

# Whitesand

## USER'S MANUAL

### Single/Dual Wireless Microphone System

**WSM-100/200**

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***Whitesand*** is an audio solution provider dedicated to developing lifestyle affordable audio products for our users, from entertainment events to the home audio studio. Thank you for purchasing the ***Whitesand WSM-100/200*** wireless microphone system. This informative booklet provides a description of features and a step-by-step guide to operate this unit. Please read this manual carefully to answer any questions about the operation. And please keep this manual available for future reference.

# OVERVIEW

## Box Contents

WSM-100	WSM-200
1 x Rechargeable receiver	1 x Rechargeable receiver
1 x Handheld transmitter	2 x Handheld transmitter
2 x AA battery	4 x AA battery
1 x Micro USB charging cable	1 x Micro USB charging cable
1 x User's manual	1 x User's manual

## System Features

- With professional cardioid dynamic capsule, the system can eliminate noise floor and howling and reproduce excellent, clear, pure and high-fidelity sound.
- 30 adjustable frequency groups with long transmission range (60 m) in open space ensures up to 15 sets used simultaneously without worrying about interference.
- Operation is a piece of cake. Just turn on the receiver and mics, they will pair up automatically. AA batteries are required and included for each mic.
- Free anti-rolling rings for protecting your mic and windscreens for filter the unwanted pops sound.
- Ideal for Karaoke, Home KTV, Big party, DJ, Wedding, Class use.
- Note: It is not compatible with laptop, iPad, cellphone and AV receiver.

## Rechargeable Receiver

① 1/4" TS output connector

② Power switch

③ RF A indicator

It lights green when the receiver is paired with the transmitter. The light turns off when the receiver and the transmitter are not paired up.

④ RF B indicator

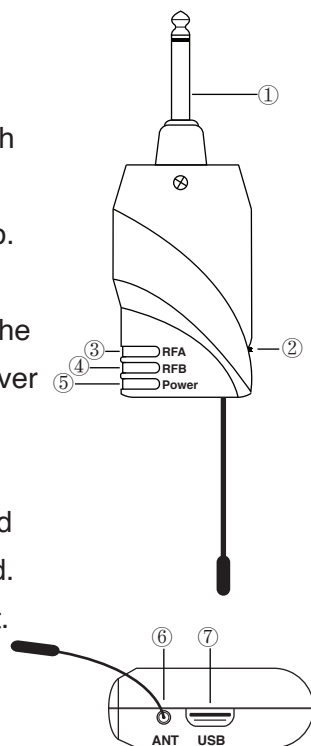
It lights red when the receiver is paired with the transmitter. The light turns off when the receiver and the transmitter do not paired up.

⑤ Power indicator

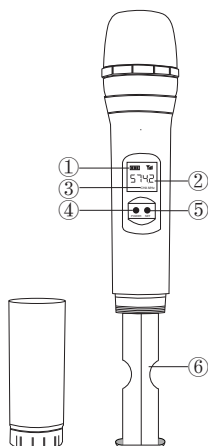
It lights red when the receiver is charging, and turns green when the receiver is fully charged.  
It lights orange when the battery is insufficient.

⑥ Antenna

⑦ Micro USB charging port



## Handheld Transmitter



① Battery indicator

② Frequency number

③ Channel number

④ Power Button

Short press to turn on the mic, and long press to turn it off.

⑤ SET Button

Short press to change the frequency.

⑥ Battery Compartment

# SYSTEM SETUP

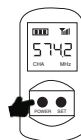
## Installation

1. Take out the wireless receiver from the package. Erect the antenna and connect the power cable to a wall outlet.
2. Use the included 6.35mm audio cable to connect the receiver's mixed output and other audio devices (speaker, amplifier, mixer, etc.).
3. Turn on the receiver and the transmitter and they will automatically pair up.
4. If you want to switch frequencies, please press the SET button on the microphone to adjust and it will automatically pair up with the receiver as well.

## Functions

### 1. Channel switch function

- ① Long press the power button to turn it off.

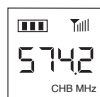


- ② Long press the power button for 8 seconds to change channel.

8s

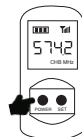


- ③ Keep long press until CHA changes to CHB (or CHB changes to CHA).



### 2. Channel lock function

- ① Long press the power button to turn it off.



- ② Long press the power button and SET button together for 3s to lock your channel.



3s

- ③ Tap the SET button to change the frequency and confirm your setting.



# Troubleshooting

## 1.No sound

System Status	Reasons	Solution
The RF signal indicator does not light up	Transmitters and the receiver was not paired up	① Check if microphone is turned on and in sufficient battery. ② Check if receiving antennas are erected correctly. ③ Ensure there are no obstacles between microphones and the receiver, and their distance is within the max range.
The RF signal indicator lights up	The amplifier/speaker is not connected or adjusted properly.	① Connect the receiver to the amplifier together with the speaker or to the speaker only. ② Turn on the amplifier and speaker and adjust the volume to a proper level.

## 2. Cutoffs & interference

Tap the SET button to change the frequency and find the best one for transmission. If this solution doesn't work, please contact us for change the defective parts.

# SPECIFICATIONS

Frequency band	UHF
Frequency range	530 - 580 MHz
SNR	>6dB
Distortion	≤0.5%
Frequency response	50Hz - 15kHz
Frequency stability	±0.0005MHz
Operating temperature	- 10°C to + 60°C
Battery capacity of the receiver	1000mAh

# TECHNICAL SUPPORT & WARRANTY INFORMATION

Whitesand warrants to the original consumer purchaser that the above unit is free from any defects in material or craftsmanship for 12 months from the date of the original purchase. If any such defect is discovered within the warranty period, Whitesand will repair or replace the unit free of charge, subject to verification of the defect or malfunction upon return to Whitesand.

To the extent permitted by law, any applicable implied warranties, including warranties of merchantability and fitness, are hereby limited to 12 months from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. This warranty is in lieu of all other agreements and warranties, general or special, express or implied, and no representative or person, including a Whitesand dealer, agent, or employee, is authorized to assume for us any other liability in connection with the sale or use of this Whitesand product.

Whereas some states do not allow limitations on how long implied warranties last or do not allow the exclusion of incidental or consequential damages, the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state

## **THIS WARRANTY IS SUBJECT TO THE FOLLOWING CONDITIONS:**

- 1-This system must be purchased from an authorized Whitesand dealer.
- 2-Items not covered: physical damage resulting from improper handling of the unit in transit from the factory by the shipper; defects caused by normal wear of the product (expendable parts are typically connectors, cables, potentiometers, switches, and similar components); damage or defects caused by abuse, neglect, accident, failure to connect or operate the unit in any way that does not comply with applicable technical or safety regulations, or improper, repair, excessive heat or humidity, alteration or unreasonable use of the unit, causing cracks, broken cases/housing or parts; damage caused by leaking batteries; finish or appearance items.

## **HOW TO OBTAIN SERVICE:**

Please contact us at [support@whitesandmic.com](mailto:support@whitesandmic.com) with any questions or concerns about your products, and a Whitesand representative will contact you to provide assistance. If you purchased this system through Amazon, you could also contact customer service through the Amazon message center.