UHF WIRELESS MICROPHONE

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INSTRUCTION BOOK

Preface

Because of the excellent and skilled in manufacture technique of wireless, the wireless sytem can be your best choice.

The newly UHF wireless system uses the up-to-date PLL synthesized technology, can bate the interferential signal.

And using automatic signal-selected receiving mode can reinforce the reception of the receiver, avoid break off signal.

It's the firm and durable material of the microphone head. With high influence, wide frequency response, the tone is clear and silvery.

Thank you very much for purchasing our products.

Our company proudly presents this high-technological professional microphone to music lovers as a further proof of our company's pursuit of the ultimate in sound quality. The high quality performance and easy operation are certain to provide you with happy hours of listening and singing pleasure.

Specifications of this system

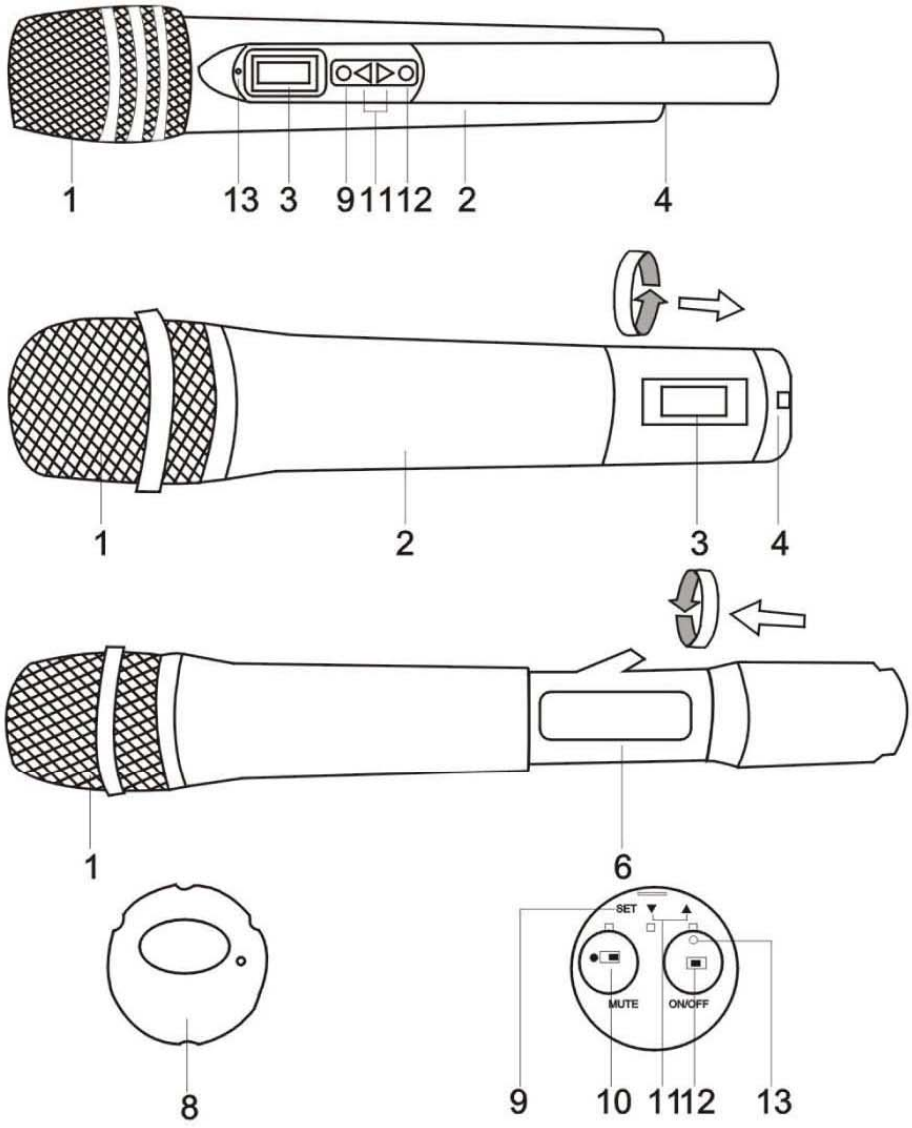
1. High precision PLL synthesized technology, UHF dual channel automatic signal-selected receiving system
2. The receiver has two channels. There are eight mnemonic channels and 1280 frequencyies in each channel. And has 32 MHz Broad Band, you can set the frequencies, each change is 25 KMz. The mnemonic channel can keep the frequency which you have set before in each channel, covenience for using.
3. **The model include:** SM-5020, U-2988, U-2900, SM-128, SM-8800, SM-8700, SM-8080, SM-8062, SM-8060, SM-4800, SM-8202, U-530, SM-328, SM-9090, SM-87、SM-2900 **Microphone's appearance and model is different, internal configuration、circuit and PCB layout is same.**
4. The perfect design of the exterior, fit for the 19 inches audio equipment chest, the detached antenna is easy for connect and take down.

5. Wide and clear LCD, can display RF, AF incoming signal level and other function.
6. Ascendant selectivity, can avoid interfere each other when use many sets at the same time. There is SQELCH in the receiver, using for the complicated surroundings.
7. The battery of BE-5020 transmitter is 1.2V NI-MH rechargeable battery. The rechargeable battery can be used for 8 hours.
8. The perfect indication circuit can shows you the state of the bttery.
9. The receiver can be set by system or direct by manpower.
10. The blance and imbalance output, can connect the mixed and amplifier.
11. 10~150 meters receiving distance.
12. Suitable for the stage, nigtclub, disco, meeting room, classroom, and the family Karaoke entertainment.

Description of the transmitter

A: The part manes and their functions:

BE-5020



1. Steel net-head mould
2. Microphone handhold
3. LCD screen
4. Function key
5. Microphone head
6. Battery holder
7. Circumgyrate the battery holder, in order to take out the battery
8. Protective cover
9. Function affirm key
10. Mute key
11. Up and down selecting key
12. Power switch
13. Working indicator light
14. Recharge input

B.The installation of Handheld transmitter

Press the power switch for 1 second and then relax. At that time, LCD appears normal mode. when the indicator light brightiny, the transmitter can work.The LCD appears the degrce of the battery BAT 790.000 Full shows 8 puints, middle shows 4 puints. the end shows 1 puint. (please chanye the battery)

There are four main menus.

1. The main screen(DISPL): the screen is on DISPL when press "SET" , the screen appears FREQ or CHAN soon. If want to set the frequency, please press "▲" or "▼", the screen appears CHAN twinkling, press "SET", and then the screen appears the frequency. If want to set the channel, please press "▲" or "▼", the screen appears CHAN twinkling, press "SET", and then the screen appears the channel.
2. Volume setup(SNESIT):Press "SET", the screen appears SNESIT , 0dB and -30dB ,each charnge is -10dB when press "▲" or "▼".The normal is:+30dB/-20dB for perform, -20dB/-10dB for generic speaking, -10dB/0dB for interview.
3. Frequency setup(TUNE):Press "SET", the screen appears the frequency between"▲" and "▼" after appears TUNE there are 1280 frequencies for choosing, each change is 25KHz. When press "▲" or "▼".Pleas press again after setup the frequency.
4. Lock setup(LOCK): Press "SET", the screen appears LOC OFF or LOC ON after appears LOCK .If need to lock the key, please press "▲" or" ▼ " ,when LOC ON twinkling, press "SET" again. If need to release key, press "SET" the screen appears"▲" or "▼" twinkling after appears LOC OFF press "SET" again.And then you can go on setup other functions.

Technical features:

A:System feature:

1.Frequency setup mode:PLL

2.Frequency range:705MHz~805MHz(Selectable)

3.Modulation Mode:FM

4.Maximum Frequency Deviation:+45KHz

5.Audio Frequency Response:80Hz~15KHz(+3dB)

6.Comprehensive Distorion: ≤1%

7.Work temperature:~10℃ ~+40℃

B:Technological Feature of the transmitter:

1.Transmitter:20~30mW

2.Image controlment:-50dB

3.Battery:9VX1(MH-503); 1.5VX2(MH-502)

4.Super-cardioid shaking

C:Technological Featurn of the Receiver:

1.Sensitivity:12BuV(80dB S/N)

2.Sensitivity Adjustment Range: 12~32dB BUV

3.Stray Control:>75dB

4.Output Level: Balance Output:0~0.5V/600

Sound output:0~0.5V/5K

5.Power:12~16V DC

6.Work Current:300mA

Display Instruction:

Display	Transmitters	Receivers
SEnSit	Senstivity adjusting	
SQEL		SQ adjusting
DISPL	Content choice menus	Content choice menus
CH	channel choice(1-16)	channel choice(1-16)
FREQU	Frequency display	Frequency display
Lock	The lock key com prevent error choice from the performance	The lock key com prevent error choice from the performance
Service:	The lock key com prevent error choice from the performance	The lock key com prevent error choice from the performance

Problem checking	
Problem	Cause
Digital display is not lighted	The battery is end/It has not been contact the electricity
RF indicator is not lighted	(1)The transmitter frequency is difference from receiver (2)The transmitter is out of work range
AR indicator is not lighted	(1)The mute key turn on (In the bottom of the transmitter) (2)The SQ is too high
Have noise and the radio noise	(1)The senstivity of the transmitter is too low. (2)The Audio output of the receiver is too low.(In the back of the receiver)
AR signal distortion	(1)The senstivity of the transmitter is too high. (2)The Audio output of the receiver is too high(In the back of the receiver)