

# USER'S GUIDE

## Digi-UHF Wireless Microphone

Warning statement:

### § 15.19 Labelling requirements.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

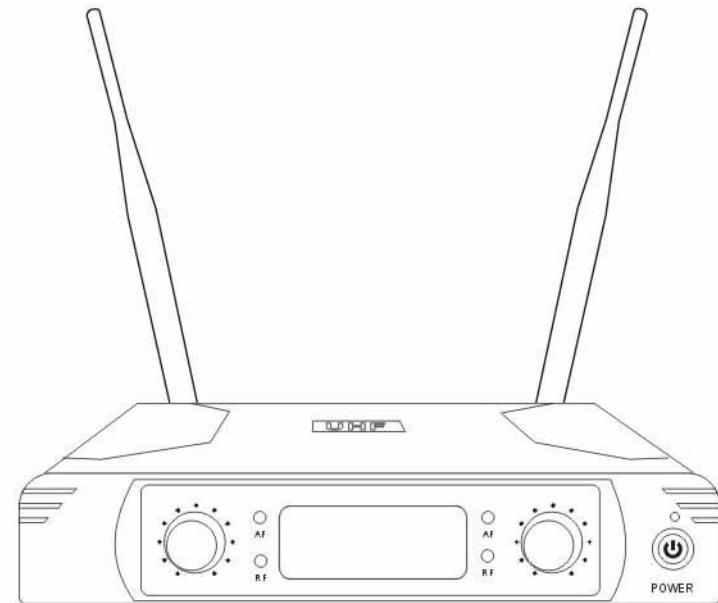
### § 15.21 Information to user.

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

### § 15.105 Information to the user.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



THANK YOU SO MUCH FOR USING THIS UHF WIRELESS MICROPHONE,  
PLEASE READ THIS USER'S GUIDE CAREFULLY BEFORE OPERATING

# Preview

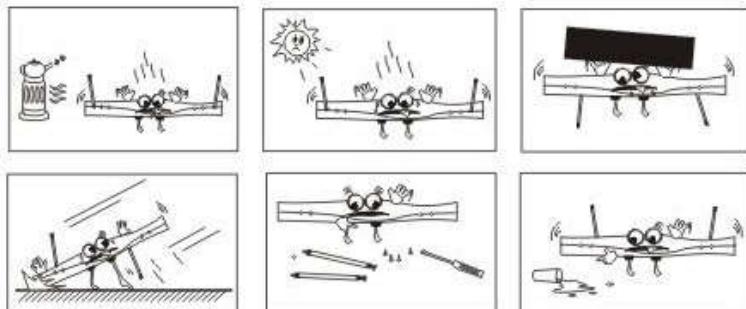
Welcome to choose this Digi-UHF wireless microphone system. This Digi-UHF wireless microphone system is professionally designed, thanks for its simple operating and stable quality, it is popularly using at KTV karaoke, school, theater, concert, meeting and speech.



This mark mean the operating must be strictly according to this guide.

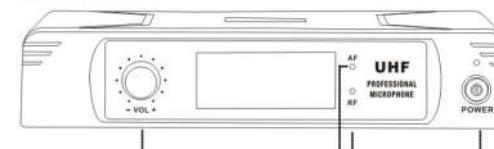
**Caution: Keep the system far away from rain or wet place to avoid electric shock or fire.**

- 1/ Read this USER'S GUIDE carefully before using
- 2/ Keep this GUIDE for future inquiry.
- 3/ Be careful of the CAUTION mark on the system.
- 4/ Please operating the system according to this USER'S GUIDE.
- 5/ Only the fittings supplied by the maker of this system are allowed to be used, to avoid danger.
- 6/ Keep this system far away from raining or wet place.
- 7/ Keep this system at dry and well ventilated environment.
- 8/ Keep this system far away from hot object.
- 9/ Power: Only the power volt marks on the receiver are allowed.
- 10/ Don't use the system under the environment as follow, Disassembling only allowed by professional technician.

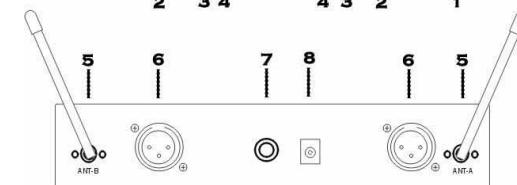
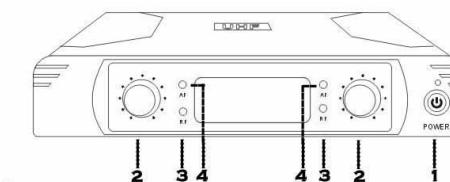
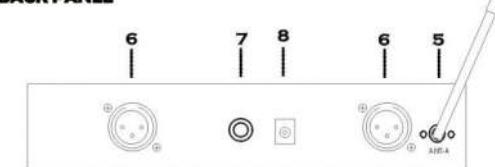


## RECEIVER—front side

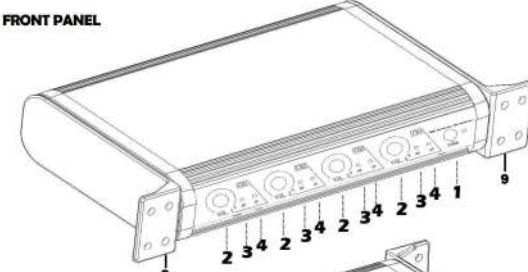
FRONT PANEL



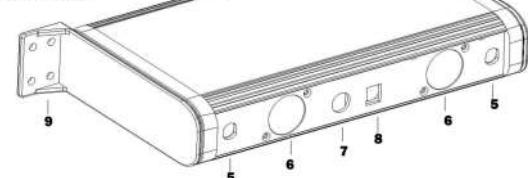
BACK PANEL



FRONT PANEL

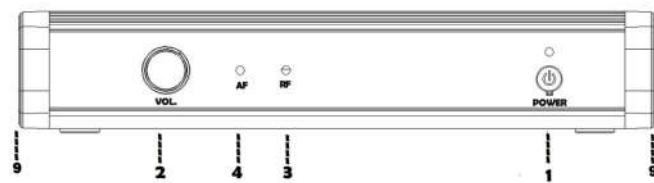


BACK PANEL

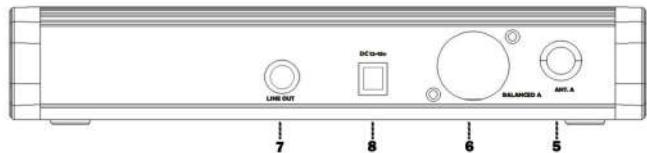


## RECEIVER—front side

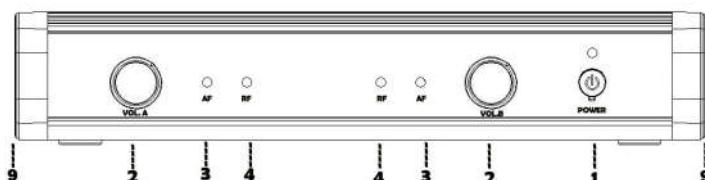
### FRONT PANEL



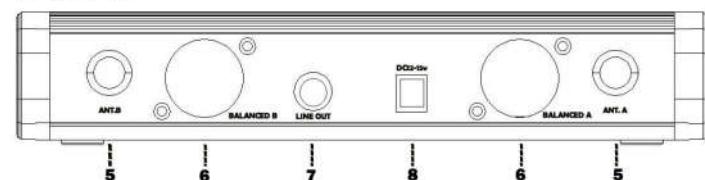
### BACK PANEL



### FRONT PANEL



### BACK PANEL



1/ POWER SWITCH

2/ VOLUME: CH.A , CH.B

3/ RF indicator: When Transmitters are working, the receiver's RF light.

4/ AF indicator: The AF lighting when receiving the transmitter's audio signal.

## RECEIVER—back side

5/ Antenna

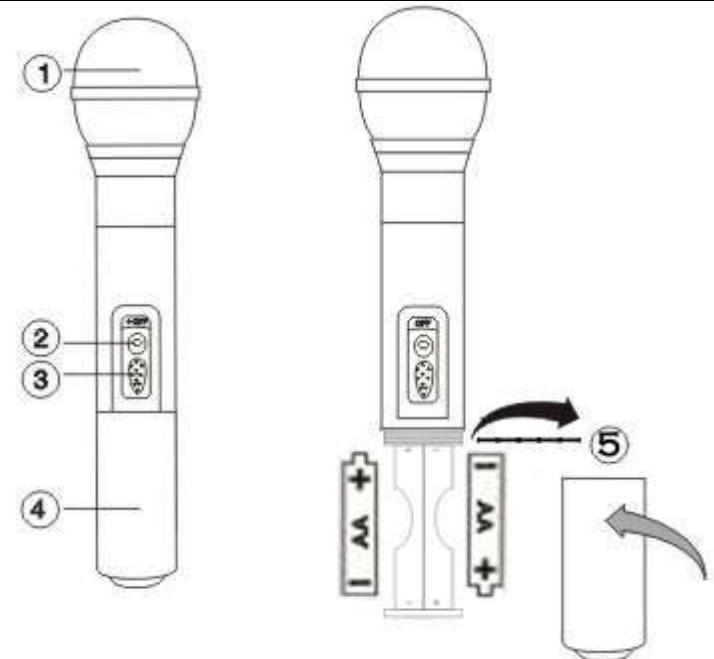
6/ Balanced XRL connector

7/ Mixed AF Output: (for Ø6.35mm connector)

8/ AC power: ( 110/240V, 50Hz)

9/Rack Mount

## HANDHELD MICROPHONE



### ▲ Characteristic of HANDHELD microphone

1/ Wind Screen

2/Power Indicator

3/ON/OFF Switch

4/Batter Cover

5/ Batter Case: with 2pcs of 1.5v AA battery

### ▲ Assembling The Battery

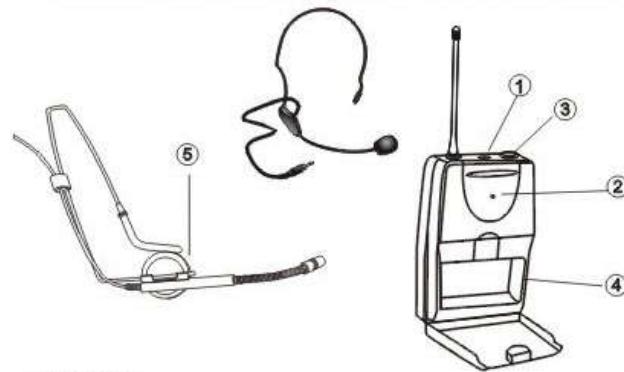
1/ Turn the SWITCH to “OFF”, take off the BATTERY CASE COVER in Anti-clockwise direction.

2/ Put on 2PCS of 1.5V AA battery (⚠CAUTION: make sure the battery in right polarity)

3/ Install the BATTERY CASE COVER.

⚠ Take off the batteries if not using for long time, the waist batteries must be take to Recycling Box.

## BODY-PACK TRANSMITTER



### ▲ FUNCTION

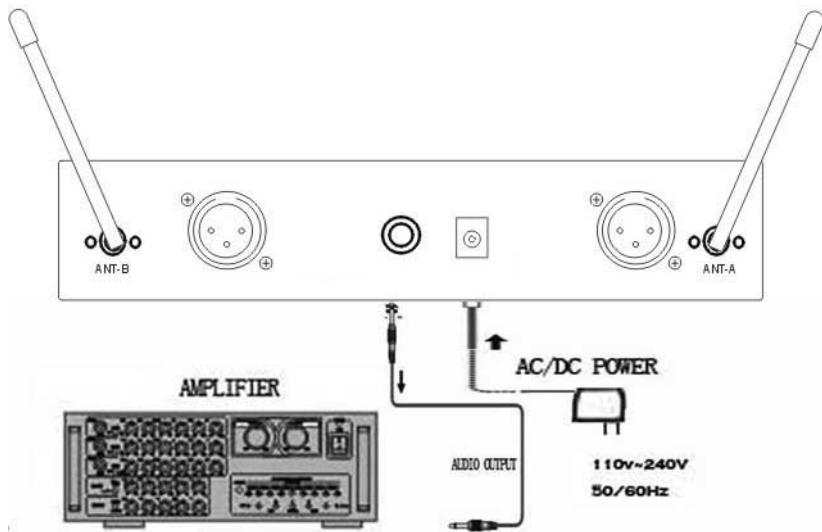
- 1/ POWER SWITCH
- 2/ POWER INDICATOR: Turn on the microphone, the indicator twinkles for a second means the microphone is working.  
If the indicator is lighting means it is in low battery, it reminds you to change the battery.
- 3/ MIC: for connecting the suitable CONDENSER Clip-Microphone or Headset-Microphone.
- 4/ BATTERY CASE
- 5/ HEADSET MICROPHONE.

### ▲ OPERATING

- 1/ Put the BODY-PACK TRANSMITTER on your belt, or GUITAR belt.
- 2/ Insert the CLIP MICROPHONE, or HEADSET MICROPHONE, or GUITAR cable to the transmitter.
- 3/ Turn On the transmitter.
- 4/ Check the RF signal of the receiver , to make sure it receives the signal.
- 5/ Adjust the volume to suitable place, then you can start playing and singing.
- 6/ Turn off the power when finish.

**⚠ Take off the batteries if not using for long time, the waist batteries must be taken to Recycling Box.**

## CONNECTING THE RECEIVER



### ▲ CONNECTING THE RECEIVER

- 1/ Connect the receiver to an amplifier or mixer by using a cable with 3pin XLR, or a cable with Ø6.35mm connector.
- 2/ Connect the power adaptor.

**⚠ Before connecting the power adaptor, make sure the AC voltage is same as it marks under the power jack. Don put on the power if the voltage is not the same to avoid danger)**

- 3/ For better result, the receiver must be at least 1m from the ground, transmitter must be at least 1m from the receiver.

### ▲ CAUTION

- 1/ Before connecting the power adaptor, make sure the AC voltage is same as it marks under the power jack.
- 2/ Keep the system away from dusty, dirty environment
- 3/ Keep the system away from wet and raining environment.

## OPERATION AND CAUTION

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### ▲ OPERATING

- 1/ Connect the whole system (including receiver, amplifier, speaker, TV, DVD, ect.)
- 2/ Turn the volume of receiver and amplifier to “LOW” place.
- 3/ Turn on the whole system by turn.
- 4/ Turn on the transmitter.
- 5/ Adjust the whole system to a satisfied result.
- 6/ Eliminating the system according the USER’S GUIDE if the receiver contains any breakdown, or to ask those professional technician.
- 7/ When finish, Turn of the transmitter, then turn off the system by turn.

### ▲ CAUTION

- 1/ **Make sure the ANTENNA are assembled in right way, remember that to keep the distance shorter between receiver and transmitter, the better sound result you will catch.**
- 2/ **To avoid to put the receiver beside computer or other system with RF signal.**
- 3/ **Don't put the receiver at the bottom of the equipment closet.**

## REPAIRING WITH SIMPLE FAULT

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- 1/ Turn on the receiver, but the indicator is not lighted.  
Make sure if the power cable is well fixed. Is the socket in good condition  
Is the fuse blown.
- 2/ When you speak, the AF light twinkles, but no sound output.  
Make sure if the volume keep in lowest place, or the audio cable is not fixed well.
- 3/ Timbre becomes bad  
Check the voltage of battery, maybe you need to change the batteries.  
Check the frequency, perhaps there is a same frequency disturbed around you. Do not use two system with same frequency at the same time in a same place (Separate them at least 120m)



**Don't open and repair the system when some serious breakdown happens, please contact the seller or our factory, we will do our best help you.**

## TECHNICAL INDEX

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### ▲ SYSTEM

Carrier frequency range: UHF902.3MHz – 927.7MHz  
Frequency Setting Mode: PLL  
Modulation Mode: FM  
Stability:  $\pm 30\text{ppm}$   
Ambient temperature:  $-10^\circ\text{C} \sim +40^\circ\text{C}$   
Max deviation:  $\pm 15\text{KHz}$   
Dynamic range:  $>90\text{dB}$   
S/N ratio:  $>98\text{dB}$   
T. H. D:  $<0.5\%$   
Frequency response:  $40\text{Hz} \sim 15\text{KHz}$  ( $\pm 3\text{dB}$ )  
Operating range: 60m (under typical conditions)  
AF output: Mixed:  $0^\sim \pm 200\text{mV}$ , Balanced:  $0^\sim \pm 400\text{mV}$

### ▲ RECEIVER

Receiving mode: DPLL  
Sensitivity:  $12\text{dBu/v}$   
Sensitivity modification range:  $12^\sim 32\text{dBu/v}$   
:Audio output: Balanced:  $0^\sim 0.5\text{v}/600\text{k}$   
Mixed:  $0^\sim 0.5\text{v}/5\text{k}$   
Working Power:  $600^\sim 650\text{mA}$   
Power adaptor: 110–120V/220–240V, 50Hz

### ▲ TRANSMITTER

Microphone: dynamic (Hand-held)  
condenser (Body-pack Transmitter/Headset microphone)  
Antenna: Built-in  
Modulation : DSP  
RF output: 1.006 mW (Body-pack) ; 0.365 mW (Hand-held)  
Max Deviation:  $\pm 25\text{KHz}$   
Battery: 2pcs of 1.5V AA battery  
Battery:  $6^\sim 8$  hours