

MODEL:W2

UHF WIRELESS MICROPHONE SYSTEM

Before using the machine please read this owners manual carefully

SYSTEM COMPOSITION

- 1、 Receiver. X1
- 2、 Receiver Antenna. . . . X4
- 3、 Handheld Microphone
(or Body-pack). X2
- 4、 Audio Cable. X1
- 5、 Power Adaptor. X1
- 6、 1.5VAA Battery. X4
- 7、 User Manual X1



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user guide

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Warm Suggestion:
Thank you so much for choosing our excellent wireless microphone series products, please read this owner's manual before using.

8. TECHNIQUE SPECIFICATION

● Comprehensive Performance

Carrier Frequency UHF600-990MHz
Frequency Stabilization 30ppm
Dynamic Range 100dB
Total Harmonic Distortion 0.5%
Frequency Response 40Hz~15KHz 3dB
Audio Output Level Balance 400mV Unbalance 400mV

● Fixed Receiver

Power Supply DC13.5V 1500mA
Consume Power 10 WATT
S/N Ratio 95dB
Image & Spurious Rejection 80dB
Border Upon Channel Rejection 80dB
Receiving Sensitivity 5dBuV
De-emphasis 50uS

● Handheld Microphone

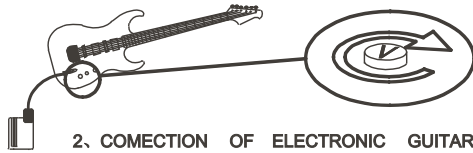
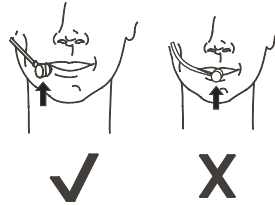
Transmitter Power 30mW(Max)
Modulation Type FM
Deviation 40KHz
Spurious Emission 60dB
Battery Voltage 3V(2x1.5V AA Battery)
Continuous Using 5 hours

● Bodypack Microphone

Transmitter Power 30mW
Modulation Type FM
Max Deviation 25KHz
Spurious Emission 40dB
Battery Voltage 3V(2x1.5V AA Battery)
Continuous Using 5 hours



1. HEADSET 2. ELECTRONIC GUITAR 3. LAN MIC

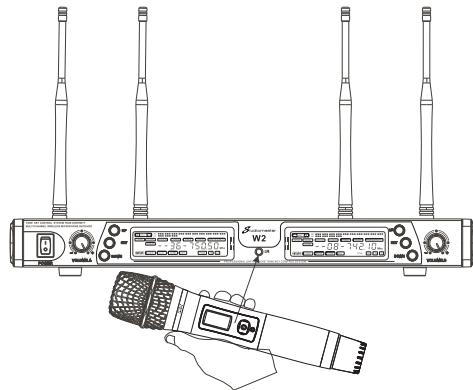


2. COECTION OF ELECTRONIC GUITAR

7. RECEIVER OPERATION

- Pull out the antennas, make them to be perpendicular with the receiver.
- Conect the audio cable:
Mix Output: Use the MIX socket on the real panel of the receiver.
Balance Output: Connect the "BALANCE OUT" socket to (22)\(23), while the other side to "MIC IN" or "AUX IN"
- Turn on the receiver(1), LCD(6) and (8) is lighting.
- Adjust the function(4) or (10)as needed(see Display operation in front)
- Syncing as picture show below: Push the "SET" button in 3 secs, the receiver start to send IR signal in 15 seconds.

SYNC OPERATION



Tips: SYNC function is only workable within 30 seconds when the receiver is under un-locked status.

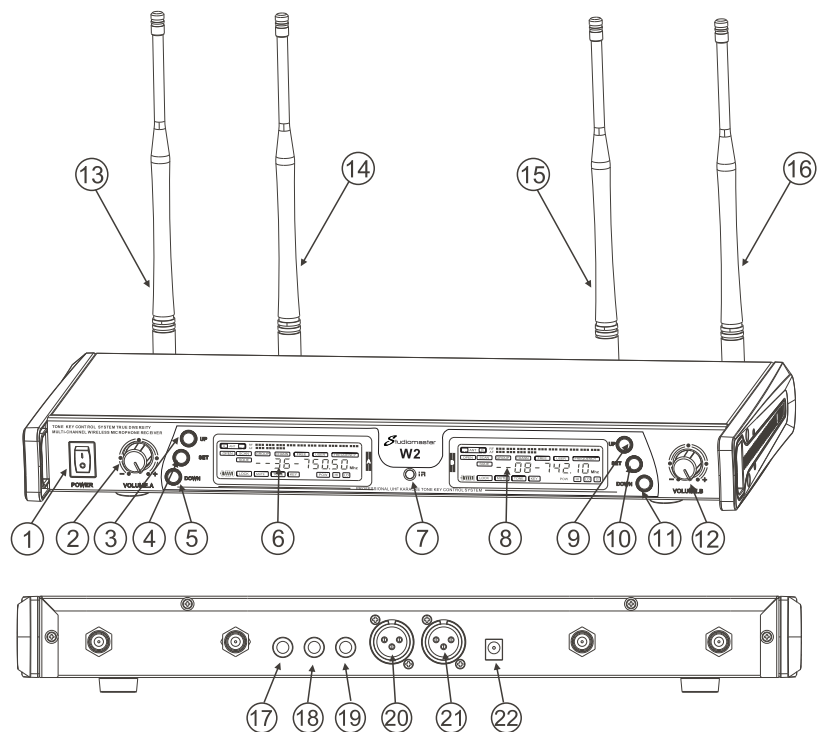
1. BRIEF INTRODUCTION

This wireless microphone system has adopted the most advance technology--Digital Pilot control circuits. Each microphone preset 30 groups, and each group contains 8 channels. The microphone have a lock function once synced with the receiver, in that case, the receiver can only receive audio signal from this synced microphone. So it can guarantee 200 sets microphones using together without interference, and the microphone was designed as ani-fal & anti-skid, obtained excellent sound. In conclusion, for its strong anti-interference capability, this microphone system is the best choice for multi-rooms high class and stage use.

2. MAIN FEATURE

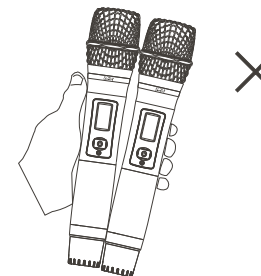
- Using UHF 600-999 MHz band to avert interfering frequency
- True Diversity Receiver, guarantees no dead spot in working area
- Adopt advanced digital pilot technology, preset 30 group frequencies, 8 frequencies in each group, it can ensure 200 sets use together without interference
- Automatic frequency scan feature searches for available frequencies
- PLL system, preset 240 non-interfered channels, adjustable 600 free frequencies
- Splendid LCD display, shows the RF level, AF level, channel and frequency
- It can adjust the transmitter power (high/low) from the receiver
- Handheld microphone can be recharge
- Ideal using distance: 80m
- Standard 19-inch mounting dimensions
- Designed for KTV rooms and stage use

3. RECEIVER



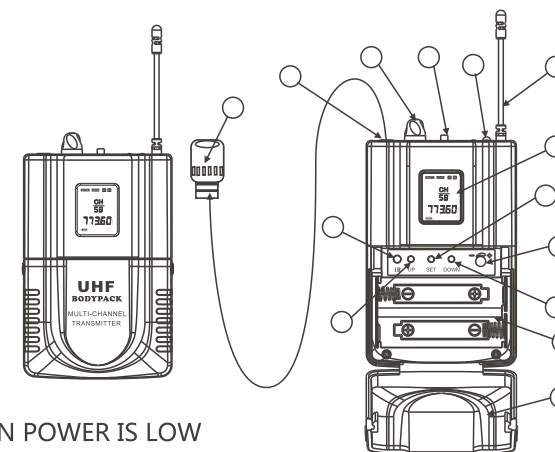
- | | |
|----------------------|---------------------------|
| 1. POWER SWITCH | 2. A-VOLUME CONTROL KNOB |
| 3. A-UP BUTTON | 4. A-SET BUTTON |
| 5. A-DOWN BUTTON | 6. LCD WINDOW A |
| 7. IR WINDOW | 8. LCD WINDOW B |
| 9. B-UP BUTTON | 10. B-SET BUTTON |
| 11. B-DOWN BUTTON | 12. B-VOLUME CONTROL KNOB |
| 13. ANTENNA-1.A | 14. ANTENNA-1.B |
| 15. ANTENNA-2.A | 16. ANTENNA-2.B |
| 17. MIX OUTPUT | 18. B-MIX OUTPUT |
| 19. A-MIX OUTPUT | 20. B-BALANCE OUTPUT |
| 21. A-BALANCE OUTPUT | 22. DC INPUT |

3 Don't put two microphones too close when using



- 4 Attention using distance between microphone Grill and mouth is less than 15cm.
- 5 Avoid pointing the Grill against the horn.

6. BODY PACK TRANSMITTER(optional)



1. MICROPHONE
2. INPUT SOCKET
3. -VOL
4. ON OFF
5. POWER LIGHT WHEN POWER IS LOW
6. ANTENNA
7. LCD DISPLAY
8. IR
9. UP
10. SET FUNCTION BUTTON
11. - SQUELCH ADJUST
12. DOWN
13. BATTERY SINK 2X1.5V AA BATTERY, MIND THE POLARITY
14. BATTERY COVER



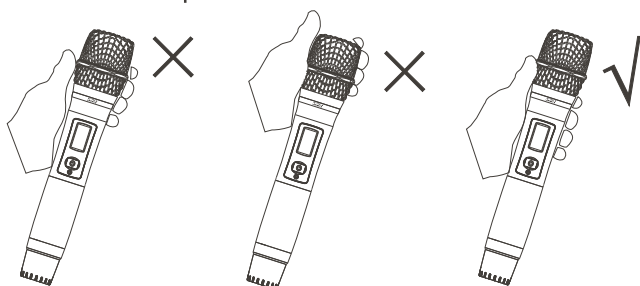
Under working status, long press On/OFF button until see OFF, then the microphone is OFF

- Remove the batter cover, insert 2x1.5v AA battery on correct polarity.
- Long press ON/OFF button for 3 sec, if LCD dose not light, check whether battery on correct polarity or battery is low of power. If the LCD display of Battery indicator is flashing, please change for new battery.
- When SYNCING, battery cover must be removed, and direct the microphone ACT spot to the ACT spot position.
- The microphone can only work under the same frequency with Receiver.
- When turned off, memory is saved for next use

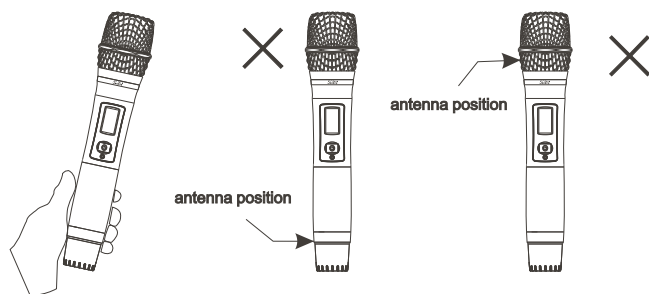
Note : the SYNCING period is within 30 seconds.

HANDHELD MICROPHONE USING TIPS

1 Don't hold the microphone Grille

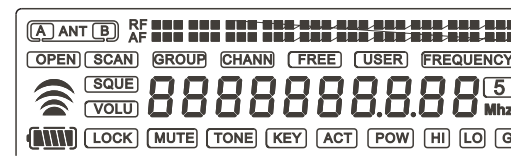


2 Avoid holding the microphone on antenna position



4. DISPLAY OF RECEIVER

1. When turning on the receiver, all characters on the LCD screen will appear 1 second, then the receiver is working:



RF ■■■ ■■■ RF: radio signal, the stronger signal the more block.
AF ■■■ ■■■ AF: audio signal, the stronger signal, the more blocks.

(A) ANT (B) ANT: Indicates adapted antenna.

IR Sync sign.

OPEN Un-locked status: it can make function set under this status.

LOCK Locked status: the button is ineffective under this status.

GROUP Indicates the working group.

CHANN Indicates the working channels.

MUTE Indicates the receiver is under "MUTE" status

TONE KEY Indicates digital pilot control status.

POW HI LO Indicates the power of TX.

Battery icon Indicates the battery of TX.

2. DISPLAY FUNCTION OPERATION

When the receiver working, the system is locked. Push the set button in 3 seconds to un-locked the system before setting. Display A is for channel A, same as Display B, here we take Display A example to introduce the operation procedure.

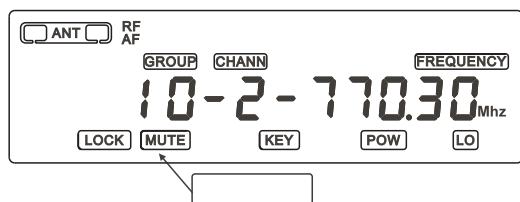
This machine is equipped with the STANDARD MODE and PROJECT MODE for users. The switch between them is holding the SET key to boot, switching. Due to the dual channel can work together at the same time, the system has 2 LCD window. A window is for CHA, B window is for CHB. Below is the operation of CHA.

Note: the below setting is under the "OPEN" status.

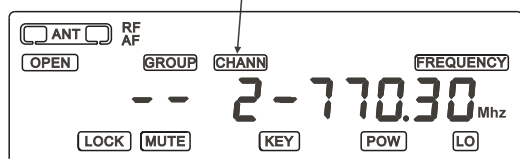
▲ STANDARD MODE

This mode is suitable for most applications:

1. Fixed frequency setting
2. Group setting
3. Transmitter power setting



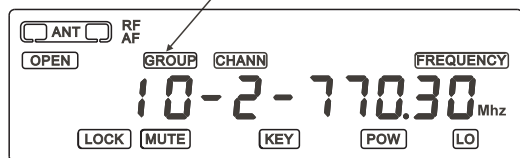
(1) FIXED CHANNEL SETTING :



This status is channels status, preset 99 channel for select, push UP and DOWN button to choose the frequency you needed.

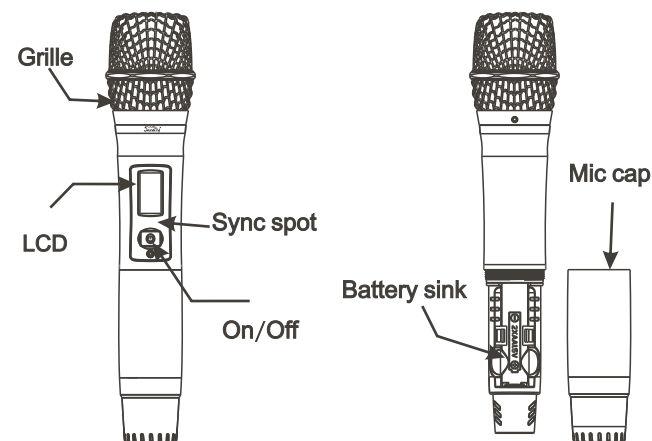
(2) GROUP STATUS SETTING:

a. GROUP SETTING :



When "GROUP" is flashing, push UP or DOWN button to set the different groups, there are 30 groups for each side.

5. HANDHELD MICROPHONE OPERATION

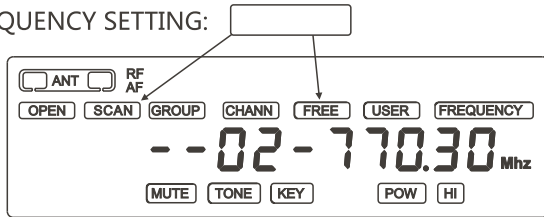


- 1 Grille
- 2 LCD display: Indicates the microphone working condition.
- 3 On/OFF switch
- 4 Battery sink
- 5 Sync spot: Must face to the SYNC spot of receiver for IR scanning.
- 6 Battery cover (or Mic cap)

● Handheld Microphone LCD Function

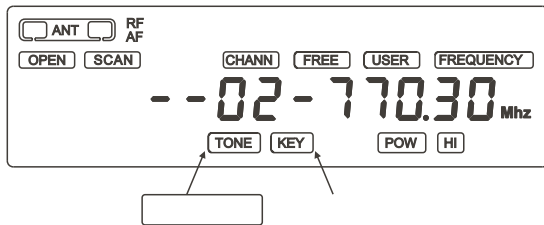
- 1, **KEY** Indicates digital pilot function is on
- 2, **CHANNEL** Indicates working channel
- 3, **GROUP** Indicates working group
- 4, **10-02** Indicates Group 10, CH2
- 5, **HI** Indicates HI power of TX
- 6, **770.30** Mhz Indicates working frequency is 770.30Mhz
- 7, **[Battery Icon]** Indicators battery power

b. FREE FREQUENCY SETTING:



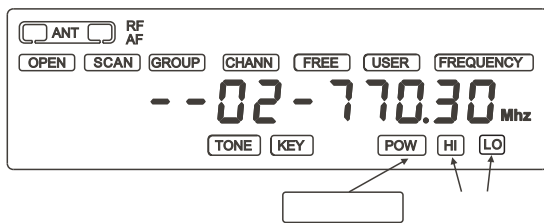
Push the SET button again into this status, when "SCAN" and "FREE" is flashing, push UP or DOWN button to check which frequency is available .

(5) ID CODE SETTING:

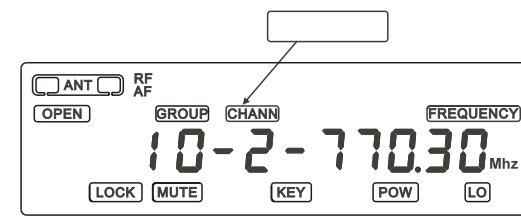


Press SET into this status, when "TONE" is flashing, push UP or DOWN button to turn on or shut off the PILOT function. The "KEY" means turn on, Tips: Do not shut down this function while using. Not recommended to adjust this function.

6 TRANSMITTER POWER SETTING

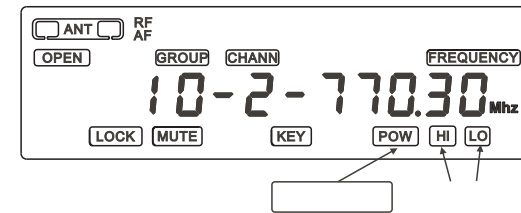


When "POW" is flashing, push UP or DOWN button to set the TRANSMITTER power, "Hi" means high power, "LO" means low power. (Need to re-sync after setting).



When "CHANN" is flashing, push UP or DOWN button to set different channels, there are 8 channels in each group.

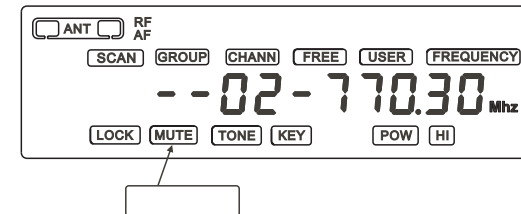
3 TRANSMITTER POWER SETTING



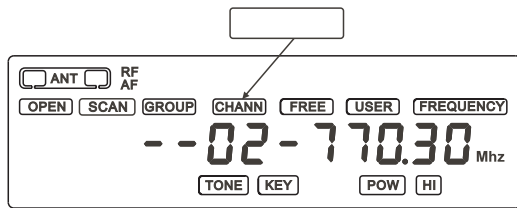
When POW is flashing, push UP or DOWN button to set the transmitter power, "HI" means high power, "LO" means low power. (Need to re-sync after setting).

▲ PROJECT MODE

1. Fixed frequency setting.
2. Group setting.
3. Free frequency setting.
4. Frequcny scan setting
5. ID code setting.
6. Transmitter power setting.



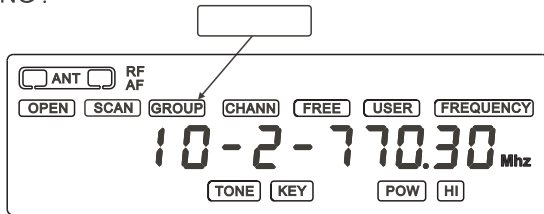
1 FIXED FREQUENCY SETTING:



When "CHANN" is flashing, push UP or DOWN button to adjust the channel there are 8 channels in each group.

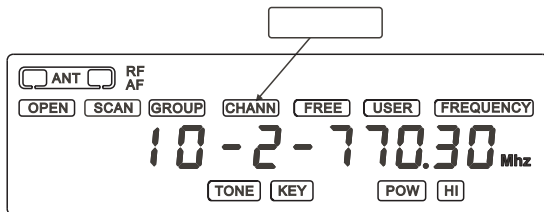
2 GROUP SETTING:

a. GROUP SETTING :



When "GROUP" is flashing, push UP or DOWN button to set different group, there are 30 groups for each side.

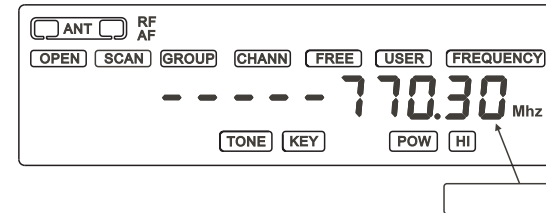
b. CHANNEL SETTING:



When "CHANN" is flashing, push UP or DOWN button to set different channels, there are 8 channels for each side.

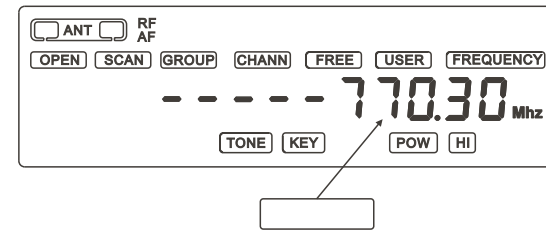
(3) FREE FREQUENCY SETTING:

a. FREE FREQUENCY SETTING (50KHz for each step):



When the frequency is flashing, push UP or DOWN button to set different frequencies, each frequency is 50KHz at interval.

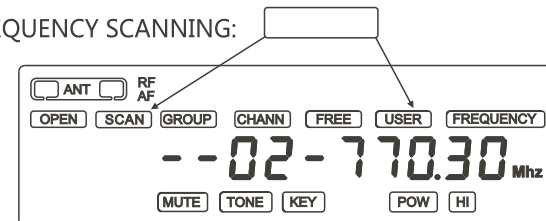
b. FREE FREQUENCY SETTING (1MHz for each step):



Push the SET button again, then enter into this status, when the frequency is flashing, push UP or DOWN button to set different frequencies, each frequency is 1MHz at interval.

(4) FREQUENCY SCAN SETTING:

a. WORKING FREQUENCY SCANNING:



Push the SET button again into this status, when "SCAN" and "USER" is flashing, it can search which frequencies are working right now, push UP or DOWN button to choose different working frequencies.