

## Serafim A1 User Manual

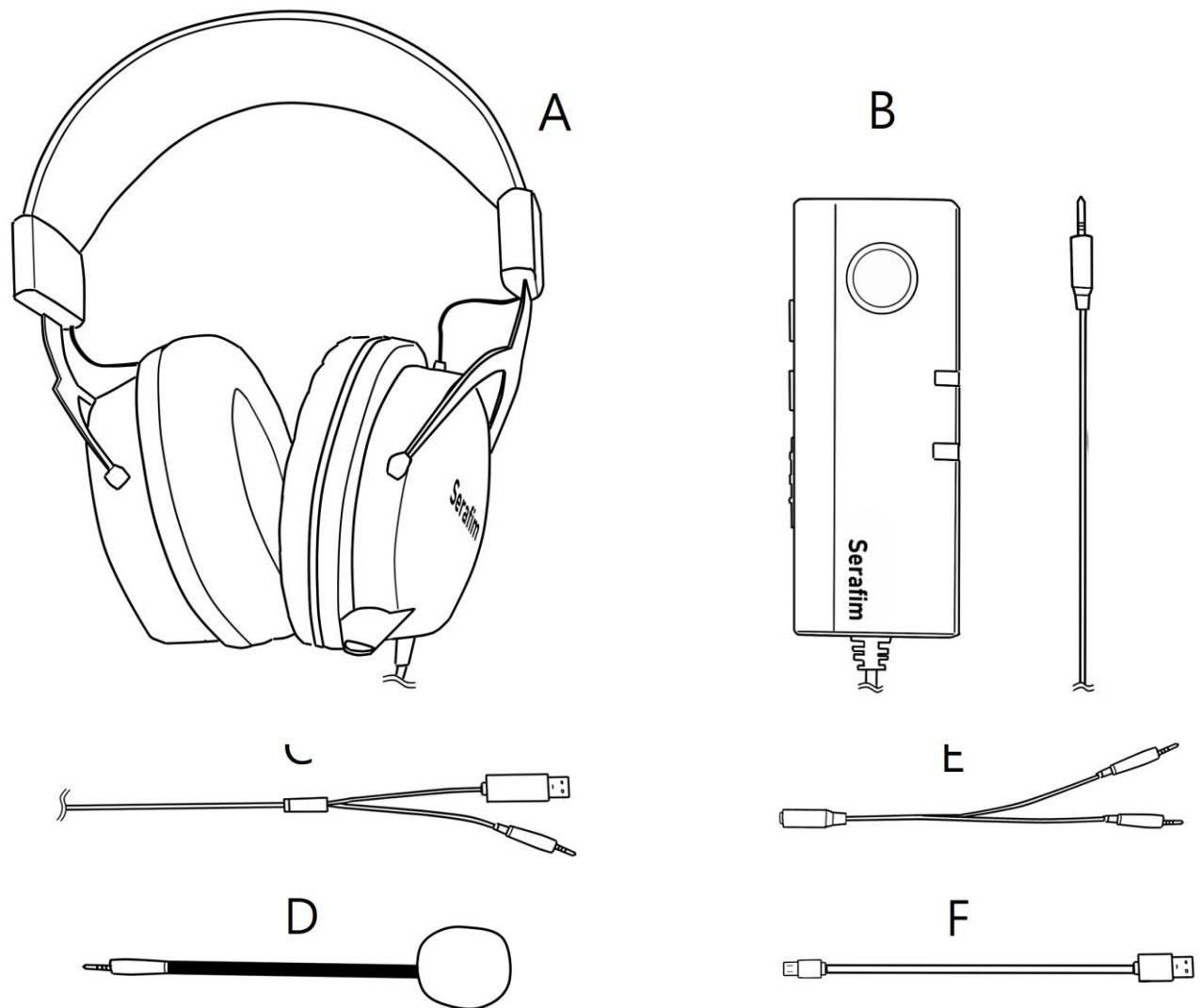


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## English

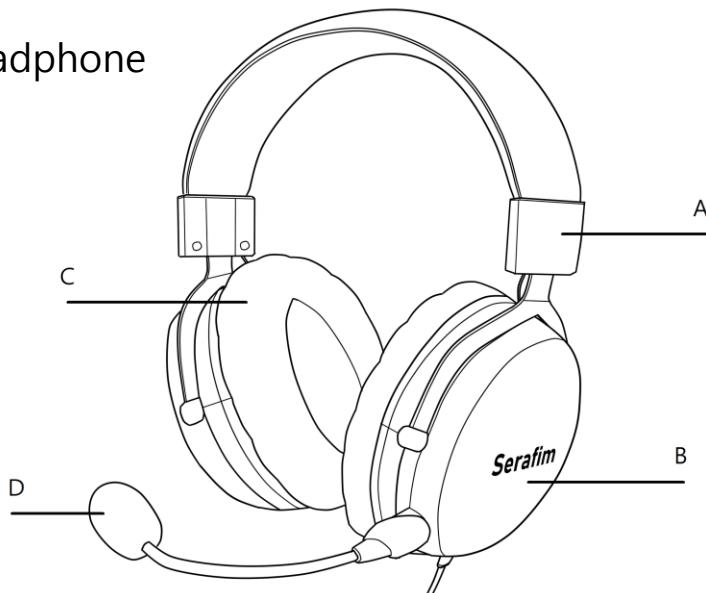
### Package Contents



- A. Headphone
- B. Audio Box
- C. 3.5mm audio source output cable and headphone LED light USB power supply cable
- D. Detachable microphone
- E. 2 In 1 3.5mm Audio Cable Female To Male
- F. Micro USB charging cable

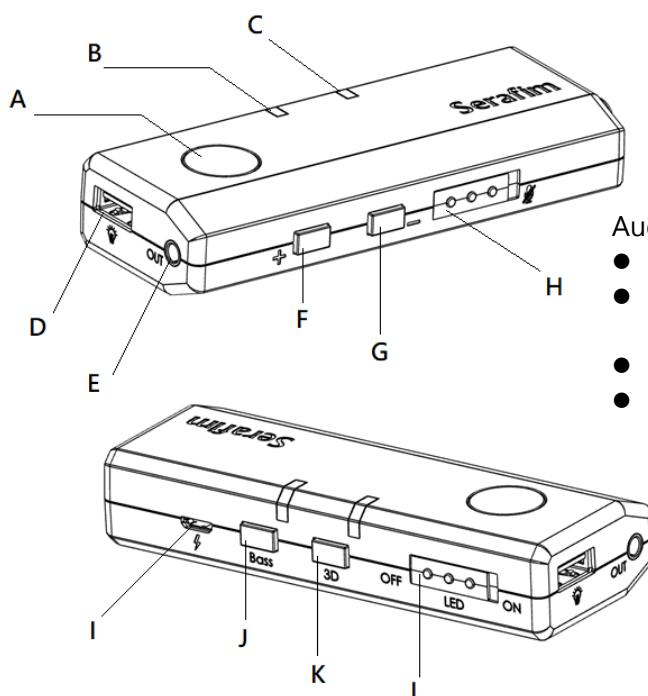
## Component Names

Headphone



- A. Adjustable headband with padded head
- B. Circular RGB Logo light
- C. Soft foam ear cushions
- D. Detachable microphone (note that the microphone interface is directional)

Serafim Audio



Audio Box main power light introduction

- Bluetooth connection: Blue is always on.
- No Bluetooth connection: RGB cycle light.
- Low battery warning: red light flashes.
- Charging: Red is always on, the red light is off when the battery is full

- A. Main power switch (the RGB cycle light will appear when it is turned on, and the blue light will be steady when the Bluetooth is connected)
- B. 3D surround function turns on the indicator light
- C. Bass enhanced function indicator
- D. Headphone LED light power supply USB interface (this interface only provides the power supply function of the headphone LED light)
- E. 3.5mm audio output interface
- F. Volume up key
- G. Volume down key
- H. Microphone mute switch
- I. Micro USB charging port
- J. Bass enhancement function switch key
- K. 3D surround function switch key
- L. Headphone LED light switch key

## Disclaimer

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you encounter any problems we would be glad to answer all your concerns at

FB Fan page



Online customer service



## Warranty

This product has one-year Serafim warranty service, only in these following cases should not be content into warranty of Serafim:

1. The product is repaired, modified or altered, unless such repair, modification or alteration is authorized in written form by Serafim.
2. In all cases the commencement date for the period is one year since the actual day of purchase, as reflected on the authorized reseller's or distributor's invoice / receipt provided to you.

※ If part of the description is different from the picture due to factors such as the official software upgrade of Serafim Audio APP or the change of product appearance, Shuoqing Technology will not be liable and reserves the right of final interpretation

## Platform connection

### Android/iOS

Use the 3.5mm adapter or the 3.5mm interface on the device to connect it to use

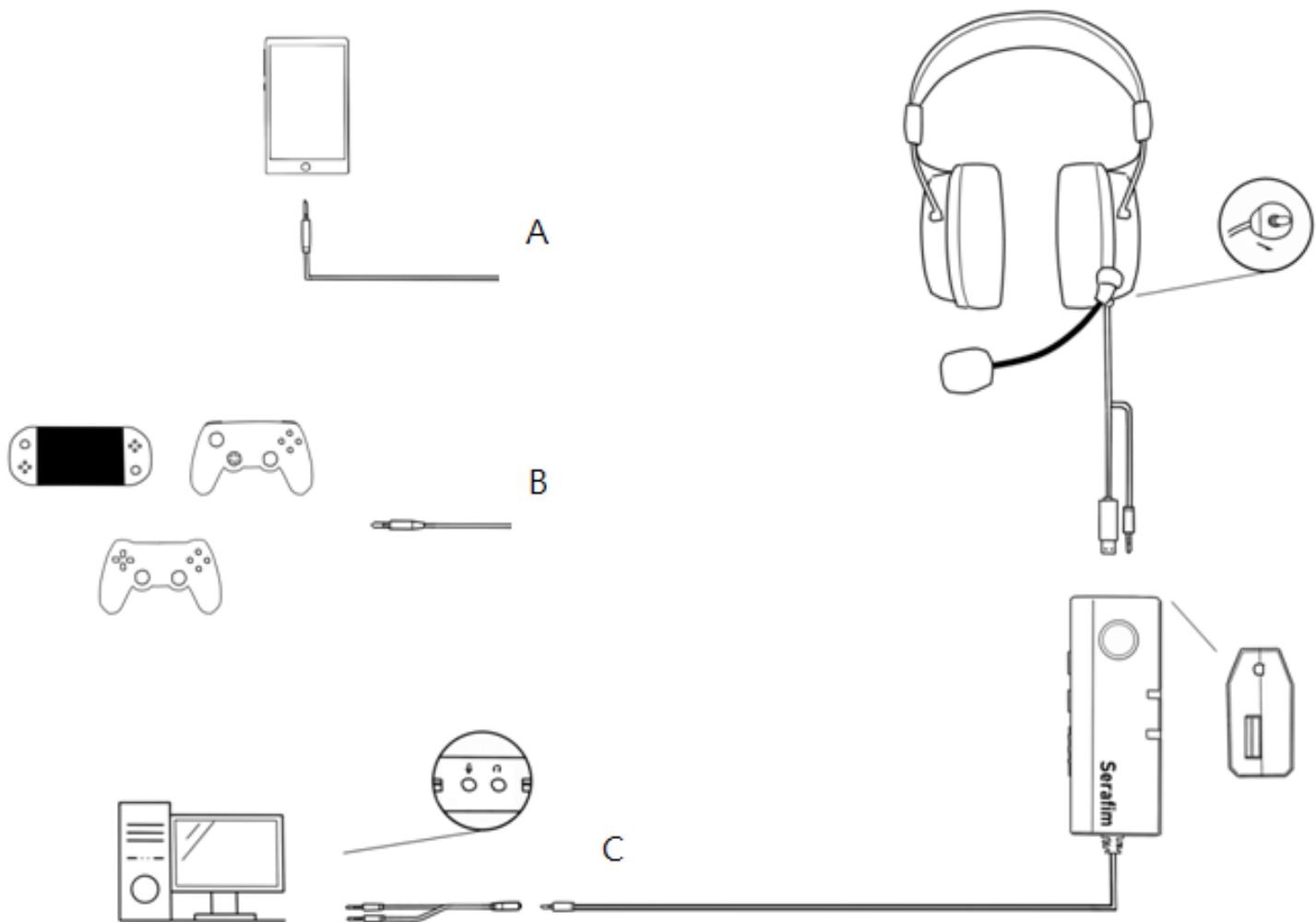
Xbox one/Xbox series s/ Xbox series x

PlayStation 4/ PlayStation 5/ Nintendo Switch

Use the 3.5mm audio cable connector to connect to the game controller

### PC/Laptop/ Mac/Linux

Use the included 2 In 1 3.5mm Audio Cable to connect to the 3.5mm interface or directly use the 3.5mm audio cable to connect to it.

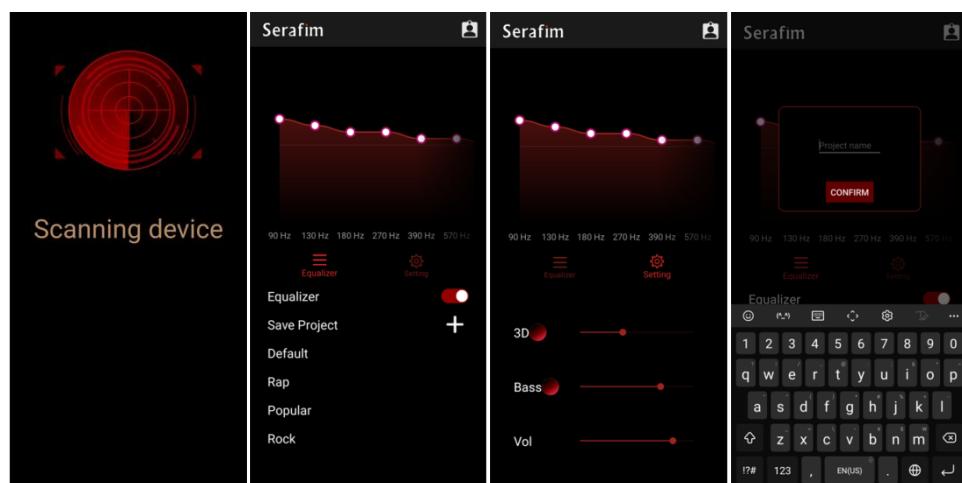


## Serafim Audio APP Features

Android / iOS



1. Download and install Serafim Audio from the mobile phone to Google Play/APP Store.
2. After turning on the Bluetooth function of the phone and the power of Serafim Audio Box, tap Serafim Audio to log in and it will automatically search for device pairing.
3. After entering Serafim Audio, you can turn on the equalizer and adjust the EQ equalizer parameters, as well as the 3D and BASS functions according to your needs.
4. After adjusting the equalizer parameters, press the "+" icon to enter a name to save the current solution. Swipe left on the name of the saved plan to delete the plan.



- The parameters set by the Serafim Audio APP will be changed according to the user's button adjustment on the Serafim Audio Box
- When the Serafim Audio APP is closed, the Serafim Audio Box will be defined by the parameters adjusted by the last APP

## Specifications

### Headphone

Driver: Dynamic, 50mm with neodymium magnets  
 Type: Circumaural, Closed back  
 Frequency response: 20Hz–2kHz  
 Impedance: 21 Ω  
 Sound pressure level: 109dB SPL/mW (1kHz)  
 T.H.D.: < 15%  
 Weight: 310g  
 Weight with mic: 320g  
 Cable length and type: USB charge cable (1m)  
 Connector: Headphone-3.5mm (4-section type)+USB

### Microphone

Element: Electret condenser microphone  
 Polar pattern: Omnidirectional, Noise-cancelling  
 Frequency response: 100Hz-10000 Hz  
 Sensitivity: -42±3 dB  
 Impedance: 2.2kΩ

### Audio Box

Battery capacity: 550mAh  
 usage time (headphone LED off): 8hr\*  
 usage time (headphone LED on): 3.hr\*  
 Charging time: 3hr(0%-100%)  
 Weight: 70±2 g  
 Cable length: 1 m

\* The use time will vary due to factors such as user habits or volume

## Safety Notes

\*If you encounter problems with the correct operation of the device, and the troubleshooting does not help, please unplug the device and contact our online customer service, or go to <https://serafim-tech.com/contact> for support. Do not try to disassemble or repair this device yourself under any circumstances, otherwise the warranty will be invalid.

\*In order to maintain the sound quality of the device, when using the device and charging at the same time, do not charge with low-current power sources, such as low-voltage charging devices, computer USB ports.. etc.

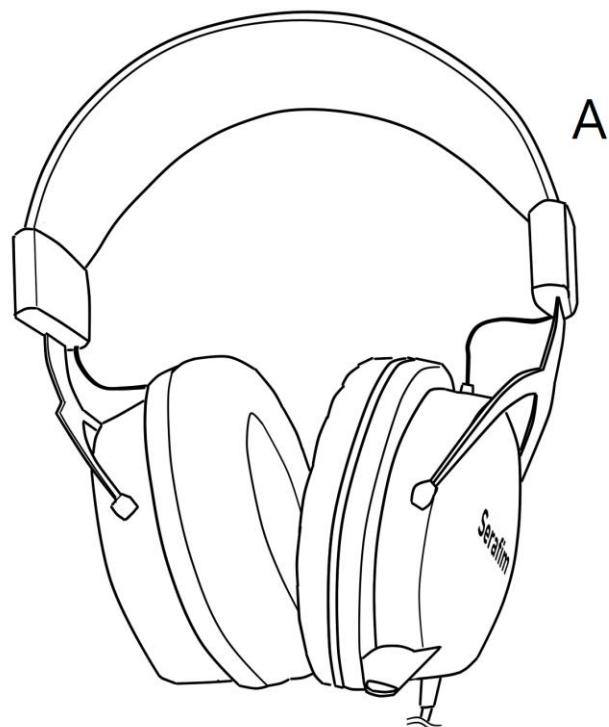
\*Keep the device away from liquid or any humid environment. Operate this device within the ideal temperature range (0°C (32°F) to 40°C (104°F)). If the temperature is out of the ideal range, turn off the device until the temperature returns to the ideal range.

\*Do not use it at excessive volume for a long time, otherwise it may damage your hearing. In addition, the laws of some countries/regions stipulate that in an environment that affects hearing and has a sound volume of 86 decibels, you may not stay for more than 8 hours a day. Therefore, it is recommended that if you want to use the headset for a long time, turn down the volume as much as possible. Please be sure to maintain your hearing health.

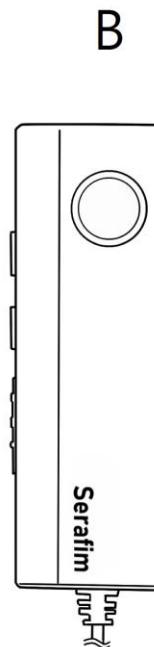
\*Audio Box has a built-in rechargeable lithium battery. Generally speaking, the service life of this battery is usually related to usage habits. If you think the included rechargeable lithium battery is exhausted (low battery), please try charging first. If the battery cannot be charged smoothly after many attempts, the battery may be out of use. Do not disassemble and replace the battery by yourself.

繁體中文

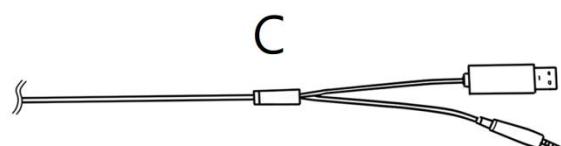
內容物介紹



A



B



C



E



D

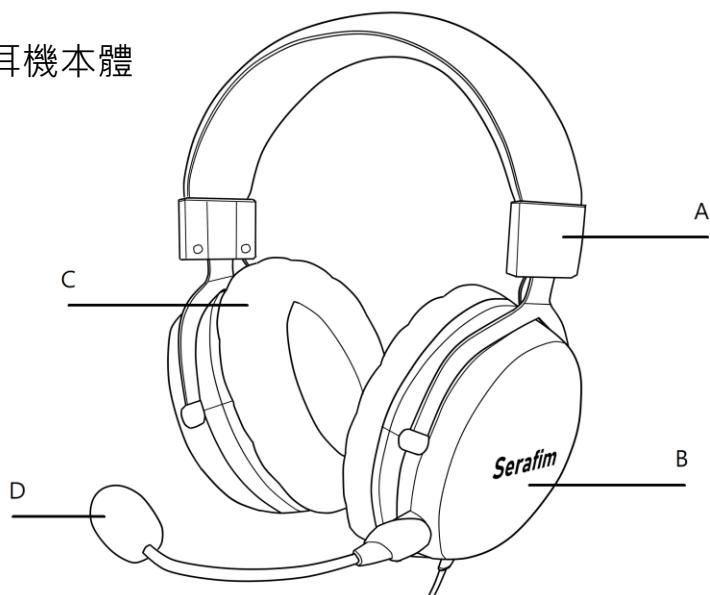


F

- A. 耳機本體
- B. Audio Box
- C. 3.5mm 音源線與耳機 LED 燈 USB 供電線
- D. 可拆式麥克風
- E. 1 分 2 音源線
- F. Micro USB 充電線

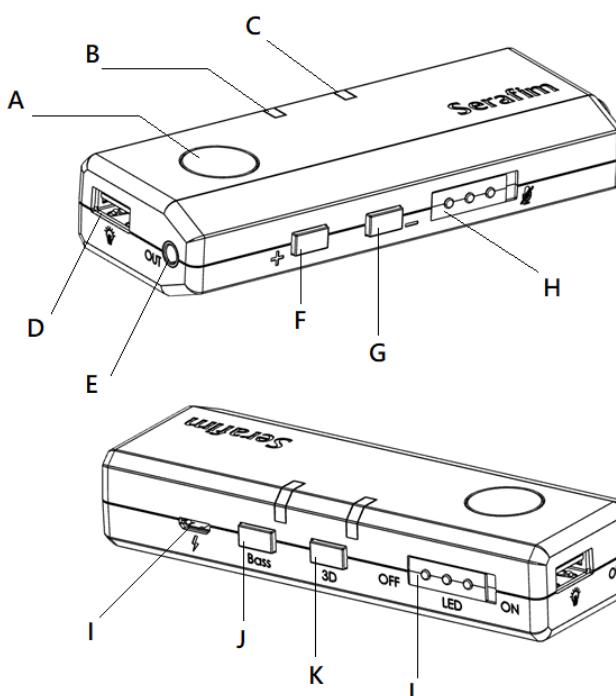
## 外觀部件介紹

耳機本體



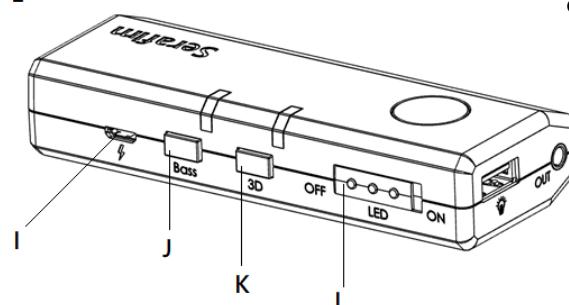
- A. 可調整式附軟墊頭帶
- B. 循環式 RGB Logo 燈
- C. 柔軟泡綿耳墊
- D. 可拆式麥克風 (注意麥克風  
接口有方向性)

Serafim Audio



Audio Box 主電源燈號介紹

- 藍芽連線中:藍色恆亮。
- 無藍芽連線:RGB 循環燈號。
- 低電壓警示:紅燈閃爍。
- 充電中:紅色恆亮，電池充滿紅燈熄滅。



- A. 主電源開關 (開啟後會呈現 RGB 循環燈，藍芽連接後會藍燈恆亮)
- B. 3D 環繞功能開啟顯示燈
- C. Bass 增強功能顯示燈
- D. 耳機 LED 燈供電 USB 接口 (此接口只有提供耳機 LED 燈供電功能)
- E. 3.5mm 音源輸出接口
- F. 音量增加鍵
- G. 音量減少鍵
- H. 麥克風靜音開關
- I. Micro USB 充電接口
- J. Bass 增強功能開關鍵
- K. 3D 環繞功能開關鍵
- L. 耳機 LED 燈開關鍵

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有關資訊更新，請造訪碩擎科技官方網站：

<https://www.serafim-tech.com>



如果您遇到任何問題，我們將很樂意在 sales@serafim-tech.com 回答您的所有疑慮。

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線上客服



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## 平台連接方式

### A. Android/iOS

使用 3.5mm 轉接頭或是裝置上的 3.5mm 接口接上即可使用

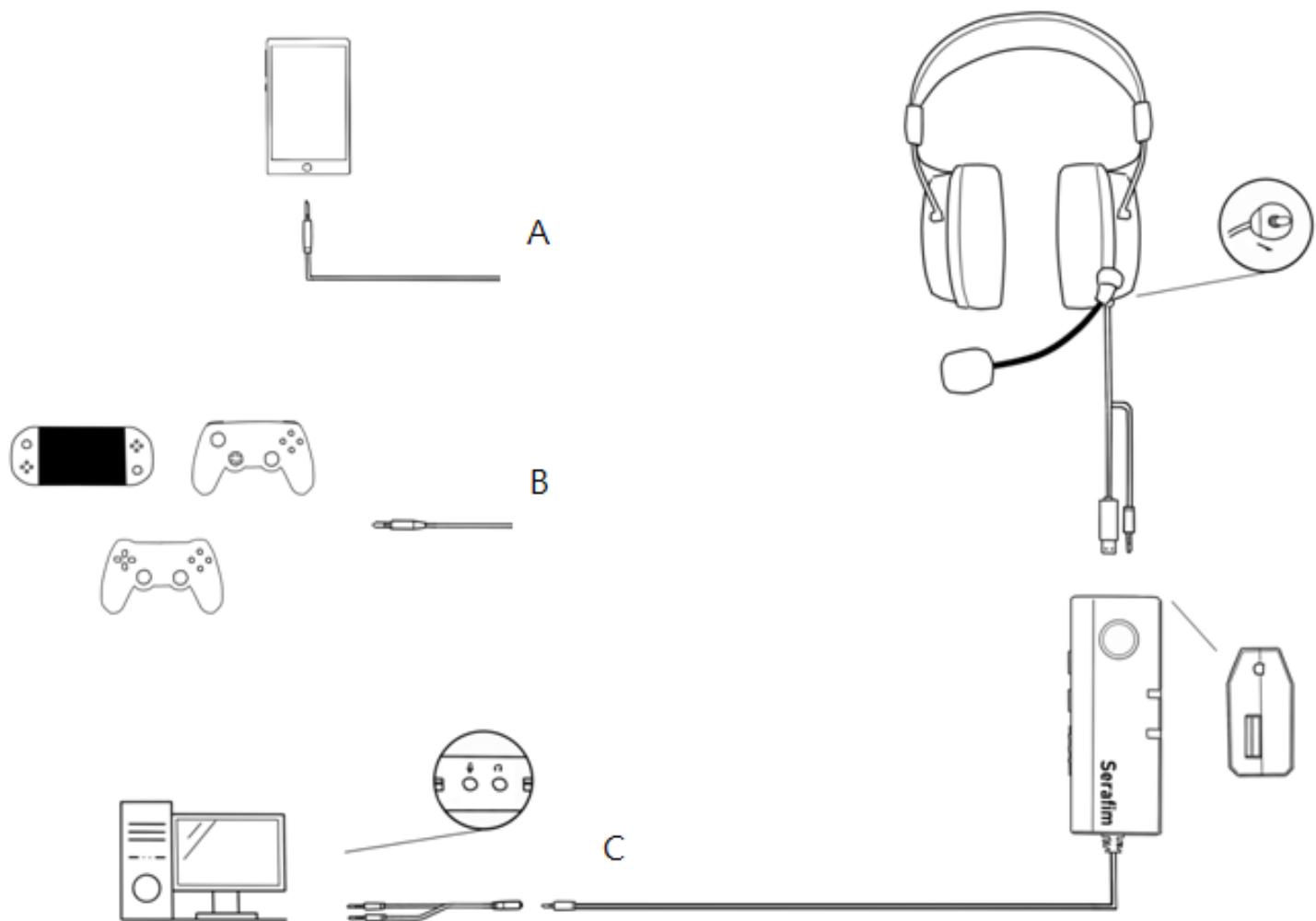
### B. Xbox one/Xbox series s/ Xbox series x

PlayStation 4/ PlayStation 5/ Nintendo Switch

使用 3.5mm 音源線接頭接上遊戲手把 3.5mm 接口即可使用

### C. PC/筆記型電腦/ Mac/Linux

使用內附的 1 分 2 音源線接上 3.5mm 接口或是直接使用 3.5mm 音源線接上即可使用



## Serafim Audio APP 功能介紹

Android / iOS



1. 手機至 Google Play/APP Store 下載安裝 Serafim Audio。
2. 開啟手機藍芽功能和 Serafim Audio Box 電源後點選 Serafim Audio 登入後會自動搜尋裝置配對。
3. 進入 Serafim Audio 後可開啟等化器可依需求調整 EQ 等化器參數，和 3D 與 BASS 功能。
4. 調整好等化器參數後按下“+”圖示可以輸入名稱以儲存當下的方案。在已儲存的方案名稱往左滑動可以刪除方案。



- Serafim Audio APP 設置的參數會依使用者在 Serafim Audio Box 上按鍵調整做變動
- 當 Serafim Audio APP 關閉時，Serafim Audio Box 會以最後 APP 調整的參數作定義

## 產品規格

### 耳機本體

驅動單體: 50MM 敷制  
 類型: 封閉式耳罩  
 頻率回應: 20Hz - 2000Hz  
 阻抗: 21Ω  
 聲壓級: 109dB SPL/mW (1kHz)  
 T.H.D.: < 15%  
 重量: 310 g  
 重量 ( 含麥克風 ): 320 g  
 線長: 耳機 ( 1 m )  
 接頭: 耳機 - 3.5mm 接頭 (4 段式) + USB

### 麥克風

組件: 駐極體電容式麥克風  
 指向性型式: 全指向, 非降噪  
 頻率回應: 100Hz-10000 Hz  
 感度: -42 ± 3dB  
 麥克風阻抗: 2.2kΩ

### Audio Box

電池容量: 550mAh  
 使用時間 ( 耳機 LED 關閉 ): 約 8hr\*  
 使用時間 ( 耳機 LED 開啟 ): 約 3hr\*  
 充電時間: 大約 3hr(0%-100%)  
 重量: 70 ± 2 g  
 線長: 1 m

\*使用時間會因使用者習慣或音量大小等因素而改變

## 注意事項

\*若在正確操作裝置方面遭遇問題, 且疑難排解並無幫助, 請拔下裝置並與我們得線上客服連絡, 或是前往 <https://serafim-tech.com/contact> 尋求支援。請勿在任何情況下嘗試自行拆解或維修此裝置, 否則保固將失效。

\*為了保持裝置的聲音品質, 在使用裝置且同時在充電時, 請勿以低電流電源充電, 如低電壓充電裝置、電腦 USB..etc

\*保持裝置遠離液體或任何潮濕環境。在理想溫度範圍 ( 0°C (32°F) 至 40°C (104°F) ) 內操作此裝置。如果溫度超出理想範圍, 請關此裝置, 直到 溫度回復至理想範圍。

\*切勿長期以過大音量使用, 否則可能損害你的聽力。此外, 部分國家/地區法律規定, 在對 聽力造成影響、音量達 86 分貝環境下, 每日不得待超過 8 小時。因此建議您如要長時間使用耳機, 盡可能將音量調低。請務必維護你的聽覺健康。

\*Audio Box 內建可充電式鋰電池。一般來說, 這種電池的使用壽命通常與使用習慣有關。如果你認為隨附的充電鋰電池電量已耗盡 ( 低電量 ), 請先嘗試充電。若經過多次嘗試仍無法順利充電, 電池可能已無法使用, 切勿自行拆解更換電池。

# NCC 使用警語

取得審驗證明之低功率射頻器材，非經核准，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。低功率射頻器材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。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材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。

\*減少電磁波影響，請妥善使用

## FCC

### Federal Communications Commission Statement

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the Federal Communications Commission (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 causes 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 doing one or more of the this manual 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

Any changes or modifications not expressly approved by the party responsible for compliance could void the user 's authority to operate the equipment. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC exposure compliance requirement, please follow operation instruction as documented

Product name		Product S/N	
Purchase date		Customer name	
Store name		Purchase amount	