surface on which this product is being used is not suitable for an optical mouse. Use this product on a mouse pad that is designed for use with optical mice.

→ When the mouse was connected to the USB port, it is possible that the standard Windows mouse driver did not install correctly and that this product is detected as an unknown device by Windows®. This product is usually detected as a USB human interface device. If it is detected as an unknown device, see "Removing an unknown device," and after removing the device from Device Manager, repeat "Step 2 - Connecting the Mouse" on the front of this sheet.

→ It is possible that the driver is conflicting with another driver such as that for a laptop touch pad. To use this product correctly, you must delete the touch pad driver. However, if you delete this driver, you may not be able to use the touch pad or touch pad functions. Contact the PC manufacturer for more details.

■ The wheel moves, but the mouse cursor does not

→ In certain applications that do not support the scrolling function, the mouse cursor will not move when you move the wheel.

■ When the computer is turned off while the mouse is connected, the optical sensor unit is still illuminated

→ If a computer uses standby power, an optical sensor may be illuminated depending on the computer's specifications. This is due to the design of the computer and does not mean that the mouse is faulty. Either disconnect the mouse from the computer or disconnect the computer's power cable from the power outlet. Contact the computer manufacturer for how to stop the supply of standby power to the mouse without removing the computer's power cable from the power outlet. (With some computers it is not possible to stop the supply of standby power.)

Removing an unknown device

If the standard Windows mouse driver did not install correctly and this product is detected as an unknown device, remove the unknown device from Device Manager, and then repeat "Step 2 - Connecting the Mouse" on the front of this sheet.

- If there are multiple unknown devices, before removing a device, check that it is actually this product. Disconnect the receiver unit and check which unknown device disappears. The device that disappears is this product.
- If the unknown device does not disappear even after you have deleted the driver following the instructions below, it is possible that there is something wrong with the PC. Contact the PC manufacturer.

With the product connected to the PC, follow the procedure below to remove the unknown device.

- Display Device Manager.**

- Windows® 7 and Windows Vista®**
 - From the [Start] menu, right-click [Computer].
 - Click [Properties].

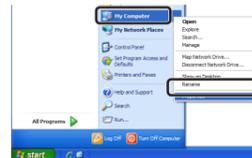


- Click [Device Manager].



- Windows® XP**
 - From the [Start] menu, right-click [My Computer].
 - Click [Properties].

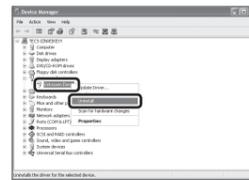
- Click the [Hardware] tab.



- Click [Device Manager].



- The Device Manager window appears. Right-click the unknown device, and click [Uninstall].



- Click [OK].



- Disconnect the receiver unit and restart the PC.

- Repeat the procedure from "Step 2 - Connecting the Mouse" on the front of this sheet.

Basic specifications

Article No.	M-SP1UR Series
Product name	Optical Mouse
OS	Windows Vista (up to SP2), Windows XP (SP2 to SP3) Mac OS X (10.5 to 10.5.8, 10.6 to 10.6.4)
Resolution (dpi)	800
Interface	USB
Cable length	1.5 m
Dimensions	91.0(W) x 66.2 (D) x 28.9 (H) mm
Operating temperature/humidity	5 to 40°C, 90% RH max. (no condensation)
Storing temperature/humidity	-10 to 60°C, 90% RH max. (no condensation)

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Optical mouse
M-SP1URSeries
User's Manual
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ELECOM Co., Ltd.

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