# Karaoke USA

# User's Guide

# Dual UHF Handheld Dynamic Wireless Microphone

MODEL: WM906





Before operating this product, please read these instructions.

#### Introduction

Thank you for purchasing our Dual 900 MHz Professional UHF (Ultra High Frequency) Wireless Microphones. This is a PLL (Phase Locked Loop) synthesized wireless microphone set utilizing a 16 Bit Digital Pilot ID that quickly pairs frequencies and prevents drifting between multiple transmitters (microphones) and receivers. You can have multiple dual microphone sets in one location without them walking on each other or interference. Great wireless microphones for orchestra, band or stage theatrical performances. Please read this guide carefully to get maximum performance and functionality.

## Items in this package



WM906 Microphones



Receiver



User's Guide x 1



USB Charging Cables



Antiskid sleeves

### **FCC Statements**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

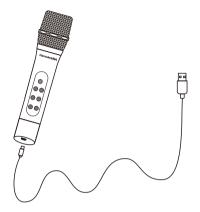
- 1. This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Notice: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **Quick Start Guide:**

A. Microphone - Charging and Use

Each microphone has a built-in Rechargeable Lithium-ion Battery on the bottom. Make sure battery is fully charged for about 1 hour with the provided USB charging cables. A fully charged receiver allows for up to 6 hours of normal use.



B. Receiver - Charging and Use

1. This Receiver has a built-in Rechargeable Lithium-ion Battery. Make sure battery is fully charged for about 1 hour with the provided USB charging cable. A fully charged receiver allows for up to 6 hours of normal use.

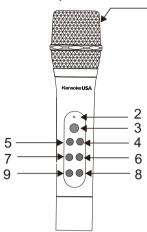


- Insert the 6.3 mm (1/4 inch) male end into your microphone jack on your karaoke machine, amplifier or electrical component.
- 3. Slide the On/Off Switch at the side of the Receiver to on. The power indicators will light up.

When singing, adjust your equipment's microphone volume level to a comfortable level. If you experience feedback from your equipment, lower microphone volume or move microphone away from speaker(s).

#### Index

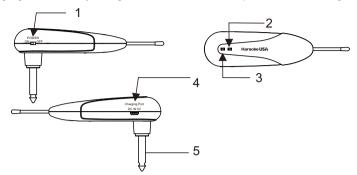
# A. Transmitter (Wireless Microphone)



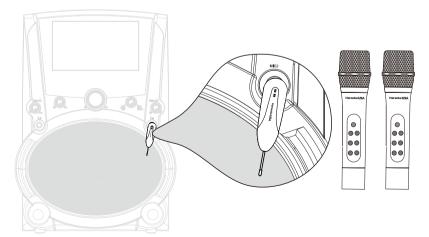
- 1. Transmitter (Microphone)
- 2. Power Indicator
- Power On/Off
- 4. Volume Up
- 5. Volume Down
- 6. Echo Up
- 7. Echo Down
- 8. Channel Selector
- 9. Pairing
- Microphone grill protects inner microphone cartridge from potential damage. Take care when handling microphone to prevent physical damage. DO NOT allow microphone to drop on floor. Any sudden shock can damage delicate components.
- 2. Power indicator: When power is on, the indicator is up (blue or green).
- 3. POWER ON/OFF: Press and hold to switch the microphone ON and OFF
- 4/5.VOL+/VOL: Increase or Decrease microphone volume.
- 6/7. ECHO+/ECHO-: Increase or Decrease an ECHO effect to singer's voice.
- 8. CHANNEL: If you encounter receiving interference from the receiver (from other than an operating TV station or other devices on the same frequency) you may need to change a channel. (There are 10 channels preset in the microphone, they go circle when you press the channel button).
- 9. PAIRING: If there is no connection between the microphone and receiver. Receiving light (on receiver) does not light up, you'll need to re-pair them.
  - 1) Turn off the receiver:
  - 2) Turn on the microphone;
  - 3) Press and hold PAIRING button until the light flashes;
  - 4) Turn on the receiver;
  - 5) Automatically paired.

#### B. Receiver

This Receiver has a built-in Rechargeable Lithium-ion Battery. Make sure battery is fully charged for about 1 hour with the provided USB charging cable. A fully charged receiver allows for up to 6 hours of usage.



- 1. Power On/Off slide the On/Off Switch at the side of the Receiver.
- 2. Power indicator: When power is on, the indicator is up (red), when it paired, the light turns off. When battery goes low, red light blinks. When in charging, light goes red. When battery is fully charged, light turns off.
- 3. Receiving light: When paired, the light is up(green or blue preset by factory).
- 4. Micro USB port is used to charge the internal battery.
- Signal output stud is a standard 6.3mm plug that will match almost any karaoke or amplifier equipment.



#### **UHF Frequency Channels**

This microphone has a total of 20 selectable frequency channels (10 for each of microphones). This allows the user to select a different frequency if by chance there is an external frequency issue causing problems.

## Care and Safety for Your Microphone

- Do not allow microphones or receiver to get wet.
- Do not allow microphones to drop on floor, bump against hard objects or get exposed to vibrations.
- Keep away from heat sources like direct sunlight, radiators, appliances, amplifiers, etc.
- Avoid dirt, dust and contaminants.
  Remove batteries from microphone bodies when not being used to prevent
- damage from potential battery leakage.
- Do not throw batteries into a fire, garbage bin or domestic rubbish. Dispose of properly per your local ordinances.

# **Product Specifications:**

## A. Transmitter (Wireless Microphone)

Frequency Range: 902MHz ~ 928Mhz

FCC-ID No.: 2APNKWM900

Modulation System : DQPSK

Frequency Response: 60Hz ~ 16KHz

Transmitted Power: 10 dBm

Battery Type: Lithium-Ion Rechargeable: 1200 mAh

#### B. Receiver

Frequency Range: 902MHz ~ 928Mhz

Receiving Sensitivity: - 105 dBm

Battery Type: Lithium-Ion Rechargeable: 650 mAh

Working Current: Current: <100mA

## **Trouble Shooting**

SYMPTOM	PROBLEM	SOLUTION
No sound	Microphone or receiver is OFF	Turn ON both of them
	Volume setting too low on Amplifier	Adjust the volume up on the amplifier or Karaoke machine
	Microphone and receiver not paired	Re-pair them (refer to index No. 9)
	Batter is low	Charge both microphone and receiver.
Sound interference	interference comes from othe wireless microphone, TV, Micro-wave oven radio etc.	Change to another frequency

# Karaoke USA

KARAOKE USA 12253 62ND ST N STE B LARGO FL 33773

TECH SUPPORT: WWW.KARAOKEUSA.COM/CS DOWNLOAD SONGS: WWW.SINGTHEHITS.COM SALES DEPARTMENT: SALES@KARAOKEUSA.COM

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