

SONY

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Personal Audio System

Reference Guide

參考指南

دليل مرجعي



SRS-XB2

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English	Personal Audio System
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Before operating the system, please read this guide thoroughly and retain it for future reference.

WARNING

To reduce the risk of fire or electric shock, do not expose the USB AC adaptor to rain or moisture.

To reduce the risk of fire, do not cover the ventilation opening of the appliance with newspapers, tablecloths, curtains, etc.

Do not expose the appliance to naked flame sources (for example, lighted candles).

To reduce the risk of fire or electric shock, do not expose the USB AC adaptor to dripping or splashing, and do not place objects filled with liquids, such as vases, on the USB AC adaptor.

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time.

As the main plug of the USB AC adaptor is used to disconnect the USB AC adaptor from the mains, connect it to an easily accessible AC outlet. Should you notice an abnormality in it, disconnect it from AC outlet immediately.

The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.

If your skin touches the USB AC adaptor or this product for a long time when the power is on, it may cause a low temperature injury.

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Precautions

Note when using with a mobile phone

- For details on operation of your mobile phone when receiving a telephone call while transmitting the sound using the BLUETOOTH connection, refer to the operating instructions supplied with the mobile phone.

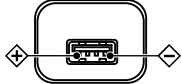
On safety

- The nameplate and important information concerning safety are located on the bottom exterior of the main unit and on the surface of the USB AC adaptor.
- Before operating the system, be sure that the operating voltage of the system is identical with that of your local power supply.

Where purchased	Operating voltage
All countries/regions	100 V – 240 V AC, 50 Hz/60 Hz

Notes on the USB AC adaptor

- When connecting or disconnecting the USB AC adaptor, turn off the system beforehand. Otherwise, it may cause malfunction.
- Use only the supplied USB AC adaptor and micro-USB cable. To avoid damaging the system, do not use any other USB AC adaptor.



Polarity of the USB port of the USB AC adaptor

- Plug the USB AC adaptor into a nearby wall outlet (mains). In the case of a problem, unplug it from the wall outlet (mains) immediately.
- Do not install the USB AC adaptor in a confined space, such as a bookcase or built-in cabinet.
- To reduce the risk of fire or electric shock, do not expose the USB AC adaptor to dripping or splashing, and do not place objects filled with liquids, such as vases, on the USB AC adaptor.

On placement

- Do not set the speaker in an inclined position.
- Do not leave the system in a location near heat sources, or in a place subject to direct sunlight, excessive dust, moisture, rain or mechanical shock.

On operation

- Do not insert any small objects, etc. into the jacks or ventilation hole on the rear of the system. The system may short out or malfunction.

On cleaning

- Do not use alcohol, benzine, or thinner to clean the cabinet.

Others

- Two units are required when using the Speaker Add function. Only the SBC codec is supported while using the Speaker Add function.
- If you have any questions or problems concerning this system that are not covered in this manual, please consult your nearest Sony dealer.

On Copyrights

- LDAC™ and LDAC logo are trademarks of Sony Corporation.
- The BLUETOOTH® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Sony Corporation is under license.
- The N Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries.
- Other trademarks and trade names are those of their respective owners.

Notes on water resistant feature (Read before using the system)

Water resistant performance of the system

This system has a water resistant specification^{*1,*2} of IPX5^{*3} as specified in “Degrees of protection against ingress of water” of the IEC60529 “Ingress Protection Rating (IP Code).” However, this system is not completely water-tight.

Do not drop the system into hot water in a bathtub or purposely use it in water. Depending on usage, water entering the system may cause fire, electric shock or malfunction.

Use the system with full understanding of the following.

Liquids that the water resistant performance specifications apply to

Applicable :	fresh water, tap water, sweat
Not applicable :	liquids other than the above (soapy water, water with detergent or bath agents, shampoo, hot spring water, hot water, pool water, seawater, etc.)

^{*1} Requires that the cap is fastened securely.

^{*2} The supplied accessories are not water resistant.

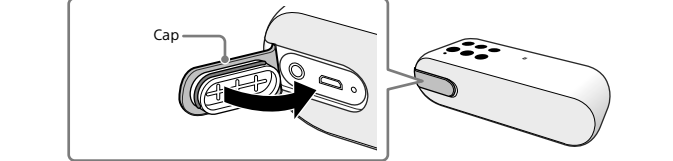
^{*3} IPX5 (Degree of protection against jets of water): The system has been tested and found to remain functional after exposure to direct jet streams of water using a nozzle of 6.3 mm internal diameter from any direction where approximately 12.5 L/ min of water is applied for a period of more than 3 minutes from a distance of about 3 meters.

The water resistant performance of the system is based on our measurements under the conditions herein described. Note that malfunctions as a result of water immersion caused by misuse by the customer are not covered by the warranty.

To avoid the deterioration of the water resistant performance

Check the following and use the system correctly.

- Do not use or leave the system in an extremely hot or cold environment (temperature outside the range of 5 °C – 35 °C). If the system is used or left in outside the above range, the system may automatically stop to protect internal circuitry.
- Be careful not to drop the system or subject it to mechanical shock. Deformation or damage may cause deterioration of the water resistant performance.
- Do not use the system in a location where large amount of water or hot water may splash on it. The system does not have a design that is resistant to water pressure. Use of the system in the above location may cause a malfunction.
- Do not pour high-temperature water or blow hot air from a hair dryer or any other appliance on the system directly. Also, never use the system in high temperature locations such as in saunas or near a stove.
- Handle the cap with care. The cap plays a very important role in maintenance of the water resistant performance. When using the system, make sure that the cap is closed completely. When closing the cap, be careful not to allow foreign objects inside. If the cap is not closed completely the water resistant performance may deteriorate and may cause a malfunction of the system as a result of water entering the system.



How to care for the system when wet

If the system gets wet, first remove the water from the system, and then wipe off the moisture on the system using a soft, dry cloth. Especially in cold regions, leaving moisture on its surface may cause the system to freeze and malfunction. Be sure to wipe off the moisture after using the system.

Put the system on towel or dry cloth. Then leave it at room temperature and dry the system until no moisture remains.

Specifications

Speaker section

Speaker system	Approx. 42 mm dia. × 2
Enclosure type	Passive radiator model

BLUETOOTH

Communication System	BLUETOOTH Specification version 3.0
Output	BLUETOOTH Specification Power Class 2
Maximum communication range	Line of sight approx. 10 m ^{*1}
Frequency band	2.4 GHz band (2.4000 GHz - 2.4835 GHz)
Modulation method	FHSS
Compatible BLUETOOTH Profiles ^{*2}	A2DP (Advanced Audio Distribution Profile) AVRCP (Audio Video Remote Control Profile) HSP (Headset Profile) HFP (Hands-free Profile)
Supported Codec ^{*3}	SBC ^{*4} , AAC ^{*5} , LDAC ^{*6}
Transmission range (A2DP)	20 Hz - 20,000 Hz (Sampling frequency 44.1 kHz)

^{*1} The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, aerial’s performance, operating system, software application, etc.

^{*2} BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication between devices.

^{*3} Codec: Audio signal compression and conversion format

^{*4} Subband Codec

^{*5} Advanced Audio Coding

^{*6} LDAC is an audio coding technology developed by Sony that enables the transmission of High-Resolution (Hi-Res) Audio content, even over a BLUETOOTH connection. Unlike other BLUETOOTH compatible coding technologies such as SBC, it operates without any down-conversion of the Hi-Res Audio content^{*7}, and allows approximately three times more data^{*8} than those other technologies to be transmitted over a BLUETOOTH wireless network with unprecedented sound quality, by means of efficient coding and optimized packetization.

^{*7} Excluding DSD format contents.

^{*8} In comparison with SBC (Subband Coding) when the bitrate of 990 kbps (96/48 kHz) or 909 kbps (88.2/44.1 kHz) is selected.

Microphone

Type	Electret condenser
Directional characteristic	Omni directional
Effective frequency range	100 Hz - 7,000 Hz

General

Input	AUDIO IN jack (ø 3.5 mm stereo mini jack)
Power	DC 5 V (using the supplied USB AC adaptor connected to AC 100 V - 240 V, 50 Hz/60 Hz power supply) or, using built-in lithium-ion battery

Usage life of lithium-ion battery (using the BLUETOOTH connection)
Approx. 12 hours^{*9}

Dimensions (including projecting parts and controls)
Approx. 191 mm × 62 mm × 65 mm (w/h/d)

Mass	Approx. 480 g including battery
Supplied accessories	USB AC adaptor (1) Plug (3) ^{*10} Micro-USB cable (1) Operating Instructions (1) Reference Guide (this document) (1)

^{*9} When the specified music source is used and the volume level of the unit is set to 10. If the volume level of the unit is set to maximum, the usage life will be approx. 3 hours. Time may vary, depending on the temperature or conditions of use.

^{*10} Attach a plug to the USB AC adaptor before use. If multiple plugs are included, use one which is appropriate to your country/region. Be sure to completely insert the plug into the USB AC adaptor until it clicks.

Design and specifications are subject to change without notice.

中文(繁體字)	個人音響系統（無線喇叭）
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操作系統之前，請仔細閱讀本指南，並妥善保存以供日後參考之用。

警告

為降低火災或電擊的風險，請勿將USB AC變壓器暴露於雨水或濕氣中。

為了降低發生火災的風險，請勿以報紙、桌巾、窗簾等物遮蓋裝置的通風口。請勿使裝置暴露於裸火焰來源（例如，點亮的蠟燭）。

為降低火災或電擊的風險，請勿將USB AC變壓器暴露於滴下或噴濺的液體中，而且不要將裝有液體的物品，例如花瓶，置於USB AC變壓器上。

請勿將本裝置安裝在書櫥或壁櫥等狹窄封閉處。

請勿將電池（電池組或裝好的電池）長時間暴露於高熱之下，例如陽光、火等。

由於USB AC變壓器的電源插頭是用來斷開USB AC變壓器與電源插座的，因此請將它連接至便於插拔的交流電源插座。一旦發現本機有異常情況，請立即斷開它與交流電源插座的連接。

只要本機仍連接於牆壁電源插座，即使本機已關機，本機仍未斷開它與交流電源的連接。

如果電源開啟時，您的皮膚長時間接觸到USB AC變壓器或本產品，則可能會造成低溫燙傷。

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。



廢電池請回收
僅適用於台灣

產品名稱：個人音響系統（無線喇叭）
型號：SRS-XB2
額定電壓：DC5V/輸入電流：1.5A
機器號碼：如機體上標示
產地：中國大陸
製造廠商：SONY CORPORATION
進口商：台灣索尼股份有限公司
地址：104台北市長春路145號5樓
電話：4499111

警語：請勿拆解

注意事項

以行動電話使用時的注意事項

- 關於以BLUETOOTH連線傳送聲音時要接聽來電的行動電話操作細節，請參閱行動電話隨附的使用說明書。

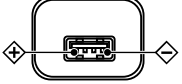
安全注意事項

- 關於安全性的銘牌和重要資訊位於主機的底部外殼，以及USB AC變壓器的表面上。
- 在操作系統之前，請確認系統的工作電壓與當地供壓的電力相同。

購買地	工作電壓
所有國家/地區	100 V – 240 V AC, 50 Hz/60 Hz

USB AC變壓器的注意事項

- 連接或斷開USB AC變壓器時，請先關閉系統電源。否則可能造成故障。
- 僅能使用隨附的USB AC變壓器和微型USB纜線。為避免損壞系統，請勿使用任何其他USB AC變壓器。



USB AC變壓器的USB埠極性

- 將USB AC變壓器插入附近的牆壁電源插座。如果發生問題，請立即將它從牆壁電源插座中拔出。
- 請勿將USB AC變壓器安裝在書櫥或壁櫥等狹窄封閉處。
- 為了降低發生火災或觸電的風險，請勿使USB AC變壓器暴露在容易遭受液體濺瀉的環境中，亦請避免將花瓶等盛有液體的物體放置在USB AC變壓器上。

放置注意事項

- 請勿以傾斜的方式放置喇叭。
- 請勿將系統放置在鄰近熱源的位置，或放置在陽光直射、充滿灰塵、潮濕、雨滴濺灑或受到機械衝擊的位置。

操作注意事項

- 請勿將細小的物體等插入系統背面的插孔或通風孔。如此會導致系統短路或發生故障。

清潔注意事項

- 請勿使用酒精、汽油或稀釋劑來清潔外殼。

其他

- 使用揚聲器新增功能時，需要兩部裝置。使用揚聲器新增功能時，僅支援SBC轉碼器。
- 如有本說明書未記載的系統問題，請洽詢鄰近的Sony經銷商。

