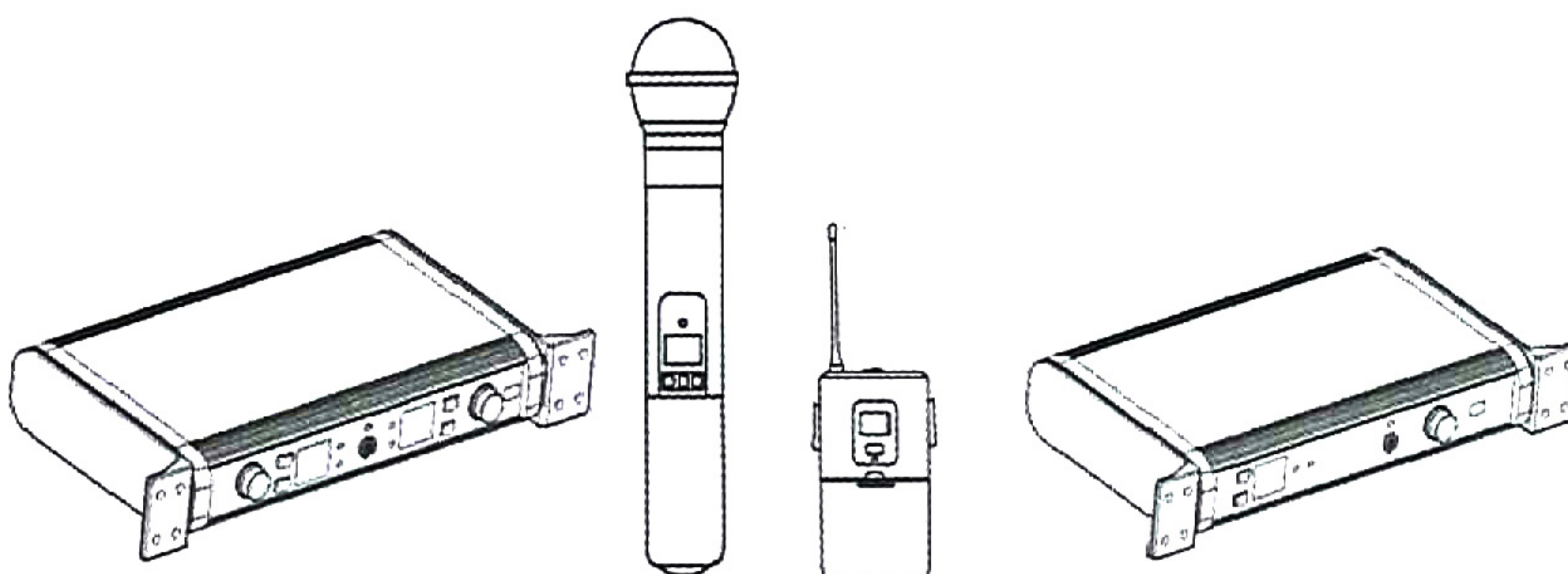


# User's Manu

## for

### UHF 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

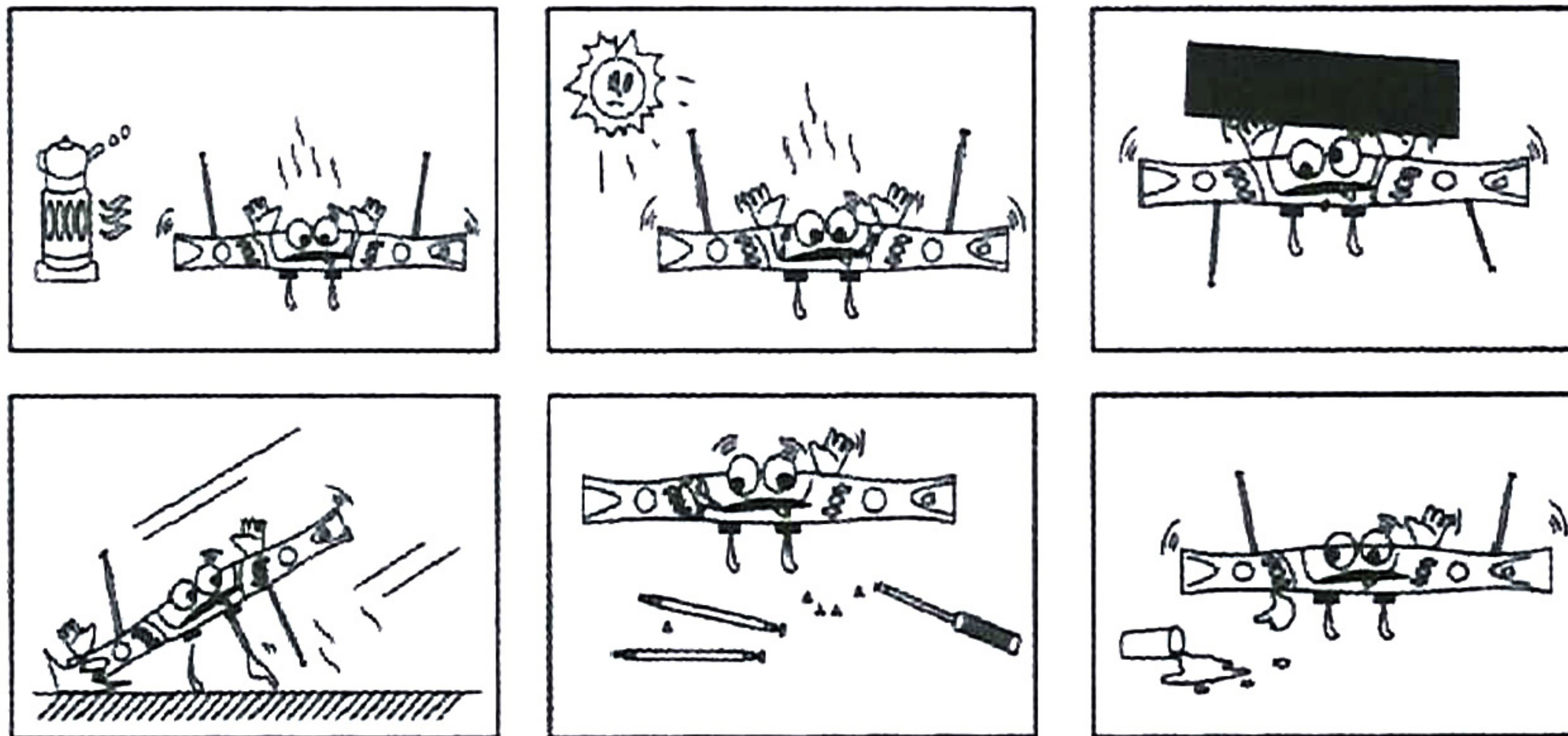
▲microphone (transmitter) can be worked with anyone of this receiver



# 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.

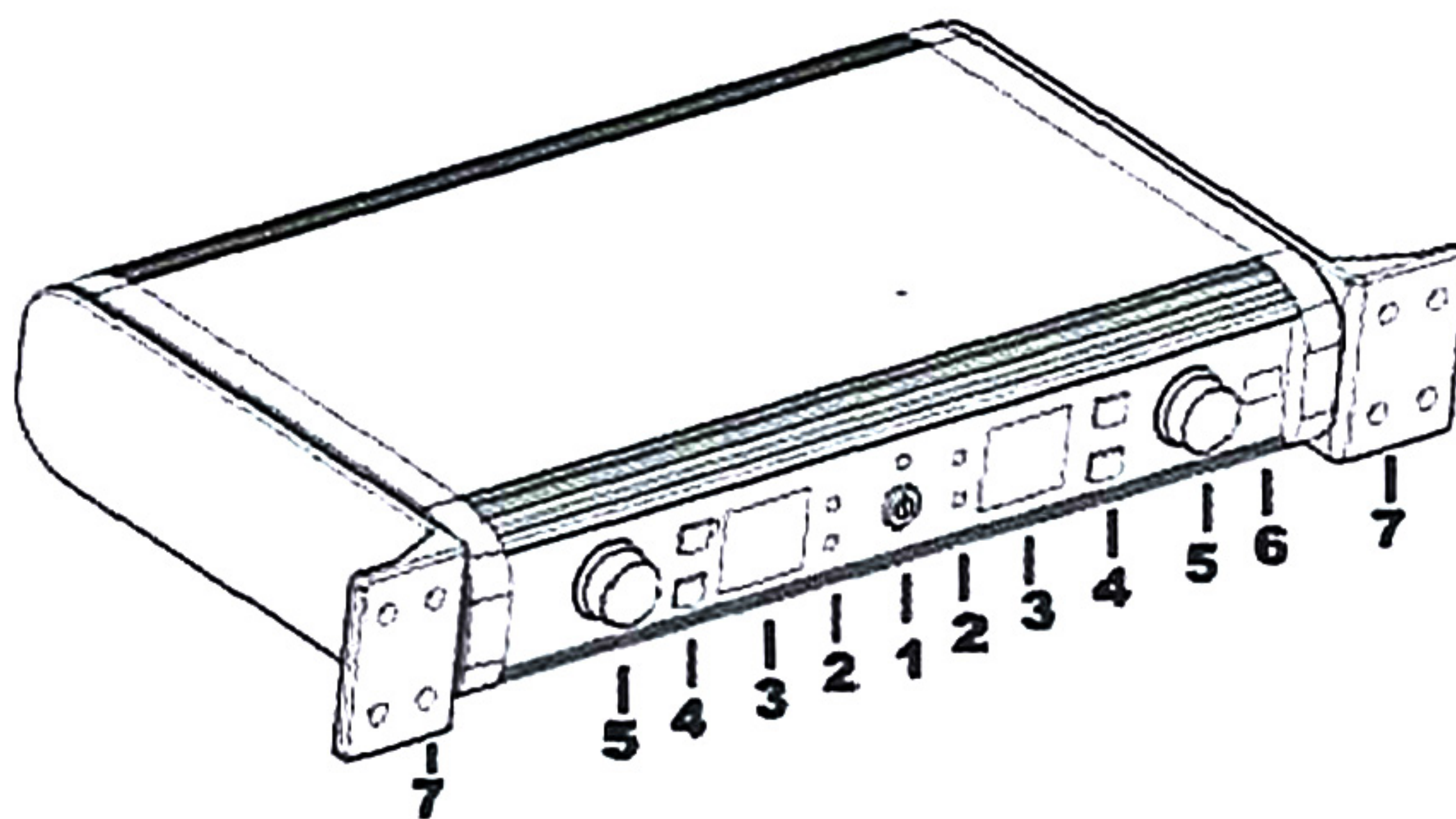


Don't operate the system under the following situation, for any repairing, only professional technicians are allowed to avoid danger.

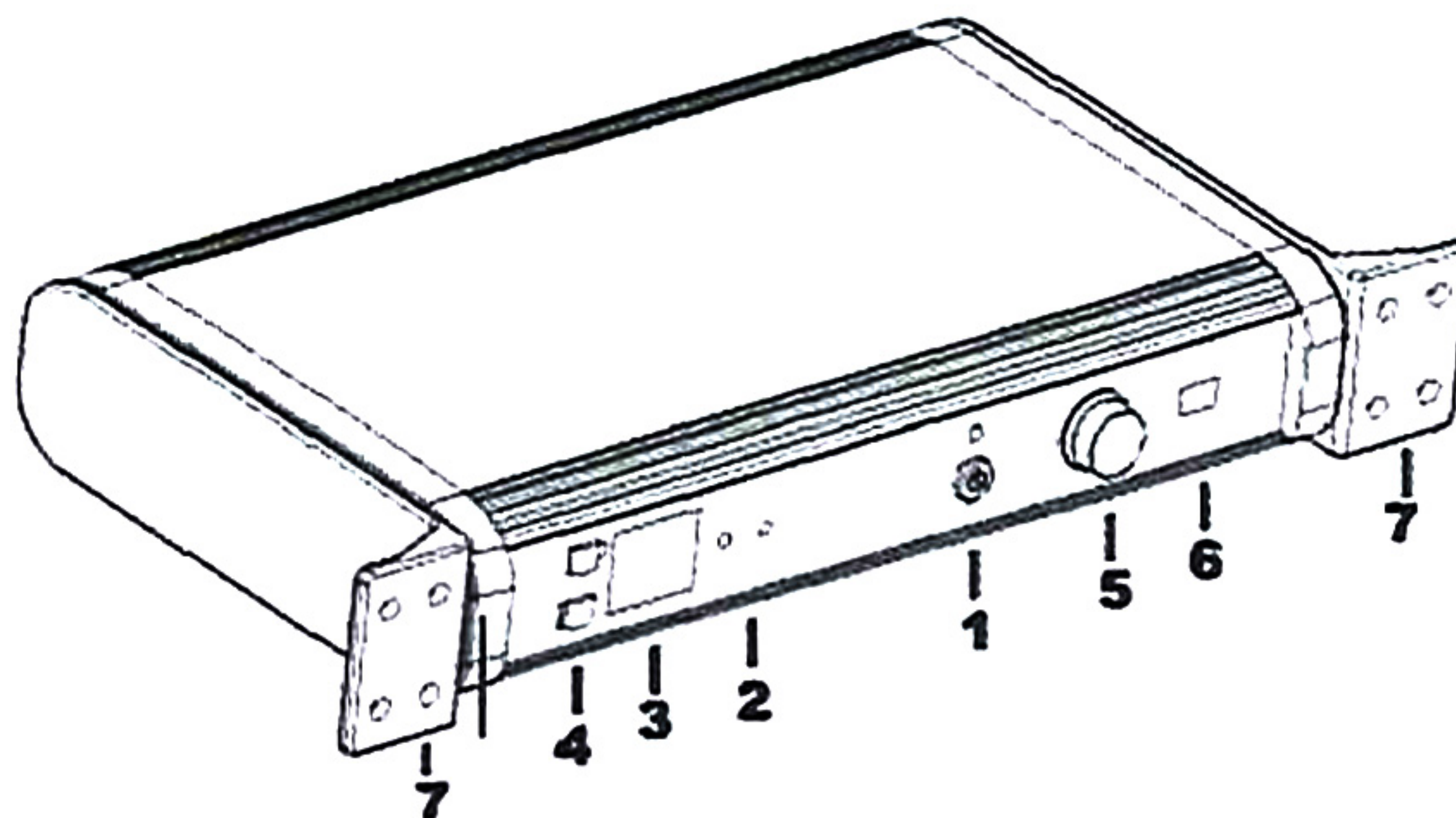


# Receiver Operating-----Receiver Front Panel

Dual

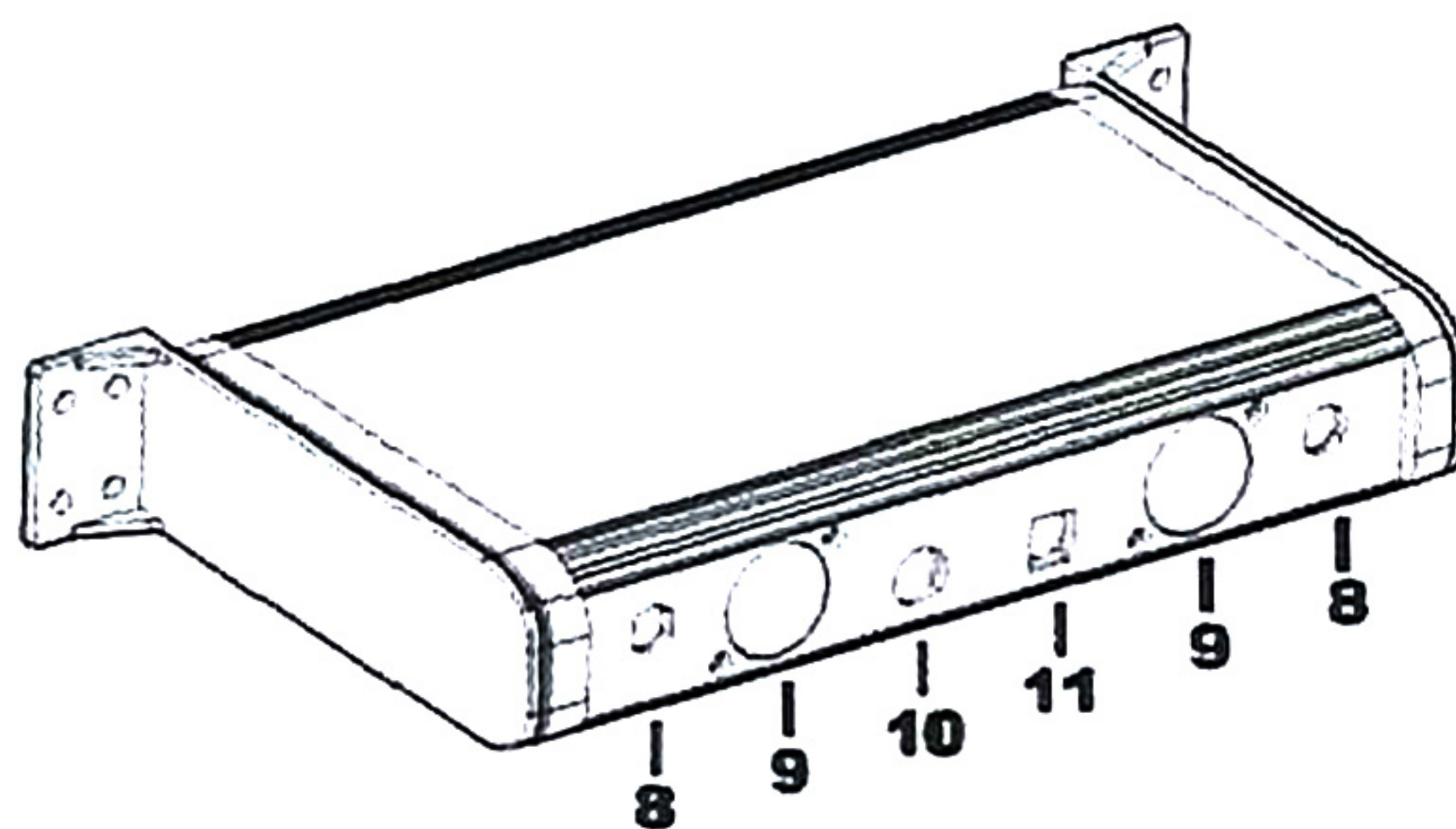


Single

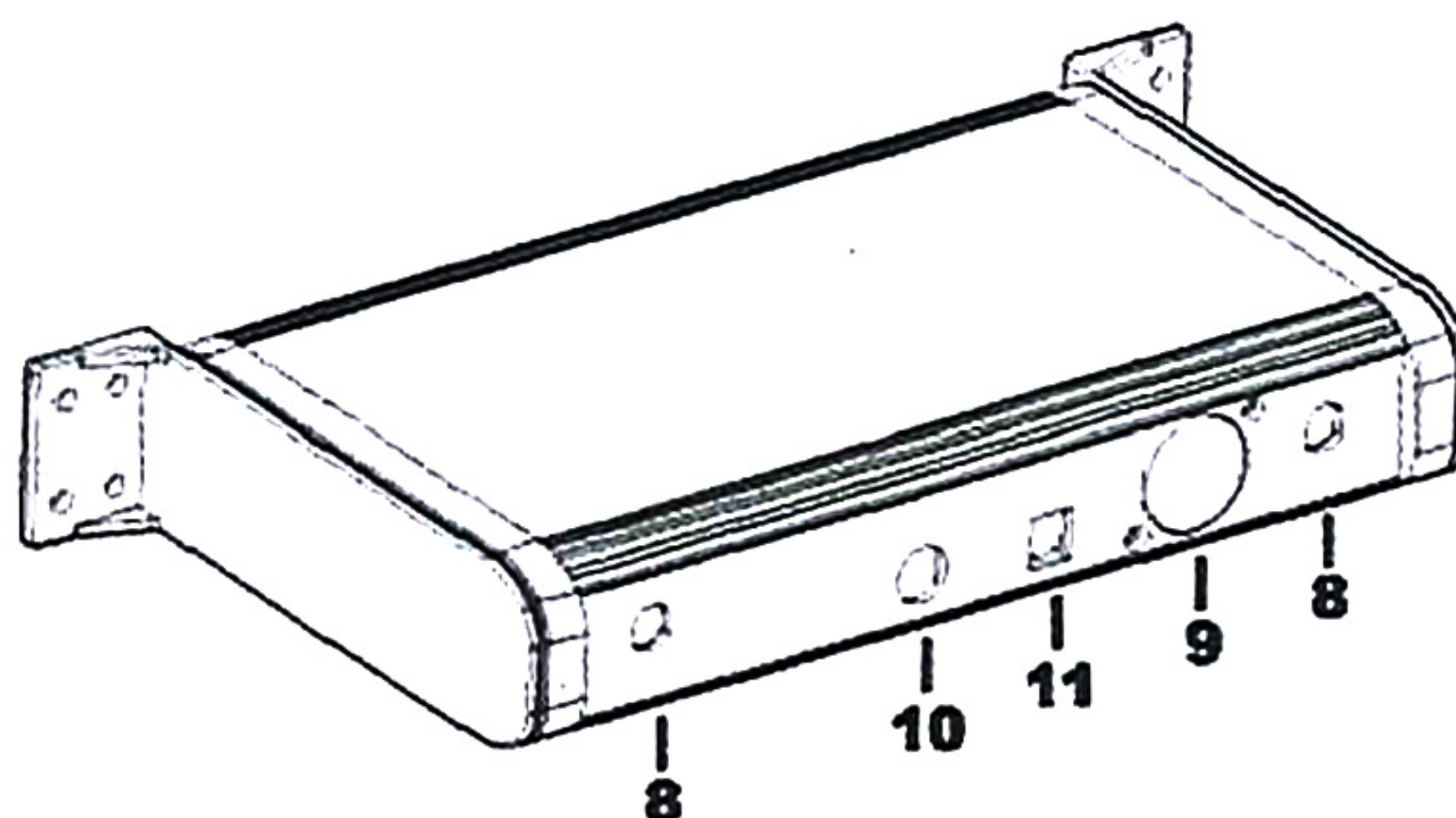


## Receiver Rear Panel

Dual



Single





1. Power On/Off
2. RF and AF indicator
3. LCD display, showing the working frequency and channels number
4. Set-A and Set-B

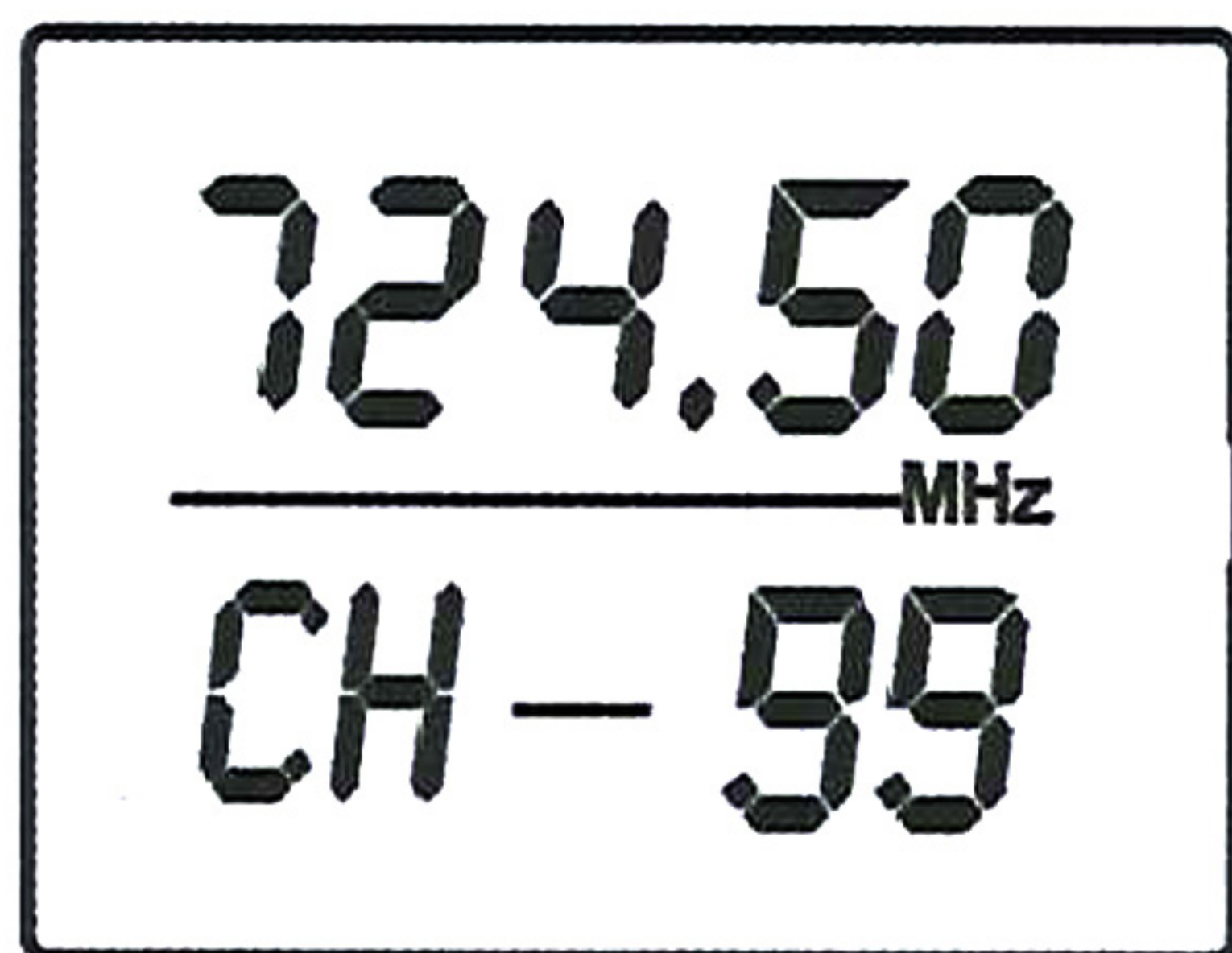
Searching Best Frequency: Press "SET--▲" key for 1 second to search the best operating channel (frequency)

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)

5. Volume
6. ASC window
7. Rack mounting
8. Antenna
9. Audio balanced output
10. Audio Unbalanced output
11. Power Jack: connecting a 12~15v DC 50/60Hz adaptor for power.

## LCD of receiver



1. Frequency: indicate the working frequency
2. Channel Number: indicate the working channel number

### 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 display lighting, turn the volume to suitable level, then speak, the AF 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

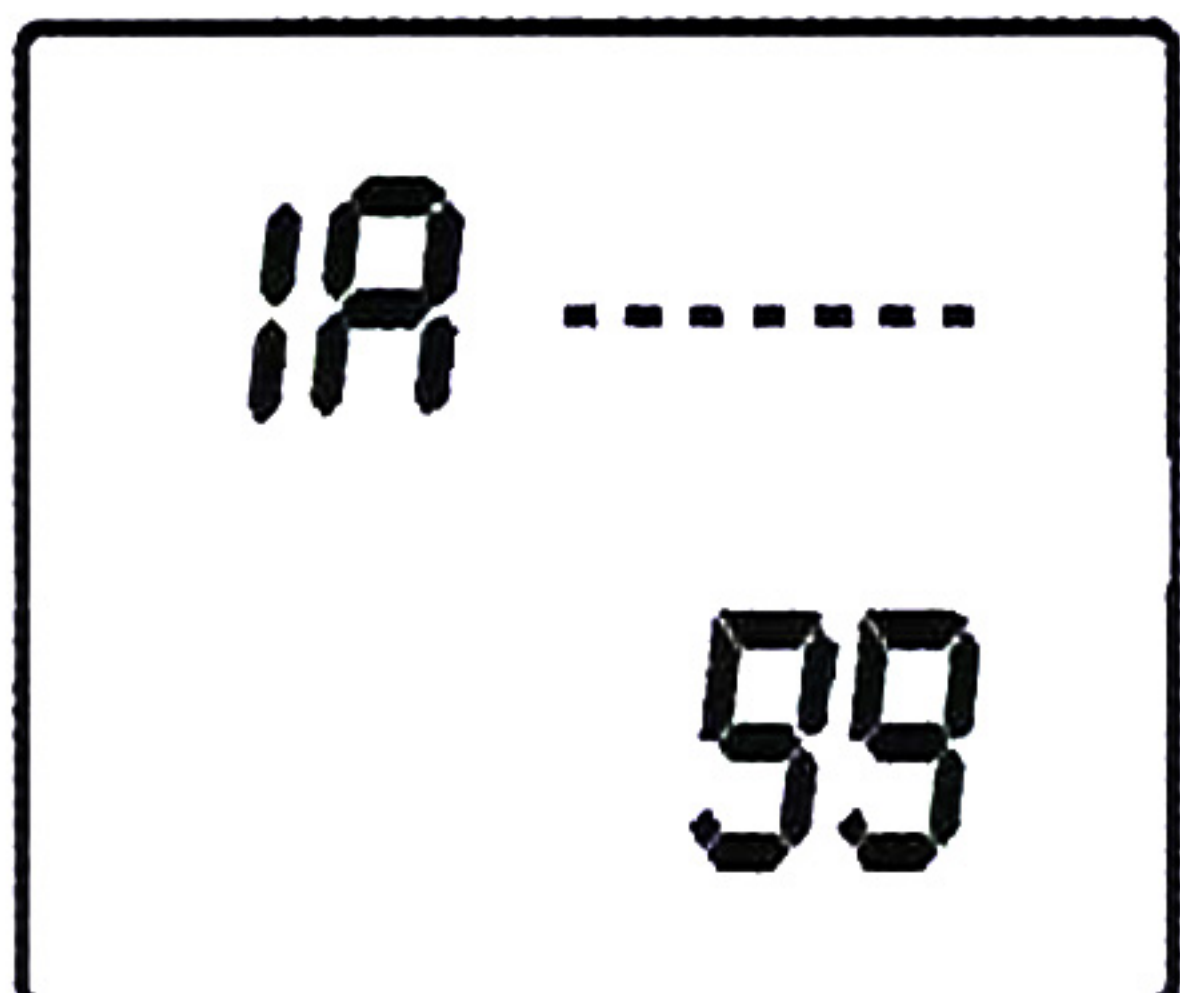
Put the transmitter's ASC sensor close to the receiver's ASC sensor, press “SET--▼” key for 1 seconds, it will automatically transmit the channel index to the transmitter (microphone)----(Picture 2)

After the 1<sup>st</sup> and 2<sup>nd</sup> steps finished, the handheld microphone (transmitter) LED lights, means working.

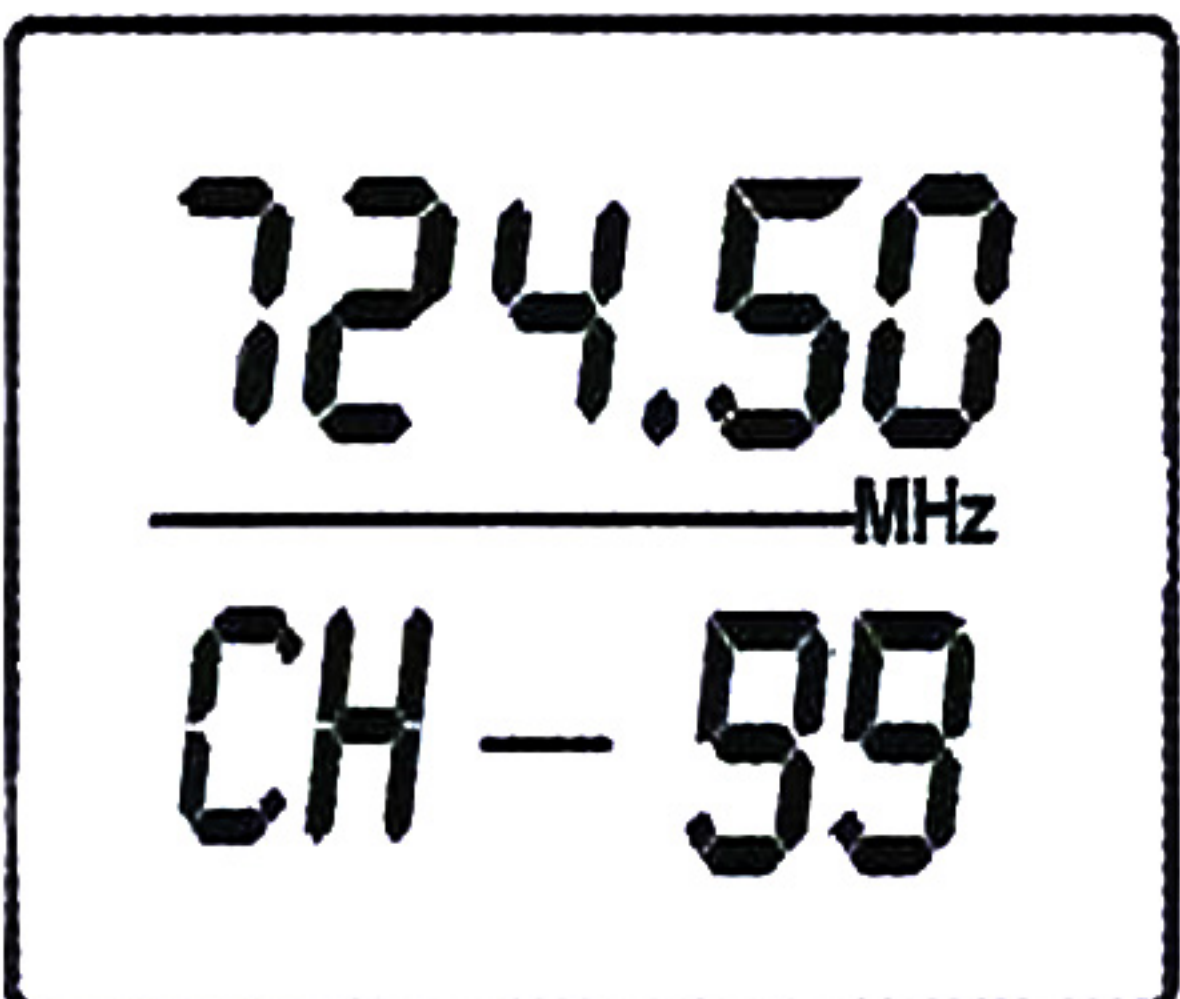
**Remarks: A mic to SET A, and B mic to SET B**



**Pic 1--Press SET-UP  
Auto Searching**



**Pic 2-Press SET-DOWN  
IR Matching**



**Pic-3- Ready for singing**

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

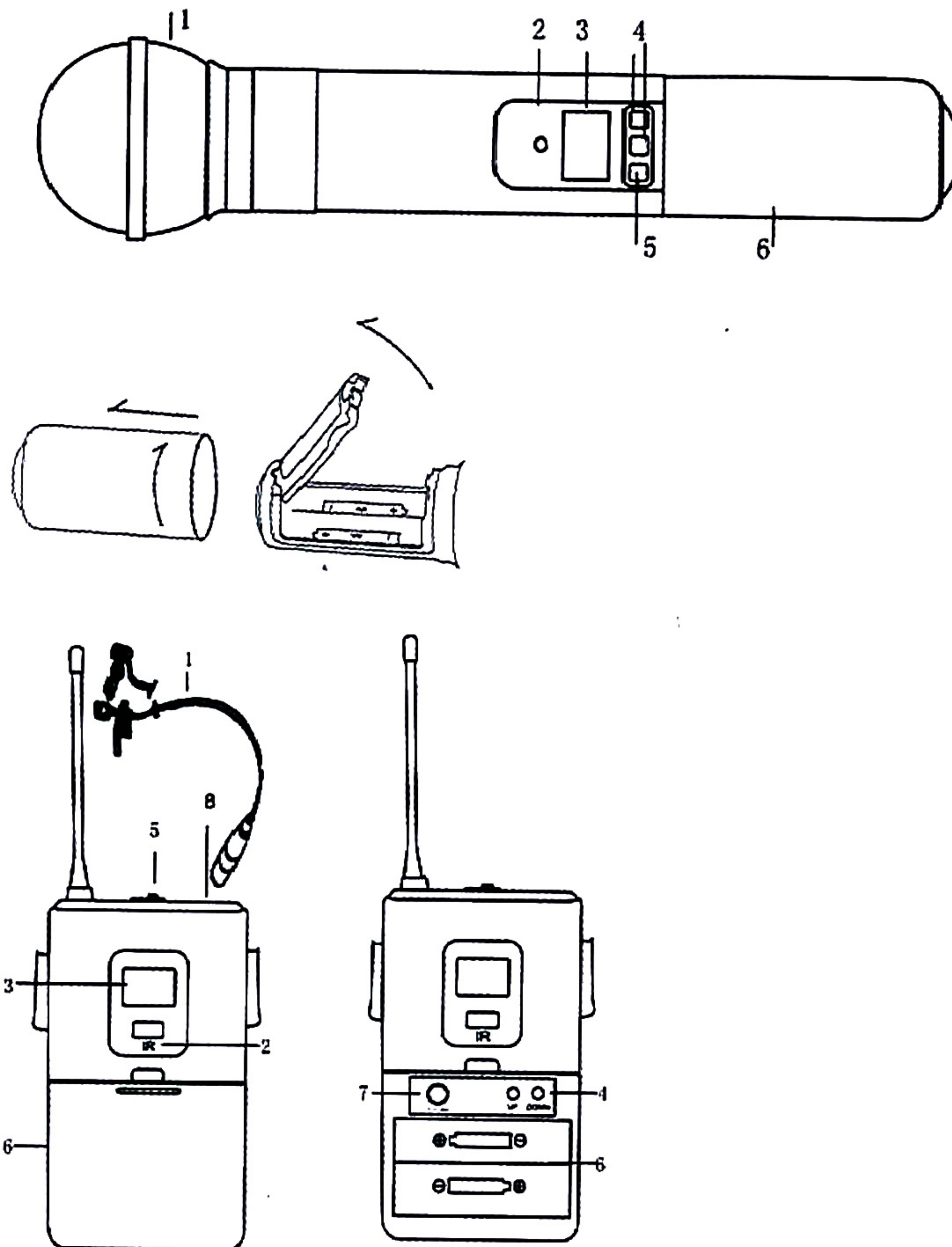
Set-up the right channel (Set.B) in same steps.

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
6. Battery case: 2pcs of 1.5v AA batteries.
7. Gain
8. Microphone Input Jack



## LCD display of transmitter (Microphone)

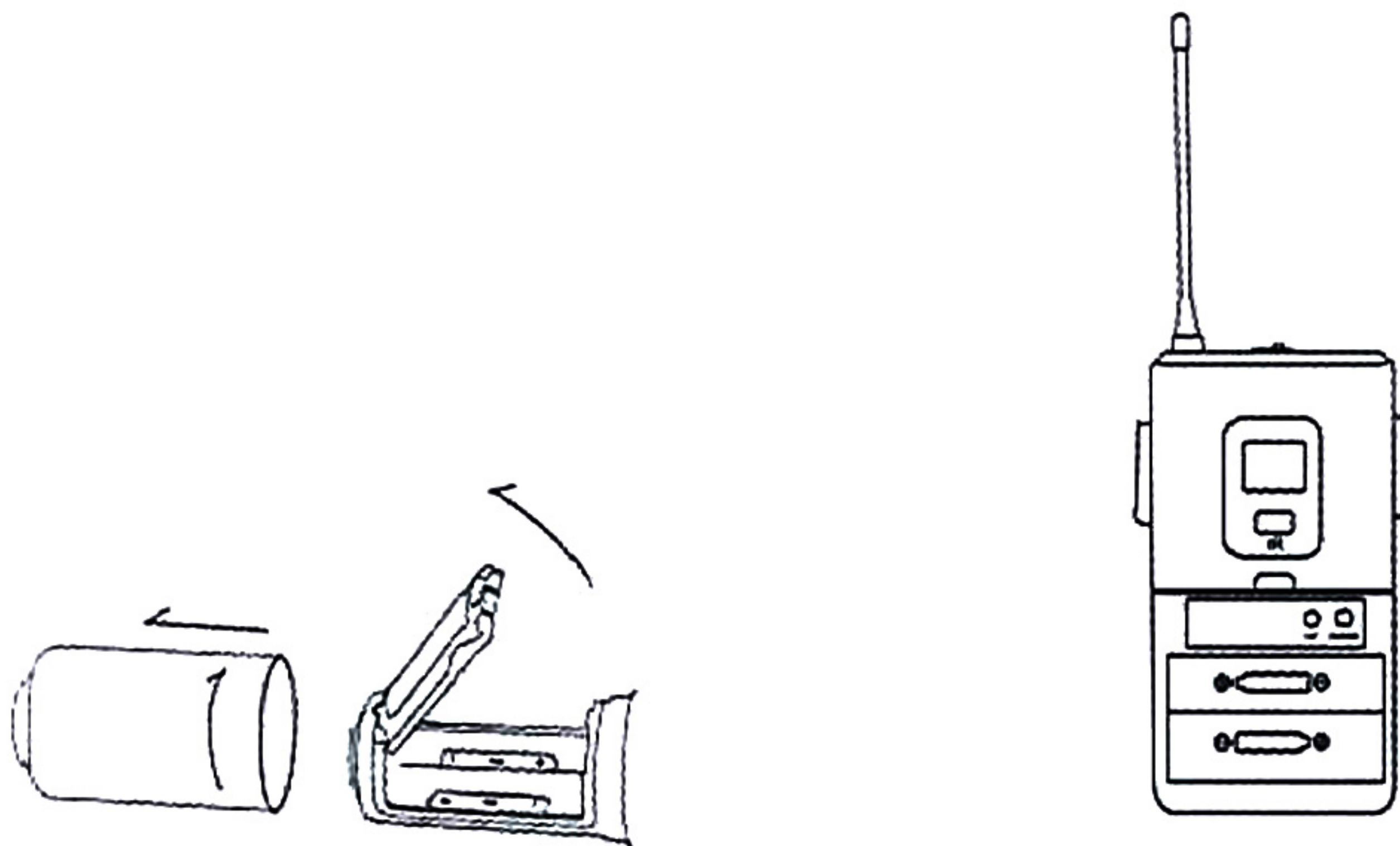


1. Frequency : indicate the working frequency
2. Channel: indicate the working channel
3. Low battery display: indicate the battery state.

### 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: 480-530MHz, 700-750MHz, 794-806MHz, 925-937.5Mhz  
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°C~+50°C

## 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: high RF 15mW, low RF 3mW  
Noise Rejection: -60dB  
Power: 2pcs\*1.5v AA batteries