

# pure acoustics®

THE PURE SOUNDS OF LIFE

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MMU-255

## Wireless microphone system



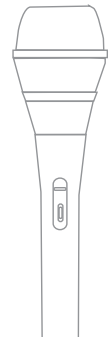
### OWNERS MANUAL

#### 1、Description:

- ① Head part: to protect cartridge and avoid POP noise
- ② Body part: cartridge at the top, transmitter PCB inside, battery cover at the bottom.
- ③ Power indication LED light: When power switch is in ON position, red light will twinkle and green light will light up, it means microphone works. If red light hasn't twinkled, please check the batteries have power or not and whether the batteries have been set in a right way. If the this light keep twinkling, it means power of batteries is off, in this case, customer should change the batteries.
- ④ Power switch: please turn the switch in ON position when using this microphone. Please turn the switch in OFF position when not use it.
- ⑤ Battery cover: battery cover and battery
- ⑥ Frequency display

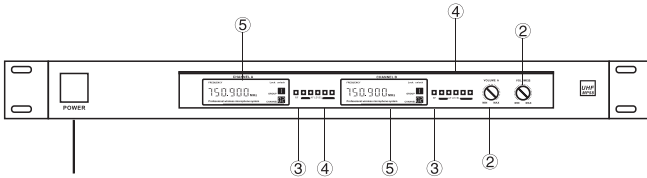
#### 2、Operation:

- ① Turn it on: When turn on the power switch, battery indication light of the microphone will twinkle. It means the microphone works. (Please refer point 2 and point 3, specification of power indication light)
- ② After turn it on: signal indication light of receiver will light up, it means it can receive the signal.
- ③ Operating: when it receiver the input signal from microphone, audio signal indication lights of the receiver will light up.
- ④ Turn it off: Please turn the switch of microphone in OFF position when not using it. If customer do not use it for a long period, please take the batteries out to avoid damage.



Wireless  
Microphone

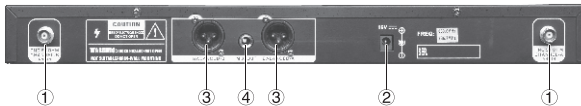
## Receiver Description



### 1、 Receiver Description

- ① Power switch: Turn on/off this item
- ② Volume Knob: Control item volume, turn it clockwise to make the volume louder contrary, to make the volume down
- ③ Signal LED light: To show the signal of receiver
- ④ Audio LED light: To show the volume of microphone Number of the LED lights show the output volume strong or not
- ⑤ Frequency display

## Back panle Description



### 1、 Back panel specification:

- ① Antenna connector: Connect A,B antennas.
- ② DC power connector: DC 16V input socket
- ③ Balance Audio output socket: offer balance audio output signal as the same as sensitivity of moving-coil microphone.
- ④ Unbalance audio output socket

## System technical specification

### 1、 General

Distance: 150m

Frequency Stability:  $\pm 0.005\%$  (-10°C~50°C)

Modulation:  $\pm 40\text{KHz}$

S/N :  $> 100\text{dB}$

T.H.D :  $< 0.5\%$  1KHz

Frequency range : 50Hz~18KHz $\pm 3\text{dB}$

### 2、 General

Receiver type: automatically

Oscillating: Quartzlocked

Sensitivity: about 40KHz, input: 6dBmvs/n  $> 80\text{dB}$ .

Distortion:  $> 80\text{dB}$

Harmonic Distortion :  $> 70\text{dB}$

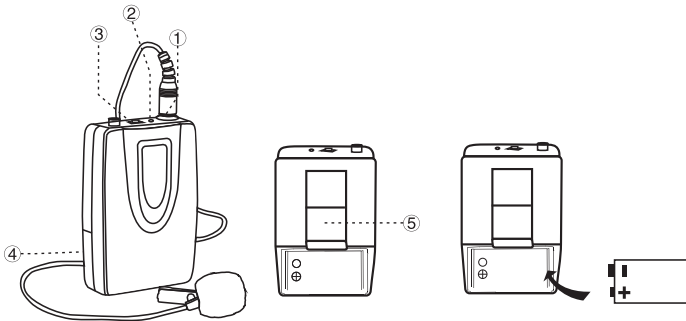
### 3、 Handheld microphone

Max input volume: 130dB

Cartridge: condenser or moving-coil

Battery: 1.5V

# Body pack transmitter Description



## 1. Specification:

- ① Audio input connector: to connect lapel microphone and headset microphone
- ② Power indication LED light: When power switch is in ON position, light will twinkle, it means microphone works. If red light hasn't twinkled, Please check the batteries have power or not and whether the batteries have been set in a right way. If the this light keep lighting, it means power of batteries is off, in this case, customer should change the batteries.
- ③ Power switch: please turn the switch in ON position when using this microphone. Please turn the switch in OFF position when not use it.
- ④ Battery cover: to put battery inside
- ⑤ Belt clip: to fix it in belt
- ⑥ Battery cover: to put the battery inside

## 2. Operation:

- ① Push the battery cover, put a 9V battery inside then close the battery cover.
- ② Please turn the microphone switch in ON position when using it. light will twinkle, it means microphone works.  
Turn on the receiver, when it receives the input signal from microphone, audio signal indication lights of the receiver will light up.
- ③ when it receives the input signal from microphone, audio signal indication lights of the receiver will light up. Number of the LED lights show the output volume strong or not.



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