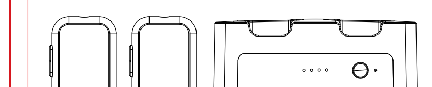
英文做封面

36.00 mm

90.00 mm



USER MANUAL

SWS12

2.4 GHz wireless earphone monitoring transmission system

Main Features

EN

Thank you for choosing our wireless monitoring system. This product is designed for stage performers and performers to provide higher quality audio feedback. SWS12 is equipped with a transmitter (charging case) and two receivers, supports Type-C charging, is compact and easy to carry. We are committed to presenting you with a low-noise, low-latency wireless ear return device with high resolution and long-distance effective transmission. We sincerely hope that you will like this product! Usage Tips: To ensure the best signal transmission, it is recommended to keep the wireless system as close to the performance area as possible and avoid contact with large metal objects, walls, scaffolding and other objects, and keep a distance of at least 1.5 meters. Make sure there is a clear direct signal path between the transmitter and the receiver. Before the performance, please be sure to check whether the battery is fully charged to avoid affecting the user experience due to low power.

■ Lossless professional sound quality, ensuring high-quality audio transmission.

■ Adopting 2.4GHz wireless transmission frequency band, supporting 24bit/48KHz sampling rate, the sound quality is clearer.

Main Features

EN

■ Up to 30 meters of effective transmission distance, easily get rid of the constraints of cables.

■ Small size, rich functions, unique collar clip design, and can be converted into a mini waist pack machine, which is easy to carry.

■ Support one transmitter to connect multiple receivers for transmission at the same time.

■ Equipped with LED indicator light, real-time display of stereo, left and right channels, battery power, volume and mute status.

■ The transmitter has a battery life of up to 24 hours, and the receiver has a battery life of up to 6 hours, which meets the needs of long-term use.

■ Provide four working modes: left channel, right channel, stereo and mute, to meet the needs of different devices.

■ The receiver has a volume adjustment button for precise volume control.

■ Support up to 4 pairs of devices working at the same time to ensure the coordinated use of multiple devices.

■ The receiver can adjust the volume and mute, and the transmitter supports one-button mute function.

Attentions

EN

Power supply:
This product has a built-in rechargeable battery, and the product accessories include a USB charging cable as standard. You can connect the USB port of the charger of the same type of mobile phone to charge. Please make sure the device is turned off when charging to avoid power loss during the charging process, which will increase the charging time and shorten the battery life. Please turn off the wireless device when not in use, otherwise the battery power will continue to be consumed.

Connect:
Before connecting this wireless device to other devices, be sure to turn off the power and other related devices. This will help avoid device malfunction and damage to other devices.

Attentions

EN

Interference:
In the actual operation of the wireless system, it will be affected by the following conditions:
① The device does not cause harmful electromagnetic interference.
② The use of the device must receive electromagnetic wave signals, including those generated during unnecessary operations.
③ If there is environmental interference such as other wifi systems, please shorten the distance between the transmitter and the receiver.
④ The receiver should be kept at a distance of more than 3 meters from other wifi transmitters.

Product Parameters

EN

Sampling rate	24bit/48KHz lossless digital transmission sound quality
Wireless frequency band	2.4GHz
Effective distance	30 meters outdoor transmission distance
Power requirements	Built-in ithium battery can be charged via USB Type C, 5V 1A charger is recommended
Frequency response	20~20K Hz，+1dB/-3dB
Battery model specification TX/RX	TX 803060，RX 402030
Battery capacity TX/RX	1800mAh/200mAh
Battery nominal voltage	3.7V

Product Parameters

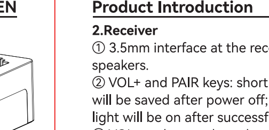
EN

Transmitter body size (mm)	95.04(L)X39.7(W)X38.12(H)mm
Receiver body size (mm)	31.1(L)X41.5(W)mm
Single body weight	TX75g, RX 15g
Whole machine packaging weight	155g
Accessories included	Wireless ear monitor transmitter x1, wireless ear monitor receiver x2, USB charging cable x1

Product Introduction

EN

1. Transmitter
① Battery indicator: Four LED lights show the battery level.
② Power switch and silent mode: Long press the power button to turn on the transmitter, short press to switch to silent mode.
③ Function indicator: The green light is always on after startup, the red light is always on in silent mode, and the yellow light flashes for 2 seconds when the receiver is successfully connected.
④ Charging card slot.
⑤ Charging port: Please use the USB Type-C charging cable for charging.
⑥ Transmitter 3.5mm port: Can be connected to the output of audio devices such as mobile phones, sound cards, computers, mixers, etc.



Product Introduction

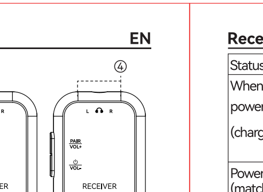
EN

2.Receiver
① 3.5mm interface at the receiving end: can be connected to audio devices such as headphones and speakers.
② VOL+ and PAIR keys: short press the VOL+ button to increase the volume, and the volume setting will be saved after power off; long press the PAIR button to enter pairing mode, and the indicator light will be on after successful pairing.
③ VOL- and power key: short press the VOL- button to reduce the volume, and the volume setting will be saved after power off; long press the power key to start the receiver, and the indicator light will be on after successful pairing.

Product Introduction

EN

④ Function indicator: The indicator light flashes when not paired, and it will be on after successful pairing. In stereo mode, both indicator lights are green; in left and right channel mode, one indicator light is green; in silent mode, both indicator lights are yellow.
⑤ Charging port: Please use a USB Type-C charging cable to charge or use a charging case to charge.



Receiver Function and Operation Introduction

EN

Status	Operation	Indicator Status	Function Introduction
When not powered on (charging)	none	When the battery level is lower than 80%, the red light will flash in a wrong position, when the battery level is higher than 80%, the green light will flash in a wrong position, and when the battery level is higher than 95%, the light will go out.	
Power on (matched transmitter)	Long press VOL-	Always on green light	Start the receiver
Pairing (matched transmitter)	Long press VOL+	Green light flashes slowly	Start the receiver

Receiver Function and Operation Introduction

EN

Status	Operation	Indicator Status	Function Introduction
Left channel (matched transmitter)	Press VOL+ and VOL- at the same time	Solid green light on the left	Enter left channel mode
Right channel (matched transmitter)	Press VOL+ and VOL- at the same time	Solid green light on the right	Enter left channel mode
Mute (matched transmitter)	Press VOL+ and VOL- three times at the same time	Steady yellow light	Enter mute mode
Power on (unmatched transmitter)	Long press VOL-	Flashing green light	Start the receiving end

Receiver Function and Operation Introduction

EN

Status	Operation	Indicator Status	Function Introduction
Paired (unmatched transmitter)	Long press VOL+	Green light flashes quickly	Start the receiver
Left channel (unmatched transmitter)	Press VOL+ and VOL- at the same time	Flashing green light on the left	Enter left channel mode
Right channel (unmatched transmitter)	Press VOL+ and VOL- at the same time	Flashing green light on the right	Enter right channel mode
Mute (unmatched transmitter)	Press VOL+ and VOL- three times at the same time	Flashing yellow light	Enter mute mode

Receiver Function and Operation Introduction

EN

Status	Operation	Indicator Status	Function Introduction
Power on while charging (matched transmitter)	Long press VOL-	Steady red light	Start receiver
Pairing while charging (transmitter already matched)	Long press VOL+	Red light flashes slowly	Pair transmitter
Left channel when charging (matched transmitter)	Press VOL+ and VOL- at the same time	Left side steady red light	Enter left channel mode
Right channel when charging (matched transmitter)	Press VOL+ and VOL- at the same time	Right side steady red light	Enter left channel mode

Receiver Function and Operation Introduction

EN

Status	Operation	Indicator Status	Function Introduction
Silent when charging (matched transmitter)	Press VOL+ and VOL- three times at the same time	The left side has a steady yellow light, the right side has a steady red light	Enter mute mode
Power on while charging (unmatched transmitter)	Long press VOL-	Flashing red light	Start receiver
Pairing while charging (transmitter not matched)	Long press VOL+	Red light flashes quickly	Pair transmitter
Left channel when charging (unmatched transmitter)	Long press VOL+	Flashing red light on the left	Enter left channel mode

Receiver Function and Operation Introduction

EN

Status	Operation	Indicator Status	Function Introduction
Right channel when charging (unmatched transmitter)	Press VOL+ and VOL- at the same time	Flashing red light on the right	Enter left channel mode
Silent when charging (unmatched transmitter)	Press VOL+ and VOL- three times at the same time	The left flashing yellow light, the right flashing red light	Enter mute mode

How To Use

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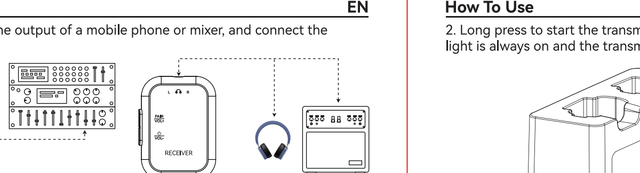
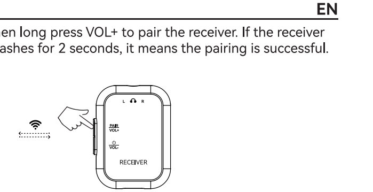
1.Connect the wireless transmitter to the output of a mobile phone or mixer, and connect the receiver to headphones or speakers.



How To Use

EN

2. Long press to start the transmitter, and then long press VOL+ to pair the receiver. If the receiver light is always on and the transmitter light flashes for 2 seconds, it means the pairing is successful.



Frequently asked questions

EN

1.Q: The device cannot be turned on.
A: If the device has not been used for a long time, or the battery is low and the power is turned off but not charged in time. The low battery power causes the battery to enter the protection mode, and the battery needs to be charged to activate the battery.
2. Q: The device can be turned on, but cannot be used and there is no sound?
A: Please check:
■ Are the pairing indicators of the transmitter and receiver both on for a long time to indicate a successful connection?
■ Check if the transmitter function light is red. If it is on, it means it is in mute mode and the mute function needs to be canceled.
■ Is the volume of the receiver zero? If it is zero, turn up the volume.
■ Check if the receiver function light is yellow. If it is on, it means it is in mute mode and the mute function needs to be canceled.
3.Q: Is there a strange noise when using it?

Frequently asked questions

EN

A: There may be strong electromagnetic interference, the transmission distance is too far, there are too many transmission obstacles, so most of the communication data is lost. Please try to shorten the transmission distance.
4.Q: The device cannot be charged normally?
A: When the lithium battery is at low power for a long time, it will enter a protection state, so it takes about 10 minutes to charge the battery to wake it up.
5.Q: Can multiple receivers receive signals from one transmitter at the same time?
A: Yes, this operation is possible. Please refer to the usage instructions for specific operations.
Warning
■ To reduce the risk of electric shock, please do not expose the device to rain or humid conditions.
■ Please turn off the device before charging. This can also prevent the charging time from being too long.
■ Excessive listening to audio at high volume may damage hearing. Please control the volume appropriately.

FCC Warning Statement

EN

★Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.

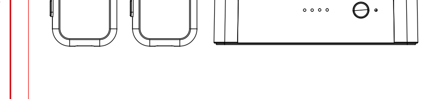
FCC Warning Statement

EN

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.
FCC Radiation Exposure Statement
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1)This device may not cause harmful interference.
(2)This device must accept any interference received, including interference that may cause undesired operation.

36.00 mm

90.00 mm



SWS12说明书

2.4 GHz无线耳返传输系统

主要特点

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感谢您选择我们的无线监听系统设备。本产品专为舞台表演者和演出人员设计，旨在提供更高质量的音频反馈。SWS12配备一台发射器（充电仓）和两个接收器，支持Type-C充电，体积小巧，便于携带。我们致力于为您呈现一款低噪音、低延迟、并具备高分辨率和长距离有效传输的无线耳返设备。我们真诚希望您能喜欢这款产品！
使用提示：为了确保最佳信号传输，建议将无线系统尽量靠近演出区域，并避免与大型金属物体、墙面、脚手架等物品接触，保持至少1.5米的距离。确保发射器与接收器之间有畅通的信号直射路径。在演出前，请务必检查电池电量是否充足，以免因电量不足影响使用体验。

■ 无损专业音质，保证高质量音频传输。
■ 采用2.4GHz无线传输频段，支持24bit/48KHz采样率，音质更加清晰。
■ 长达30米的有效传输距离，轻松摆脱线缆束缚。
■ 体积小巧，功能丰富，独特的领夹设计，同时可转换为迷你腰包机，便于携带。

主要特点

CN

■ 支持一个发射器同时连接多个接收器进行传输。
■ 配备LED指示灯，实时显示立体声、左右声道、电池电量、音量大小和静音状态。
■ 发射器续航长达24小时，接收器续航可达6小时，满足长时间使用需求。
■ 提供左声道、右声道、立体声和静音四种工作模式，适应不同设备需求。
■ 接收器带音量调节按钮，便于精准控制音量。
■ 支持最多4对设备同时工作，确保多设备协同使用。
■ 接收器可调节音量与静音，发射器支持一键静音功能。

注意事项

CN

电源供应:本产品内置了充电式蓄电池，产品附件包含有出厂标配1条USB充电线。您可以连接同类手机的充电头USB端口进行充电。充电时请确保设备为关机状态，以避免充电过程中电量流失而导致充电时间加长且电池使用寿命缩短，在不使用无线设备时请关机，否则电池的电量会持续消耗。

连接:当该无线设备与其他设备连接前，请务必关闭电源及其他相关设备，这将有助于避免设备故障以及损害其他设备。

干扰:
在无线系统的实际操作中，将受到以下条件的影响:
①该设备并不会引致有害的电磁干扰。
②该设备的使用是必然需要接收到电磁波信号，包括在不必要的操作中产生。
③ 如果受到其他wifi系统等环境干扰,请缩短发射器和接收器之间的距离。
④ 接收器应与其他wifi发射器之间保持3米以上的距离。

产品参数

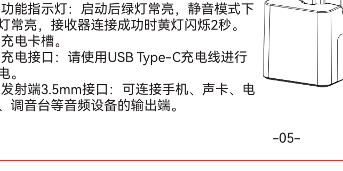
CN

采样率	24bit/48KHz无损数字传输音质	发射端机身尺寸(mm)	95.04(L)X39.7(W)X38.12(H)mm
无线频段	2.4GHz		
有效距离	30米户外传输距离	接收端机身尺寸(mm)	31.1(L)X41.5(W)mm
电源要求	内置锂电池可通过USB Type C充电，建议使用5V 1A充电器	单个机身重量	发射器 75g, 接收器 15g
		整机包装重量	155g
频率响应	20~20K Hz, +1dB/-3dB	附带配件	无线耳返发射器x1 无线耳返接收器x2 USB充电线x1
电池型号规格TX/RX	发射端 803060，接收端402030		
电池容量TX/RX	1800mAh/200mAh		
电池标称电压	3.7V	修订日期	2025-01-16

产品介绍

CN

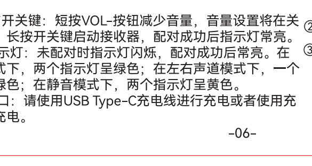
1. Transmitter / 发射器:
① 电量指示灯：四个LED灯显示电池电量。
② 电源开关与静音模式：长按电源按钮开启发射器，短按切换至静音模式。
③ 功能指示灯：启动后绿灯常亮，静音模式下红灯常亮，接收器连接成功时黄灯闪烁2秒。
④ 充电卡槽。
⑤ 充电接口：请使用USB Type-C充电线进行充电。
⑥ 发射端3.5mm接口：可连接手机、声卡、电脑、调音台等音频设备的输出端。



产品介绍

CN

2.Receiver/ 接收器:
① 接收端3.5mm接口：可连接耳机、音箱等音频设备。
② VOL+与PAIR键：短按VOL+按钮增加音量，音量设置将在关机后保存；长按PAIR键进入配对模式，配对成功后指示灯常亮。
③ VOL-与开关键：短按VOL-按钮减少音量，音量设置将在关机后保存；长按开关键启动接收器，配对成功后指示灯常亮。
④ 功能指示灯：未配对时指示灯闪烁，配对成功后常亮。在立体声模式下，两个指示灯呈绿色；在左右声道模式下，一个指示灯呈绿色；在静音模式下，两个指示灯呈黄色。
⑤ 充电接口：请使用USB Type-C充电线进行充电或者使用充电仓进行充电。



接收端功能及操作介绍

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状态	操作	指示灯状态	功能介绍
未启动时(在充电)	无	电量低于80%红灯错位闪烁,高于80%绿灯错位闪烁,高于95%灯会熄灭	
开机(已匹配发射端)	长按VOL-键	长亮绿灯	启动接收端
配对(已匹配发射端)	长按VOL+键	绿灯慢速闪烁	配对发射端
左声道(已匹配发射端)	同时按一次VOL+键与VOL-	左侧长亮绿灯	进入左声道模式
右声道(已匹配发射端)	同时按俩次VOL+键与VOL-	右侧长亮绿灯	进入右声道模式
静音(已匹配发射端)	同时按三次VOL+键与VOL-	长亮黄灯	进入静音模式
开机(未匹配发射端)	长按VOL-键	闪烁绿灯	启动接收端

接收端功能及操作介绍

CN

状态	操作	指示灯状态	功能介绍
配对(未匹配发射端)	长按VOL+键	绿灯快速闪烁	配对发射端
左声道(未匹配发射端)	同时按一次VOL+键与VOL-	左侧闪烁绿灯	进入左声道模式
右声道(未匹配发射端)	同时按俩次VOL+键与VOL-	右侧闪烁绿灯	进入右声道模式
静音(未匹配发射端)	同时按三次VOL+键与VOL-	闪烁黄灯	进入静音模式
充电时开机(已匹配发射端)	长按VOL-键	长亮红灯	启动接收端
充电时配对(已匹配发射端)	长按VOL+键	红灯慢速闪烁	配对发射端
充电时左声道(已匹配发射端)	同时按一次VOL+键与VOL-	左侧长亮红灯	进入左声道模式
充电时右声道(已匹配发射端)	同时按俩次VOL+键与VOL-	右侧长亮红灯	进入右声道模式

接收端功能及操作介绍

CN

状态	操作	指示灯状态	功能介绍
充电时静音(已匹配发射端)	同时按三次VOL+键与VOL-	左侧长亮黄灯 右侧长亮红灯	进入静音模式
充电时开机(未匹配发射端)	长按VOL-键	闪烁红灯	启动接收端
充电时配对(未匹配发射端)	长按VOL+键	红灯快速闪烁	配对发射端
充电时左声道(未匹配发射端)	长按VOL+键	左侧闪烁红灯	进入左声道模式
充电时右声道(未匹配发射端)	同时按俩次VOL+键与VOL-	右侧闪烁红灯	进入右声道模式
充电时静音(未匹配发射端)	同时按三次VOL+键与VOL-	左侧闪烁黄灯 右测闪烁红灯	进入静音模式

使用方法

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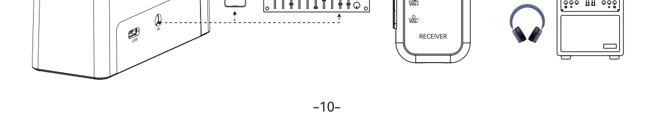
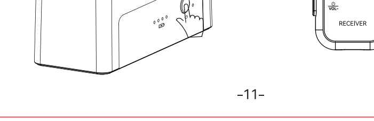
1.将无线发射端Transmitter接上手机或者调音台的输出端使用，将接收器Receiver连接耳机或者音箱使用。



使用方法

CN

2.长按启动发射端，启动接收端后长按VOL+进行配对，接收端灯常亮与发射端灯闪烁2秒说明配对成功。



常见问题

CN

1.问:设备无法开机。
答: 如果设备长时间未使用，或是电池电量不足时断电却未及时充电。电池电量不足导致电池进入保护模式，需要给电池充电以激活电池。

2.问:设备可以开机，但不能使用且没有声音?
答:请检查:
■发射和接收的配对指示灯，是不是都是长亮连接成功的状态。
■检查发射器功能灯是否亮着红灯，如果亮着说明是处于静音模式，需取消静音功能。
■接收器的音量是不是零，如果是零需要把音量调大。
■检查接收器功能灯是否亮着黄灯，如果亮着说明处于静音模式，需取消静音功能

3.问:使用时发出奇怪的噪音?
答:可能有很强的电磁干扰、传输距离太远、传输障碍物太多，因此大多数通信数据丢失。请尽量缩短传输距离。

常见问题

CN

4.问:设备无法正常充电?
答:锂电池长时间处于低电量时会进入保护状态，因此需要充电10分钟左右才能唤醒蓄电池。

5.问:多个接收器可同时从一个发射器中接收信号吗?
答:此项操作是可以的。具体操作请参照使用方法。

警告
■ 为了减少触电等风险发生，请不要在下雨或者潮湿环境下暴露该设备。
■ 请在本设备充电前将其关机后方可进行充电，此操作亦可避免充电时间过长。
■ 过度收听音量过高的音频可能会损害听力,请合理控制音量。

（SWS12）无线12代说明书-中英文-中性					
版本	V03	比例	1:1	日期	2025-01-16
排版	李丽华	印刷	黑白双面印	尺寸	折后36x90mm
材质	80克书纸	工艺	骑马订		
审核	李风华			公司	珠海笙科智能科技有限公司

备注

注意：英文作为封面
打样回来发现是中文是封面
1.说明书填加整机重量155g
2.修改电池容量(1800mA)和电池型号(发射端803060)