FORGE GK110
KEYBOARD

QUICK START GUIDE

Model: MS-8ZAB

01 English

Product Overview



1. Lighting On / Off
2. Fn function keys
3. Light indicators
4. Media control key
5. Windows key
6. Fn key
7. Co-pilot key
8. LED lighting adjustment keys

Fn Function

- Fn + F1: Media Player
- Fn + F2: Volume Down
- Fn + F3: Volume Up
- Fn + F4: Volume Mute
- Fn + F5: Stop
- Fn + F6: Previoust Track
- Fn + F7: Play / Pause
- Fn + F8: Next Track
- Fn + F9: Default Email
- Fn + F10: Default Browser / Home Page
- Fn + F11: Keypad Lock
- Fn + F12: Calculator
- Fn + DEL: Print Screen
- Fn + PGUP: HOME
- Fn + PGDN: INS
- Fn + Windows key: Windows Lock / Unlock

Media Control Key

Media control keys include Play / Pause and volume roller.

LED Lighting Mode

To switch On / Off the lighting effects, simply short press Fn + ESC keys.

The LED lighting modes include Steady, Breath, and OFF.

LED Lighting Adjustment

- Fn +  : Increase LED Brightness (5 Levels)
- Fn +  : Decrease LED Brightness (5 Levels)
- Fn + 

: Increase Breathing Lighting Speed (4 Levels)
- Fn + 

: Decrease Breathing Lighting Speed (4 Levels)

※ For more information, please visit MSI official website.

02 繁體中文

外觀檢視



1. 燈光啟動 開 / 關
2. Fn 功能按鍵
3. 指示燈號
4. 媒體播放器按鍵
5. Windows 按鍵
6. Fn 按鍵
7. Co-pilot 按鍵
8. LED 燈光調整按鍵

Fn 功能

- Fn + F1：媒體播放器
- Fn + F2：降低音量
- Fn + F3：提高音量
- Fn + F4：靜音
- Fn + F5：停止
- Fn + F6：上一首
- Fn + F7：播放 / 暫停
- Fn + F8：下一首
- Fn + F9：預設電子郵件
- Fn + F10：預設瀏覽器 / 首頁
- Fn + F11：數字鍵鎖定
- Fn + F12：計算機
- Fn + DEL：截圖
- Fn + PGUP：首頁
- Fn + PGDN：插入
- Fn + Windows 按鍵：Windows 鎖定 / 解鎖

媒體播放器按鍵

媒體播放器按鍵包含 播放 / 暫停、音量調節。

LED 燈光模式

快速按下Fn + ESC鍵，可啟動或關閉燈光效果。
燈光效果模式包含 恆亮、呼吸、關閉。

LED燈光調整

- Fn +  : 增加亮度 (5段)
- Fn +  : 降低亮度 (5段)
- Fn +  : 增加呼吸燈效速度 (4段)
- Fn +  : 降低呼吸燈效速度 (4段)

※如欲獲得更多產品訊息，請至 MSI 官方網站

Specifications

FORGE GK110
Model: MS-8ZAB (Keyboard)
Wired Keyboard有線鍵盤 Input / 輸入: DC 5.0V / 150mA

	Temperature	Humidity
Operating	0 ~ 40ºC	10 ~ 95%
Storage	-30 ~ 70ºC	10 ~ 95%

REACH

Complying with the REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) regulatory framework, we published the chemical substances in our products at msi REACH website at https://csr.msi.com/global/Product-Chemical-Management.

Safety & Warning Instructions

Read the safety instructions carefully and thoroughly. All cautions and warnings on the equipment or user's manual should be noted.

- Do not leave the product in an unconditioned environment with a storage temperature above 60ºC (140ºF) or below 0ºC (32ºF), which may damage the product.
- Use this product in environments with ambient temperatures between 0°C(32°F) and 40°C(104°F).
- Refer to the rating label on the bottom of your product and ensure your power source complies with this rating.
- DO NOT place on uneven or unstable work surfaces. Seek servicing if the casing has been damaged.
- DO NOT place or drop objects on top and do not shove any foreign objects into the product.
- DO NOT expose to or use near liquids, rain, or moisture.
- DO NOT cover the vents on the product to prevent the system from getting overheated.

限用物質含有情況標示聲明書

限用物質含有情況標示聲明書

Declaration of the Presence Condition of the Restricted Substances Marking

設備名稱：有線鍵盤 Equipment name				型號（型式）：MS-8ZAB Type designation (Type)		
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^{6})	多溴聯苯 Polybrominated biphenyls (PBB)	多溴二苯醚 Polybrominated diphenyl ethers (PBDE)
印刷電路及電子組件	○	○	○	○	○	○
外殼	○	○	○	○	○	○
配件	○	○	○	○	○	○
線材	○	○	○	○	○	○

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 %" indicate 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.

产品中有毒有害物质或元素的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板组件*	○	○	○	○	○	○
外壳及附件	○	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363 2006 标准规定的限量要求以下。

×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363 2006 标准规定的限量要求。

* 印刷电路板组件：包括印刷电路板及其零部件、电子元器件等。

表中标有 "X" 的所有部件都符合欧盟 ROHS 法规。



在中华人民共和国境内销售的电子信息产品必须标示此标志，标志内的数字表示在正常的使用状态下的产品环保使用年限。





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LIVRET

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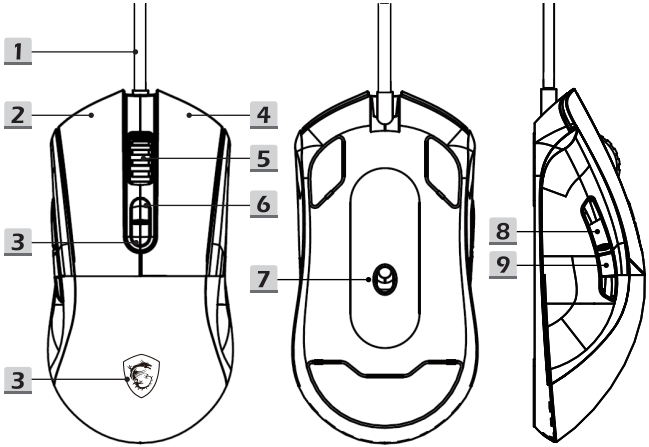
FORGE GM320 MOUSE

QUICK START GUIDE

Model: MS-8ZBE

01 English

Product Overview



1. USB Cable
2. Left Button
3. LED Lighting Effect Switch (13 Modes)
4. Right Button
5. Scroll Wheel
6. DPI switch
7. Optical Sensor
8. Side Button 1
   (Default Setting: Next Page)
9. Side Button 2
   (Default Setting: Previous Page)

DPI & LED Lighting Adjustment

Press the DPI button to switch DPI among the 6 levels, and the Dragon Shield logo will illuminate in different colors:

Level	DPI	LED Color
1	800	Red
2	1200	Green
3	1600	Blue
4	2400	Yellow
5	4800	Cyan
6	12800	Purple

Lighting Cycles

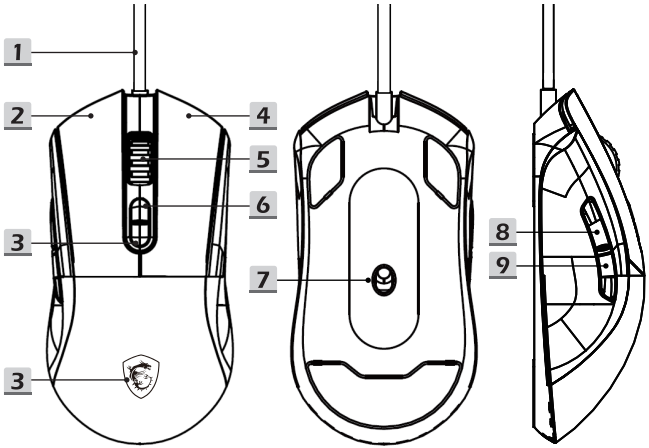
The mouse has 13 modes of Lighting Cycles.

※ This mouse is recommended for use with a fabric mouse pad.

※ For more information, please visit MSI official website.

02 繁體中文

外觀檢視



1. USB 連接線
2. 左鍵
3. LED 燈效切換 (13種模式)
4. 右鍵
5. 滾輪
6. DPI 切換
7. 光學感應器
8. 側鍵 1 (預設：下一頁)
9. 側鍵 2 (預設：上一頁)

DPI 與 LED 燈光調整

按下 DPI 鍵可切換6 段不同的DPI，且 Dragon Shield 的標誌會以不同的顏色亮起：

段別	DPI	LED 顏色
1	800	紅色
2	1200	綠色
3	1600	藍色
4	2400	黃色
5	4800	青色
6	12800	紫色

燈效循環

此款滑鼠有13種燈效模式循環。

※ 此款滑鼠建議搭配布質滑鼠墊使用

※ 如欲獲得更多產品訊息，請至 MSI 官方網站

Specifications

FORGE GM320
Model: MS-8ZBE (Mouse)
Mouse Input / 輸入: DC 5.0V / 200mA

	Temperature	Humidity
Operating	0 ~ 40ºC	10 ~ 95%
Storage	-30 ~ 70ºC	10 ~ 95%

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印刷电路板组件*	○	○	○	○	○	○
外壳及附件	○	○	○	○	○	○

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FR

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