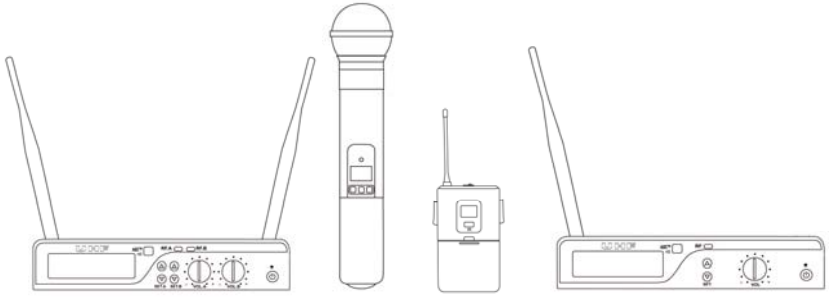
User’s Manu
for
wireless microphone



Dual Channels　　Single Channel

When you want to set-up a new frequency, please do use the AUTO Searching function by pressing Set-Up key in 1 seconds of the receiver to search the best frequency around you, and then press the Set-Down key for 1 seconds and put the transmitter IR close to the Receiver IR window, to match the receiver and transmitter in same frequency.

Don’ t just press the Set-UP or DOWN key to change a new frequency simply.

▲2*100 Channels　　▲1*100 channels

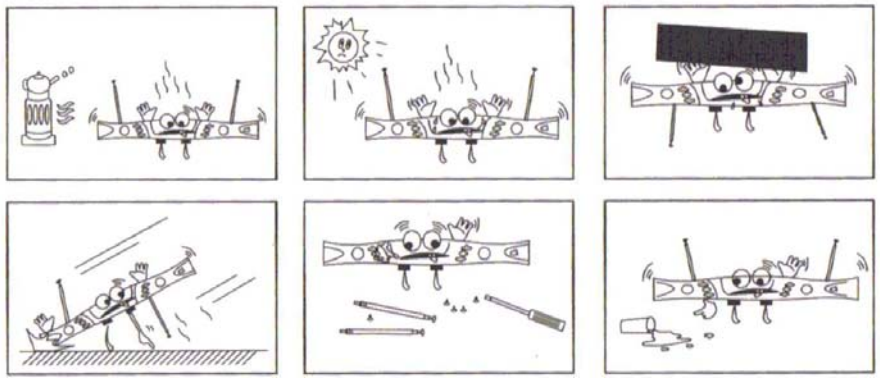
▲Auto channel searching，infrared channel matching

▲microphone (transmitter) can be worked with anyone of this receiver

Preview

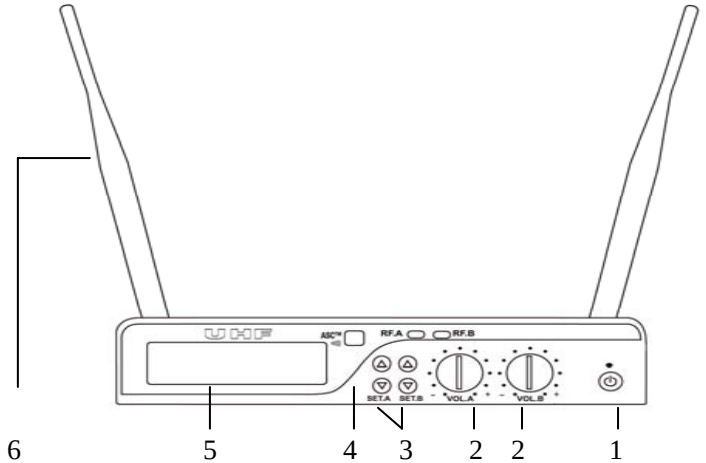
Welcome to choose this UHF wireless microphone system. This UHF wireless microphone system is professionally designed and manufactured with:

- Perfect sound quality
- The improved DPLL receiving mode with multi-channels
- UHF frequency, 2*100 channels to avoid interference.
- 100 frequencies in each Microphone makes more stable operating , more reliable transmitting.
- Auto-channel-searching and locking makes the operating easily.
- Infrared-channel-matching makes the operating of matching the receiver and transmitter in same frequency easily.

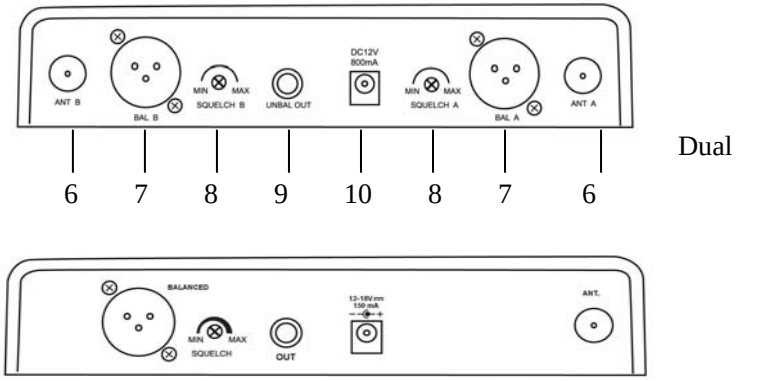


Don't operate the system under the following situation, for any repairing, only professional technicians are allowed to avoid danger.

Receiver Operating----------Receiver Front Panel



Receiver Rear Panel



1. Power On/Off
2. Volume
3. Set-A and Set-B

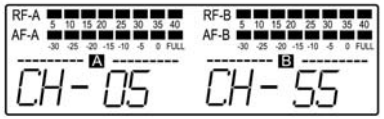
Searching Best Frequency: Press "SET--▲" key for 1 second to search the best operating channel (frequency)

Auto Matching: Press "SET--▼-" key for 1 second, put the transmitter ASC aim to the receiver ASC window, transmit the channel index to transmitter, it may automatically matching the channel between receiver and transmitter.

press "▲" or "▼" in 3 second to change the selected channel, press "SET-▼" key for 1 second again to match the transmitter (we don't prefer to change the channel in this way)

4. ASC window
5. LCD display: Channel number, RF level, AF level, Mute, Frequency
6. Antenna
7. Audio balanced output
8. Squelch and noise mute adjusting button. Adjusting range is 0-40dB.
9. Audio Unbalanced output
10. Power Jack: connecting a 12v DC 50/60Hz adaptor for power.

LCD of receiver



Dual **Single**

1. 8-level RF display: to display the RF level
2. 8-level AF display: to display the AF level
3. Frequency display: when FREQ lighting, the last 6 figure means the working frequency.
4. Channel Display: when CHAN lighting, it display the working channel.
5. Channel or Frequency display. It shows the working channel or frequency.
6. MUTE display: MUTE lighting means the system hasn't receive the RF signal.

Receiver Operating

1. Turn Off the transmitter, Turn the Volume to "low".
2. Turn on the receiver, check the RF and AF level, if interference too large, change the channel to avoid any interference .
3. Turn on the transmitter, the working RF-level display lighting, turn the volume to suitable level, then speak, the AF-level display working according to your voice.
4. Take off the power switch when finish using.

Auto searching Channel

1. Set-up the left Channel (Set.A)

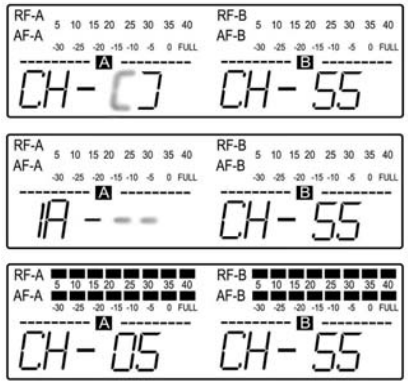
Press "SET--▲" key for 1 second, the display shows the system is automatically searching the best workable frequency (channel). (Picture 1).

Infrared matching channel

Put the transmitter's ASC sensor close to the receiver's ASC sensor, press "SET--▼" key for 1 seconds, it will automatically transmit the channel index to the transmitter (microphone)----(Picture 2)

After the 1st and 2nd steps fnished, the handheld microphone (transmitter) LED light,means working.

Dual



Single

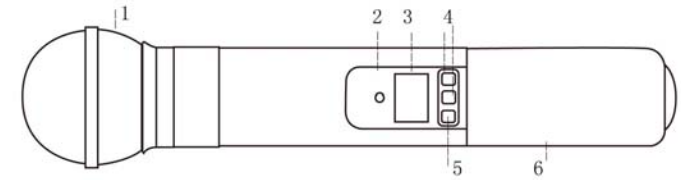
2. Set-up the right channel (Set.B)

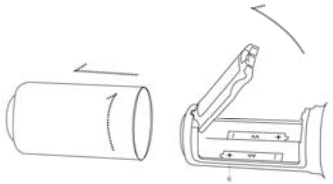
Set-up the right channel (Set.B) in same steps.

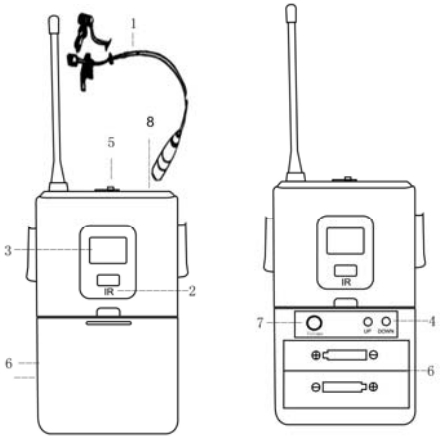
When the microphone and receiver shows same channels, the system is workable.(Pic. 3)

Remarks: press "▲" or "▼" in 3 seconds to change the working channel. (we don't prefer to change the channel in this way)

Function of Handheld Transmitter(Microphone in Metal body)







1. Microphone head
2. ASC sensor
3. **LCD display**
4. **Up/Down key, for changing channel or frequency**
5. **Handheld mic---Power ON/OFF switch—press it for 5 seconds**
   Mute—Press it for 3 seconds
   Bodypack Transmitter: ON—MUTE--OFF
6. **Battery case: 2pcs of 1.5v AA batteries.**
7. **Gain**
8. **Microphone Input Jack**

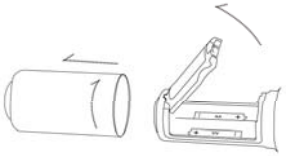
LCD display of transmitter (Microphone)

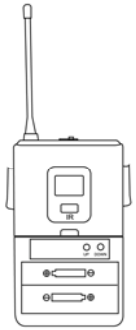
1. Frequency : indicate the working frequency
2. Channel: indicate the working channel
3. Low battery display: indicate the battery state.

Operating of the handheld transmitter (Microphone)

1. Turn on the transmitter, the LCD display will show the frequency, channel, battery state.
2. If the display show different frequency (channel) with receiver, take the microphone "ASC sensor" close to the receiver "ASC" window, press the receiver "SET--▼" key for 1 second, check again the receiver and microphone are in same frequency (channel), the RF light on the front panel of receiver lights, then the system is workable.

BATTERY





1. Screw out the battery case cover, push it out.
2. Put in 2 new 1.5v AA (NO.5) batteries, please make sure the batteries in right direction.
3. Push the cover in and make it tighten.

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

Technical Index

System

Carrier Frequency Range: 470-608MHz
Mode: FM (wide band)
Channels: 100 channels * 2
Channel distance: 1MHz
Stability: +/- 0.005%
Dynamic Range: 100dB
Max deviation: +/-45KHz with level limiting
Frequency Response: 60Hz-18KHz (+/-3dB)
S/N ratio: >98dB
T.H.D.: <0.5%
Operating Range: 80m (under typical conditions)
Ambient Temperature: -10℃~+50℃

Receiver

Receiving Mode: DPLL
M Frequency: 110MHz, 10.7MHZ
Antenna input: BNC/50Ω
Sensitivity: 7dBuV (90dB S/N)
Sensitivity Adjusting Range: 12-32dBuV
Noise Rejection: >75dB
Max output Level: +400mVp

Transmitter(microphone)

Antenna: Built-in
RF Output: 2.88mW
Noise Rejection: -60dB
Power: 2pcs*1.5v AA batteries