

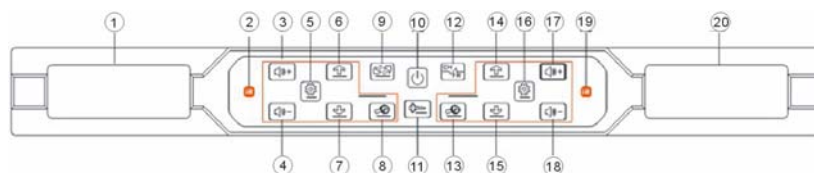
Thanks for choosing Touch Screen Digital Wireless MIC System and welcome to be the member of our user group.。

Please read the instruction carefully before use it to get the best effect.

It is a wireless karaoke system designed for high-grade entertainment application. The UHF Wireless Microphone system, which adopts global advanced DPLL technology with UHF high frequency band, owns professional sound quality. This system can provide 200 frequencies and avoid different interfaces with stable operation and reliable transmission. It has RF ranges from 640-690MHz. . It supports 16 systems 32 frequencies in one room. Besides, the infrared automatic channel targeting design and lock design will help you use this system easier. Create the most perfect sound system is our final design goal; we also aim to provide the excellent product to you.

#### **.Part Name and Function (UHF-599)**

##### **Front Panel**



1&20 A.B channel display. Display SCAN automatic scanning, infrared frequency working state, frequency

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/channel, squelch, RF signal, AF audio output intensity.  
Digital display volume.

2&19 infrared frequency window.

3&4&17&18 touch digital volume icon. Touch to change the volume. The display shows the volume from 1-20, also accompanied by sound drops for reminding.

5&16 infrared control frequency SET touch icons. Touch, receiver to transmitter sends out the control frequency code.

6&7&14&15 touch to change the frequency or channel selection

8&13 SCAN automatic sweep touch icons. Slightly touch the icon before use, it will automatically look for a cleanest frequency point of an environmental clean stop, this frequency as receiver frequency.

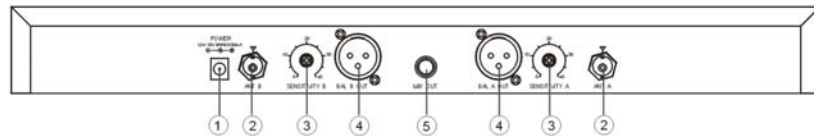
9 sets of frequency, the receiver pre receive 42 groups of mutually non interfering group, light touch this icon, A, B channel display shows the frequency of different groups. If the users find the recommended frequency groups have also been interference, he can use the SCAN automatic frequency scanning function.

10 power switch touch keys: opening and closing power supply ; when the power switch is open, the LCD screen bright. Long press this switch until the display off to shut down the machine.

11 touch screen lock keys. Touch all the function keys to lock all the functions keys on the panel.

12 frequency channel conversion and display.

**Back Panel**



- ① a power socket: connect 12V DC/500MA power input socket. Then inner side is negative, the outer side is active.
- ② the antenna: BNC.
- ③ sensitivity adjustment. Clockwise for sensitivity.
- ④ the 4 audio output: the "XLR" type socket, two channel signals are output.
- ⑤ with a two way audio unbalanced output.

## 2. How to operate the receiver

2.1 before the start, not open the transmitter, turn the receiver volume to minimum, and then press the power button to open the receiver. When the power is turned on, the LCD screen background lights, all the characters are displayed in the same shutdown state of the last time. then the main display column shows the receiver channel, frequency, automatic frequency state, squelch level, the "SET" button can make the main display in various content menu.

2.2 Before the system be turned on, you should observe the auxiliary display bar of the RF and AF level meter, if there is a strong interference, should change the channel to avoid interferences or small receiver sensitivity in the menu.

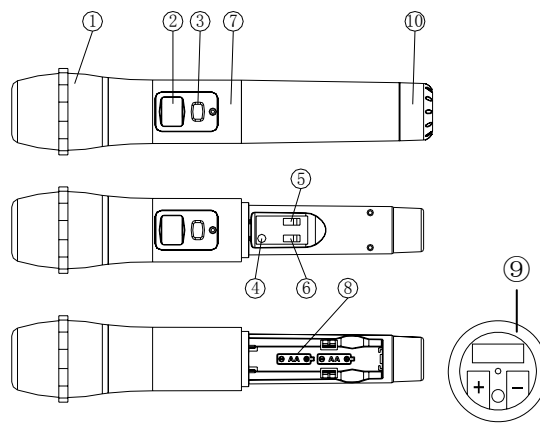
2.3 Open the transmitter power, such as transmitter and receiver to different frequency. RF level intensity control after the completion of the corresponding channel

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frequency receiver display full lattice, the receiver to adjust the volume to the appropriate size, and then the microphone pronunciation, receiver AF level strength with pickup size variation. If there is no sound output and RF level display, this system does not work properly, we must overhaul.

2.4 open the transmitter power, such as transmitter and receiver to different frequency.

### **Handheld transmitter controls: Features and Indicators**



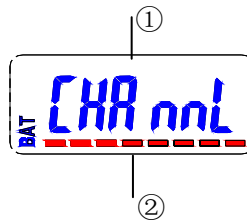
- ① Metal windscreen: Hexagonal-shaped to protect the microphone cartridge from being damaged, reducing breath sounds and wind noise.
- ② LCD display: Indicates channel and remaining battery level.
- ③ Power key
- ④ IR receiver window

- ⑤ RF output power level selector: High (Hi) or Low (Lo)
- ⑥ Lock On/Off switch: If it is set to lock, you cannot change anything from the keys.
- ⑦ Metal handheld
- ⑧ Battery compartment: recommend Ni-MH AA batteries X 2 or AA rechargeable batteries.
- ⑨ Charger port put handheld microphone to UCH-09 charger to charge when LCD indicates low battery in handheld microphone  
The UCH-09 charger can work two microphones at same time
- ⑩ Anti-dropped cover .protect Handheld Microphone is safety

when Microphone drop to floor as same as work like before .

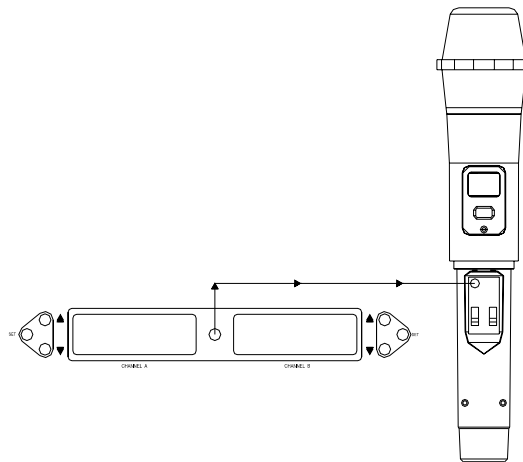
### **Operating the handheld microphone**

The display of handheld transmitter







- ① 6-Letter display channel only
- ② 8-Bar remaining battery level

### **How to use ACT to pair the transmitter and receiver**



ACT is a short for Automatic Channel Targeting. To make the easiest and fastest channel set up between the transmitter and receiver.

Turn both receiver and transmitter on, get the transmitter IR  window close to the receiver within 30 inches, press the SET key on the receiver, the sign  will show on the LCD, it is transmitting the frequency info of receiver to the transmitter, as soon as the sign  shows on the LCD, the pairing is completed and the frequency is set by the system. When the sign  shows, it means the pairing failed and you have to do it again as above stated. Repeat the procedure; you will get the pairing done quickly.

**How to get the best performance**

If you are using more than two set of the UHF dual-receiver, it is better to have the two receiver sets apart from each other, at least 20 cm (10 inches), and the following two systems into the following channels will be suggested to set before use.

14	105	20	177	39	183	48	192
86	145	79	138	68	115	5	169
94	156	54	123				

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**Trouble shooting:**

Some problems and their solutions are identified in the table below.

Problem	Solution
LCD not glowing	Check for proper connection between power adaptor and receiver
No RF signal on receiver	Check both transmitter and receiver channel/frequency correction
No AF signal on receiver	Check microphone audio cable connected body-pack, make sure output cable from receiver is connected
Noise from receiver When transmitter is off	Change frequency / channel, and lower sensitivity on receiver
Audio signal distorted	Decrease audio gain in transmitter and lower audio output in receiver
Short performance Distance and drop RF signal	Switch transmitter output power in hi position and set more sensitivity in receiver or channel frequency/channel Try to set up another pair of channel to test.



**FCC Caution:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

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.