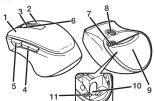
Manual Wireless Mouse

Name and function of each part

Mouse



Receiver unit



lownload and install the "Elecom Mouse Assistant" from our

Conriganty wessels to the high-speed scrolling.

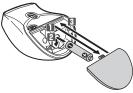
The "Forward" and "Back" buttons can be used with Macintosh

om.co.jp/global/download-list/utility/mouse_assistant/

- 1 Left button
- 2 Right button

- 4 "Back" button Performs the "Back" function on the web browser
- 5 "Forward" button Performs the "Forward" function on the web browser.
- 6 LED light
 When power is ON, the red LED is lit for a fixed time. The LED starts blinking red when the battery level is low.
- 7 Power switch
- 8 Optical sensor
- 9 Battery cover
- 10 Battery storage compartment
- 11 Receiver-unit storage compartment
- 12 USB connector (male)

Inserting the battery



1 Remove the battery cover.

2 Insert the battery negative-end (-) first.

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

Replace the battery cover.



Replacing the battery To replace the battery, remove the battery from the compartment using the indentation at the positive end.



2 To Power On



1 Slide the power switch on the underside to the ON position.

The red LED lights up for a fixed time.
* When the battery is running low, the LED blinks red for a fixed time.



Receiver unit

Power-saving mode

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

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

3 Connecting to a PC



1 Start up the PC.

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

2 Insert the receiver unit into the PC's USB port. You may use any USB 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.

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

Basic Specifications

Resolution	2000 dpi
Interface	USB
Radio frequency	2.4 GHz band
Radio wave method	GFSK
Operation distance	Operation distance for non-magnetic surfaces (e.g. a wooden desk): approx. 10 m Magnetic surfaces (e.g. a steel desk): approx. 3 m 'These values were obtained in ELECOM's test environment and are not guaranteed.
Sensor Type	IR optical sensor
LED colour	Blue
Main unit dimensions	Approx. Width 55 mm x Length 89 mm x Height 30 mm
Receiver unit dimensions	Approx. Width 15 mm x Length 18 mm x Height 6 mm
Unit weight	Approx. 58 g (*excluding the batterry)
Receiver unit weight	Approx. 2 g
Operating temperature/ humidity	5°C to 40°C / 90% RH or less (No condensation)
Storage temperature/ humidity	-10°C to 60°C / 90% RH or less (No condensation)
Compatible batteries	One of AAA alkaline battery, AAA manganese battery, or AAA nickel-metal hydride rechargeable battery
Operating time	Estimated operating time when using an alkaline battery Continuous operating time: approximately 163 hours Continuous standby time: approx. 625 days Estimated usage time: approx. 338 days (The above is based on the assumption that the PC is used for eight hours a day with 5% of that time spent operating the mouse.)
Supported OS	Windows® 10, Windows® 8.1, Windows® RT8.1, Windows® 7, macOS Mojave (10.14) (Updates for each new version of the OS or the installation of a service pack may be required.)

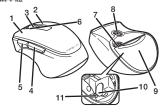
型號/型式: M-TP20DB/elecom9

使用說明書

無線滑鼠

各部位名稱及功能

■滑鼠本體



■接收器



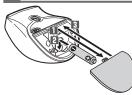
自本公司網站下載並安裝「Elecom 滑鼠助手」,即可使用如按鈕 前進」和「後退」按鈕可與 Macintosh 裝置一起使用。

ecom.co.jp/global/download-list/utility/mouse_assistant/

1 左鍵

- 2 右鍵
- 3 滾輪
- 4「上一頁」按鈕 操作網頁瀏覽器上的[上一頁]按鈕。
- 5「下一頁」按鈕 操作網頁瀏覽器上的[下一頁]按鈕。
- 6 LED 燈 電源開啟時,LED 指示燈會亮紅燈一段時間。殘餘電量減少時,紅燈會閃爍一陣子。
- 7 電源開關
- 8 光學感應器
- 9 電池蓋
- 10 雷池存放槽
- 11 接收器存放槽
- 12 USB 接頭 (公)

1 放入電池



1 拆下電池蓋。

2 首先放入電池負極(-)。

請正確對準電池的正負方向。

3 重新蓋回電池蓋。

● **更换電池** 若要更换電池,請透過正極的凹槽從電池存放槽中取出電池。



2 若要開啟電源



1 將底部的電源開關滑至 ON 的位置。

LED 指示燈會亮起一段時間。 * 剩餘電量減少時,LED 指示燈會閃紅燈一段時間。

關於滑鼠的省電模式 滑鼠在電源開啟後若閒置不用一段時間,便會自動切換至省電模式。 在您觸碰滑鼠後,滑鼠便會退出省電模式。 "從省電模式復原後的2-3秒內,滑鼠操作可能尚不平穩。

3 與個人電腦連線



1 啟動個人電腦。

請等到個人電腦啟動並可操作為止。

2 將接收器插入電腦USB連接埠。 您可以使用任何 USB 連接埠。

請確保連接器正確定向到連接埠。

看在插入時處到巨大阻力,請檢查接頭的形狀和 方向是否吻合。強行插入接頭可能導致接頭損壞,並有人員受傷的風險。 請勿觸摸USB連接器的端子部分

3 系統自動安裝驅動程式後,您便可開始使用滑

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		5	11	ж	₹	=	y.	

解析度	2000 dpi
介面	USB
無線電波頻率	2.4 GHz 頻段
調變方式	GFSK
傳輸距離	非磁性介面 (木桌等) 的傳輸距離:約 10m 磁性介面 (鐵桌等) : 約 3m ※這是在 ELECOM 測試環境下取得的測試值,並非保證能夠再次重現的數值。
感應器類型	紅外線光學威應器
LED 顏色	藍色
主要裝置的外型尺寸	約 55 mm 寬 × 89 mm 長 × 30 mm 高
接收器的外型尺寸	約 15 mm 寬 × 18 mm 長 × 6 mm 高
產品重量	約 58 g (*不含電池)
接收器重量	約2g
操作溫度 / 濕度	5°C~ 40°C / ~ 90%RH(必須無水氣凝結)
存放温度 / 濕度	-10°C~60°C/~90%RH(必須無水氣凝結)
相容性電池	四號鹼性乾電池、四號碳氫乾電池、四號鎳氫充電電池
操作時間	使用鹼性乾電池時的預計操作時間 連續操作時間:約 615 4 5 5 頭佔使用時間:約 505 天 頭佔使用時間:約 338 天 (以上數值是假設一天使用電腦 8 小時,且其中 5% 的時間是在操作軌跡球滑鼠的情況下 取得。)
支援的作業系統	Windows® 10 \ Windows® 8.1 \ Windows® RT8.1 \ Windows® 7 \ macOS Mojave (10.14) (可能需要更新作業系統,或安裝服務套件。)

Safety Precautions English (EN)

Prohibited action

Mandatory action

(1) Situation that needs attention

!WARNING

If a foreign object (water, metal chip, etc.) enters the product, immediately stop using the product, remove the receiver unit from the PC, and remove the battery from the product. If you continue to use the product under these conditions, it may cause a fire or electric shock.

these conditions, it may cause a fire or electric shock. If the product is behaving abnormally, such as by generating heat, smoke, or a strange smell, immediately stop using the product, shut down the PC, and then sufficiently check whether the product is generating heat while being careful to avoid being burned. Then, remove the receiver unit from the PC and remove the battery from the product. After that, contact the retailer from whom you purchased the product. Continuing to use the product under these conditions may cause a fire or electric shock.

conditions may cause a fire or electric shock. Do not drop the product or otherwise subject it to impacts. If this product is damaged, immediately stop using it, remove the receiver unit from the PC, and remove the battery from the product. After that, contact the retailer from whom you purchased the product. Continuing to use the product while it is damaged 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 serious fire or injury.

resulting in a serious fire or injury.

Do not insert or remove the receiver unit with wet hands. Also, do not make alternations to or forcefully bend the receiver unit.

Doing so may 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: Lo ruo, piace trus product in any of the following environments:

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

- 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.

 Avoid looking directly at the light of the optical sensor as doing so may cause eye damage.

Only use this product with PCs and video game systems

Do not use this product with any device that may significantly be affected in the case of this product malfunctioning.

If this product is used on a transparent surface such as glass or a highly reflective surface such as a mirror, the optical sensor will not function correctly and the product's cursor movement will become unstable.

If this mouse isn't going to be used for one month or longer, remove the receiver unit from the PC.

When you no longer need to use this product and the battery, be sure to dispose of them in accordance with the local ordinances and laws of your area. 1

Batteries

Use an AAA alkaline battery, an AAA manganese battery, or a rechargeable AAA nickel hydride battery with this product.

If this product is not going to be used for a long period of time, remove the battery to avoid battery leakage and failure.

Cleaning the Product

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 color of the product

Cautions for Wireless Equipment

This product is wireless equipment using the entire range of the 2.4 GHz band and it is possible to avoid the band of mobile object identification systems. GFSK is used for the radio wave method. The interference distance is 10 m. The 2.4 GHz band is also used by medical equipment, Bluetooth, and wireless LAN equipment conforming to the IEFER02 11/41 of 11s standard.

and wireless LAN equipment conforming to the IEEE802.11b1 g /1 in standard.

Before using this product, check that there are no other "radio stations" operating nearby.

If electromagnetic interference occurs between this product and other "radio stations", move this product to another location or stop using this product.

Other "radio stations" refer to industrial, scientific and medical devices using the 2.4 GHz band, as this product does, 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 this product with a device that may have a serious function or influence. There are rare cases where 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 a hospital or other locations where the use of radio waves is prohibited. The radio waves of this product may affect electronic and medical devices (e.g. pacemakers) The use of a wireless mouse in an aircraft is prohibited
- by aviation law as its use may interfere with flight safety. Turn off the power of the mouse body before boarding an aircraft and do not use it in the aircraft. ELECOM is not liable for any accident or any indirect or consequential damage incurred due to the failure of this product.

Limitation of Liability

- In no event will ELECOM Co., Ltd be liable for any lost profits or special, consequential, indirect, punitive damages anising out of the use of this product.
 ELECOM Co., Ltd will have no liability for any loss of data, damages, or any other problems that may occur to any devices connected to this product.

安全措施

禁止行為

(中文・繁體 (ZH(TW))

● 強制行為

(需要注意的狀況

/! 警告



如果有水或金屬片等異物進入本產品,請立即停止使用 從電腦拆下接收器,並取出滑鼠的電池。如果繼續使用, 有可能導致火災或觸電。

本產品如果出現發熱、冒煙、散發異味等異常現象, 請立即停止使用,關閉電腦,為了避免燙傷先確認沒 有發熱之後再從電腦拆下接收器,並取出滑鼠的電池 接著再聯絡購買本產品的販賣店。如果繼續使用,有 可能導致火災或觸電。

請勿摔落或碰撞本產品

萬一本產品破損,請立即停止使用,從電腦拆下接收器, 並從滑鼠取出電池,接著再聯絡購買本產品的販賣店。如果在破損狀態下繼續使用,有可能導致火災或觸電。

請勿分解、改造、修理本產品。有可能導致火災或觸電。

請勿將本產品丟入火中。 有可能因破裂而導致火災或受傷。

請勿用濕的手拔除接收器。此外,也應避免加工或勉強 折彎。有可能導致火災或觸電。

接收器有可能被兒童誤食,因此請務必存放於兒童無法 觸及的地方。

⚠ 注意

請勿將本產品放置於下列場所。 •陽光照射的車內、陽光直射的地方

- 暖氣周邊等高溫場所
- 潮溼的地方、容易凝結水氣的地方
- 不平坦的地方、產生震動的地方
- 磁鐵附近等磁場範圍內 • 灰塵多的地方

本產品並不防水。使用或存放時請避開會潑到水等液體的地方。

雨滴、水花、果汁、咖啡、蒸汽、汗水等都有可能造成故障。

直視光學式威應器,可能導致眼睛疼痛,敬請注意。

請勿使用於電腦、遊戲機用的滑鼠之外的用途。

請勿使用在有可能因為本產品操作錯誤而導致重大影響的機器。

若在玻璃等透明的地方或鏡子等高度反射的地方使用, 光學式感應器不會正常運作,滑鼠游標的動作會變得不

一個月以上不使用本產品時,請從電腦拆下接收器。

■電池說明

本產品請使用四號鹼性乾電池、四號碳氫電池、或四號 線氫充電電池。

表棄本產品及電池時,請遵守居住地區的法規及法令來 處理。

本產品如果長時間沒有使用,請取出電池,以免導致漏 液或故障。

■清潔方式

本產品如果變髒,請用乾燥柔軟的布擦拭。

如果使用油漆稀釋液、溶劑、酒精等揮發性液體,有可 能導致變質或變血。

無線注意事項

本產品為 2.4GHz 全頻寬使用的無線設備,可迴避移動物件偵 測裝置的頻寬。電波方式採用 GFSK ,干擾距離為 10 公尺。 同樣使用 2.4GHz 頻寬的有醫療機器、IEEE802.11b/11g/11n 規格的無線區域網路機器等。

• 使用本產品前 請先確認附近沒有「其他無線電台※」在運作

--本產品和「其他無線電裝置※」之間發生電波干擾,請 變更使用場所,或停止使用本產品。

※「其他無線電裝置」 指和本產品同樣使用 2.4GHz 頻寬的產業 / 科學 / 醫療機器、其他同類無線電裝置、用於工廠生產線 等需要證照的移動物件偵測用境內無線裝置、不需證照的特 定小型電力無線裝置、業餘無線電裝置。

警告



- 請勿使用在有可能因為錯誤操作而造成重大影響的機器。在極少數情況下會因為受到外界同頻電波或手機 電波影響而出現錯誤操作、操作遲緩、或是無法操作
- 請勿在緊院等禁止使用電波的場所使用本產品。本產
- 因有影響飛航安全之處,航空法禁止在飛機內使用無線滑鼠。搭乘前請先關閉滑鼠本體電源,搭乘後也請 不要使用。
- ※如果因為本產品故障等導致意外或社會損失等,本公司不負任何責任,敬請諒解。

責任限制

- ELECOM Co., Ltd. 對因使用本產品造成的特殊損失、結果性 損失、間接損失、懲罰性損失或所損失利益的賠償均不承擔 任何責任。 ELECOM Co., Ltd. 不對連線到本產品的裝置中可能發生的資
- 料丟失、出錯或其他問題做出任何擔保。

Compliance status:

-合规状态/合規狀態/Status kepatuhan/규정 준수 상태 www.elecom.co.jp/global/certification/

設備名稱:無線滑鼠			型號(型式):		M-TP20DB			
Equipment name Type designation (Type)								
筆元	限用物質及其化學符號 Restricted substances and its chemical symbols							
Unit	SS Lead	汞 Mercury	順 Cadmium	六價路 Hexavalent chromium	多演學家 Polybrominated biphenyls	多溴二苯醚 Polybrominated diphenyl ethers		
	(Pb)	(Hg)	(Cd)	(Cr**)	(PBB)	(PBDE)		
電路板	0	0	0	0	0	0		
外殼	0	0	0	0	0	0		
接收器	0	0	0	0	0	0		
USB 接口	0	0	0	0	0	0		
傳考 1. "超出 0.1 wt !" Note 1: "Doseding 0.1 wt %" 備考 2. "○" 佛指該項 Note 2: "○" 佛指該項 Note 3: The "~" indicates that	and 'exceeding 0.01 wt 'e 限用物質之而分比: the percentage content 限用物質為蔣齡項!	i' indicate that the percent 計量未起出百分比含 of the restricted substa 目。	age content of the metric 爱慈準值。 nce does not exceed th	ed substance exceeds th	e reference percentage val	ue of presence condition		



Please see the current state of RoHS compliant: ww.elecom.co.jp/global/certification/



M-TP20DB: CCAH19LP4070T7 elecom9: CCAJ16LP5240T7

低功率電波輻射性電機管理辦法

第十二條 ポーニペ 經型式認證合格之低功率射額雷機,非經許可,公司、商號或使用者

均不得擅自變更頻率、 加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航安全及干擾合法通信; 經發現有干擾現象時,應立即停用,並改善至無干擾時方得繼續使

前項合法通信,指依電信規定作業之無線電通信。 低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電 機設備之干擾。



ELECOM CO., LTD.

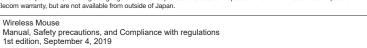
www.elecom.co.jp/global/

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- macOS Mojave and Macintosh are trademarks of Apple Inc., registered in the U.S. and other countries

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