

LinkBuds S

WF-LS900N/YY2950

SERVICE MANUAL

Ver. 1.0 2022.05



US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Chinese Model
PX Model

- This unit has three types of names for communication name (LinkBuds S), model name (WF-LS900N) and model (YY2950). In addition, there are no unique model names for the left and right headset, charging case.
- The left and right headset, charging case included in the LinkBuds S/ WF-LS900N/YY2950 are required to repairing. Check in advance that you have the left and right headset, the charging case.

IMPORTANT NOTE:

LinkBuds S/WF-LS900N/YY2950 sold in Korea and Taiwan area are replaced rather than repaired.
 For Korea and Taiwan area, refer to the separately issued service manual dedicated for the Korean and Taiwan area models.
 Information on Korean and Taiwan area models are not included in this service manual.

- LinkBuds S/WF-LS900N/YY2950 are composed of following units.

Left side Headset
Right side Headset
Charging case

SPECIFICATIONS

(Except CH)

Headset
Power source: DC 3.85 V: Built-in lithium-ion rechargeable battery DC 5 V: When charged using USB
Operating temperature: 0 °C to 40 °C (32 °F to 104 °F)
Rated power consumption: 1 W (Headset), 3 W (Charging case)
Mass: Approx. 4.8 g × 2 (0.17 oz × 2) (Headset (including earbud tips (M))) Approx. 35 g (1.24 oz) (Charging case)
Included items: Wireless Noise Canceling Stereo Headset (1) USB Type-C® cable (USB-A to USB-C®) (approx. 20 cm (7.88 in.)) (1) Hybrid silicone rubber earbud tips (SS (2), S (2), M (2), LL (2)) Charging case (1)

Communication specification

Communication system: Bluetooth Specification version 5.2
Output: Bluetooth Specification Power Class 1
Frequency band: 2.4 GHz band (2.4000 GHz - 2.4835 GHz)
Operating frequency (AEP, UK): Bluetooth: 2,400 MHz - 2,483.5 MHz
Maximum output power (AEP, UK): Bluetooth: < 10 dBm

Design and specifications are subject to change without notice.

System requirements for battery charge using USB

USB AC adaptor
 A commercially available USB AC adaptor capable of supplying an output current of 0.5 A (500 mA) or more
 • Do not use a USB adaptor that exceeds the maximum output of 13 W (5 V, 2.6 A). (US, CND, PX, LA)

Compatible iPhone/iPod models

iPhone 12 Pro Max, iPhone 12 Pro, iPhone 12, iPhone 12 mini,
 iPhone SE (2nd generation), iPhone 11 Pro Max, iPhone 11 Pro, iPhone 11,
 iPhone XS Max, iPhone XS, iPhone XR, iPhone X, iPhone 8 Plus, iPhone 8,
 iPhone 7 Plus, iPhone 7, iPhone SE, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus,
 iPhone 6, iPhone 5s, iPod touch (7th generation),
 iPod touch (6th generation)
 (As of February 2022)

(CH)

耳机

电源:
 直流 5 V: 使用 USB 充电时
工作温度:
 0 °C 至 40 °C
额定功耗:
 1 W (耳机), 3 W (充电盒)
包装内物品:
 无线降噪立体声耳机 (1)
 USB Type-C® 连接线 (USB-A 至 USB-C®)
 (约 20 cm) (1)
 混合硅胶耳塞 (SS (2), S (2),
 M (2), LL (2))
 充电盒 (1)

通讯规格

通讯系统:
 Bluetooth 规格版本 5.2
输出:
 Bluetooth 规格功率等级 1
频率波段:
 2.4 GHz 波段 (2.4000 GHz - 2.4835 GHz)
 频率范围: 2 400 MHz - 2 483.5 MHz
 发射功率: ≤ 20 dBm (EIRP)
 设计和规格如有变更, 恕不另行通知。

使用 USB 为电池充电的系统要求

USB 交流电源适配器
 能够供应 0.5 A (500 mA) 或更高输出电流的市售 USB 交流电源适配器

兼容 iPhone/iPod 机型

iPhone 12 Pro Max, iPhone 12 Pro, iPhone 12,
 iPhone 12 mini, iPhone SE (第 2 代),
 iPhone 11 Pro Max, iPhone 11 Pro, iPhone 11,
 iPhone XS Max, iPhone XS, iPhone XR, iPhone X,
 iPhone 8 Plus, iPhone 8, iPhone 7 Plus, iPhone 7,
 iPhone SE, iPhone 6s Plus, iPhone 6s,
 iPhone 6 Plus, iPhone 6, iPhone 5s,
 iPod touch (第 7 代), iPod touch (第 6 代)
 (截至 2022 年 2 月)

Design and specifications are subject to change without notice.

Trademarks

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- USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum.
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Sony CONFIDENTIAL
 For Authorized Servicer

WIRELESS NOISE CANCELING STEREO HEADSET

SECTION 1
SERVICING NOTES

The **SERVICING NOTES** contains important information for servicing. Be sure to read this section before repairing the unit.

ABOUT MODEL NAME

This unit has three types of names.

Communication name : LinkBuds S

Model name : WF-LS900N

Model : YY2950

Note: There are no unique model names for the left and right headset, charging case.

ADVANCE CHECKING WHEN REPAIRING

LinkBuds S/WF-LS900N/YY2950 are composed of left and right headset, charging case. The left and right headset, charging case included in the LinkBuds S/WF-LS900N/YY2950 are required to repairing. Check in advance that you have the left and right headset, the charging case.

COLOR VARIATIONS

(B) Black, (C) Ecru, (W) White

DESTINATION ABBREVIATIONS

The following abbreviations for model destinations are used in this service manual.

- Abbreviations
 - AEP, UK : European area, East European area, CIS area (Moldova, Ukraine) and Middle East area (Israel, Palestine) models
 - CH : Chinese model
 - E, AUS, RU : CIS area (Except for Moldova, Ukraine), Middle East area (Except for Israel, Palestine), South East Asian area (Except for India), East Asian area (Except for China, Korea, Taiwan area), Oceania area and African area models
 - US, CND, PX, LA : US, Canadian, PX and Latin American area models

IMPORTANT NOTE:

LinkBuds S/WF-LS900N/YY2950 sold in Korea and Taiwan area are replaced rather than repaired.

For Korea and Taiwan area, refer to the separately issued service manual dedicated for the Korean and Taiwan area models.

Information on Korean and Taiwan area models are not included in this service manual.

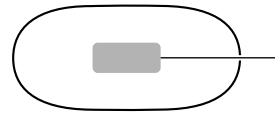
MODEL IDENTIFICATION

When identifying the destination, refer to the model number label indicated on the bottom of the charging case.

Note 1: The contents of the model number label may be changed in the midway of production.

Note 2: It cannot identify the destination by referring to the left and right headset.

Charging case
(Bottom side)



US, CND, PX, LA	AEP, UK
WF-LS900N 0000000 SONY CORP. INPUTS: V $\equiv$ MADE IN CHINA OUTPUTS: V $\equiv$ 130 mA(L) 5 V $\equiv$ 130 mA(R) IC409B-YY2950 CAN ICES-3B/NMB-3B FCC ID: AK8YY2950 MODEL: YY2950	WF-LS900N 0000000 MODEL: YY2950 MANUFACTURER: SONY CORP. OUTPUTS: V $\equiv$ 130 mA(L) 5 V $\equiv$ 130 mA(R) MADE IN CHINA SONY EUROPE B.V. EU: DA VINCIJAN 7-DI, 1930 ZAVENTEM, BELGIUM UK: THE HEIGHTS, BROOKLANDS, WEYBRIDGE, SURREY KT13 0XW, UNITED KINGDOM UK CA CE
E, AUS, RU	CH
WF-LS900N 0000000 MODEL: YY2950 SONY CORP. INPUTS: V $\equiv$ MADE IN CHINA OUTPUTS: V $\equiv$ 130 mA(L) 5 V $\equiv$ 130 mA(R) TP BY EAC Li-ion CCA021LP1680T8 R-C-S0K-YY2950 SONY 5V 255mAh	型号: YY2950 输出: 5 V $\equiv$ 130 mA (L) 输出: 5 V $\equiv$ 130 mA (R) 输入: 5 V $\equiv$ 0000000 制造商: 索尼公司 中国制造 3.85 V / 450 mAh / 1.73 Wh WF-LS900N