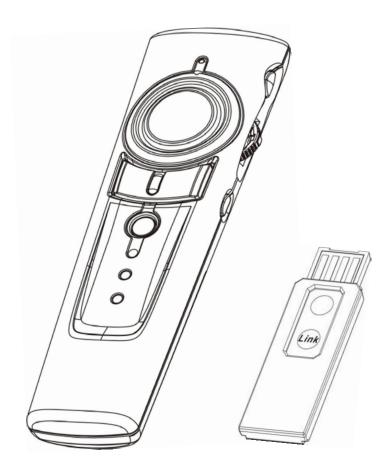
4-in-1 Green Laser Wireless Media Presenter (2.4GHz) User's Manual



Be sure to carefully read this User's Guide first for the proper use of this product and keep it for future reference.



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IMPORTANT SAFETY AND HEALTH INFORMATION





LASER RADIATION - DO NOT STARE INTO BEAM

MAX OUTPUT: 1mW WAVE LENGTH: 532±20nm CLASS II LASER PRODUCT

This product complies with 21 CFR.

WARNING! RISK OF INJURY!

<u>Laser beam can cause permanent damage to eyes.</u> Do not look into the laser beam or shine the laser beam into your eyes, other peoples' eyes, or pet's eyes.

WARNING! RISK OF INJURY!

Keep this device away from Children. This is a working tool, not a toy or entertainment device. It should only be used by adults.

FEDERAL COMMUNICATIONS COMMISSION

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.

NOTE

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 radiated 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

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Chapter 1 Introduction

■ Package contents

Open the package carefully and make sure you have all following items in the package.

4-in-1 Wireless Media Presenter	x 1
USB Receiver	x 1
AAA Battery	x 2
User's Manual	x 1
Carry Case (might be option)	x 1

■ System Requirements

 $\label{eq:windows} Windows \ \ \ Vista^{TM} \ \& \ \ PowerPoint \& \ \ 2000 \ (or \ later) \ for \ Windows \ Mac \ OS \& \ X \ v.10.3 \ (or \ later) \ \& \ \ PowerPoint \& \ X \ (or \ later) \ for \ Mac \ Available \ USB \ port$

■ Trademarks

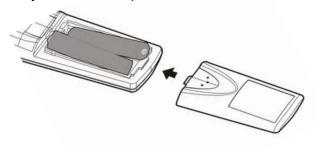
Windows, Windows Vista, Windows Media Player, Microsoft and PowerPoint are registered trademarks of Microsoft Corporation.

Mac, Mac OS and iTunes are registered trademarks of Apple, Inc. Other trademarks and registered trademarks not listed above may be used in this manual.

Chapter 2 Get Started

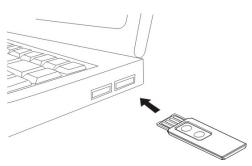
Insert the batteries

Open the battery cover in the product rear side and insert the attached batteries.



■ Connect the USB receiver

Plug the USB receiver exactly into PC USB port.



Note

For first use on **Mac PC**, you may need to do following setting for normal use.

Plug in USB receiver → Keyboard Setup Assistant → Click "Continue" → Identify Your Keyboard → Press any key on the keyboard → Select "Skip" → Choose "ANSI" → Click "Done" button

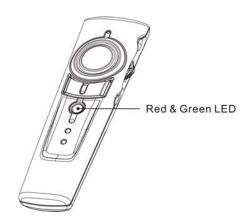
■ To turn on laser pointer

Press "Fn" and "On/Off" button on the presenter right side simultaneously till the red Indication LED on the front side blinks which means the laser pointer has been turned on.

Note Laser pointer will be automatically off after laser pointer is idled over 30 minutes.

■ Indication LEDs

Red and green LED each one on presenter front with following indication function:

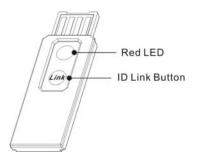


Red LED blinks regularly means the product is at PowerPoint control mode and laser pointer is turned on.

Green LED blinks regularly means the product is at Media Player control mode.

Note Laser pointer cannot be used at Media Player control mode.

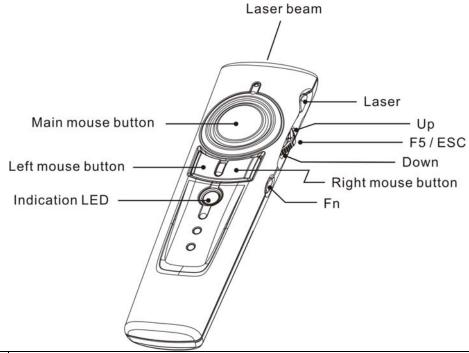
One red LED on USB receiver with following indication function:



When **Link** button on USB receiver is pressed for ID link, this red LED will light up. If correct ID link process is conducted at presenter, this red LED becomes regular blinking from light up.

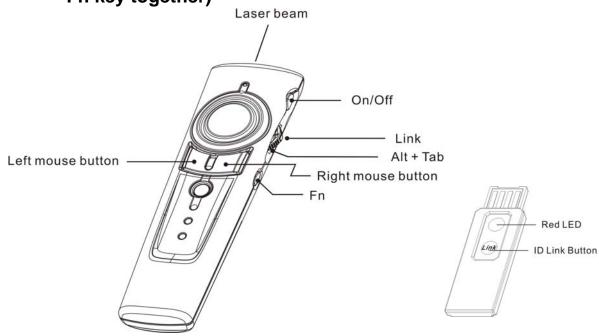
Chapter 3 PowerPoint Control Mode – Part I

Note Please open the presentation PowerPoint file and other file(s) before using this product. The default control mode of this product is PowerPoint control mode.



Print on key	Function description		
Laser	1. Press Fn and Laser On/Off keys simultaneously till the Indication LED blinking in red to turn on or off laser pointer 2. When laser pointer is turned on, press Laser key to shoot the laser beam Note This presenter has anti miss-touch and save power design. When laser points is turned on and user continually presses the Laser key over one (1) minute or laser is idled over 30 minutes, the laser pointer will be automatically turned off. To use the laser function, user shall turns on the laser pointer again.		
Main mouse	Slightly put thumb on main mouse and rotate your thumb to have main mouse function		
Left mouse	 Click as computer left mouse function At PowerPoint file, click to go to next slide 		
Right mouse	Click as computer right mouse function		
Up	Push up the switch to go to previous slide		
F5/ESC	Click this key to start PowerPoint slide show Press and hold this key more than one (1) second to exit PowerPoint slide show		
Down	Pull down the switch and go to next slide		
Fn	 Press and hold this key more than three (3) seconds to change between PowerPoint control mode and Media Player control mode. After successful change from PowerPoint control to Media Player control, green indication LED will regularly blink Note At Media Player control mode, Laser pointer has no function. Main/Left/Right mouse will become Media Player control function After successful change from Media Player control to PowerPoint control, please remember to turn on Laser pointer if you want to use laser function 		
Indication LED	 No LED blinks: The product is at PowerPoint control mode and laser pointer is off Red LED blinks regularly: The product is at PowerPoint control mode and laser pointer is on 		

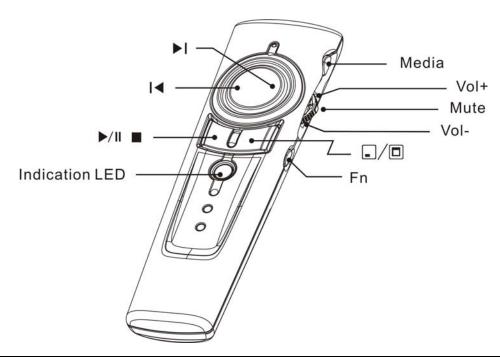
Chapter 3 PowerPoint Control Mode – Part II (Function to use with Fn key together)



Function description		
Press Fn and Laser On/Off keys simultaneously till the Indication LED blinking in		
red to turn on or off laser pointer		
Note This presenter has save power design. When laser pointer is turned on but		
idled over 30 minutes, the laser pointer will be automatically off. To use the laser		
function again, user shall turn on the laser pointer again		
ID change process below:		
1. Click the Link button on the USB receiver and the red LED on the USB receiver		
will light up		
2. Press and hold Fn key, then press switch (Link) till the LED on the USB receiver		
starts blinking which means ID change has been successfully completed		
Note 1 To conduct ID change Only When serious RF interference occurs		
Note 2 ID Link shall be completed in 20 seconds or needs to be conducted again		
1. Press and hold Fn key, then pull down the switch (Alt + Tab) to loop among all		
opened file(s)		
2. Release Fn and Alt + Tab keys when looping stays at your required file		
3. Use the same process to other opened file or go back to PowerPoint slide		
Note Alt + Tab function is not available on Mac OS		
Press Fn and Left mouse button simultaneously to turn the whole screen black.		
Do the same process to return to normal slide screen		
Press Fn and Right mouse button simultaneously to turn the whole screen white.		
Do the same process to return to normal slide screen		

Chapter 4 Media Player Control Mode

Notes Laser pointer function is not available at this control mode.



Print on key	Function description			
Media	Click to initiate the audio and video media players defaulted Note This function is only available on Windows Media Player software			
Vol+	Push up the switch to turn up the play volume			
Mute	Click the switch directly to turn on mute function; click again to turn off mute function			
Vol-	Pull down the switch to turn down the play volume			
▶I	Press down the right side of main mouse button to go to next chapter			
I	Press down the left side of main mouse button to go to previous chapter			
_/□	Click the right mouse button to show your desktop (all application software will be minimized); click again to recover the last application software you used Note This function is only available on Windows OS			
⊳/II ■	This key has following three (3) function: 1. Click to toggle between Play and Pause 2. Press and hold for two (2) seconds to Stop the playback Note Play stop function is not available on iTunes software			
Fn	 Press and hold this key more than three (3) seconds to change between PowerPoint control mode and Media Player control mode. After successful change from PowerPoint control to Media Player control, green indication LED will regularly blink Note At Media Player control mode, Laser pointer has no function. Main/Left/Right mouse will become Media Player control function After successful change from Media Player control to PowerPoint control, please remember to turn on Laser pointer if you want to use laser function 			
Indication LED	Green LED blinks regularly at Media Player control mode Note This presenter has save power design and if no any key is pressed over 30 minutes, the LED will be automatically off			

Note The volume control function of this product is to control the system volume of computer.

Chapter 5 Trouble Shooting

Question	Possible cause	How to resolve
Need to install software for first use of this product?		No need
Need to link ID before first use?		No need
Possible to use 2 or more of this product in a room at the same time?		Yes, but please implement ID Link in advance to avoid interference (see page 7 for how to link)
Possible to use one presenter with 2 or more USB receivers?		Yes but only when the presenter and USB receivers are not conducted ID Link
Laser pointer malfunction	At Multimedia Play Mode Forget to turn on laser pointer Laser function has been automatically off after 30 minutes of idling time Continual press of Laser key over 1 minute	`
Remote control malfunction	Interfered by other RF signal	To Implement ID Link (see page 7 for how to link)
Laser pointer and remote control both malfunction	Batteries are inserted in wrong direction or battery power run out	Check the insert direction of batteries and battery power

Chapter 6 Specifications

Specifications

System

Frequency range: 2400~2483MHz

Remote range: Approx. 100 feet (30 meters) indoors,

328 feet (100 meters) open space

Operating voltage: Remote control & Laser: 2.4V~3.2V

Power: AAA battery X 2

Power: Normal operation <10mA

Laser operation < 300mA

Sleep < 10uA

Output power: Under 1mW

Dimensions

Presenter: 130 (L) x 38.2 (W) x 23.5 (H) mm USB receiver: 49 (L) x 16 (W) x 3.5 (H) mm

Weight

Presenter: About 65 grams (include batteries)

USB receiver: About 2.6 grams

Environmental Requirements

Temperature:

Operating : 0° C (32°F)~ 60° C (140°F)

Green laser operating temperature: 15° (59° F)~ 35° (95° F)

Non-operation : -10° C (14° F) \sim 65 $^{\circ}$ C (149° F)

Humidity(non-condensing):

Operating: 10%~85% RH

Non-operating: 10%~95% RH

□ Green laser

Semiconductor laser (λ = 532 nm)

Laser output power: Under 1 mW

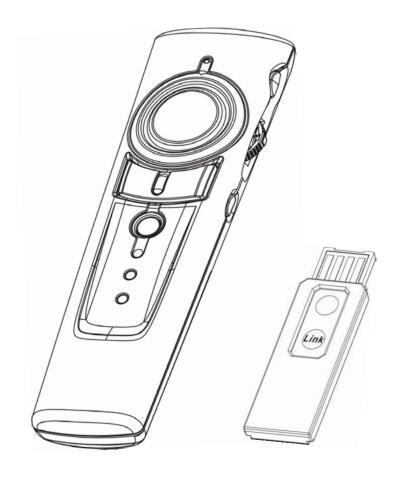
Note: Design and specifications are subject to change without prior notice.

Care and Maintenance

- □ For cleaning, you are advised to use a soft, slightly moistened cloth.
- Avoid using solvents or abrasive substances.
- □ Do not open the presenter: for maintenance, consult qualified staff only.

四合一綠光無線簡報器 (2.4GHz)

使用說明書



使用前務請詳閱本使用說明, 以正確操作本裝置,閱讀後並 請妥善保存,以備日後參考



CAUTION



LASER RADIATION - DO NOT STARE INTO BEAM

MAX OUTPUT: 1mW WAVE LENGTH: 532±20nm CLASS II LASER PRODUCT

This product complies with 21 CFR.

(注意:本產品具雷射功能,請勿將雷射光束直射眼睛並避免孩童把玩)

(一)、本產品包含:

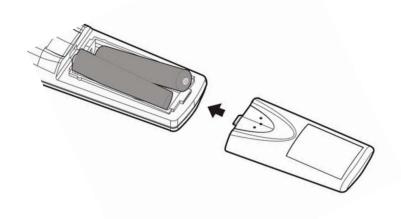
1.	無線簡報器	1
2.	USB 無線接收器	1
3.	AAA 電池	2
4.	使用說明書	1
5.	收納袋 (可能需另購)	1

(二)、系統需求:

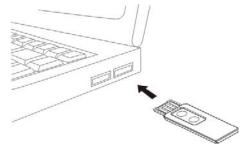
- 1. Windows® 2000, XP, Windows Vista™; 簡報軟體: PowerPoint® 2000 或更新的版本
- 2. Mac OS® X v.10.3 (or later); 簡報軟體: PowerPoint® X for Mac OS X 或更新的版本
- 3. USB 插孔

(三)、開始使用:

1. 打開無線簡報器背面之電池蓋,依電極指示方向置入電池。



2. 將無線接收器插入電腦或其他簡報裝置之 USB 埠。打開簡報時所要用到之所有檔案 (建議先將 PowerPoint 顯示於簡報銀幕上)。



注意

第一次將 USB 接收器插入 Mac 電腦時,您的電腦可能無法辨識本裝置,請依下列步驟設定即可正常使用。插入 USB 接收器 → 鍵盤設定輔助程式 → 選擇"繼續" → 按鍵盤上任意鍵 → 選擇"略過" → 選擇"ANSI" → 按"完成"

3. 開啓雷射 (開啓雷射時請勿直視雷射):

先按住無線簡報器右側下方之功能鍵 (Fn),再按住右側上方之雷射開關鍵 (On/Off),待 簡報器正面之指示燈閃爍紅色即啟動雷射功能。 重複上述操作關閉雷射。

(雷射開關安全設計:靜置三十分鐘後雷射自動關閉,重新開啟雷射須再執行上述程序)

4. 指示 LED 燈:

簡報器正面有紅色 LED 與綠色 LED 各一。 位置&指示功能如下:

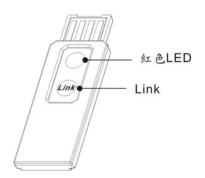


紅色 LED 固定閃燈表示此產品在 PowerPoint 控制模式且雷射功能已被開啟。

綠色 LED 固定閃燈表示此產品在 Media Player 控制模式。

注意 雷射在 Media Player 控制模式下無法使用。

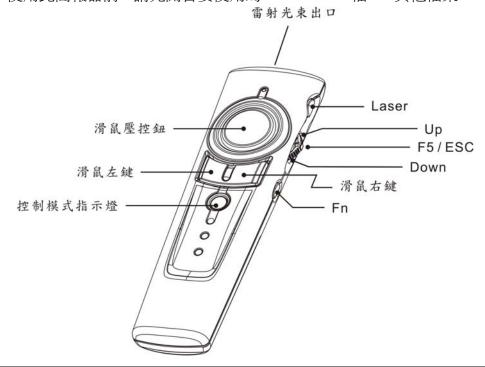
USB 接收器正面有一紅色 LED。 位置&指示功能如下:



按下 USB 接收器上之 Link 鍵時,此紅色 LED 會 亮起;簡報器端完成頻率重新聯結後,此紅色 LED 燈由常亮變閃燈。

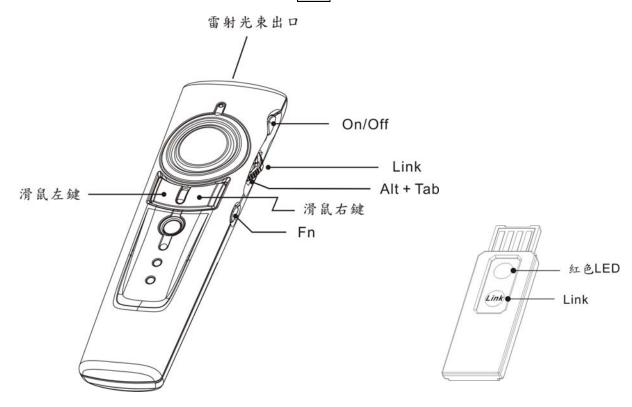
(四)、**簡報控制模式 – Part I** (注意 請將語言輸入設定在"英文",不要在注音或倉頡模式):

*使用此簡報器前,請先開啟要使用的 PowerPoint 檔 & 其他檔案 *



按鍵印刷	按鍵功能	操作說明	
		1. 同時按住簡報器右側 Fn 及 On/Off 鍵直到簡報器正面模式指示燈閃紅	
		燈,表示雷射已被開啟或關閉	
		2. 雷射在開啓狀態,按住此鍵發出雷射光束	
Laser	雷射按鍵	注意 本產品有防誤觸以及節電設計,在雷射在開啓狀態下,如果 <u>連續按</u>	
		住雷射鍵超過 1 分鐘或超過 30 分鐘沒有使用雷射, 雷射會自動關閉。 如	
		要再使用雷射,請重新開啓雷射功能	
滑鼠壓控鈕	電腦滑鼠	將拇指指腹輕放在此壓控鈕上,然後輕輕轉動拇指,即可當滑鼠控制	
	滑鼠左鍵	1. 按一下當滑鼠左鍵使用	
滑鼠左鍵		2. 在 PowerPoint 檔案底下,按一下到下一張投影片	
滑鼠右鍵	滑鼠右鍵	按一下當滑鼠右鍵使用	
Up	上一頁	將此3向開關往上撥一下,到上一張投影片	
FF/F60	投影片放映/	1. 按下此鍵並迅速放開即開始投影片放映	
F5/ESC	結束	2. 按住此鍵超過 1 秒鐘即可結束投影片放映	
Down	下一頁	將此3向開關往下撥一下,到下一張投影片	
	模式切換鍵	按住 Fn 鍵 3 秒鐘後放開:	
F		1. 模式指示燈亮綠色並持續閃爍綠色,表示本產品在多媒體控制模式	
Fn		2. 模式指示燈未閃爍,表示本產品在簡報控制模式	
		注意 回到簡報控制模式後,如要使用雷射,需重新開啓雷射功能	
簡報器正面	控制模式	1. 不閃燈:簡報控制模式但沒有開啓雷射(注意 此產品初始設定在簡報控制模式)	
LED 燈	指示燈	2. 定時閃紅燈:簡報控制模式且雷射在開啟狀態	

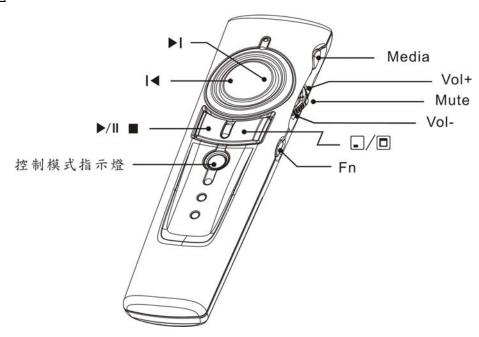
(四)、**簡報模式 - Part II** (搭配 Fn 鍵使用; 注意 操作時請先按住 Fn 鍵後再按其他鍵)



按鍵印刷	按鍵功能	操作說明
0=10#		同時按住簡報器右側 Fn 及 On/Off 鍵直到簡報器正面模式指示燈閃紅燈,
On/Off	開啓&關閉雷射	表示雷射已被開啓或關閉
		1. 先按下 USB 無線接收器上之頻率切換鈕(Link),此時上 Link 上之紅
		色 LED 會亮起
Link	手 车 账 结	2. 再同時按住簡報器上之 Fn 及 Link 鍵直到簡報器之綠色模式指示灯閃
LINK	重新聯結頻率	燈或 USB 無線接收器上之紅色 LED 變成閃燈,表示完成重新聯結
		注意 1 僅於明顯感覺簡報器操作不順暢或無回應時方執行本功能
		注意 2 重新聯結動作需在 20 秒內完成,否則需重新執行
	檔案切換	先按住 Fn 鍵並將 3 向開關往下撥至所需切換檔案後,同時放開 2 按鍵即
Alt + Tab		可換至所選取之檔案。 依上述步驟,切換到其他檔案或回到原放映投影
AIL + IAD		片
		注意 在 Mac OS 上,沒有 Alt + Tab 功能
海鼠七分	簡報螢幕反黑	按住 Fn 及滑鼠左鍵,簡報播放螢幕反黑。 依同樣步驟,回到正常放映
滑鼠左鍵		螢幕
滑鼠右鍵	然却然苦口占	按住 Fn 及滑鼠右鍵,簡報播放螢幕反白。 依同樣步驟,回到正常放映
间 與 口娛	簡報螢幕反白	螢幕

(五)、多媒體控制模式

(注意 在此模式時,雷射沒有功能而電腦滑鼠轉爲多媒體播放控制功能)



按鍵印刷	按鍵功能	操作說明	
Media	叫出預設多媒體	按一下此鍵叫出系統預設之多媒體播放軟體	
wiedia	播放軟體	注意 本功能僅適用於 Windows Media Player	
Vol+	調高播放音量	將此3向開關往上撥,調高音量	
Mute	靜音	直接按下3向開關靜音,再按一次回復原來音量	
Vol-	調低播放音量	將此3向開關往下撥,調低音量	
▶I	下一章節	按一下滑鼠壓控鈕右側,跳至下一章節	
I	前一章節	按一下滑鼠壓控鈕左側,跳至前一章節	
		按一下滑鼠右鍵,顯示電腦桌面(即隱藏所有應用軟體),再按一次回	
_/□	顯示電腦桌面	復隱藏前最後叫出之應用軟體	
		注意 本功能僅適用於 Windows OS	
	1 . 播放/暫停	1. 按一下滑鼠左鍵,開始或暫停多媒體播放	
▶/ ■	▶/Ⅱ ■ 2. 停止	2. 按住滑鼠左鍵約 2 秒鐘,停止多媒體播放	
		注意 iTunes 播放軟體沒有停止多媒體播放功能	
		按住 Fn 鍵 3 秒鐘後放開:	
Fn	模式切換鍵	1. 模式指示燈亮綠色並持續閃爍綠色,表示本產品在多媒體控制模式	
		2. 模式指示燈未閃爍,表示本產品在簡報控制模式	
		注意 回到簡報控制模式後,如要使用雷射,需重新開啓雷射功能	
 簡報器正面	控制模式	定時閃綠燈表示在多媒體控制模式	
LED燈	控制模式 指示燈	注意 本產品有節電設計,超過30分鐘沒有使用任何按鍵, LED 燈會	
	1日/1//	自動熄滅。 再按任何一鍵,LED 即恢復閃燈	

注意 此產品控制電腦系統音量,非控制播放軟體之音量

(六)、常見問題

問題	可能原因	解決方法
第一次使用時需先安裝軟體嗎?		不需要
第一次使用時需先做頻率 切換嗎?		不需要
可以同時在同一空間使用 兩支以上無線簡報器嗎?		可以,但在使用前請先執行"重新聯結頻率"以避免干擾 (詳見第 16 頁操作說明)
可以使用一支簡報器,同時控制兩台(或多台)電腦嗎?		可以,但需在簡報器以及 USB 接收器都沒有執行過"重新聯結頻率"才可以
雷射沒有反應	 可能產品在多媒體控制模式 沒有開啓雷射 雷射有開啓但超過 30 分鐘沒有使用 連續按住雷射鍵超過 1 分鐘 	1. 請切換到簡報控制模式 2~4 請重新開啓雷射 (詳見第 15 頁操作說明)
雷射功能正常但遙控功能 不正常	被其他 2.4GHz 產品干擾	請執行"重新聯結頻率"" (詳見第 16 頁操作說明)
遙控及雷射同時沒有反應	電池沒電或置放方向錯誤	請檢查電池電極置放方向&電力

(七)、產品規格

使用頻率	2400~2483MHz	
遙控距離	室內:30公尺; 開放空間:100公尺	
	注意 控制距離可能因使用環境而有差異	
工作電壓	2.4V~3.2V	
電源供應	AAA 電池 X 2	
輸出功率	小於 1mW	
重量	簡報器:約 65 公克(含電池); USB 接收器:約 2.6 公克	
體積(本體)	簡報器:130 (長) x 38.2 (寬) x 23.5 (高) mm	
	USB 接收器:49 (長) x 16 (寬) x 3.5 (高) mm	
環境	溫度:	
	操作時:0℃(32°F)~60℃(140°F)	
	綠光雷射操作:15℃(59℉)~35℃(95℉)	
	非操作時:-10℃(14℉)~65℃(149℉)	
	濕度(非冷凝狀態):	
	操作時 10%~85% RH	
	非操作時 10%~95% RH	
雷射	半導體雷射 (λ= 532 nm)	
	雷射最大輸出功率:小於 1 mW	

注意:本裝置若有髒污,請用軟濕布擦拭(僅用清水),請勿使用酒精、揮發劑、稀釋劑、清潔劑擦拭。

*本產品爲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。

*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。

Doc No.: EB-B9020-201