

完成尺寸 105 x 140 mm



# CLUTCH GM70

WIRELESS / WIRED GAMING MOUSE



**Micro-Star INT'L CO., LTD.**

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**TRUE GAMING**  
SOME ARE PC, WE ARE GAMING

## Introduction

Thank you for choosing the gaming mouse with marvelous design, MSI Clutch GM70, to be your companion. This exquisite gaming mouse will surely give you a delightful and professional experience in PC games.

This guide provides instructions and illustrations to help you get the most from the mouse, and it is recommended to read this guide before using it.

## Package Contents

- Clutch GM70 GAMING Mouse
- USB Dongle x1
- USB Connector Cable x1
- Top Cover x1, Side grip x4
- Carry Pouch
- Multi-language Quick user guide

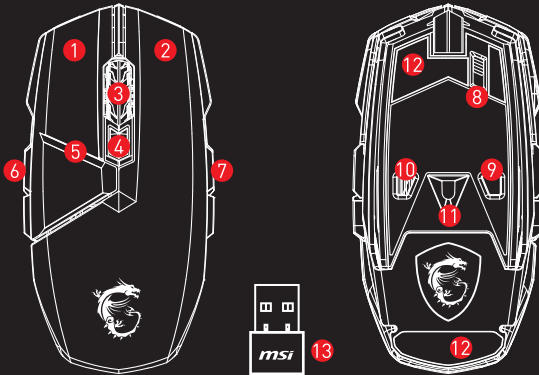
## System Requirements

- PC with available USB port
- Windows 10/8.1/8/7/vista/XP
- At least 256 MB of free hard disk space

## Specifications

- Interface: USB
  - Operating System: Windows 10/8.1/8/7/Vista/XP
  - Number of Macro Keys: 8
  - Sensor Engine: up to 18,000 DPI
  - Cable Length: 2 M braided cable with gold-plated USB connector
  - Dimension: 125 x 66 x 39 mm (w/o side grips)
  - Operating Band [ MHz ]: 2400MHz~2480MHz
  - Target output power:  $\leq 1$  mw
-

## Overview



- |                  |                                |                               |
|------------------|--------------------------------|-------------------------------|
| 1. Left Click    | 2. Right Click                 | 3. Ultra-precise Scroll Wheel |
| 4. DPI Switch    | 5. DPI Indicator               | 6. Left Buttons               |
| 7. Right Buttons | 8. Cable Release               | 9. Pairing Button             |
| 10. Power Switch | 11. Professional Gaming Sensor | 12. Teflon Mouse Feet         |
| 13. USB Dongle   |                                |                               |

## Hardware Installation

- **Wireless Mode**
  1. Connect the USB dongle to your PC.
  2. The mouse should be ready for use immediately.
  3. If not, please press the Pairing Button on the bottom of mouse for three seconds to enable the mouse.
- **Wired / Charging Mode**
  1. Connect the mouse to your PC with a USB cable.
  2. Once the [Hardware found] notification is shown on the screen, you should be able to use the mouse directly in the charging mode.

※ To obtain more functions about GM70, please visit MSI website at [www.msi.com](http://www.msi.com) to download the specific software for the device.

## How to Disassemble and Install the Top Cover

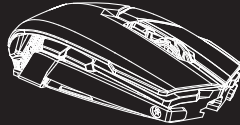
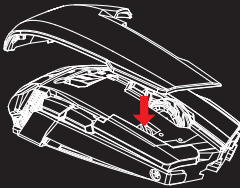
- Disassemble

Find the indentation located on the rear side of the mouse and pull the top cover up with your thumb, and then take the cover off.



- Install

Align the mouse and the tenon attached to the back side of the mouse cover with correct orientation, and firmly fasten the cover to the mouse. The mouse should be ready for use immediately.



## How to Recharge the Mouse

1. Connect GM70 to your PC with a USB cable.
2. The charging mode will be activated automatically.

※ It may take roughly 2 to 4 hours to have GM70 fully recharged, depending on the power source connected to the mouse.

## 簡介

感謝選用高階電競系列產品 MSI Clutch GM70。此精心設計製作的專業電競滑鼠將帶給您愉悅與專業的個人電腦遊戲使用體驗。

本手冊提供滑鼠的使用說明與圖示，幫助使用者認識產品並快速上手，因此建議您在  
使用產品前，先行閱讀本手冊。

## 包裝內容物

- Clutch GM70 電競滑鼠
- USB 無線接收器 x1
- USB 連接線x1
- 上蓋 x1、側翼 x4
- 攜行袋 x1
- 多國語言使用手冊

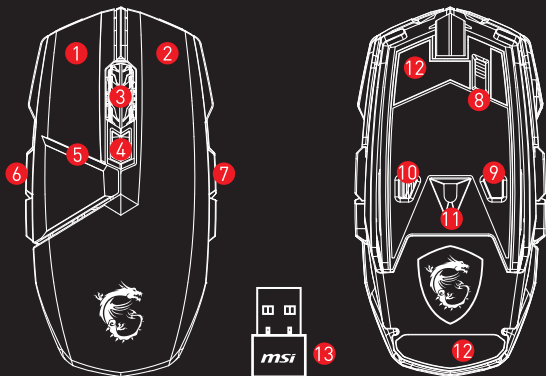
## 系統需求

- 配備有 USB 連接埠的個人電腦
- Windows 10/ 8.1/ 8/ 7/ vista/ XP
- 至少 256MB 儲存空間以供軟體安裝使用

## 規格

- 介面：USB
- 作業系統：Windows 10/ 8.1/ 8/ 7/ Vista/ XP
- 可設定巨集鍵數：8 鍵
- 感應器解析度：最高 18,000 DPI
- 線材長度：2 公尺編織線與鍍金 USB 接頭
- 外觀尺寸：125 x 66 x 39 mm (不含側翼)
- 操作頻帶 (MHz)：2400MHz~2480MHz
- 目標輸出功率：≤ 1 mw

## 外觀檢視



- |               |              |          |
|---------------|--------------|----------|
| 1. 左鍵         | 2. 右鍵        | 3. 高精度滾輪 |
| 4. DPI 切換鍵    | 5. DPI 指示燈   | 6. 左側鍵   |
| 7. 右側鍵        | 8. 卸除裝置      | 9. 配對鍵   |
| 10. 電源開關      | 11. 專業電競級感應器 | 12. 滑鼠腳墊 |
| 13. USB 無線接收器 |              |          |

## 硬體安裝

## ● 無線模式

1. 將 USB 無線接收器插入電腦上的 USB 連接埠。
2. 系統會自動偵測硬體並連接滑鼠，完畢後即可使用。
3. 倘若未連接成功，請按下滑鼠底部配對鈕 3 秒以啟動滑鼠裝置。

## ● 有線 / 充電模式

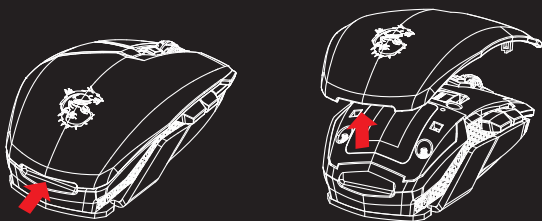
1. 以 USB 線連接滑鼠與電腦。
2. 當 [發現裝置] 通知出現在螢幕時，此時滑鼠進入充電模式並可正常使用。

※ 如欲設定更多功能，請至 MSI 官方網站下載本產品專用軟體。

## 如何拆卸及安裝上蓋

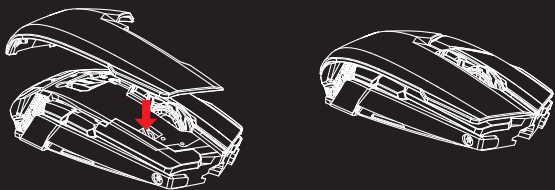
### ● 拆卸上蓋

先確認滑鼠後方的凹槽處，以手指向上扳動即可取下滑鼠上蓋。



### ● 安裝上蓋

將滑鼠以正確方向對準其上蓋下方的卡榫，向下按壓直到確實密合，此時滑鼠即可正常使用。



## 如何將滑鼠重複充電

1. 請先將 GM70 滑鼠以 USB 線與電腦連接。
2. 連接成功後，充電模式即自動啟動。

※ GM70 滑鼠約需 2-4 小時可重新充飽電源，充電時間長短視供電來源而有所不同。

## 简介

感谢选用微星专业电竞鼠标 Clutch GM70。这款为电竞玩家量身定制的专业电竞鼠标能带给您愉悦畅快的 PC 游戏体验。

本手册提供了这款鼠标的详细使用说明与图示，能帮助用户了解产品功能并快速上手。因此建议您在使用产品前，先行阅读本手册。

## 内容物

- Clutch GM70 电竞鼠标
- USB 无线接收器 x1
- USB 连接线 x1
- 上盖 x1, 侧翼 x4
- 便携袋 x1
- 多国语言使用手册

## 系统需求

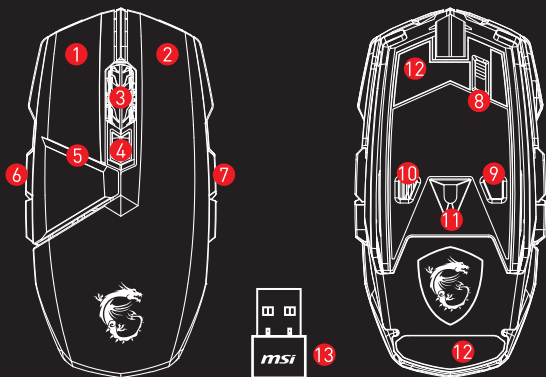
- 配备有 USB 端口的个人电脑
- Windows 10/ 8.1/ 8/ 7/ vista/ XP
- 至少 256MB 硬盘储存空间供软件安装使用

## 规格

- 接口：USB
- 操作系统：Windows 10/ 8.1/ 8/ 7/ Vista/ XP
- 可设定宏键数：8 键
- 传感器分辨率：最高 18,000 DPI
- 线材长度：2 米编织线与镀金 USB 接头
- 尺寸：125 x 66 x 39 mm (不含侧翼)
- 工作频段 ( MHz )：2400MHz~2480MHz
- 目标输出功率：≤ 1 mw



## 外观检视



- |               |                |          |
|---------------|----------------|----------|
| 1. 左键         | 2. 右键          | 3. 高精度滚轮 |
| 4. DPI 切换键    | 5. DPI 指示灯     | 6. 左侧键   |
| 7. 右侧键        | 8. USB 连接线卸除装置 | 9. 配对钮   |
| 10. 电源开关      | 11. 专业电竞级传感器   | 12. 鼠标脚垫 |
| 13. USB 无线接收器 |                |          |

## 硬件安装

## ● 无线模式

1. 将 USB 无线接收器插入计算机上的 USB 端口。
2. 系统会自动侦测硬件并连接鼠标，完毕后即可使用。
3. 倘若未连接成功，请按下鼠标底部配对钮 3 秒后即可使用。

## ● 有线 / 充电模式

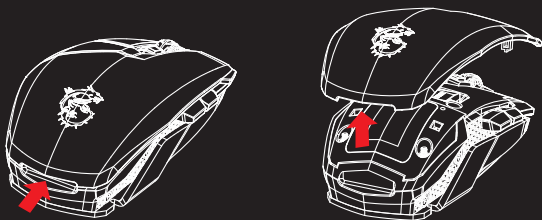
1. 请用 USB 线连接鼠标与计算机。
2. 当 [发现硬件] 通知显示在屏幕上，此时鼠标进入充电模式并可正常使用。

※ 如果想设定更多功能，请浏览 MSI 官方网站并下载专用软件以获得更多产品信息。

## 如何拆卸及安装上盖

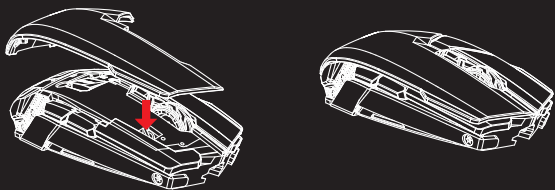
### ● 拆卸方式

先确认鼠标后方的凹槽处，以手指向上扳动即可取下上盖。



### ● 安装方式

将鼠标以正确的方向对准其上盖下方的榫头，向下按压直到密合，此时鼠标即可正常使用。



## 充电须知

1. 请先将 GM70 鼠标用 USB 线与电脑连接。
2. 连接成功后即可自动充电。

※ GM70 电力充满约需 2~4 小时，充电时间长短视供电来源而有所不同。

設備名稱 Equipment name : Clutch GM70 無線滑鼠 型號 (型式) Type designation (Type) : Clutch GM70 GAMING Mouse						
單元 Unit	限用物質及其化學符號 Restricted substances and its chemical symbols					
	鉛Lead (Pb)	汞Mercury (Hg)	鎘Cadmium (Cd)	六價鉻Hexavalent chromium (Cr <sup>6+</sup> )	多溴聯苯Polybrominated biphenyls (PBB)	多溴二苯醚Polybrominated diphenyl ethers (PBDE)
印刷電路板	○	○	○	○	○	○
上/中/下蓋	○	○	○	○	○	○
按鍵	○	○	○	○	○	○
導光柱	○	○	○	○	○	○
側翼	○	○	○	○	○	○
USB 連接線	○	○	○	○	○	○
螺絲	○	○	○	○	○	○
腳墊	○	○	○	○	○	○
外箱貼紙	○	○	○	○	○	○
備考 1. "超出 0.1 wt %" 及 "超出 0.01 wt %" 係指限用物質之百分比含量超出百分比含量基準值。 Note 1: "Exceeding 0.1 wt%" and " exceeding 0.01 wt%" indicates that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.						
備考 2. "○"係指該項限用物質之百分比含量未超出百分比含量基準值。 Note 2: "○" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.						
備考 3. "-" 係指該項限用物質為排除項目。 Note 3: "The "-" indicates that the restricted substance corresponds to the exemption.						

Manufacturer & Importer:

Micro-Star International Co. LTD.

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+886-2-32345599

## FCC

### Federal Communication Commission Interference Statement

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 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.

### 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 transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

## NCC

### 第十二條

經型式認證合格之低功率射頻電機，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用。

前項合法通信，指依電信法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。

