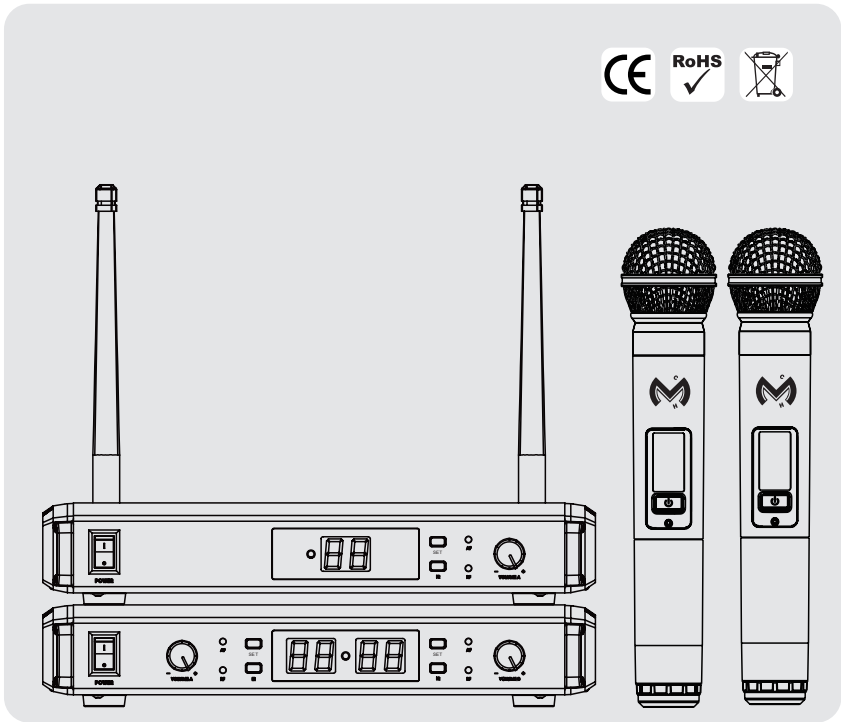


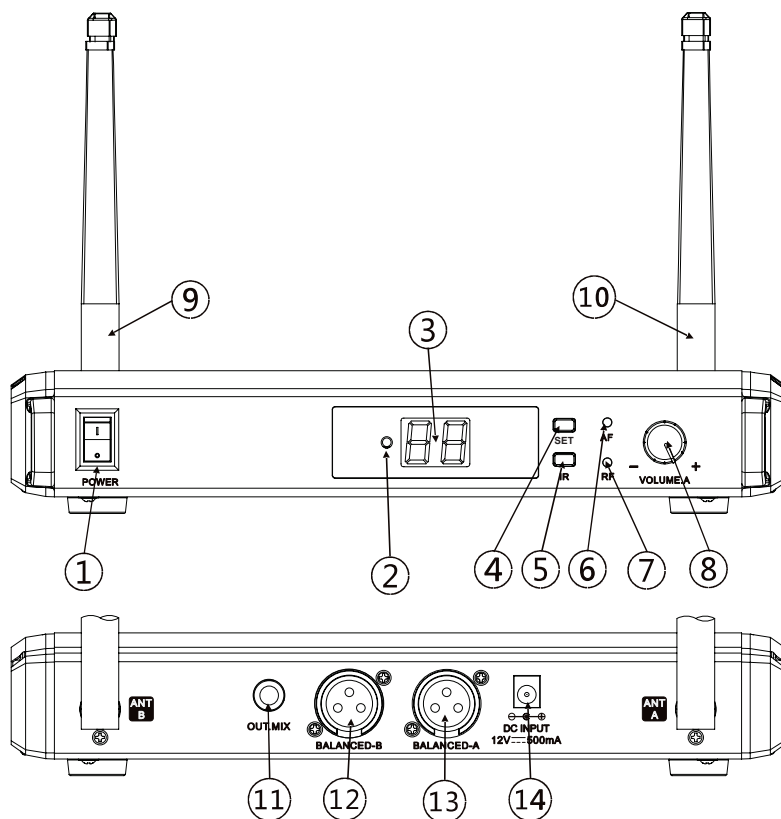


# UHF-100&200

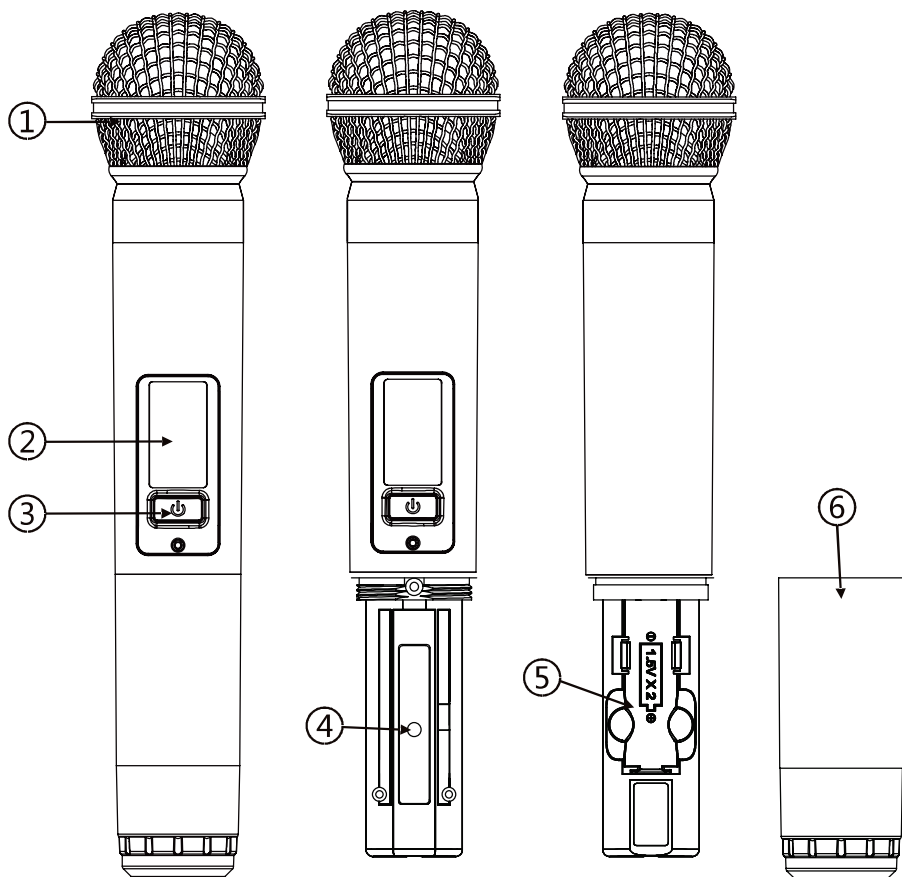
## UHF DUAL WIRELESS MICROPHONE SYSTEMS



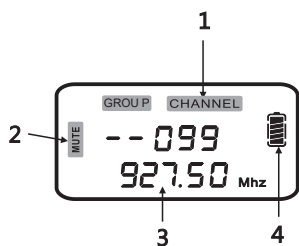
### USER MANUAL



- 1/ ON/OFF button
- 2/ IR transmitter
- 3/ Screen
- 4/ Adjustment button
- 5/ IR transmission of the frequency to the transmitter
- 6/ Audio signal indicator
- 7/ UHF signal indicator
- 8/ Volume button
- 9/ Antenna A
- 10/ Antenna B
- 11/ Mixed output 6.35mm jack
- 12/ Balanced output A
- 13/ Balanced output B
- 14/ Power supply connector



- 1 / Grid
- 2 / Control screen
- 3 / ON/OFF switch
- 4 / IR pairing button
- 5 / Battery compartment
- 6 / Battery compartment cover



- 1、**CHANNEL** 099 UHF channel used
- 2、**MUTE** MUTE indicator
- 3、**927.50** Mhz Frequency used
- 4、**[Battery Icon]** Battery status indicator

## INTRODUCTION

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Thank you for choosing Mac Mah and its UHF-100&200 series wireless microphone system.

This user's manual covers the following systems:

UHF-100 (M): Single channel diversity handheld mic version.

UHF-200 (M) : Two channel handheld microphone version.

Before using your equipment, we recommend that you read all the instructions in this manual.

instructions in this manual.

Mises en garde

1 / Read all instructions in this manual carefully.

2 / There are no user replaceable parts.

3 / Do not expose the unit to heat, rain or any source of moisture.

4 / Handle the microphone with care, do not drop it.

5 / Modification of the device will void the warranty.

## FREQUENCES & CONFORMITY

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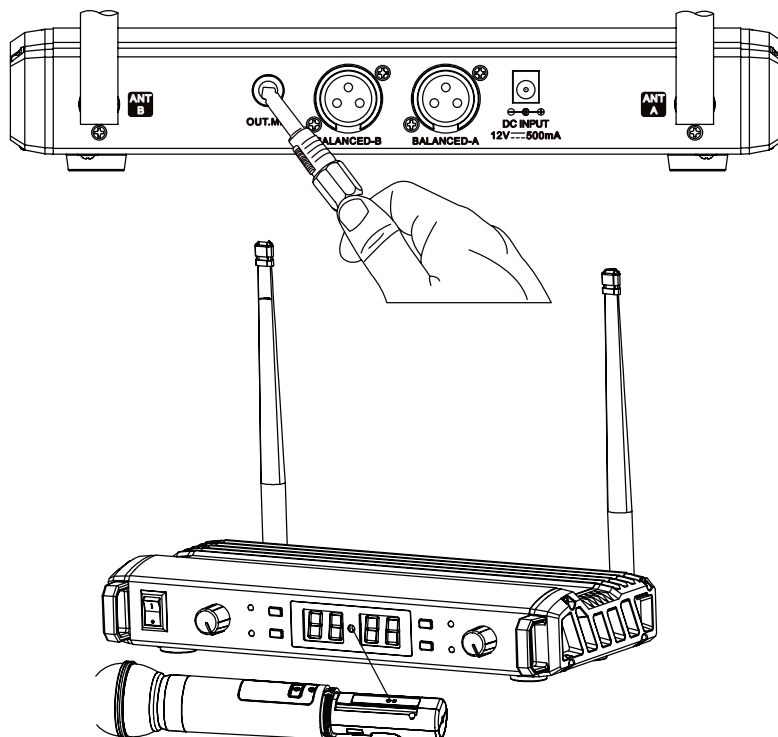


UHF systems operate in the 660 MHz to 690 MHz frequency band.

MacMah declares that the UHF-100&200 series wireless microphone systems comply with the European Directive 2014/53/EU.

## UHF-100&200 System Operation - Handheld mic Version

- 1/ Unpack all the components of the system. We recommend that you keep your packaging.
- 2/ Connect the AC adapter to the power connector on the back of the receiver and receiver and then to the power outlet.
- 3/ Connect the audio cord to the OUTPUT jack on the back of the receiver.  
Note: The UHF-200R dual receiver has 3 audio outputs: 1 balanced XLR output for each channel and 1 6.35mm jack output for the «mixed» output (channel 1 + channel 2).
- 4/ Unfold the antennas.
- 6 / Press the power switch on the receiver, the power indicator will light up.
- 5/ Select the frequency you want to use with the SET button.
- 6/ On the handheld microphone, open the battery compartment. Insert the battery in the direction shown.
- 7/ Turn on the handheld microphone, if the battery indicator light is flashing, your battery is low.
- 8/Press the IR button on the handheld microphone and then the IR button on the receiver. Move your microphone closer to the receiver screen to pair.
- 9 / Adjust the receiver volume.



# TECHNICAL SPECIFICATIONS

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Transmission frequencies: 660-690MHz

## General

Frequency band : .....	UHF
Number of channels: .....	99
Bandwidth .....	30MHz
Signal to noise ratio : .....	> 90dB
Total harmonic distortion : .....	< 0,3%

## Receiver

Power supply : .....	DC 12V/500mA
Consumption : .....	< 3W
Audio signal level of XLR outputs (balanced) : .....	400 mV
Audio signal level of the mixed jack output (unbalanced) : .....	200 mV
Signal to noise ratio : .....	> 96dB
De-Emphasis : .....	50 µs

## Handheld mic

Power supply : .....	2x 1.5V AA
Emission power : .....	30mW Max.
Type of modulation : .....	FM
Max. deviation : .....	+/- 25 kHz
Average autonomy : .....	6 heures
Average distance : .....	50m Max. 80m
Micro capsule type : .....	Unidirectional dynamic microphone