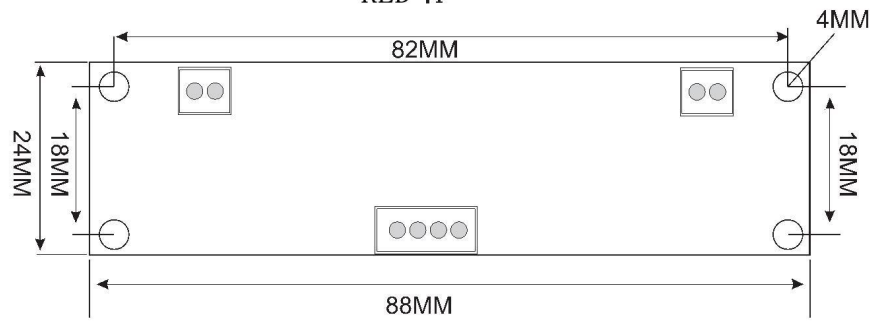
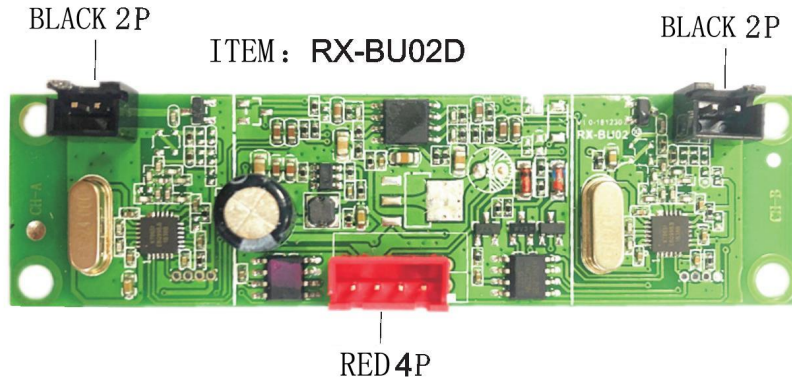
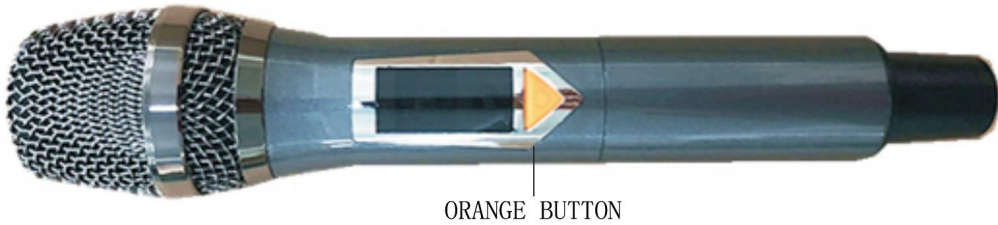


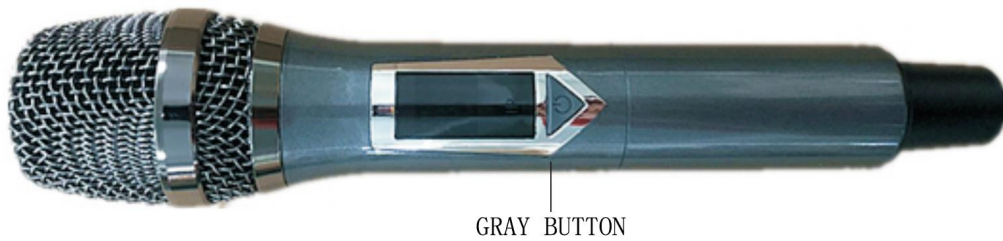
# PRODUCT



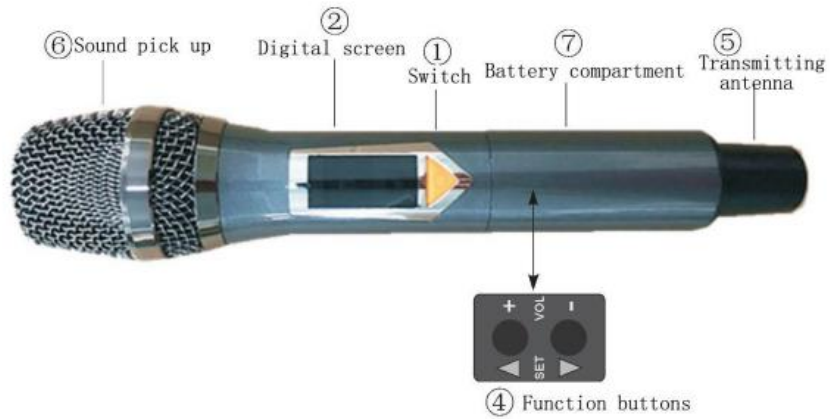
## TX-BU01 (red)



## TX-BU01 (GREEN)

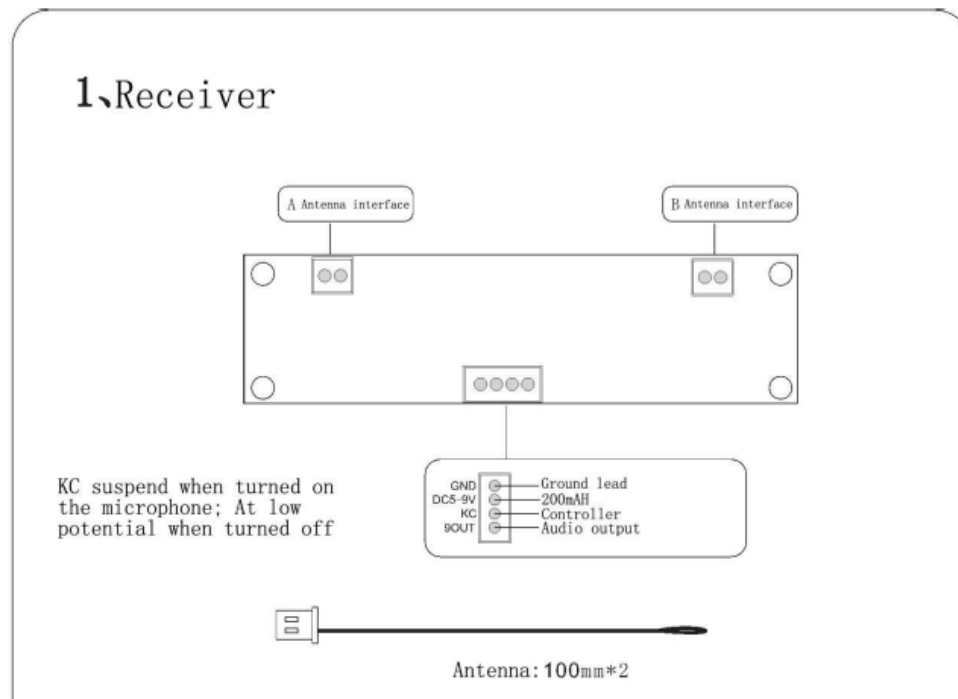


## MICROPHONE FUNCTIONS



No.	FUNCTIONS	OPEARTION
①	Turn on/off	Press and hold for 1 seconds/press and hold for 2 seconds
②	Operative mode	After turned on ,the screen will shows the current channel, battery level; automatically enter silent mode after 10 seconds if not using it.
③	Frequency modulation	Press and hold the button for 3 seconds, after the screen showing SET ,you can using internal buttons to adjust it
④	Volume adjust	Use internal buttons to adjust it

## 1. Receiver



## 2.SPEC

Power voltage: DC 5V-9V

Working current < 80mA

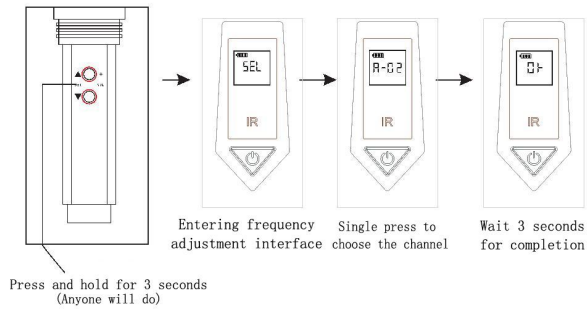
Frequency : 941.6MHz~945.8MHz

STABILITY OF FREQUENCY : <  $\pm 10$ ppm

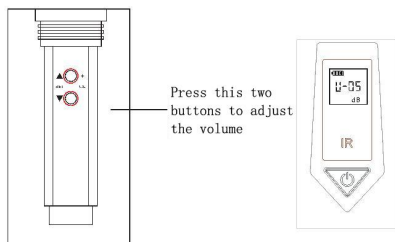
DYNAMIC RANGE :	> 105dB
FREQUENCY RESPONSE :	40Hz—15KHz
AUDIO OUPUT :	0—400mV
SPURIOUS SUPPRESSION :	> 80dB
IMAGE REJECTION :	> 80dB
SENSITIVITY :	5dBuV
RECEIVING RANGE :	30M

# FAQ

## How to change the frequency?

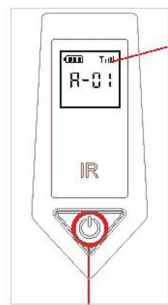
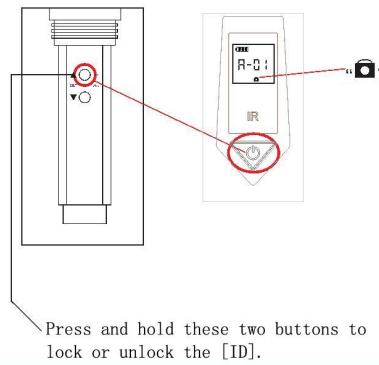


## How to adjust the volume?



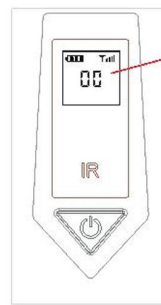
The total number of volume levels:7 ;Factory default:5

Microphone's signal is caught by some other device, so that your speaker doesn't have any voice.



Screen shows: **Tail**  
Meaning the silence mode was turned on.

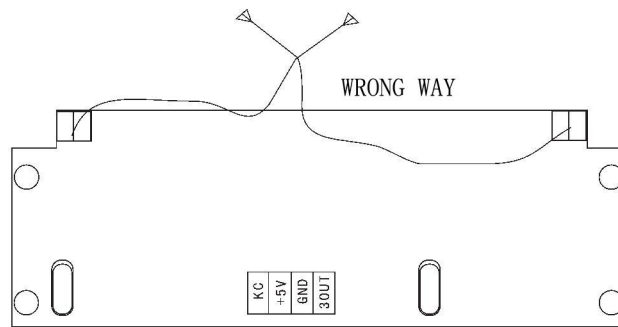
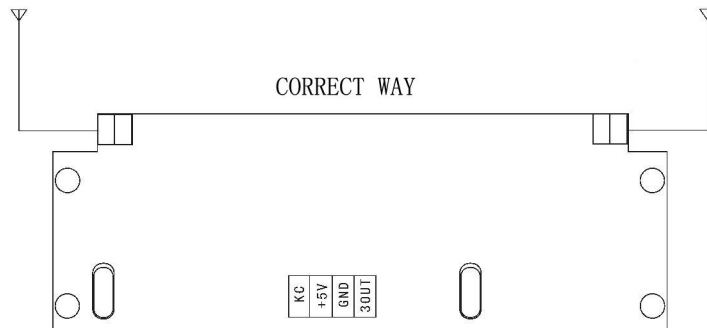
Press and hold the button for 10 seconds to turn on or turn off silence mode



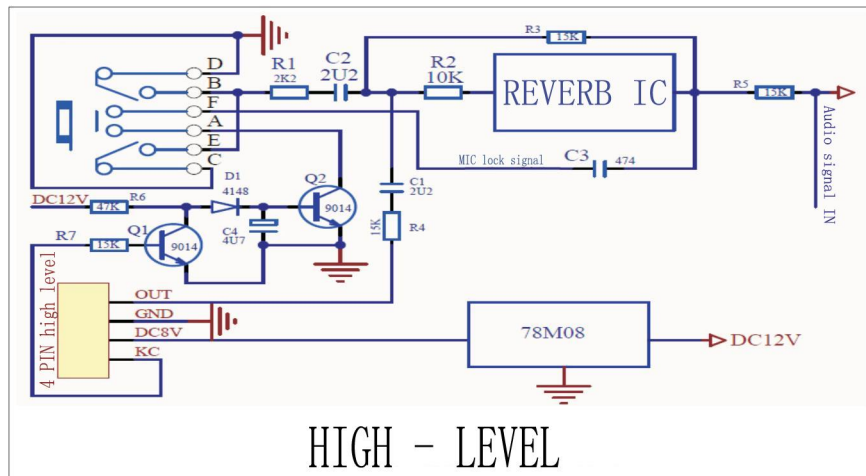
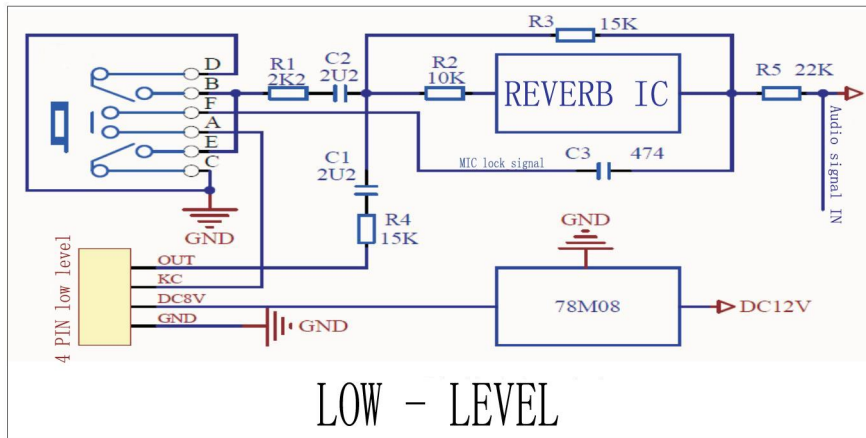
Screen shows: **00**  
Meaning the device has entered automatic silence mode.

Microphone will enter silence mode automatically after 10 seconds motionless

# INTERNAL ANTENNA



## SCHEMATIC BLOCK DIAGRAM



### TIPS:

According to the requirements of customers, KC level can be low level or high level.  
 Low level: when the power is on, KC SW is suspended, and when the short switch is off, KC Di is low.

Low level: when the mic is on, KC will be suspended, and when the mic is off, KC will be adown.

High level: when the mic switch is on, KC will be at the high level, and when the mic switch is turned off, the KC will be at the low level.

It is recommended that all customers use low level boards. If your OK board has a mute triode, just add one pull-down resistor to KC. It will become to high level.

## NOTICE

1. The receiving board should use a regulated power supply with a voltage range of DC5V --9V.
2. The receiving board should be installed away from interference sources. For example: CPU/ MIC reverbe IC/ Power switch/power source / motor, etc.
3. To improve the signal-to-noise ratio, please use low impedance input: shielded wire for signal connecting line.
4. For the best channel separation and convenient frequency compensation adjustment, please refer to Use the product arrow interface circuit diagram.
5. The receiving antenna should be away from the ground, wall and metal surface more than 1 meter, If the it' s too close, the system performance will be impaired.
6. When using, please pull out the antenna (External) and select the appropriate angle Degree (generally vertical upward).
7. When installing the built-in antenna, the antenna should be straightened and fixed without bending or knotting: It should be away from the frequency selection circuit and the RF output terminal . It cannot form a circuit with it. Nor can it be connected with others.
8. In order to achieve the best singing effect, Here, the distance from the microphone should be appropriate, There will be airflow impact if it is too close: to reduce airflow impact.
9. If the microphone is not used for a long time, please take the battery out to prevent battery leakage damages.
10. When low battery indicator light is on, you should replaced the battery in time.
11. Do not throw or strike the microphone when using it, so as to avoid serious damage.
12. Please do not use two same frequency to sing at the same time , it will cause howling or silence.
13. Do not use gasoline, diluent and other chemical liquids to clean this product, otherwise the surface protective layer will be damaged: use soft cloth or neutral detergent to clean this product

## FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	941.60	05	943.10	10	944.60
01	941.90	06	943.40	11	944.90
02	942.20	07	943.70	12	945.20
03	942.50	08	944.00	13	945.50
04	942.80	09	944.30	14	945.80