Professional wireless microphones system

SYSTEM COMPOSITION

1.Receiver.....x1
2.Instrument transmitter.....x1
3.Audio cable.....x1
4.Power Adapter.....x1
5.Receiver battery1.5V AA.....x4
6.USB Recharge Cable.....x1
7.Operation manual.....x1

As the product is constantly improving these won't be any further notice for the improvement

PROFESSIONAL WIRELESS MICROPHONE SYSTEM

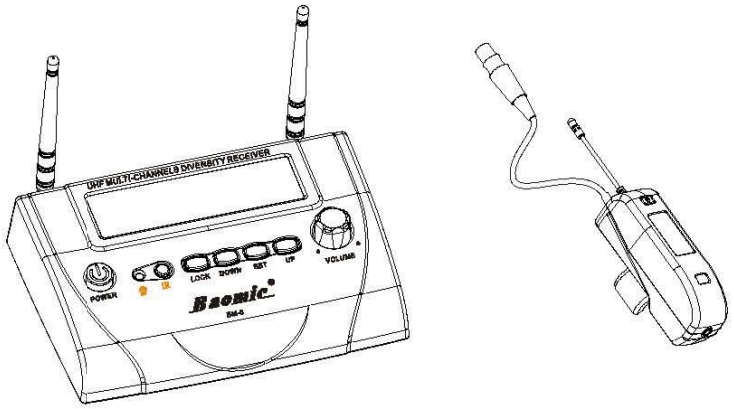
SANGE ELECTRONIC CO.,LTD

Professional wireless microphones system

Baomic®

MODEL : WI5IIC

operation manual



Before using the machine
please read this owners'manual

CONTENT

TO USERS

Declaration:

This equipment is wireless electronic products, it can generate, uses and radiate wireless frequency energy, if not installed and used in accordance with instructions contained in this manual, may cause harmful interference to wireless products communications, please use it in accordance with the local statute. We will provide a number of products with different frequencies, please choose the right one which complies the local requirement. We will take no responsibilities if any problem caused by breaking local statutes.

However, there is no guarantee that interference will not occur in a particular installation. If it happens, the user is encouraged to try to correct the interference by one or more following measures:

RECRIENT OR RELOCATE THE RECEIVING ANTENNA
CHANGE THE WORKING FREQUENCY
CHECK THE SURRODING TO SEE IF ANY SAME OR SIMILAR FREQUECY IS WORKING
CONSULT THE DEALER OR EXPERIENCED AUDIO TECHNICIAN

Copyright:

Noted:

Avoid putting the receiver in a blind angle to make sure the signal receiving in good condition
Please don't throw, fall, flap, toss while it is working in case of damages.
The machine is not waterproof, you must avoid dropping it into water or suffering rains.
Please keep the machine from direct sunshine and put it in a place as far as possible from the magnetic field.
Please insert the battery with the right polarity, and must take out the battery out of the transmitter if not use for time in case of leaking.
Pull out the AC adapter after using the receiver.
When replace a battery, please turn off the transmitter first.
Don't open it by yourself, may the high voltage will hurt you.
There is no refit component exists, please do not open the receiver, or you will lose the right of repairing.
Use the soft cloth to clean the machine, when something hard to clean, you can use the neutral scour, but must not use the volatized gasoline or thinner.

BRIEF INTRODUCTION:

The traditional way of using electric music instrument is by a audio cable connect the music instrument to audio mixer or amplifier to transmit the audio signals, for this reason, it is restricted the music instrument player's moving area on the stage. For solving this problem, our company has been designed and developed a new model which transmit and receive audio signals by frequencies-the wireless music instrument transmit system. We adopt multi high frequencies, multiple noise detect and control etc skills, and it is completely solved the restrictions of the music instrument players on the stage. They can walk anywhere without a long cable and have fun with audience.

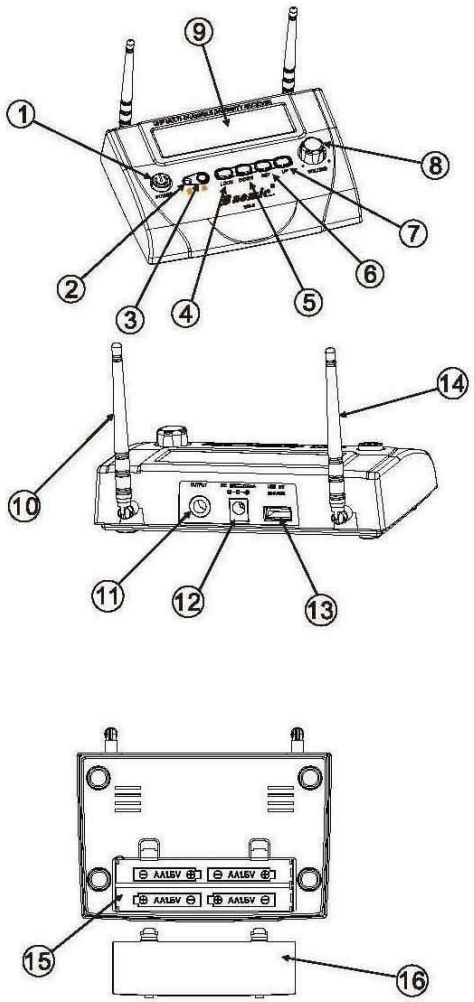
This product is warmly popular by musicians as soon as it promoted.

MAIN FEATURES:

Using UHF 614.200-697.800 MHz band to avert interference frequency.
Antenna diversity receiver, clear the dead spot in working distance.
Splendid LCD display, shows the RF level, AF level, channel and frequency
Automatic frequency scan feature searches for available frequencies.
PLL system. Preset 99 non-interfered channels.
The receiver support DC power supply or AA (1.5V *4) batteries.
SMT technology, guarantees stable function.
The transmitter equipped with lithium battery inside,
it can continuously use 9 hours.
The transmitter can also recharge from the receiver.

CONTROLAND FUNCTION LIST

RECEVIER



1. Power
2. IR SYNC Window
3. IR signal button
4. Lock button
5. Down set button
6. Menu button
7. Up set button
8. Volume konb
9. LCD window
10. Antenna B
11. Mix output Jacket
12. DC power input
13. USB charger
14. Antenna A
15. Battery Sink
16. Battery cover

TECHNIQUE SPECIFLCATION

1.RECEIVER:

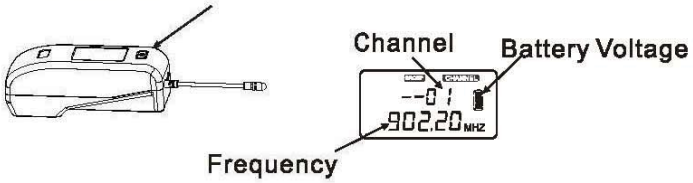
Frequency Range	614.200-697.800 MHz
Modulation Type	F3E
OSC(Oscillator)System	PLL circuit.
Operating Distance	100m(receiver in sight)
De-emphasis	50u/sec
Operating Temperature	0℃- +50℃
Storage Temperature	-20℃ - +70℃
Receiving Sensitivity	SINAD>30dB 10dBuV
Squelch Sensitivity	17dBuV±4dBuV
S/N Ratio	(f1KHz=1mV) 95dB(A)
Audio Output Level at div.f15 KHz	(F40KHz)800mV
Audio Frequency Response	50Hz - 20KHz ±3dB
THD(at SG output 56 dBuv)	(f1KHz)<0.8%
Output Impedance	5K - 10K ohms
Power	DC9V/ 3VAA
Current Consumption	9V/60mA 3V/100mA
Antenna	Dual 1/4 wave length rod antennas
Controls	Audio level volume,Channel select switch,ACT key
Display	ACT SEND(white),Power(red),Low Power(orange), single(green)

2.TRANSMITTER:

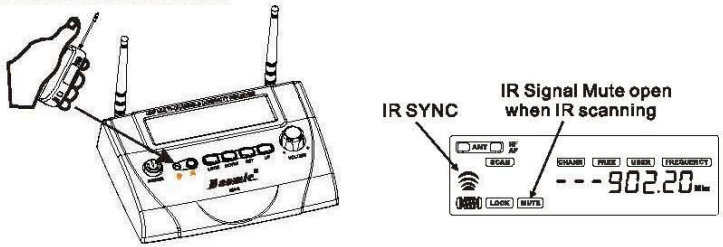
RF Output Power	0dBm±1dBm
Spurious	-50dBm
Modulation Factor	40KHz
Pre- emphasis	50usec
Maximum Input Level	+2dBV
Input Impedance	20K ohms
THD	<0.8%(1KHz 100mV)
Audio Frequency Response	50Hz-20KHz ±3dB
Operating Power Voltage	1.5V Typical, 1.1V Minimum, 2V MAX
Current Consumption	80mA
Battery Life	8 Hours (AAA Size battery)
Antenna	Permanently attached 1/4 wave length wire
Controls	Power Switch,15dB Pad Switch
Indicators	Power On(LED Flash), Low Battery (LED ON when battery less than 1.1V), ACT(LED Flash)

TRANSMITTER OPERATION

LCD DISPLAY



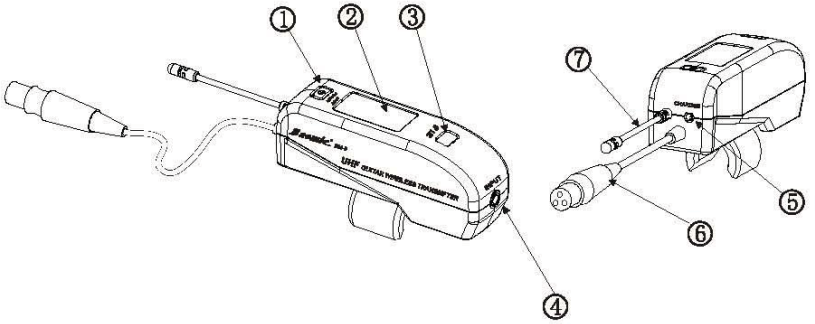
IR SYNC Inferaed download



The IR button is used to transfer the selected frequency info from the receiver to the transmitter for quick synchronization prior to use. Begin programming by holding the wireless transmitter's IR window about 6-12" from the receiver's IR window. Press the receiver's IR Sync button once to begin the IR sync download of the selected frequency to the transmitter.

GUITAR TRANSMITTER

(Right Angle for example)

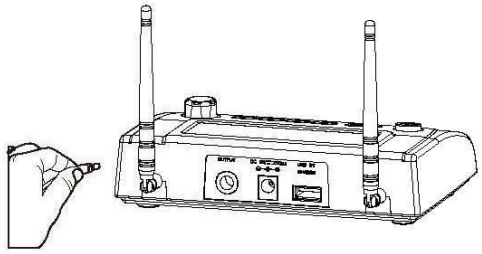


1.Power
2.LCD window
(Right Angle for example)
3.IR SYNC Window
4. Audio input
5. Charge hole
6. plug
7.Antenna

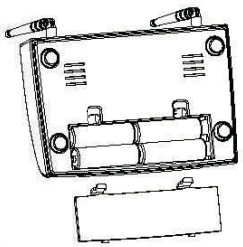
RECEIVER OPERATION:

1.Power the receiver

Connect the DC power to the rear DC input jack.

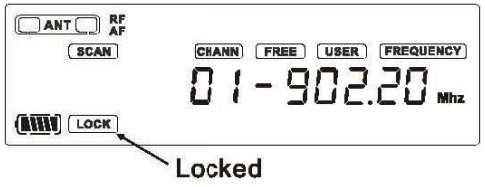


Open the battery compartment of the receiver,put four AA batteries (note the polarity)



2. Turn ON the receiver

When Turn on the receiver, all buttons are locked, long press the"SET"
button 3 seconds to unlock.



3.Pre-setted channels setting

Press the SET button to get into this mode. Press the Up or Down buttons, the channels jumps forwards or backwards between ch1-ch16.

4. Free frequencies setting

Press the SET button to get into this mode. Press the Up or Down buttons, the frequency jumps forwards or backwards 0.05MHz each time.