

## Wireless Stereo Headset

## Беспроводная стереофоническая гарнитура

Reference Guide 參考指南	참고 설명서 參考指南
----------------------	-------------

https://rd1.sony.net/help/mdr/wisp510/h\_zz/



WI-SP510	<span></span>
----------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

### Precautions

**On splash proof performance of the unit**

- The splash proof specifications of this unit are equivalent to IPX5 in IEC 60529 "Degree of protection against ingress of water (IP Code)", which specifies the degree of protection provided against the entry of water. Unless the unit is used correctly, water may get into the unit and cause fire, electrocution, or malfunctions. Note the following cautions carefully and use the unit correctly.
  - IPX5: The unit will maintain its operability even when exposed to direct jet streams of water from any direction (except for the sound conduits (sound output tubes) of the headset). (Make sure that the USB Type-C port cover is closed securely when you use the unit.)
  - The sound conduits (sound output tubes) of the headset are not completely watertight.

**Liquids that the splash proof performance specifications apply to**

<b>Applicable:</b> Fresh water, tap water, perspiration
<b>Not applicable:</b> Liquids other than those above (examples: soapy water, detergent water, water with bath agents, shampoo, hot spring water, pool water, seawater, etc.)

**The splash proof performance of the unit is based on measurements performed by Sony under the conditions described above. Note that malfunctions resulting from water immersion caused by customer misuse are not covered by the warranty.**

- To maintain splash proof performance** Carefully note the precautions below to ensure proper use of the unit.
  - The USB Type-C port cover is important for maintaining splash proof performance. Make sure the USB Type-C port cover is closed securely when using the unit. If there is any foreign matter on the cover or it is not completely closed, the splash proof performance cannot be maintained. Water may get inside and cause the unit to malfunction.
  - Do not splash water forcibly into the sound output holes.
  - Do not drop the unit into water, and do not use underwater.
  - Do not allow the unit to remain wet in a cold environment, as the water may freeze. To prevent malfunction, make sure to wipe off any water after use.
  - Use a soft dry cloth to wipe off any water that gets on the unit. If water remains in the sound output holes, the sound may become muffled or completely inaudible. If this happens, remove the earbuds, position the sound output holes facing downward, and shake several times to get the water out (Fig. 1A).
  - If the unit is cracked or deformed, refrain from using the unit near water or contact your nearest Sony dealer.

**To maintain splash proof performance** Carefully note the precautions below to ensure proper use of the unit.

- The USB Type-C port cover is important for maintaining splash proof performance. Make sure the USB Type-C port cover is closed securely when using the unit. If there is any foreign matter on the cover or it is not completely closed, the splash proof performance cannot be maintained. Water may get inside and cause the unit to malfunction.
- Do not splash water forcibly into the sound output holes.
- Do not drop the unit into water, and do not use underwater.
- Do not allow the unit to remain wet in a cold environment, as the water may freeze. To prevent malfunction, make sure to wipe off any water after use.
- Use a soft dry cloth to wipe off any water that gets on the unit. If water remains in the sound output holes, the sound may become muffled or completely inaudible. If this happens, remove the earbuds, position the sound output holes facing downward, and shake several times to get the water out (Fig. 1A).
- If the unit is cracked or deformed, refrain from using the unit near water or contact your nearest Sony dealer.

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

**On BLUETOOTH™ communications**

- Bluetooth wireless technology operates within a range of about 10 m. The maximum communication distance may vary depending on the presence of obstacles (people, metal objects, walls, etc.) or the electromagnetic environment.
- Bluetooth communications may not be possible, or noise or audio dropout may occur under the following conditions:
  - When there is a person between the unit and the Bluetooth device. This situation may be improved by positioning the Bluetooth device so that it faces the antenna of the unit.
  - When there is an obstacle, such as a metal object or a wall, between the unit and the Bluetooth device.
  - When a Wi-Fi device or microwave oven is in use, or microwaves are emitted near the unit. Compared to use indoors, use outdoors is subjected little to signal reflection from walls, floors, and ceilings, which results in audio dropout occurring more frequently than use indoors.
  - The antenna is built into the unit as indicated by the dotted line in the illustration (Fig. 1B). The sensitivity of the Bluetooth communications can be improved by removing any obstacles between the connected Bluetooth device and the antenna of this unit.

Bluetooth and Wi-Fi (IEEE802.11b/g/n) devices use the same frequency (2.4 GHz, 2.412 GHz).

- Microwaves emitting from a Bluetooth device may affect the operation of electronic medical devices. Turn off this unit and other Bluetooth devices in the following locations, as it may cause an accident:
  - in hospitals, near priority seating in trains, locations where inflammable gas is present, near automatic doors, or near fire alarms.
- The audio playback function may be delayed from that on the transmitting device, due to the characteristics of Bluetooth wireless technology. As a result, the sound may not be in sync with the image when viewing movies or playing games.
- This product emits radio waves when used in wireless mode.

When used in wireless mode on an airplane, follow flight crew directions regarding permissible use of products in wireless mode.

- The unit supports security functions that comply with the Bluetooth standard as a means of ensuring security during communication using Bluetooth wireless technology. However, depending on the configured settings and other factors, this security may not be sufficient. Be careful when communicating using Bluetooth wireless technology.
- Sony shall assume no responsibility for any damages or loss resulting from information leaks that occur when using Bluetooth communications.
- Connection with all Bluetooth devices cannot be guaranteed.

Bluetooth devices connected with the unit must comply with the Bluetooth standard prescribed by Bluetooth SIG, Inc., and must be certified as compliant.

- Even when a connected device complies with the Bluetooth standard, there may be cases where the characteristics or specifications of the Bluetooth device make it unable to connect, or result in different control methods, display, or operation.
- When using the unit to perform hands-free talking on the phone, noise may occur depending on the connected device or the communication environment.

Depending on the device to be connected, it may require some time to start communications.

- If sound skips frequently during playback The situation may be improved by fixing the wireless playback quality settings or fixing the wireless playback mode to SBC on the transmitting device. For details, refer to the operating instructions supplied with the transmitting device.
- When listening to music from a smartphone, the situation may be improved by closing unnecessary apps or restarting the smartphone.

**On the use of calling apps for smartphones and computers**

- This unit supports non-call incoming calls only. Calling apps for smartphones and computers are not supported.

**On charging the unit**

- This unit can be charged using USB only. A computer with a USB port or a USB AC adaptor is required for charging.
- Be sure to use the supplied USB Type-C cable.
- When charging, the unit cannot be turned on and the Bluetooth function cannot be used.
- If the unit is not used for a long time, the rechargeable battery may become depleted quickly. The battery will be able to hold a longer charge after it is discharged and recharged several times. When storing the unit for a long time, charge the battery once every six months to prevent over-discharge.
- If the rechargeable battery becomes depleted extremely quickly, it should be replaced with a new one. Please contact your nearest Sony dealer for a battery replacement.
- Make sure to close the USB Type-C port cover securely after charging. Perspiration or water may cause damage (Fig. 1D).

**If the unit does not operate properly**

- Follow the procedure below to reset the unit (Fig. 1E).
  - Press  and  buttons simultaneously while the unit is charging. The unit is reset. When the unit is reset, the pairing information in the unit is not deleted.
  - If the problem persists even after the unit is reset, perform the procedure below to initialize the unit. Disconnect the USB Type-C cable and turn off the unit. Press and hold the  and  buttons simultaneously for at least 7 seconds. The indicator (blue) flashes 4 times, the unit is initialized, and the unit is reset to the factory settings. When the unit is initialized, all pairing information is deleted.
  - After the unit is initialized, it may not connect to your iPhone or computer. If this happens, delete the pairing information of the unit from the iPhone or computer, and then pair them again.

**Notes on wearing the unit**

- After use, remove the headphones slowly.
- Because the earbuds achieve a tight seal in the ears, forcibly pressing them in or quickly pulling them out can result in eardrum damage. When wearing the earbuds, the speaker diaphragm may produce a click sound. This is not a malfunction.

**Other notes**

- Do not subject the unit to excessive shock.
- The Bluetooth function may not work with a mobile phone, depending on the signal conditions and the surrounding environment.
- If you experience discomfort while using the unit, stop using it immediately.
- The earbuds may be damaged or deteriorate with long-term use and storage.
- If the earbuds become dirty, remove them from the case and gently wash them by hand using a neutral detergent. After cleaning, thoroughly wipe off any moisture.

**Cleaning the unit**

- When the outside of the unit is dirty, clean it by wiping with a soft dry cloth. If the unit is particularly dirty, soak a cloth in a dilute solution of neutral detergent, and wring it well before using. Do not use wiping. Do not use thinner, benzene, or alcohol, as they may damage the surface.
- If you have any questions or problems concerning this unit that are not covered in this information, please consult your nearest Sony dealer.

**Replacement parts: Low hybrid silicone eardrums, Airc supporters**
Please consult your nearest Sony dealer for information about replacement parts.

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

### 繁體中文

### 無線立體聲耳機

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者不得擅自更改頻率、加大功率或變更技術之使用方式。
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，並改善無干擾時方准繼續使用。
前項合法通信，指依規定程序作業之無線電通信。低功率射頻電機應遵守合法通信規定之工業、科學及醫療用電波辐射射電機設備之干擾。

請勿將本裝置安裝於密閉之空間內，例如書架或新建的牆面內。

請勿將電池（安裝的電池組電池）長時間暴露於過熱的環境下：例如日照、火爐，或其他類似的情況。

經測試，本設備符合EMC規定中使用3MHz以下之標準。

## 僅適用於台灣

## 廢電池請回收

請勿在大量濕氣、粉塵、煙塵或蒸氣的場所使用、儲存或放置在上述地點，或者放置在垃圾桶等處。例如，接近火源處，或室內受強光直射處等。高音量可能會影響您的聽力。

- If you experience discomfort while using the unit, stop using it immediately.
- The earbuds may be damaged or deteriorate with long-term use and storage.
- If the earbuds become dirty, remove them from the case and gently wash them by hand using a neutral detergent. After cleaning, thoroughly wipe off any moisture.

如果水或異物進入耳機，可能產生火灼或電擊。如果水或異物進入耳機，請立即停止使用，並向購機附近的Sony經銷商，請特別記得要選擇下列預防措施。

– 在水槽等物附近使用時，請小心勿使耳機插入裝有水的水槽或容器中。
– 在雨中或雪中使用，或在潮濕的地方使用時，請小心勿使耳機插入裝有水的槽或容器中。
關於連接耳機的行動電話或其他無線裝置接觸到人體所產生的影響，請參閱無線裝置的說明手冊。
請確認安裝耳塞，否則它們可能會分離而留在您的耳內，造成傷害或疾病。

- If you have any questions or problems concerning this unit that are not covered in this information, please consult your nearest Sony dealer.

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

### 預防措施

**關於本機的防護性能**

- 本機具備IPX5的防護規格，符合IEC 60529 “防水防護等級（IP代碼）”的防水防護等級。除非正確使用，否則本機可能進水，造成起火、觸電或故障。請注意以下注意事項，並正確使用本機。
- IPX5：本機即使在受到任何方向直接噴濺水的情況下，仍可保持運作（耳塞與發音管（聲音輸出管）除外）。
- （使用本機時，確定USB Type-C（連接埠蓋蓋塞。）
- 耳機發音管（聲音輸出管）並不完全防水。

**符合防護性能規格的液體**

<b>適用：</b> 淡水、自來水、汗水
<b>不適用：</b> 以上所列以外的其他液體（例如，肥皂水、含有消毒劑的溶液、含有沐浴劑的溶液、溶液、洗髮水、溫泉水、游泳池水、海水等）

**本機的防護性能是根據本機在上述情況下進行的水滲入測試而導致的結果，並在保證範圍內。**

- 保持防護性能** 請小心注意下列預防措施，以確保正確使用本機。
  - USB Type-C連接埠蓋對於防護性能很重要。使用本機時，確定USB Type-C連接埠蓋蓋緊。如果蓋子上有任何異物，或蓋子沒有完全關緊，就無法保持防護性能。水可能進入本機內部，並造成故障。
  - 請勿將液體輸出口用力過水。
  - 請勿將本機掉入水中，而且請勿在水中使用。
  - 請勿在潮濕的地方讓本機持續潮濕，否則水可能滲透本機。
  - 為了防止故障，使用後請將液體擦淨任何殘留。
  - 請以柔軟的乾布擦掉本機上的任何水。如果聲音輸出孔內有水，聲音可能會變模糊或完全沒有聲音。當這種情況發生時，請取出耳塞，將聲音輸出孔內的水輕輕擦淨排出（圖A）。
  - 本機與發音管（聲音輸出管）均無法防水或不具備防水功能，如圖中虛線所示（圖B）。移除連接的Bluetooth裝置與本機間的障礙物。
- Bluetooth與Wi-Fi（IEEE802.11b/g/n）裝置使用相同頻率（2.4 GHz）。在Wi-Fi裝置附近使用本機時，可能產生電磁干擾，導致噪聲、音訊失真，或無法連線。當這種情況發生時，請執行下列預防措施：
  - 在本機與Bluetooth裝置距離Wi-Fi裝置至少10 m時，在本機與Bluetooth裝置之間建立連線。
  - 在距離Wi-Fi裝置10 m內使用本機時，請關閉Wi-Fi裝置的電源。
  - 將本機與Bluetooth裝置儘量靠近彼此使用。
- Bluetooth裝置所放射的微波對人體電子醫療裝置的運作，為免發生意外，在下列位置請關閉本機與其他Bluetooth裝置。
  - 在醫院內，火車的醫療設備附近，有可燃性氣體的其他地方，自前門或火災警報器附近。
  - 由於Bluetooth無線技術的特性，本機的音訊播放可能易受於傳輸裝置。因此，在觀賞影片或遊戲時，聲音可能變弱。
  - 本產品以無線模式使用時會發射無線電波。
- USB Type-C™ and USB-C™ are registered trademarks of USB Implementers Forum.

**關於BLUETOOTH™通訊**

- Bluetooth無線技術的實際作用範圍約為10 m。最大通信距離可能隨環境而異（人、金屬物品、牆面等）或電磁環境不同而異。
- 在下列情況下，Bluetooth通訊也許不可行，或可能出現噪聲或音訊失真：
  - 本機和Bluetooth裝置之間有人時，可以將Bluetooth裝置朝向本機大端置放，以改善此狀況。
  - 本機和Bluetooth裝置之間有障礙物，例如金屬物品或玻璃時。
  - Wi-Fi裝置或微波爐在使用中，或本機附近有微波放射時。
  - 相較於室內使用，戶外使用可能會削弱發音設備、地板和天花板等的訊號反射，使音訊丟失的狀況在室內使用時較多。
  - 天氣內建條件時，如雨中或霧中時。
  - 在Wi-Fi裝置附近，Wi-Fi裝置的無線電波（圖B），移除連接的Bluetooth裝置與本機間的任何障礙物，可能改善Bluetooth通訊的品質。

Bluetooth and Wi-Fi (IEEE802.11b/g/n) devices use the same frequency (2.4 GHz, 2.412 GHz).

- Microwaves emitting from a Bluetooth device may affect the operation of electronic medical devices. Turn off this unit and other Bluetooth devices in the following locations, as it may cause an accident:
  - in hospitals, near priority seating in trains, locations where inflammable gas is present, near automatic doors, or near fire alarms.
- The audio playback function may be delayed from that on the transmitting device, due to the characteristics of Bluetooth wireless technology. As a result, the sound may not be in sync with the image when viewing movies or playing games.
- This product emits radio waves when used in wireless mode.

When used in wireless mode on an airplane, follow flight crew directions regarding permissible use of products in wireless mode.

- The unit supports security functions that comply with the Bluetooth standard as a means of ensuring security during communication using Bluetooth wireless technology. However, depending on the configured settings and other factors, this security may not be sufficient. Be careful when communicating using Bluetooth wireless technology.
- Sony shall assume no responsibility for any damages or loss resulting from information leaks that occur when using Bluetooth communications.
- Connection with all Bluetooth devices cannot be guaranteed.

Bluetooth devices connected with the unit must comply with the Bluetooth standard prescribed by Bluetooth SIG, Inc., and must be certified as compliant.

- Even when a connected device complies with the Bluetooth standard, there may be cases where the characteristics or specifications of the Bluetooth device make it unable to connect, or result in different control methods, display, or operation.
- When using the unit to perform hands-free talking on the phone, noise may occur depending on the connected device or the communication environment.

Depending on the device to be connected, it may require some time to start communications.

- If sound skips frequently during playback The situation may be improved by fixing the wireless playback quality settings or fixing the wireless playback mode to SBC on the transmitting device. For details, refer to the operating instructions supplied with the transmitting device.
- When listening to music from a smartphone, the situation may be improved by closing unnecessary apps or restarting the smartphone.

**On the use of calling apps for smartphones and computers**

- This unit supports non-call incoming calls only. Calling apps for smartphones and computers are not supported.

**On charging the unit**

- This unit can be charged using USB only. A computer with a USB port or a USB AC adaptor is required for charging.
- Be sure to use the supplied USB Type-C cable.
- When charging, the unit cannot be turned on and the Bluetooth function cannot be used.
- If the unit is not used for a long time, the rechargeable battery may become depleted quickly. The battery will be able to hold a longer charge after it is discharged and recharged several times. When storing the unit for a long time, charge the battery once every six months to prevent over-discharge.
- If the rechargeable battery becomes depleted extremely quickly, it should be replaced with a new one. Please contact your nearest Sony dealer for a battery replacement.
- Make sure to close the USB Type-C port cover securely after charging. Perspiration or water may cause damage (Fig. 1D).

### 如果本機的運作不正常

請按照下列程序以重設本機（圖D）。
– 在本機充滿時，同時按下和按鈕。本機會重設。本機重設後，不會刪除本機內部的配對資訊。
– 如果本機重設後問題仍然存在，請執行下列程序以初始化本機。
– 拆下USB Type-C連接線，並關閉本機電源。同時按住和按鈕至少7秒。指示燈（藍色）會閃爍4次。本機初始化，接著本機會自動重設為廠設狀態。初始化本機時，所有的配對資訊將被刪除。
– 本機初始化後，可能無法連接iPhone或電腦。當這種情況發生時，請關閉iPhone或電腦中的本機配對資訊，然後重新配對它們。

**配戴本機的注意事項**

- 使用後請確保取下耳機。
- 因為耳機耳塞內有密封膠封裝，如果將它們用力插入，或快速將它們拉出，可能會損傷耳膜。戴耳塞時，握著塑膠片可能會發出喀喀聲。這不是故障。

**其他注意事項**

- 請勿讓本機承受過度撞擊。
- 根據狀況與周圍環境而定，Bluetooth功能可能無法配合手機運作。
- 如果您在使用本機後發生不適，請立即停止使用本機。
- 耳塞可能會因長期時間的使用與存放而損壞或劣化。
- 如果雙耳塞變滑，請從本機上取下來，再以中性清潔劑用布輕輕清洗，清潔後請徹底擦掉任何濕氣。

**清潔本機**

- 本機外部殼體時，請用柔軟的乾布擦拭清潔。如果本機特別髒，請將布浸入稀薄的中性清潔劑溶液中，充分攪拌後擦拭。請勿使用稀釋劑、苯或酒精等清潔劑，否則可能會損壞表面。
- 如果您有任何關於本機疑難雜症的問題請參閱說明書中並未提及，請向購機附近的Sony經銷商。

替換零件：長型混合橡膠耳塞、磁形充電器。
請參閱說明書，請洽購機附近的Sony經銷商。

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>	<span></span>
---------------	---------------

<span></span>
---------------

