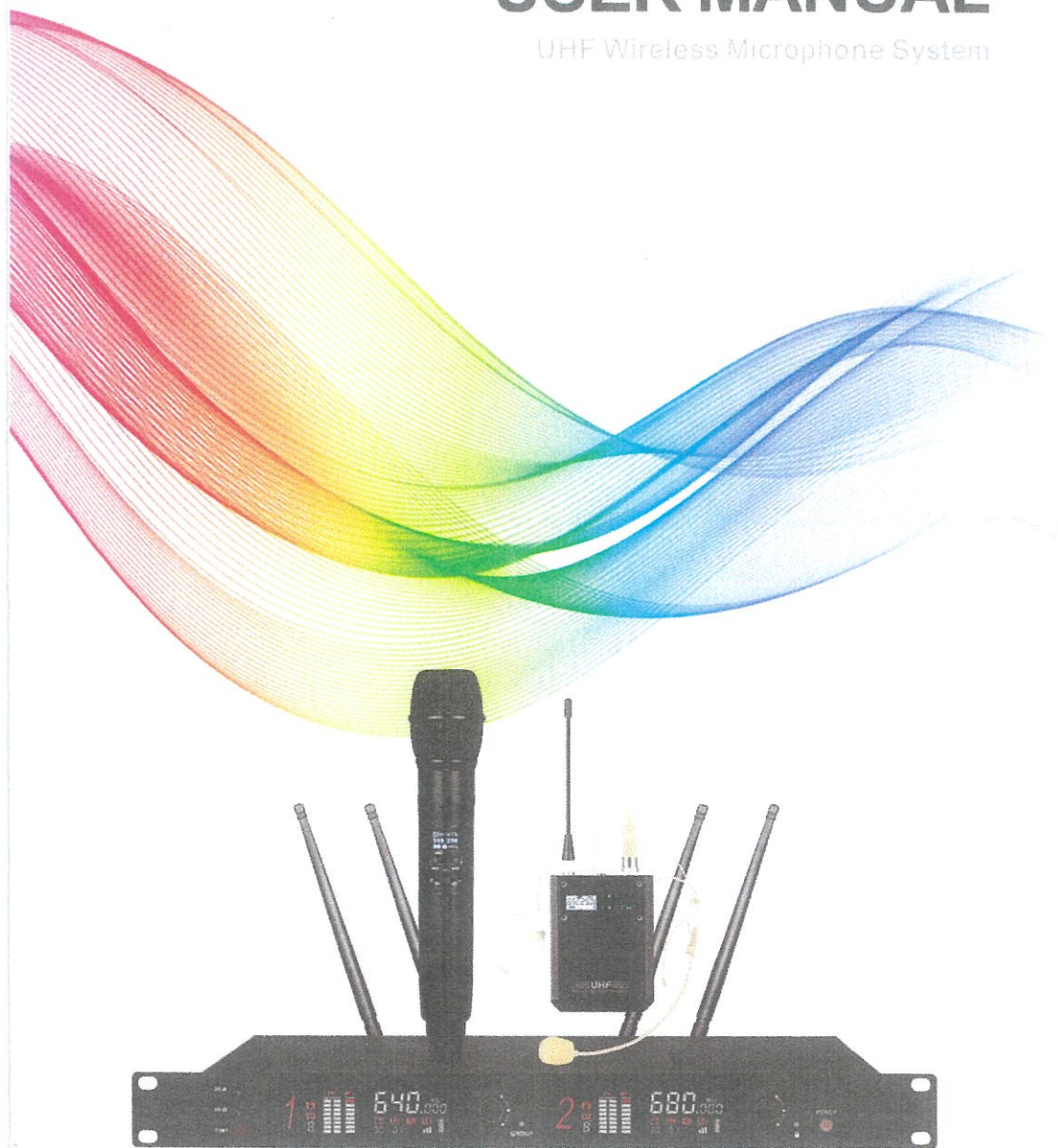


# USER MANUAL

UHF Wireless Microphone System

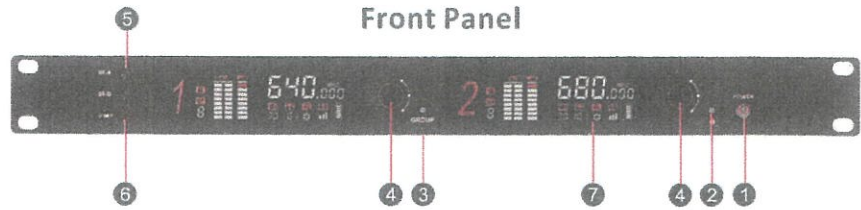


Thank you for choosing our products, please read the manual carefully before using.  
Please contact the local dealer if any doubts.



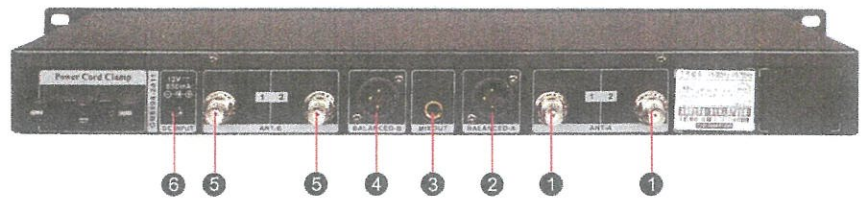
## Receiver LCD Interface

### Front Panel



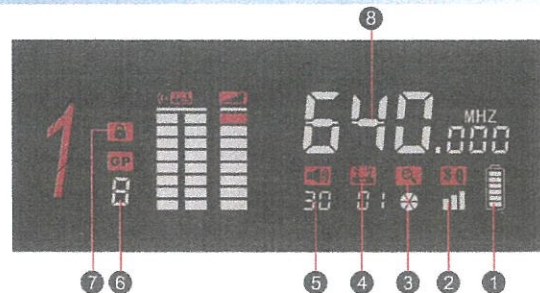
- ① Power Switch
- ② Lock
- ③ Group
- ④ Menu Navigation Wheel
- ⑤ IR Sync Button
- ⑥ IR Sync Window
- ⑦ LCD Info Display

### Back Panel



- ① RF Antenna A/B Input Jack
- ② Balanced XLR Audio Output
- ③ A 6.3mm Balanced TRS Audio Output
- ④ B 6.3mm Balanced TRS Audio Output
- ⑤ RF Antenna C/D Input Jack
- ⑥ Power Supply

## LCD Info Display



- ① Battery Runtime Indicator
- ② SQ Display
- ③ Scan Display
- ④ Working Channel Display
- ⑤ Volume Indicator
- ⑥ Group Number
- ⑦ Lock Indicator
- ⑧ Working Frequency

## Handheld Transmitter Interface



## Notes to use the microphone properly



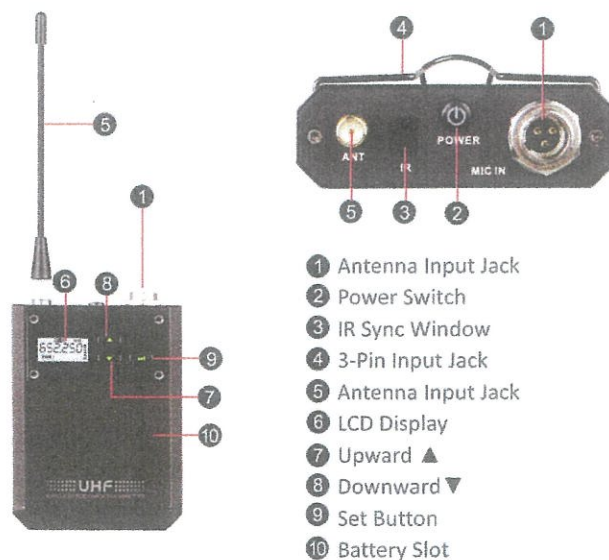
**Note 1:** Do not hold the transmitter grille with your hand, it's easy to block microphone to pick up the sound and cause changes.

**Note 2:** Do not hold the bottom of the handheld transmitter with your hand as the integrated antenna is placed here. RF signal will be obstructed which will affect the performance of microphones, and the working distance will be shortened easily.

**Note 3:** The correct way to use a handheld is to hold the middle part of the handheld body.



## Beltpack Transmitter Interface



Optional:



Lavalier



Headset

## System Specifications

Receiver		Handheld		Bodypack	
Frequency	560-620MHz	Frequency	560-620MHz	Frequency	560-620MHz
Oscillation Mode	DPLL	Modulation Mode	FM	Modulation Mode	FM
Fre Response	50Hz~17KHz	Oscillation Mode	DPLL	Oscillation Mode	DPLL
Sensitivity	Deviation 35KHz	Harmonic radiation	>45dBm	harmonic radiation	>45dBm
Fre deviation	75KHz @T.H.D<1%	Transmit power	5-25mW	Transmit power	18mW
S/N	>95dB	Fre deviation	75KHz @T.H.D<1%	Fre deviation	75KHz @T.H.D<1%
RF stability	±0.005% (-10~50℃)	Fre Response	50Hz~17KHz	Fre Response	50Hz~17KHz
T.H.D	<0.7% @1KHz	Transmitter Type	Dynamic	Transmitter Type	Condenser
Channel	200	Use time	>10hours	Use time	>10hours
Working range	100meters	Operating current	<130mA	Operating current	<130mA
XLR impedance	680Ω	Power supply	2*1.5V AA batteries	Power supply	2*1.5V AA batteries

## Receiver Interface



### Menu Navigation 1: Volume Control

Rotate the "Wheel", to turn up/down the volume.  
Range from 0-31.




### Menu Navigation 2: Manual Tuning Frequency

Press "Wheel" twice, LCD display "frequency" is flickering , rotate the "Wheel" to change the frequency. There are 100 frequencies points and bandwidth is 30KHz. When frequency tuning is done, it takes 3seconds to lock the appointed frequency. Sync procedure shall start later on.







### Menu Navigation 3: Scan

Press "Wheel" twice, then rotate the "Wheel" clockwise or anticlockwise to activate . It will automatically Search for the least intrusive-free channel in your workspace and lock it. Within 40 seconds, do not turn off the power or any other buttons. When completed, the cleanest available frequency will be locked. Sync procedure shall start later on.



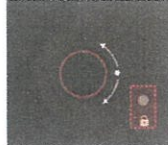
## Menu Navigation 4 : SQ Adjustment

Press "Wheel" button three times, LCD display will come out with SQ , then rotate the "Wheel" to adjust SQ. The highest is , lowest as  This optimal setting allows to work up to 150 meters. If you set SQ to , it's expected to work around 60 meters.



## Menu Navigation 5 : Group

Press the "GROUP" button to create a group of frequencies. There are 8 groups of preset frequencies. It allows up to 8 groups of frequencies to be used in same place at the same time. Slight frequency adjustment may apply.



Menu Navigation 6 : LOCK

Press the "LOCK" button to lock the system. After locking, all function keys can not be used, but the transmitter in use can be used in normal. Press the system lock button again if you need to unlock the system.



### Display Alarm

When the system is disconnected or unconnected, the display color of the LCD is red, indicating that the system is in standby mode and no signal from the transmitter is received. When the system is normally turned on and sync, the display color of the LCD will become white, indicating that the system is connected.

## System Sync



Use this procedure to tune a receiver and transmitter to the best open channel.

1. Power on the receiver first and later on the transmitter. Press the "IR-A" or "IR-B" sync button on the receiver.
2. Align the IR windows until the receiver IR port signal is received and "RF" displays on LCD display. Distance between the receiver and transmitter shall be within 30cm.

**Note :** If the system sync fail , please repeat the above procedure.

## Caution-Safety Guide

1. For full ventilation, the minimum clearance around the equipment is 10cm;
2. Ventilation holes should not be covered with items.
3. No exposed flame sources, such as lit candles, should be placed on the equipment;
4. Keep away from water, any liquid or moisture circumstances.
5. No any cable breaker, iron powder, or water into the chassis. Otherwise, A risk of fire, short circuit and technical failure.
6. Cut off the power supply When installing, disassembling and wiring. A risk of electric shock.
7. Do not disassemble the machine. Otherwise, a fault occurs.
8. Please follow the manual guide always.
9. Please connect the system correctly according to the standard of the machine connection, specified power supply and construction method.
10. The terminal marked with the danger warning sign "⚡" on the equipment is a warning of dangerous electrification. The external wires connected to these terminals should be installed by a guided person Or use ready-made leads or cords.

