

Trouble shooting

PROBLEM	POSSIBLE SOLUTIONS
The power indicator is dim	It indicates the battery is low, please change to AC supply and charge it immediately;
Hash Howl	1. Turn down the volume of amplifier 2. Turn the tone control to Bass 3. Adjust the distance between amplifier and microphone, do not face the speaker of amplifier while using it
Noise	1. Battery low of the amplifier or transmitter; 2. The microphone cord might be damaged; 3. Interference by same frequency.

The usage of the amplifier system

This unique designed amplifier speaker system with microphone is perfect for the following applications.

- Used as lecturing amplifier indoor or outdoor.(Especially for dancing and gym teachers).
- A perfect address delivery system for in and out door meeting, tourism and churches.
- It is a good amplifier for interpretation, class teaching and commercial vendor demonstrations.

With this amplifier system, you can make yourself a clear sound and heard from far!

Portable UHF Wireless PA Amplifier

- Flexible manual frequency switching technology.
- Built-in UHF wireless microphone with adjustable 16 frequencies in single or 32 frequencies in dual channels.
- Play with USB/SD Card & MP3 recording Format.
- Compatible with Bluetooth 5.0 Version.
- Support with FM Radios.
- Remote Control to operate USB / SD / FM / Bluetooth / Play & Recording.



USER'S MANUAL

4.3.000022721



RED

CE

FC

CB



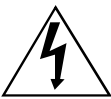
We thank you for your purchasing this amplifier system. Before start to use this amplifier system, please read the manual book thoroughly and carefully.

Please keep this instruction book in a safe place after reading for future reference.

WARNING !!

1. The operating temperature & environment of this lithium battery must be:
CHARGE: 0°C-45°C
DISCHARGE: -20°C-55°C
STORAGE: -5°C-35°C
2. Before use, please read the user's manual first. Any incorrect operation can lead to the battery to be heating, fire, broken, damaged or battery capacity decrease etc accidents.
3. Must not be used together with the other types of battery like the dry battery, metal high power battery, nickel-cadmium battery or the other new lithium battery etc.
4. Must not be charged if the lithium battery was burned, color changed, shape changed, leaking water, or any other un-normal changes etc. Must charge or discharge in correct operation. When it was not charged, please don't discharge it continuously.
5. Please keep the used-up or waste lithium batteries into the relevant place to be environmental protection.

6.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: Warning: Don't dismantle this product. The maintenance and inspection should be carried out by a qualified technician to avoid the risk of electric shock and damaging the components.		

- 8 Do not install near any heat sources such as radiator, heaters, stove or other apparatus (including amplifier) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wider blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they are exit from the apparatus. If the power cord is damaged, it must be repaired by a qualified repairer.
- 11 Only use attachments accessories specified by the manufactures.
- 12 Unplug this apparatus during lightning storms or when unused for long period of time.
- 13 If the apparatus comes with an AC adaptor, make sure the adaptor is not covered by cloth or soft material, keep it uncovered all the time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15 The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids.
- 16 For the handheld or lapel microphone, do not use them under the storm weather, especially in the rain and wet, it might get thunder shock.

SERVICE INFORMATION

If the shipping carton is found to be damaged, notify the delivery company immediately. Save the damaged carton as evidence for the delivery company to inspect. It is responsibility of the consignee to file a claim with the delivery company for any damaged that occurs during shipping. In the case that the shipping carton is in good condition but the unit is damaged or defective. Call your sales agent for any service.

SAFETY

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK: DO NOT REMOVE SCREWS, COVERS OR THE CABINET NO USER SERVICE PARTS INSIDE REFER SERVICE TO QUALIFIED SERVICE PERSONNEL		



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" with the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the users to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. IMPORTANT SAFETY

INSTRUCTIONS

To reduce the risk of electric shock, fire, etc:

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all Warnings.
- 4 Follow instructions.
- 5 Do not use this apparatus near water or in rain.
- 6 Clean only with dry cloth. For stubborn stains, use a soft cloth dampened with a weak solution of mild detergent and water. Dry the apparatus immediately afterwards with a clean cloth. Do not use abrasive cloth, thinners, alcohol, or other chemical solvents, because they may damage the finish or remove the panel lettering.
- 7 Do not block any ventilation openings. The ventilation shall not be impeded by covering the ventilation openings with items, such as newspaper, talbe cloth, curtains, etc.

7. Please don't put this machine in the rain, moisture and dusty place to avoid the fire or lightning struck.
8. In order to avoid creepage and get electric shock before use AC power, please refer to:
 - ①. Please check the power cable, make sure it's in the good condition.
 - ②. The using AC voltage should be the same as we stated in the machine or manual.
9. After use the wireless transmitter, please take the battery out of it to avoid battery leaking to damage the transmitter.
10. Please only take out the USB/SD card in OFF situation to protect the USB/SD's damage.

Cautions:

1. This machine can produce the electronic magnetic field because it's magnet speaker, please let this machine far from PC, TV set over 60cm, otherwise this magnetic field will effect their picture and voice.
After use, please pull out the power cable from the power socket.
2. This machine should be far from the high temperature or heat objects to avoid damage it.
3. This machine should be far from the big power wireless transmitter tower to avoid the interference.
4. For the built-in lithium battery:
 - ①. Should be charged 4-6 hours before use, make sure it can be supplied power at any time.
 - ②. Should be charged 4-6 hours after use to protect the battery and the power supply.
5. Please don't use this machine if the following circumstances happen, refer servicing to qualified personnel only.
 - ①. Power cable or power socket was damaged.
 - ②. This machine was drenched by rain or other obstacles inside the machine.
 - ③. Some components were damaged.

Basic Features of the Amplifier system

1. All in one design for easy carrying and portable use.
2. Uni-directional Lavalier microphone with high sensitivity for clearly voice transmission and receiving.
3. The system works on both AC and DC. You can also use the built in DC12V/2.2Ah lithium battery. Or with car cigarette lighter power for DC 12V. (The power cord for car is not included, call us for optional purchase)
4. UHF adjustable frequencies with totally 16 in single channel and 32 in dual channels for your searching and matching . Range can be from 470-980MHz as your need.
5. Low power consumption for long time operation with integrated circuitry.
6. SMT technology and SMD electronic components used in building this amplifier, so the quality is very stable and last long.
7. 3 styles of microphones are good for different purposes. You can use the handheld, headset and Lavalier microphone alternatively.
8. Independent Bass & Treble control
9. Digital echo control
10. Wired/wireless microphone
11. With microphone priority function
12. Aux input for connecting to MD/CD etc
13. Aux output
14. Speaker output 8 ohms
15. FM radios
16. USB/SD play MP3 & record in MP3 format.
17. With remote controller.
18. LCD displayer
19. Low voltage circuit protection for the built-in rechargeable battery to avoid the damage of the rechargeable battery in case of incorrect operation.
20. AA common battery or AA rechargeable battery can be used in the wireless handheld microphone and the wireless transmitter.
21. With Bluetooth

Technical specifications

Power supply	1. AC 100-250V~50/60Hz 1.0A 2. External: DC 12V $\Rightarrow$ 2.5A 3. DC 12V $\Rightarrow$ 2.2Ah built-in Lithium battery
Peak of music Power	125W max
T.H.D.	<0.1%
S/N	$\geq$ 70dB
Frequency reponse	80Hz-20KHz
AUX Input Sensitivity	400mV
AUX Output Sensitivity	600mV
MIC ϕ 6.35 Input Sensitivity	10mV
USB/SD support:	Supports 1.4M-2T (FAT12/FAT32/EXFAT) but not supports NTFS
USB/SD play format	MP3, WAV, WMA, APE, FLAC, SBC
Bluetooth version	5.0
Bluetooth Input sensitivity	-90dBm
Speaker	1 Piece full range 6.5-inch 4 Ω
Inputs	1. One wired microphone input 2. One AUX input 3. One external DC12V $\Rightarrow$ 2.5A
Output	1. One AUX output 2. One 8 Ω speaker output
Rf Channel	Dual channels (can be done in single channel)
Frequency Range	UHF 470-980MHz
Service Range	50 metres max
Operating Temperature	-10 $^{\circ}$ C to 45 $^{\circ}$ C
Charge Temperature	0 $^{\circ}$ C to 45 $^{\circ}$ C
Discharge Temperature	-20 $^{\circ}$ C to 55 $^{\circ}$ C
Storage Temperature	-5 $^{\circ}$ C to 35 $^{\circ}$ C
Built-in Features Of The Amplifier	USB/SD card play MP3 & Record function/FM/Bluetooth function.
Weight	2.1 kgs
Dimension(LxWxH)	318x175x213mm

How to connect recording system to the amplifier system

Audio output will go to the recording system and you can record while using the amplifier system.



How to use the 8 Ω SPEAKER OUTPUT

Connect the external 8 Ω loudspeaker to this speaker OUTPUT Jack to meet your requirement.

How to charge the built in Lithium battery

1. When you want to charge the built-in DC12V/2.2AH lithium battery, turn off the main PA amplifier, plug the AC cable to the main PA amplifier and the local electricity socket, at this moment, the LED is in red. When full charged, the LED is green.
2. Charge time is 4-6 hours.
3. Charge temperature: 0°C-45°C. Please make sure your correct charge temperature when you are charging the lithium battery.
4. Discharge temperature: -20°C-55°C. Please make sure your correct discharge temperature when you are discharging the lithium battery.
5. Storage temperature: -5°C-35°C. Please make sure your correct storage temperature when you store the lithium battery.
6. Working hours after full charged is around 2.5 hours for MP3 play in Maximum volume but for the microphone amplifying is around 10 hours.
7. The main PA amplifier is designed with charge auto protection circuit, discharge protection circuit and overcharge protection circuit.
8. Any incorrect operation for the charging will lead to the risks of accidents happen.

Standard match

Single channel (2 choices)

☐ A

1. One main receiving machine
2. One wireless handheld microphone
3. One AC cable
4. One MP3 remote controller
5. One English manual

☐ B

1. One main receiving machine
2. One lavalier microphone with wireless transmitter
3. One headset microphone
4. One AC cable
5. One MP3 remote controller
6. One English manual

Dual channels (3 choices)

☐ A

1. One main receiving machine
2. One lavalier microphone with wireless transmitter
3. One headset microphone
4. One wireless handheld MIC
5. One AC cable
6. One MP3 remote controller
7. One English manual

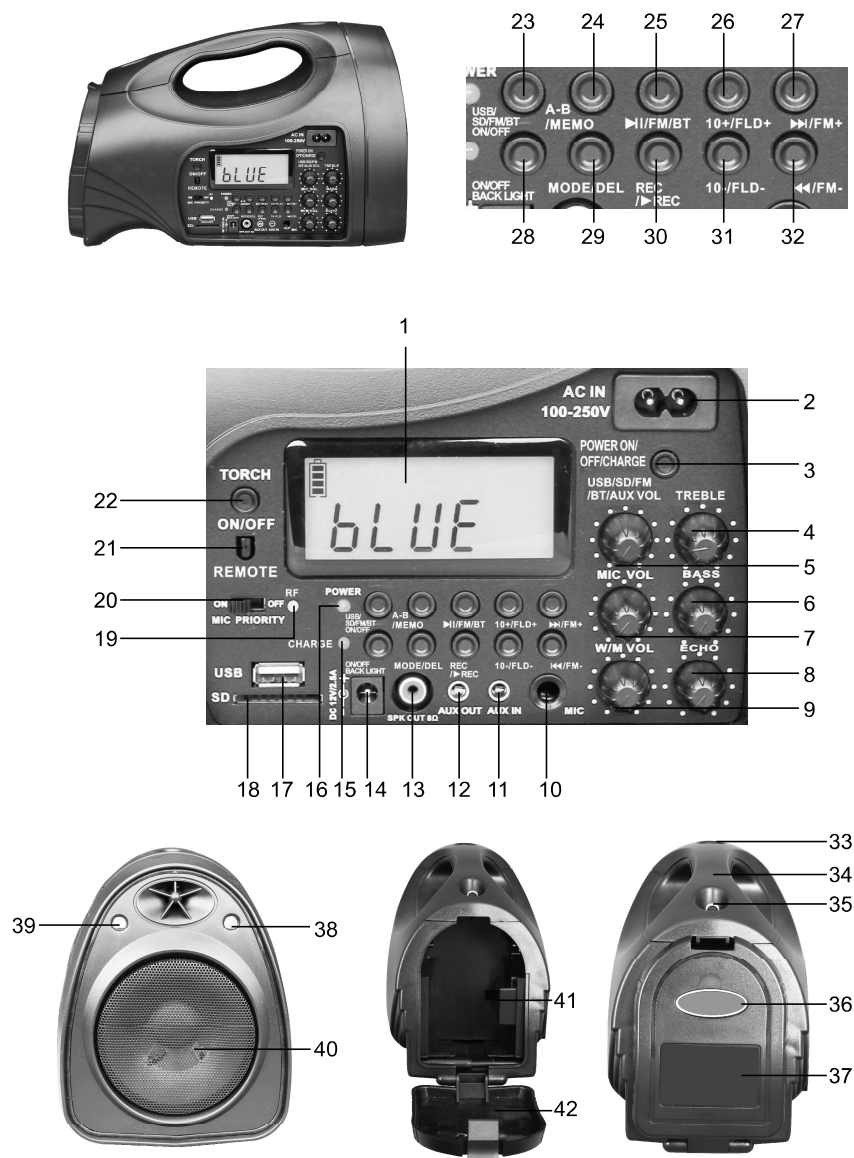
☐ B

1. One main receiving machine
2. Two lavalier microphone with wireless transmitters
3. Two wireless headset MICS
4. One AC cable
5. One MP3 remote controller
6. One English manual

☐ C

1. One main receiving machine
2. Two wireless handheld MICS
3. One AC cable
4. One MP3 remote controller
5. One English manual

The system descriptions:



How to use the treble and bass

1. The system has Treble and Bass independent controls for the sound and music.
2. When the Treble and the Bass button is controlled to the middle position and it has no compensation. Adjust the control button in clockwise direction, increase the high or low level. Adjust it in the contra-clockwise direction, decrease the high or low level.
3. By adjusting the knobs of Treble and Bass as your need, the sound result can be adjusted in your satisfactory.
4. If the screaming sound occurs, adjust the volume less to avoid the screaming sound.

How to use the digital echo

The digital echo control knob will be adjusted the echo to best sound effective result. If screaming feedback occur, adjust the digital echo in less volume to avoid the feedback.

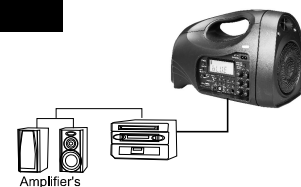
How to use the Aux Input?

Connect the cable of the CD/MD etc into the Aux Input Jack to get the music sound amplifying. Adjust the volume control knob depend on your requirement.



How to use the AUX OUTPUT

Aux output will go to the recording system and you can record while using the amplifier system.



How to connect the Bluetooth and operate it ?

1. Turn On the main PA amplifier's power button to ON position. Press USB/SD/FM/BT ON/OFF button to the Bluetooth Mode then the LCD shows "BLUE".
2. Activate the Bluetooth function on your device (Mobile phone, tablet etc) from which you want to play the music. Search the listed name of "BLUETOOTH 5.0" to pair it. If the pair is successfully, a tone will be transmitted. At this moment, you can play the music from it.
3. Disconnect the Bluetooth function on your device (Mobile phone, tablet etc) by turning OFF the button on your device. If the disconnect is successfully, a tone will be transmitted. Or you also can use the ►/FM/BT to disconnect the Bluetooth signal on the PA amplifier or re-connect it if your device has this function.

Operation of the system

System operation on AC Power

1. Plug in the AC power to the power outlet from a power source. AC 100-250V/50/60Hz.
2. Press the main power ON/OFF CHARGE to ON, the power LED is in red. After using the system, make sure to turn the main power off.
3. When the AC power suddenly cut off, the built-in lithium 2.2AH battery will power the system to work without delay.

How to use wired microphone

1. The system has one wire microphone input with the function of priority.
2. Put the wire microphone plug into the jack and adjust the volume control to your need.
3. Turn on this button, when in MP3 mode, the music volume will be down to zero during your speaking via microphone. If you don't want this function, then you turn off it.



1. This is the LCD screen. Short press the POWER ON/OFF/CHARGE button to turn ON the LCD screen. It will play the USB/SD card automatically if the USB/SD is inserted to this PA amplifier but the USB card with priority to play. Long press the USB/SD/FM/BT ON/OFF button to turn OFF the LCD screen. Also can turn OFF the LCD screen by long pressing the POWER ON/OFF/CHARGE button.
2. This is the AC power cable insert socket. Suitable for the AC voltage 100-250V~50/60Hz.
3. **POWER ON/OFF/CHARGE BUTTON:** Press this button to turn on the main PA amplifier. Press again to turn off it. Charge mode is in OFF situation. Only charge the PA amplifier in OFF. Charge time is 4-6 hours around.
4. **TREBLE:** This knob is used to adjust the treble level.
5. **USB/SD/FM/BT/AUX VOL:** This is the USB/SD/FM/BT/AUX in volume control knob.
6. **BASS:** This knob is used to adjust the bass level.
7. **MIC VOL:** This is the wired microphone input volume knob.
8. **ECHO:** This knob is used to adjust the digital echo.
9. **W/M VOL:** This is the wireless microphone volume knob.
10. **MIC:** This is a 6.35mm microphone input jack.
11. **AUX IN:** This is an auxiliary input jack(3.5mm jack)
12. **AUX OUT:** This is an auxiliary audio output jack(3.5mm jack)
13. **SPK OUT 8 ohm:** This is 8 ohm speaker output jack.
14. **DC12V/2.5A:** This is the DC12V/2.5A input jack.
15. **CHARGE LED:** This is the DC12V/2.2Ah lithium battery charge LED. When charge it is in red. When full charged, it is in green.
16. **POWER LED:** This is the power ON/OFF LED.
17. **USB:** This is the USB card input jack.
18. **SD:** This is the SD card input jack.
19. **RF:** This is the RF LED indicator for wireless microphone signals. Green is for wireless microphone 1 and orange is for wireless microphone 2, when microphone 1&2 use at the same time, it is in yellow.
20. **MIC PRIORITY:** Turn on this button, when in MP3 mode, the music

volume will be down to zero during your speaking via microphone. If you don't want this function, then you turn off it.

21. **REMOTE:** This is the remote receiving head.
22. **TORCH:** This is ON/OFF button for the flashlight.
23. **USB/SD/FM/BT ON/OFF:** Short press this button to select the USB/SD/FM/BT mode. Long press to turn off it.
24. **A-B/MEMO:**
 - a) In MP3 mode, short press this button to set the A point and the LCD shows "A-B" flashing. Short press again to set the B point and the LCD shows "A-B" constant on and enter the repeat playing from A-B automatically. During the repeat playing of the "A-B", short press this button to exit the repeat playing mode and return to the normal playing mode. Long press this button without any function.
 - b) In FM mode, short press this button without any function. Long press this button without any function.
 - c) In Bluetooth mode, short press this button without any function. Long press this button without any function.
25. **▶/ FM/BT:**
 - a) In MP3 playing mode, short press this button to play or pause. Long press this button is without function.
 - b) In FM playing mode, short press this button to play or pause. Long press this button to auto scan mode.
 - c) In Bluetooth mode, short press this button to play or pause. Long press to disconnect the Bluetooth pairing signal. If disconnect, short press this button to re-connect the Bluetooth signal again if your device has the re-connect Bluetooth function but if not has this re-connect function, it can not be re-connected.
26. **10+ /FOLDER+**
 - a) In MP3 mode, short press this button to increase 10 songs "10+". Long press this button to increase one folder "FOLDER+"
 - b) In FM mode, short press or long press this button without any function.
 - c) In Bluetooth mode, short press or long press this button without any function.

NOTE: Should single channel main Portable wireless PA amplifier is the usage preference, suggest to switch to A position as the standard option.

5. Charge functions: On the DC5V side, please use the micro USB charging cable connecting the 5V power supply to charge the built-in rechargeable AA batteries. The LED light will turn ON when the rechargeable batteries are charging in progress. While it is fully charged, the LED light will automatically turn off. If the CHARGE LED is constant ON which is located above the USB socket, it is interpreting the device is currently without batteries in the battery charger. Charging current is about 450mA.

Caution:

Only charge the rechargeable AA batteries inside this wireless transmitter is allowed. Avoid one-time-used AA batteries to be charged to prevent explosion.

- 6. Volume adjustable control:** Short press the VOL- button to adjust the lower volume. Press & hold VOL- button to continue make adjustment of lower volume. Meantime, the volume level will also be shown on the LED display screen in the transmitter.
- 7. POWER LED ON THE TOP:** When this LED is ON constantly in red during operating means it has power. While this LED is flashing means it is in low voltage.
- 8. Volume adjustable control:** Short press the VOL+ button to adjust the higher volume. Press & hold VOL+ button to continue make adjustment of higher volume. Meantime, the volume level will also be shown on the LED display screen in the transmitter.
- 9. MIC port:** This is the Lapel microphone or headset microphone input jack.
10. This is the rechargeable AA batteries chamber & AA rechargeable charger. Please make sure the (+) (-) polarities are correct.
11. This is the metal clamp of the transmitter for belt-pack in your waist.
12. This is the AA batteries usage warning label.

Caution: Only charge the rechargeable AA batteries inside this belt pack wireless transmitter or it will happen explosion if you charge the one-time-used batteries!

code mode. After entered the matching code mode, turn ON the main Portable wireless PA amplifier power, then the main receiver inside the Portable wireless PA amplifier will automatically match the code.

When the receiver flashes a few times and then go off, which means it has completed the process of matching the frequency code with the Portable wireless PA amplifier. After matched, short press the PAIR button to exit this mode. Transmitter/microphone now should be available to talk / use with one matched main Portable wireless PA amplifier.

'One to Any' matching frequency code operation: Press & hold the Power switch to turn ON this transmitter, and then press the PAIR and POWER button concurrently (note: it is also workable by after turning ON this transmitter then press PAIR button and follow by pressing the POWER button) until the display screen and power LED flashes to determine it has entered the matching code mode.

After entering the matching code mode, turn ON all main Portable wireless PA amplifiers power. All the main receivers inside the Portable wireless PA amplifier will then automatically matching the codes. When all the receivers flashes a few times and then go off, which means they have completed the process of matching frequency codes with all the Portable wireless PA amplifiers. After matched, short press the PAIR button to exit this mode. Transmitter/ microphone now should be available to talk / use with all matched main Portable wireless PA amplifiers.

3. **Change frequency operation:** In the normal working setting, press PAIR button showed in the picture, press one time to change one different frequency. There are totally 16 frequency points available.

4. **A-B channel selection:** As in the showed picture position, turn the A-B Channel Selection button from A to B or from B to A. When the button is in the A position, the microphone/transmitter display screen will indicate CHA to work on A wireless channel. However, when the button is in the B position, the microphone/transmitter display screen will indicate CHB to work on B wireless channel.

After all, even the channel changing from A-B or B-A been adjusted, but still not functioning, the frequency have to rematch all over again from the beginning steps guide mentioned above as the troubleshooting method.

27. ►► / FM+:

- a) In MP3 playing mode, short press this button to play the next song. Long press this button to fast forward.
- b) In FM mode, short press this button to play the next scanned memorized radio station. Long press this button to auto scan by increasing the 0.1MHz till it meets the scanned radio station then stop scanning and play it.
- c) In Bluetooth mode, short press this button to play the next song.

28. **ON/OFF BACK LIGHT:** Press it to turn on and turn off the backlight.

29. MODE/DELETE:

- a) In MP3 playing mode, short press this button to repeat one song, the LCD shows ↺ ONE. Short press this button again to repeat one folder. LCD shows ↺ FOLDDER flashing. Short press this button again to repeat ALL files playing, the LCD shows ↺ ALL. During the playing, short press this button to delete the repeat playing function. Each short press switch from repeat ONE to FOLDER to ALL to DELETE modes. If the MP3 playing mode is not the recorded file, long press this button without any function. But if the MP3 playing mode is playing the recorded file, long press this button to delete the playing recorded file, the LCD shows "dEL".
- b) In FM playing mode, short press to play the next scanned memorized FM radio station. Long press to delete the present playing FM radio station.
- c) In Bluetooth mode, short press or long press this button is without any function.

30. REC/►REC:

- a) In MP3 playing mode, short press this button to play the recorded file. Short press the button "10+/FLD+" or "10-/FLD-" to find what you want to play from the recorded files. During the playing of the REC file, short press this button again to exit the recorded playing mode to return to normal MP3 playing mode.
- b) With the inserted USB/SD card, long press this button to enter the REC recording function to record the microphone speaking sound or audio sources input sound or FM radio playing or Bluetooth

playing sources into the USB/SD card. During the recording, short press this button to exit the recording mode.

31. **10-/FLD-:**

- a) In MP3 mode, short press this button to decrease 10 songs "10-". Long press this button to decrease one folder "FOLDER-"
- b) In FM mode, short press or long press this button without any function.
- c) In Bluetooth mode, short press or long press this button without any function.

32. **◀◀/FM-:**

- a) In MP3 playing mode, short press this button to play the last song. Long press this button to fast backward.
- b) In FM mode, short press this button to play the last scanned memorized radio station. Long press this button to auto scan by decreasing the 0.1MHz till it meets the scanned radio station then stop scanning and play it.
- c) In Bluetooth mode, short press this button to play the last song.

33. **Hanging hook**

34. **Carry handle**

35. **Hanging hook**

36. **Brand plate**

37. **Specification Form**

38 & 39. **Torch**

40. **6.5" speaker**

41. **Built in DC12V 2.2Ah lithium battery**

42. **Battery compartment door & accessories kept room**

OPTIONAL ACCESSORIES:

HOW TO USE THE BELT PACK UHF AUTO MATCHING WIRELESS TRANSMITTER WITH A-B CHANNEL SELECTION FUNCTION



1. **ON/OFF:** Press & hold POWER switch to ON/OFF.

2. **'One to one' matching frequency code operation:** Press & hold the Power switch to turn ON this transmitter, and then press the PAIR and POWER button concurrently (note: it is also workable by after turning ON this transmitter, then press PAIR button and follow by pressing the POWER button) until the display screen and power LED are flashes to determine it has entering the matching

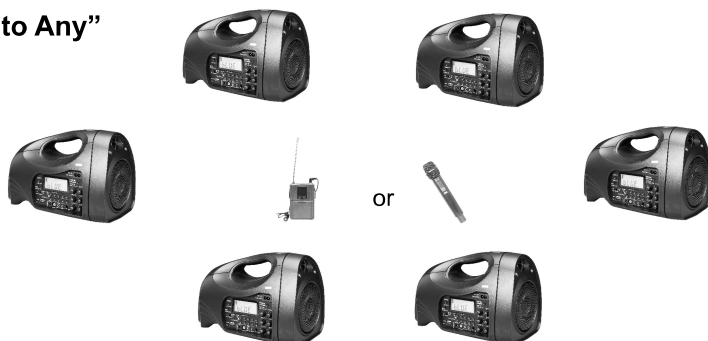
microphone is ready to use. If there is distortion or cut sound, you can press ② to get a new frequency to avoid the interference. There is 16 different frequencies for selection in one microphone.

When the LED flashes a few times and then go off, which means the pairing process is completed. Transmitter/ microphone is now ready to use.

“One to one”



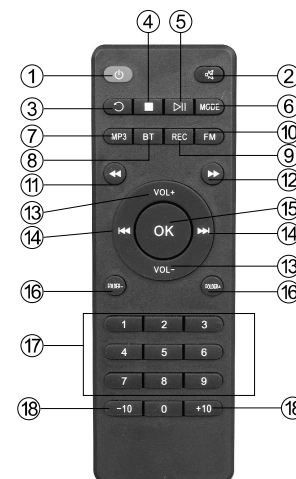
“One to Any”



3. Change frequency operation: In the normal working setting, press ② button showed in the picture, press one time to change one different frequency. There are totally 16 frequency points available in one microphone.

4. A-B channel selection: As the showed picture (3) position, take out the AA batteries, use a tooth pick or other similar tools to turn the (3) position button from A to B or from B to A. When the button is in the A position, the microphone/transmitter display screen will indicate CHA to work on A wireless channel. However, when the button is in the B position, the microphone/transmitter display screen will indicate CHB to work on B wireless channel. After all, even the channel changing from A-B or B-A been adjusted, but still not functioning, the frequency have to rematch all over again from the beginning steps guide mentioned above as the troubleshooting method.

HOW TO USE THE RE-011 REMOTE CONTROLLER



1. **Power ON/OFF button**, short press this button to turn ON or press again to turn OFF. When it is ON but all the playing and display stopped, it is in stand-by situation.
2. **Mute**: In play mode, press this button to enter the mute mode. Press again to exit the Mute.
3. **Loop**: Press this button to loop play mode. When play the REC recorded file press this button more than 2 seconds to DELETE the REC file.
4. **Stop**: short press this button to stop the play.
5. **Play/Pause button**:
A) short press it to Play and press again to Pause.
B) In the Bluetooth paired mode, press this button more than 2 seconds to exit the pairing mode.
C) In the Bluetooth not paired mode, short press this button to re-pair the Bluetooth, if your device has this function.
6. **MODE**: Short press this button to select the mode from USB/SD/FM/BT. Each press to switch to each one as you need.
7. **MP3**: Short press this button to enter the USB or SD mode, In USB/SD card both inserted to the PA amplifier mode, short press

- this button to USB card play and press again to switch to the SD card play.
8. **BT:** Short press this button to enter the Bluetooth mode.
 9. **REC:** Short press this button to enter the REC (Recording) play mode. Press more than 2 seconds to enter the REC recording mode, during the recording to short press this button to exit the REC recording mode if you need.
 10. **FM:** Short press this button to enter the FM mode.
 11. **◀◀** In USB/SD play mode, press this button and hold it more than 2 seconds to fast backward and if you release your pressing to the normal play.
 12. **▶▶** In USB/SD play mode, press this button and hold it more than 2 seconds to fast forward and if you release your pressing to the normal play.
 13. **VOL-/VOL+:**
 - A) Short press this button to minus - VOL(Volume) or plus +VOL(Volume). Each press only adjust one step.
 - B) Press this button more than 2 seconds to minus - VOL(Volume) or plus +VOL(Volume) continuously adjusted the -+.
 - C) After adjusted the volume of the PA amplifier, it is without memory of the adjusted volume.
 - D) The default volume is in maximum volume if you turn off the unit and use it again.
 14. **◀◀/▶▶:**
 - A) Short press this button to backward ◀◀ to the last song or last FM frequency.
 - B) Short press this button to forward ▶▶ to the next song or next FM frequency.
 - C) Press this backward ◀◀ button more than 2 seconds to fast backward.
 - D) Press this forward ▶▶ button more than 2 seconds to fast forward.
 15. **OK:** Press it to confirm your selection.
 16. **FOLDER- / FOLDER+:**

Short press this button to play the last audio folder or the next audio folder. Each press to minus - or plus + one folder.
 17. **0-9** buttons together work with the OK button to use to select the music number as you want. Short press 0-9 any number to select the music number then press OK to confirm it. If you don't press the OK button, it will confirm automatically after 2-3 seconds.
 18. **-10/+10:** Short press this button to minus - 10 audio folders or plus +10 audio folders.

HOW TO USE THE UHF AUTO MATCHING FREQUENCY WIRELESS HANDY MICROPHONE WITH A-B CHANNEL SELECTION FUNCTION



1. **ON/OFF:** Short press ① to turn ON the POWER button. Press ① again & hold little longer time to turn OFF.
2. **'One to one' pairing frequency code operation:** Press ② firstly and press ① together and keep pressing to turn ON it till the frequency numbers in the LED display screen is flashing into the pairing code mode. Then turn ON the main PA amplifier's power button to be ON to receive the pairing frequency code. When the RF LED of the PA amplifier's unit is in green/ orange means it is paired, then you press the button ② to settle its paired frequency. At this moment, you can use this system for speaking with the microphone. If there is any distortion or cut sound, you can press ② to get a new frequency to avoid the interference. Totally you have 16 different frequencies for selection in one microphone.

'One to Any' pairing frequency code operation:

Press ② firstly and press ① together and keep pressing to turn ON it till the frequency numbers in the LED display screen is flashing into the pairing code mode. Then turn ON all the main PA amplifier's power buttons to be ON to receive the pairing entering the matching code mode, turn ON the PA amplifier's power button to be ON then the receivers inside the PA amplifier's frequency codes. When the RF LED of all the PA amplifier's units are in green/orange means they are paired, then you press the button ② to settle its paired frequency. At this moment, the microphone is frequency codes. When the RF LED of all the PA amplifier's units are in green/orange means they are paired, then you press the button ② to settle its paired frequency. At this moment, the