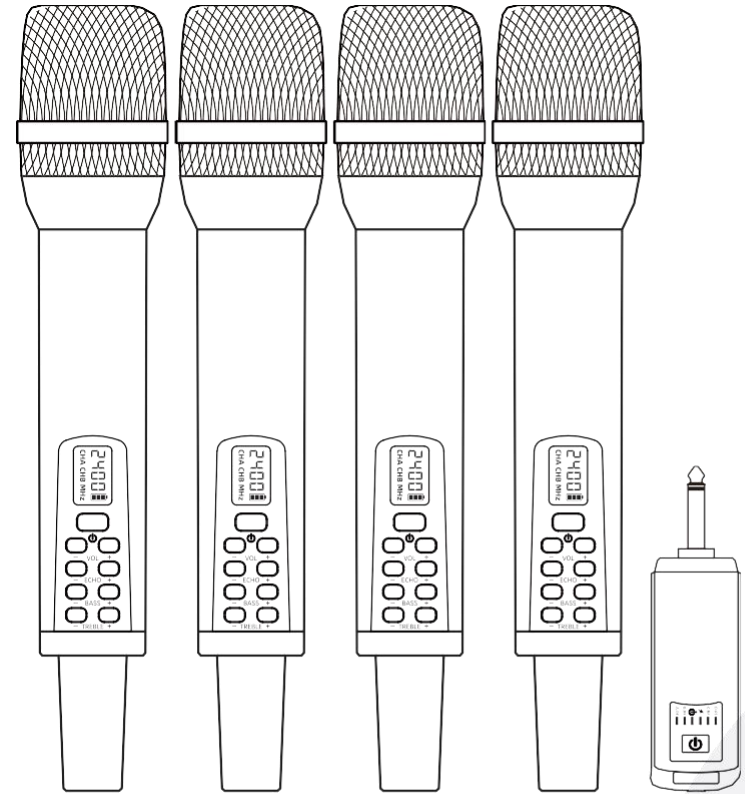




2.4G HZ WIRELESS MICROPHONE  
KARAOKE MIXER SYSTEM

SWM01-U4

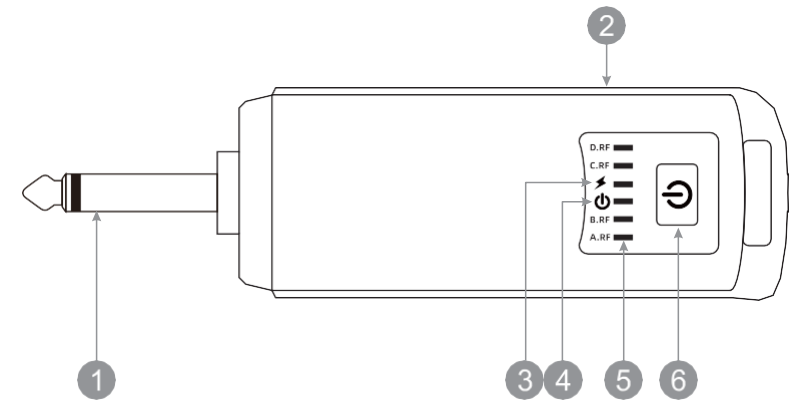


PRODUCT MANUAL

# FEATURES

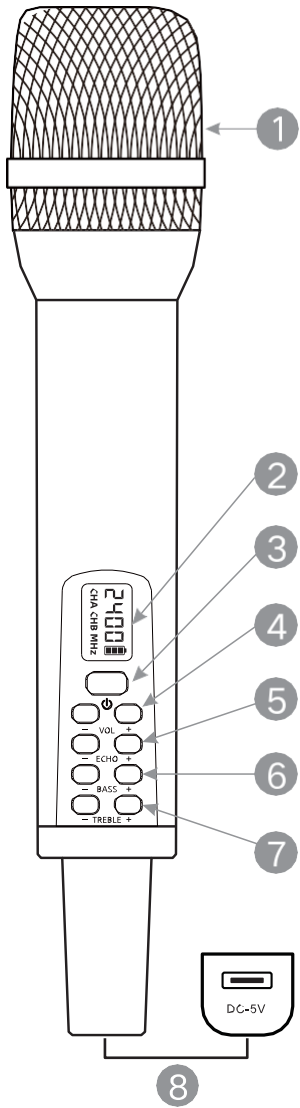
- The 2.4G Hz globally recognized frequency range features automatic frequency selection and pairing capabilities. The 2.4G systems are not affected by increasingly crowded UHF spectrum, which is heavily used for TV broadcasting.
- Handheld mic with built-in adjustable Echo, Treble & Bass for Karaoke fun.
- Easy to set up with an integrated mini portable and rechargeable receiver.
- Cardioid pick up pattern emphasizes main sound source and minimizes background noises.
- Rugged metal handheld microphones for heavy use and optimal performance.
- 1/4" output works with a powered PA speaker, amplifier and mixer which comes with 1/4" input connectors.
- Up to 100 feet line of sight operation range. Perfect for Karaoke, Speech, DJ music and house party.

## Receiver



1. 1/4" audio output jack
2. Charging Port
3. Charging Indicator - The indicator will flash under low power and need to recharge immediately. The indicator will show solid red when charging and will turn off when it's fully charged
4. Power Indicator - The indicator will light up red when power on
5. Microphone Signal-Receiving Indicator - The four 'RF' indicators will light up solid green when both receiver and microphone powered on and paired successfully.
6. Power Switch

## Transmitter

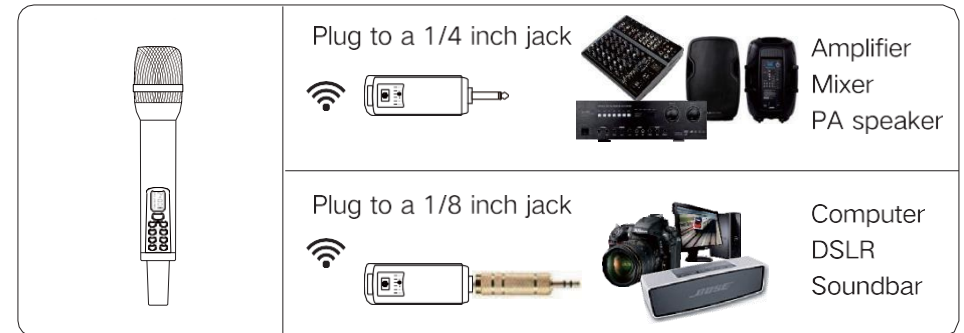


1. Microphone Head: Includes Windscreen and Mic Cartridge
2. Display working channels & battery power
3. Power Switch: Long press 3 seconds to turn on / off the mic
4. Volume Control: Short press to increase / decrease the mic volume
5. Echo: Short press to increase / decrease the echo effect
6. Bass: Short press to increase / decrease the microphone bass
7. Treble: Short press to increase / decrease the microphone treble
8. DC5V Charging port: Battery charging time is about 2~3 hours for 10~12 hours working.

## Operation

- 1) Plug the receiver into the amplifier or a powered speaker and power it on. Please check if your amp. or speaker comes with 1/4" input connector, if not, please use the provided 1/4" to 1/8" adapter before plugging in the receiver.
2. Press and hold the POWER button on the microphone for 3 seconds to power on. The microphone will be automatically paired with the receiver. The indicator "RF" on the receiver will light up solid green when corresponding microphone is paired successfully with the receiver.

### Connection diagram



## Parameter

### Receiver

Carrier wave freq. range	2.4G Hz,
Carrier wave stability	+/-10ppm
Sensitivity	<-105dBm @12dB SINAD
S/N Ratio	>85dB
T.H.D	<0.3%
Frequency Responses	30Hz-18KHz
Working Distance	100 FT (Open Area)
AF output impedance	600 ohm
Max output level	500mV
Display	LED
Output connector	1/4" mix out
Power supply	Rechargeable Lithium Battery, 3.7V/150mAH
Charging Time	3~4 Hours
Working Time	7~8 Hours

### Transmitter

Transmitter power	<10mW
Spurious Emission	>60dB
Display	LCD
Power supply	Rechargeable Lithium Battery, 3.7V/350mAH
Charging Time	3~4 Hours
Working Time	10~12 Hours

## In the Package

Receiver	x 1	Charging Cable	x 1
Hand-held Mic	x 4	1/4" to 1/8" Adapter	x 1
Anti-roll Ring	x 4	User Manual	x 1
Wind Muff	x 4		

## Troubleshooting

### Receiver & Microphone Does Not Connect

If one or more 'RF' indicators on the receiver do not light up, the receiver and corresponding microphone is not paired correctly. You will need to following the instruction in below to pair the receiver and microphone.

- Make sure the receiver and microphone are powered on.
- Quickly press the corresponding mic's power button four times to re-pairing. Until the corresponding 'RF' indicator lights up green, that means the pairing is successful.

### Faint Sound or No Sound

- Verify connection to PA speaker system
- Turn on handheld microphone
- Check if the batteries of the microphone are installed correctly
- Change or charge batteries
- Charge the receiver
- Check if the receiver is powered on

### Audio Interference, Artifacts, or Dropouts

- Identify or remove sources of interference: mobile phones, Wi-Fi access points, signal processors, electronics, etc.
- Change or charge batteries
- Move system away from metallic surfaces
- Provide line of sight from handheld microphone to the receiver unit

If you are still experiencing issues after following this troubleshooting guide, please email to [support@soundtown.com](mailto:support@soundtown.com) or call us at 323-618-0688 for expert assistance.