

# Wireless Speaker

## Reference Guide

SRS-XB13



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English

Wireless Speaker

Before operating the unit, please read this guide thoroughly and retain it for future reference. Please access the following URL and read the contents of the END USER LICENSE AGREEMENT.  
<https://rd1.sony.net/help/speaker/el21/en2/>

### CAUTION

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. Do not subject the batteries to extreme low temperature conditions that may result in overheating and thermal runaway. Do not dismantle, open or shred secondary cells or batteries. In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice. Secondary cells and batteries need to be charged before use. Always use the correct charger and refer to the manufacturer's instructions or equipment manual for proper charging instructions. After extended periods of storage, it may be necessary to charge and discharge the cells or batteries several times to obtain maximum performance. Dispose of properly.

### Do not place this product close to medical devices

This product (including accessories) has magnet(s) which may interfere with pacemakers, programmable shunt valves for hydrocephalus treatment, or other medical devices. Do not place this product close to persons who use such medical devices. Consult your doctor before using this product if you use any such medical device.

This equipment has been tested and found to comply with the limits set out in the EMC regulation using a connection cable shorter than 3 meters.



**Caution on charging**



Inserting the USB plug while it is wet may cause a short circuit due to foreign matter or liquid (tap water, salt water, soft drinks, etc.) getting on the main unit or charging cable. This may cause malfunctions or abnormal overheating.

**Never insert the USB plug while the main unit or charging cable is wet.**

## Precautions

### On safety

- Important information such as the model name is located on the bottom of the unit.

### On placement

- To eliminate the risk of malfunctions, avoid the following locations when placing or leaving this unit.
  - A place subject to high temperatures, such as under direct sunlight or lighting equipment, near a heat source, or in a sauna
  - Inside a vehicle with the windows closed (especially in summertime)
  - A place subject to excessive dust
  - A place subject to strong vibration
- Place this unit on a flat, level surface. When placed on a sloped surface, the unit may fall over or fall off the surface due to its own vibration, resulting in injuries, malfunctions, or performance degradation.
- Depending on the conditions where this unit is placed, it may fall over or fall off the surface. Do not leave any valuables near the unit.
- This unit is not anti-magnetic. Keep objects susceptible to magnetism (recorded tapes, watches, cash cards and credit cards with magnetic coding, etc.) away from the unit. When you carry around the unit, keep this in mind as well.

### Others

- Do not use or leave the unit in an extremely cold or hot environment (temperature outside the range of 5 °C – 35 °C). If the unit is used or left in outside the above range, the unit may automatically stop to protect internal circuitry.
- At high temperature, the charging may stop or the volume may reduce to protect the battery.
- Even if you do not intend to use the unit for a long time, change the battery to its full capacity once every 6 months to maintain its performance.

### On Copyrights

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- Other trademarks and trade names are those of their respective owners.
- ™ and ® marks are omitted in the documents.

## Notes on waterproof and dustproof features (Read before using the unit)

### Waterproof and dustproof performance of the unit

The unit, with the cap closed securely, has a waterproof specification of IPX7\*1 as specified in "Degree of protection against water immersion" of the IEC60529 "Ingress Protection Rating (IP Code)"\*3, and a dustproof specification of IP6X\*2 as specified in "Degrees of protection against solid foreign objects"\*3.

### Liquids that the waterproof performance specifications apply to

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

\*1 IPX7 (Degree of protection against water immersion): For details, refer to the Help Guide.

\*2 IP6X (Degrees of protection against dust): For details, refer to the Help Guide.

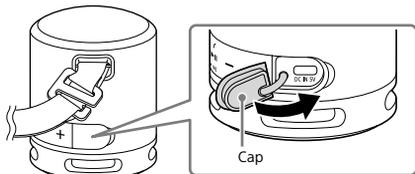
\*3 The supplied accessories and the connectors of this unit (USB) are neither waterproof nor dustproof. To reduce the risk of fire or electric shocks, do not expose the unit to water or droplets while using either or both of the connectors (USB). Do not place a vase or any other liquid-filled container on the unit.

The waterproof and dustproof performance of the unit is based on our measurements under the conditions herein described. Note that malfunctions as a result of water immersion or dust intrusion caused by misuse by the customer are not covered by the warranty.

## To avoid the deterioration of waterproof and dustproof performance

Check the following and use the unit correctly.

- This unit does not have a design that is resistant to water pressure. Use of the unit in a location where high water pressure is applied, such as in the shower, may cause a malfunction.
- Do not pour high-temperature water or blow hot air from a hair dryer or any other appliance on the unit directly. Also never use the unit in a place subject to high temperatures, such as in a sauna or near a heat source.
- Handle the cap with care. The cap plays a very important role in maintenance of the waterproof and dustproof performance. When using the unit, 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 waterproof and dustproof performance may deteriorate and may cause a malfunction of the unit as a result of water or dust particles entering the unit.



## How to care for the unit

You can use the unit more comfortably and for a longer period of time by following the maintenance procedure below.

- If the surface of the unit gets dirty in the following cases, wash the unit with fresh water (tap water, etc.) promptly to remove the dirt. Leaving dirt on its surface may cause the surface to discolor or deteriorate, or the unit to malfunction.

Ex.

- When the unit has sand, salt (chlorine), or other residue on it after having been used in a mountain area, by a swimming pool, etc.
- When the unit is stained with foreign substances (sunscreen, suntan oil, etc.)
- If the unit gets wet, wipe off the moisture using a dry soft cloth immediately. In addition, dry the unit in an airy place until no moisture remains.
- The sound quality may change if water enters the speaker component of the unit. This, however, does not indicate a malfunction. Wipe the moisture off the unit surface, and leave the unit on a dry soft cloth with its surface with the speaker component facing down to let the water out from inside the unit. Then, dry the unit in an airy place until no moisture remains.

## Note

- If the surface of the unit gets dirty, do not use detergent, thinner, benzene, alcohol, etc. to clean the unit because it will affect the water repellent function of the unit.
- Especially in cold regions, be sure to wipe off the moisture after using the unit. Leaving moisture on its surface may cause the unit to freeze and malfunction.

## Notes on the License

This product contains software that Sony uses under a licensing agreement with the owner of its copyright. We are obligated to announce the contents of the agreement to customers under requirement by the owner of copyright for the software. Please access the following URL and read the contents of the license.

<https://rd1.sony.net/help/speaker/sl/21/>



## Disclaimer regarding services offered by third parties

Services offered by third parties may be changed, suspended, or terminated without prior notice. Sony does not bear any responsibility in these sorts of situations.

## Specifications

### Speaker section

Speaker system Approx. 46 mm dia. x 1  
Enclosure type Passive radiator model

### BLUETOOTH

Communication System

BLUETOOTH Specification version 4.2

Maximum communication range

Line of sight approx. 10 m<sup>\*1</sup>

Frequency band 2.4 GHz band (2.4000 GHz - 2.4835 GHz)

Modulation method

FHSS

Compatible BLUETOOTH Profiles<sup>\*2</sup>

A2DP (Advanced Audio Distribution Profile)

AVRCP (Audio Video Remote Control Profile)

HSP (Headset Profile)

HFP (Hands-free Profile)

Supported Codec<sup>\*3</sup>

SBC (Subband Codec)

AAC (Advanced Audio Coding)

Transmission range (A2DP)

20 Hz - 20 000 Hz (Sampling frequency 44.1 kHz)

<sup>\*1</sup> The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, antenna's performance, operating system, software application, etc.

<sup>\*2</sup> BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communications between devices.

<sup>\*3</sup> Codec: Audio signal compression and conversion format

### Note

Depending on the network environment, there may be an interruption at the high bitrate transmission.

### Microphone

Type Electret condenser

Directional characteristic

Omni directional

Effective frequency range

100 Hz - 7 000 Hz

### General

Power DC 5 V 500 mA (using the USB power supply) or using built-in lithium-ion battery

Lithium-ion battery life (with playback via a BLUETOOTH connection)

Approx. 16 hours<sup>\*4 \*5</sup>

Approx. 5 hours<sup>\*4 \*6</sup>

Dimensions (including projecting parts and controls)

Approx. 76 mm dia. x 95 mm (H)

Mass

Approx. 253 g including battery

Supplied accessory

USB Type-C cable (USB-A to USB-C)<sup>\*7</sup> (1),

Strap (1) (attached to the unit)

<sup>\*4</sup> Actual performance time may vary from the listed time due to the volume, songs played, surrounding temperature, and usage conditions.

<sup>\*5</sup> Measured value acquired by playing our specified music source with the volume level of the unit set to 26.

<sup>\*6</sup> Measured value acquired by playing our specified music source with the volume level of the unit set to the maximum.

<sup>\*7</sup> A charging cable exclusively designed for the unit. Do not use the cable for any other purposes.

### System requirements for charging battery using USB

Using a USB power supply capable of feeding in DC 5 V 0.5 A.

Design and specifications are subject to change without notice.

