

Wireless Speaker Reference Guide

参考指南



SRS-XB10

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English Wireless Speaker

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

WARNING

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). 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. The nameplate and important information concerning safety are located on the bottom exterior of the main unit.

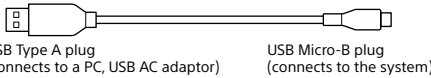
CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Precautions

On safety
• Before operating the system, be sure that the operating voltage of the system is identical with that of your local power supply.

About micro-USB cables
• To charge, use a micro-USB cable and connect the system to:
– an AC outlet by using a commercially-available USB AC adaptor (5 V, at least 0.5 A).
– a USB port of a computer.
• Make sure to use the following supplied micro-USB cable.



On placement
• Do not set the speaker in an inclined location.
• Do not leave the system in a location near heat sources, in a place subject to direct sunlight, excessive dust, moisture, rain, or mechanical shock, or in a car with its windows closed.
• Do not leave any objects susceptible to magnetism (cash cards, floppy disks with magnetic coding, etc.) near the system.

On cleaning
• Do not use alcohol, benzene, or thinner to clean the cabinet.

Others
• Even if you do not intend to use the system for a long time, charge the battery to its full capacity once every 6 months to maintain its performance.
• If the system is not used for a long time, it may take longer to charge the battery.

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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.

Liquids that the water resistant performance specifications apply to

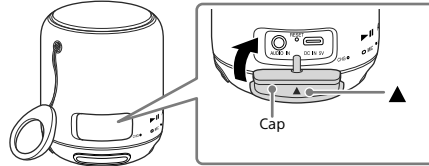
Applicable :	fresh water, tap water
Not applicable :	liquids other than the above (soapy water, water with detergent or bath agents, shampoo, hot spring water, pool water, seawater, etc.)

*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): For details, refer to Help Guide.

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. Mark is on the upper side of the cap. 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. 46 mm dia.
Enclosure type	Built-in passive radiator
BLUETOOTH	
Communication System	
	BLUETOOTH Specification version 4.2
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	AAC*4, SBC*5
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 Advanced Audio Coding
*5 Subband Codec

Microphone	
Type	Electret condenser
Directional characteristic	Omni directional
Effective frequency range	200 Hz - 4,000 Hz

General	
Input	AUDIO IN jack (ø 3.5 mm stereo mini jack)
Power	DC 3.7 V (using the built-in lithium-ion battery), DC 5 V 0.5 A (using the USB power supply)
Usage life of lithium-ion battery (using the BLUETOOTH connection)	Approx. 16 hours*6
Operating temperature	5 °C to 35 °C
Dimensions (including projecting parts and controls)	Approx. 75 mm dia. x 91 mm (H)
Mass	Approx. 260 g including battery
Supplied accessories	Micro-USB cable (1) Strap (1) (attached to the unit) Operating Instructions (1) Reference Guide (this document) (1) Warranty card (1)

*6 When the specific 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. 5 hours. Time may vary, depending on the temperature or conditions of use.

Design and specifications are subject to change without notice.

简体中文 无线扬声器

使用产品前请仔细阅读本参考指南，并请妥善保管。

警告

为降低火灾风险，请勿用报纸、桌布、窗帘等盖住本装置的通风口。请勿让本装置暴露于明火源（例如，点燃的蜡烛）。请勿将设备安装在狭窄的空间内，如书柜或壁橱。请勿将电池（电池组或已安装的电池）长时间放置在阳光、火等过热环境中。铭牌和有关安全的重要信息位于主机底部外表面上。

小心

请注意，本手册中未明确认可的任何变更或改装可能会造成用户无法操作本设备。不得擅自更改发射频率，加大发射功率（包括额外加装射频功率放大器），不得擅自外接天线或改用其它发射天线。使用时不得对各种合法的无线电通信业务产生有害干扰；一旦发现有害干扰现象时，应立即停止使用，并采取措施消除干扰后方可继续使用。使用微功率无线电设备，必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰。不得在飞机和机场附近使用。

当电源开启/关闭时，BLUETOOTH功能也会开启/关闭。

注意

锂电池用户不可自行更换，如电池损坏需要更换，请联系专业人员。也可以连接适用本型号的Sony USB充电交流电源适配器（另购）对电池进行充电。

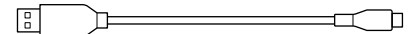
注意事项

关于安全

• 操作本设备之前，请确保设备的工作电压与当地电源的电压相同。

关于微型USB电缆

- 若要充电，请使用微型USB电缆并将设备连接到以下装置：
– 使用市售USB交流电源适配器（5 V，至少0.5 A）连接到交流电源插座。
– 电脑的USB端口。
- 确保使用以下附送的微型USB电缆。



USB A型插头 (连接到PC、USB交流电源适配器)
USB微型B插头 (连接到本设备)

关于放置

- 请勿将扬声器放置于倾斜位置。
- 请勿将本设备置于热源附近或暴露于直射阳光、多尘、潮湿、下雨或受机械冲击的地方，或车窗关闭的车内。
- 请勿将任何磁性物体（现金卡、带磁性编码的软盘等）放在本设备附近。

关于清洁

- 请勿使用酒精、汽油或稀释剂清洁外壳。

其他

- 即使您不打算长时间使用本设备，也请每6个月将电池充满电一次，以保持其性能。
- 如果长时间未使用本设备，可能需要较长时间才能使电池充满电。

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有关防水功能的注意事项 (阅读后再使用本设备)

本设备的防水性能

本设备具有IEC60529“进入防护等级(IP代码)”的“浸水防护程度”中指定的IPX5*3防水规格*1、*2。但是,本设备并非完全防水。请勿使本设备掉入浴缸的热水中或特意在水中使用。

防水规格适用的液体

适用:	淡水、自来水
不适用:	上述以外的液体(肥皂水、含有洗涤剂或沐浴露的水、洗发水、温泉水、池水、海水等)

*1 要求紧固保护盖。

*2 附件不防水。

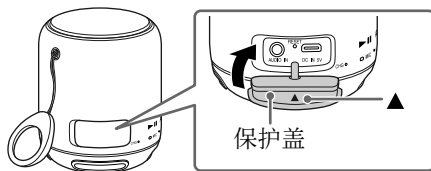
*3 IPX5(喷水防护程度): 详情请参阅帮助指南。

本设备的防水性能基于上述条件下的测量情况。请注意,由于客户使用不当而造成的浸水故障不在保修范围内。

为了避免防水性能下降

检查以下事项并正确使用本设备。

- 请勿将本设备置于极热或极冷的环境中(温度超过5℃ - 35℃范围)。如果在上述范围以外使用或放置本设备,本设备可能会自动停止以保护内部电路。
- 小心不要使本设备掉落或受到机械震动。变形或损坏可能会造成防水性能下降。
- 请勿在可能会溅到大量水或热水的地方使用本设备。本设备不具备抗水压设计。在上述地点使用本设备可能会造成故障。
- 请勿将热水直接倒在本设备上,或从吹风机或其他装置对本设备直接吹热风。此外,切勿在桑拿室或靠近火炉等的高温场所使用本设备。
- 小心操作保护盖。保护盖对于防水性能的维护起到重要作用。使用本设备时,确保保护盖完全关闭。关闭保护盖时,小心不要让异物进入。标记位于保护盖上侧。如果保护盖未完全关闭,防水性能可能会下降且可能会因水进入本设备而导致本设备故障。



弄湿后如何维护本设备

如果弄湿本设备,请先擦去设备上的水,然后使用柔软干布擦干设备。特别是在寒冷地区,设备表面受潮可能会造成冻结和故障。使用设备后,确保擦干。将设备放在毛巾或干布上。然后置于室温并使其干燥,直至没有残留任何水分。

规格

扬声器部分

扬声器系统 直径约46 mm
音箱类型 内置无源辐射器

BLUETOOTH

通信系统 BLUETOOTH规格版本4.2
输出 BLUETOOTH规格Power Class 2
最大通信范围 直视距离约10 m*1
频率波段 2.4 GHz波段(2.4000 GHz - 2.4835 GHz)

调制方式 FHSS
兼容的BLUETOOTH配置协议*2
A2DP(高级音频发送配置协议)
AVRCP(音频视频遥控配置协议)
HSP(耳机配置协议)
HFP(免提配置协议)

支持的编解码器*3
AAC*4, SBC*5

传送范围(A2DP)
20 Hz - 20000 Hz(采样频率
44.1 kHz)

*1 实际范围将视设备之间的障碍物、微波炉周围的磁场、静电、接收灵敏度、天线性能、操作系统、软件应用程序等因素而变化。

*2 BLUETOOTH标准配置协议是指设备之间BLUETOOTH通信的目的。

*3 编解码器: 音频信号压缩和转换格式

*4 高级音频编码

*5 子频带编解码器

频率范围: 2400~2483.5 MHz

发射功率: ≤20 dBm(EIRP)

频率容限: ≤20 ppm

麦克风

类型 驻极体电容式

方位特性 全方位

有效频率范围 200 Hz - 4000 Hz

锂离子电池

型号 SF-08
额定容量 1400 mAh
充电限制电压 4.2 V

一般

输入 AUDIO IN插孔
(φ3.5 mm立体声迷你插孔)
电源 DC 3.7 V
(使用内置锂离子电池),
DC 5 V 0.5 A
(市售USB交流电源适配器)

额定电流消耗 0.5 A

锂离子电池的使用时间(使用BLUETOOTH连接)

约16小时*6

工作温度 5℃至35℃

尺寸(含突起部分和控制按钮)
约75 mm直径 × 91 mm(高)

质量 约260 g, 包括电池

附件 微型USB电缆(1)
挂绳(1)(已安装至本设备)
使用说明书(1)
参考指南(本文档)(1)
保修卡(1)

*6 当使用特定音乐来源且本设备音量设定为10时。如果本设备音量设定为最大,使用时间将约为5小时。时间可能因温度或使用条件而异。

设计和规格若有变更,恕不另行通知。

产品名称: 无线扬声器
产品型号: SRS-XB10
制造商: 索尼公司
地址: 日本国东京都港区港南1-7-1
总经销商: 索尼(中国)有限公司
地址: 北京市朝阳区太阳宫中路12号楼
冠城大厦701
原产地: 中国

产品中有害物质的名称及含量



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)
内置线路板	×	○	○	○	○	○
外壳	×	○	○	○	○	○
扬声器	×	○	○	○	○	○
附件	×	○	○	○	○	○

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