

VHF MULTI-FUNCTIONAL MOVABLE WIRELESS PA AMPLIFIER

- With Bluetooth
- With MP3 Player & recorder
- 12" speaker & horn

USER'S MANUAL



Optional tripod stand



Pile up in this way



ISO9001:2008 R&TTE CE FC SMD

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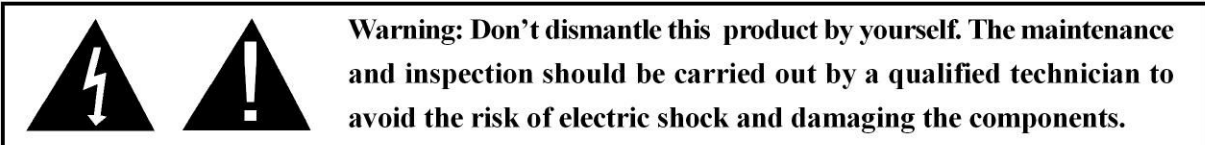
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1. THANK YOU AND WARNING

1.1 THANK YOU

We thank you very much for your purchase of this amplifier system. Before start to use it, please read the manual book thoroughly and carefully. Please keep this Instruction Manual Book in a safe place after reading for your future reference.

1.2 WARNING



2. CAUTIONS WHEN OPERATING THE AMPLIFIER

- 2.1 Before this amplifier to be used, charge the built-in rechargeable battery of the amplifier over 6-8 hours to keep the full capacity power of the battery and its operating life span.
- 2.2 The operating temperature of the amplifier condition is -25°C to +45°C.
- 2.3 The amplifier should be far from the big power wireless transmitting tower to avoid the interference.
- 2.4 The amplifier can produce the electronic magnetic field because its magnetic speaker, please keep the amplifier far from the PC, TV set etc over 60 cm , or this magnetic field will effect their picture and voice and the other normal operating result.
- 2.5 Any fire sources like the candles etc can not be put on the top of the amplifier.
- 2.6 Any objects with water or liquid like the flower bottle can not be put on the top of the amplifier to avoid any water or liquid come in the amplifier.
- 2.7 Make sure to keep 20 cm rooms around the amplifier to keep the enough aeration to the amplifier. Don't put any objects like the newspaper, table fabric cover or curtain etc to cover the amplifier to make sure the aeration is enough.
- 2.8 Please put the old or damaged rechargeable battery in the appointed environment recycle place to avoid any pollutions of the environment when replace the new battery to the old one.
- 2.9 Any cases happen as the below stated points, please stop using the amplifier:
 - 2.9.1 Power source cable or its power socket was damaged;
 - 2.9.2 Any objects or rains or water or liquid inside the amplifier;
 - 2.9.3 Any components or parts were broken.

3. MAIN FEATURES OF THE UNIT

- 3.1 This is a portable wireless PA amplifier with RMS 40W max.
- 3.2 With DC 12V 7.0 AH rechargeable battery and an extra DC 12V input port.
- 3.3 With AC power supply adopted the linear E1 voltage supply power to the unit.
- 3.4 With a 12 inches" speaker in 4 ohms/25W and a horn 70Hz 8 ohms/35W for Bass and Treble.
- 3.5 With audio input jack, guitar input jack, wire microphone input jack and audio output jack.
- 3.6 Main volume control knob: To control the MP3/wire/wireless microphone/Bluetooth/guitar/aux input etc volume from min to max by this knob in clockwise.

- 3.7 Wire dynamic microphone 1/2 volume control knob to control its volume from min to max in clockwise.
- 3.8 Wireless microphone 1/2 volume control knob to control its volume from min to max in clockwise.
- 3.9 Guitar volume control knob to control its volume from min to max in clockwise.
- 3.10 Treble volume control knob to control its volume from min to max in clockwise.
- 3.11 Bass volume control knob to control its volume from min to max in clockwise.
- 3.12 Aux output volume control is not controlled by the main volume or the aux control knob.
- 3.13 Microphone priority for the microphone volume priority.
- 3.14 With echo function.
- 3.15 With FM radios.
- 3.16 With MP3 player & recorder in MP3 and WMA format in USB/SD. Record the signals from the FM radios, audio inputs, microphone audio signals etc.
- 3.17 MP3 with A to B repeat play function.
- 3.18 With Remote controller to the MP3/FM.
- 3.19 With LCD auto backlight function.
- 3.20 With connecting to cell phone to play Bluetooth in MP3.
- 3.21 With Bluetooth 3.0 version function.
- 3.22 With linear constant-voltage charging circuit in ON/OFF situation of the unit. In ON situation, the charging time is around 8-10 hours. And in OFF situation, the charging time is around 6-8 hours
- 3.23 With over discharge protection circuit to the DC 12V rechargeable battery.
- 3.24 With Charge LED. When the LED is in yellow means the battery is being charged. When the LED dim means the battery is full charged.
- 3.25 With built-in rechargeable battery capacity level LED indicator.

4. APPLICATIONS

- 4.1 Used as an lecturing amplifier indoor or outdoor at school.
- 4.2 Used as an interpreting amplifier for outdoor activity and suburb tour.
- 4.3 Used as an amplifier for temporary indoor or outdoor assembly.
- 4.4 Use as an amplifier for interpretation of exhibition, temporary instruction of traffic communication and products sales promotion in shopping mall etc.



OUTDOOR AMPLIFYING

5. STANDARD MATCH ACCESSORIES

- 5.1 one main pa amplifier unit
- 5.2 one piece wireless handheld microphone
- 5.3 one piece wireless body-pack transmitter
- 5.4 one piece tie-clip microphone
- 5.5 one piece headset microphone
- 5.6 one piece power sources cable
- 5.7 two pieces of 9V common batteries (or AA battery)
- 5.8 one piece fabric accessories' carrying bag
- 5.9 one English user's manual
- 5.10 one remote controller for MP3/FM control

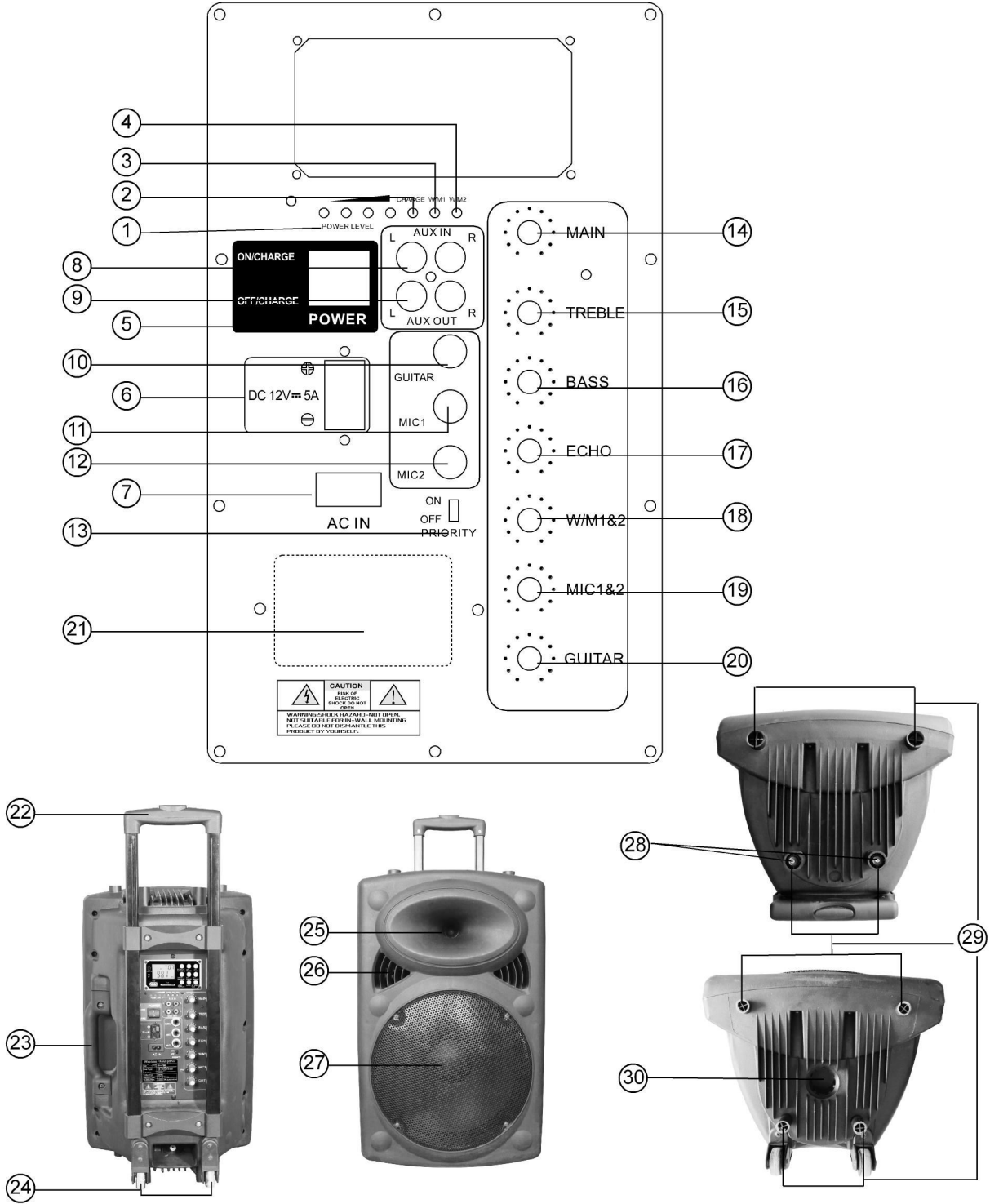
6. TECHNICAL DATA

| | |
|---|--|
| Power supply (Refer to the stated correct AC voltage on the PA amplifier) | AC 220V/50Hz 2.0A or correct AC voltage External DC 12V --- 5A DC 12V --- 7A Built-in rechargeable battery |
| RMS power | 40W max |
| Line output level | 800mV |
| Balanced input sensitivity | 60mV |
| Microphone input sensitivity | 12mV |
| Line input sensitivity | 100mV |
| Treble & Bass adjustment gain | ± 8 dB |
| Signals to noise ratio | >80dB |
| T.H.D. | <1% |
| Frequency response | 100Hz-20KHz (± 1 dB) |
| Speaker | 1 piece 4 Ω 12" full range speaker & 8 Ω /35W horn |
| Inputs | 1. Two wired microphones inputs 2. One guitar input 3. One route two RCA jacks audio inputs 4. One external DC12V power input |
| Outputs | One route two RCA jacks audio outputs |
| RF Channel | Double channels |
| Frequency range | 165-265MHz |
| Oscillating mode | $\pm 0.005\%$ quartz control phase locked |
| Wireless service range | 35 metres max |
| Operating temperature | -25 $^{\circ}$ C to 45 $^{\circ}$ C |
| Built-in features of the amplifier | USB/SD card play MP3 & Record function/FM/Bluetooth function, Tripod stand jack at the bottom of the amplifier |
| Weight | 12.5 kgs |
| Size of product(LXWXH)cm | 31x34x57cm |

7. HOW TO OPERATE THE AMPLIFIER

CAUTIONS: Before this amplifier to be used, charge the built-in rechargeable battery of the amplifier over 10 hours to keep the full capacity power of the battery and its operating life span.

7.1 Functions of the amplifier



- ① DC 12V built-in rechargeable battery power capacity level LED indicator.
- ② Charging situation LED indicator
- ③ Wireless microphone 1 RF LED indicator.
- ④ Wireless microphone 2 RF LED indicator.
- ⑤ Power source ON/CHARGE/OFF/CHARGE switch button
- ⑥ DC 12V input
- ⑦ AC input socket
- ⑧ Aux input jack
- ⑨ Aux output jack
- ⑩ Guitar input jack
- ⑪ Wired microphone input1 jack
- ⑫ Wired microphone input2 jack
- ⑬ Wired/wireless microphone priority switch on/off button
- ⑭ Main volume control
- ⑮ Treble adjustment volume control
- ⑯ Bass adjustment volume control
- ⑰ Digital echo adjustment volume control
- ⑱ Wireless microphone 1&2 volume control
- ⑲ Volume control knob of wired microphone input1&2
- ⑳ Volume control knob of guitar input
- ㉑ Place for specifications sticker
- ㉒ The retractable dolly
- ㉓ The plastic case shell handle
- ㉔ Casters
- ㉕ Horn
- ㉖ Aeration holes
- ㉗ 12 inches full range speaker
- ㉘ Antennas
- ㉙ Piled-up holes
- ㉚ Jack for tripod holes



31. LCD display screen for the MP3/FM/RECORD

32. Bluetooth ON/OFF/Play/Pause/Remove button

33. 10+ /FOLDER+: In MP3 play mode, press this button to increase 10 songs for play. When the present folder is less than 10 songs, it will jump to the last song. Press and hold this button more than 2 seconds, increase one folder at the present situation.

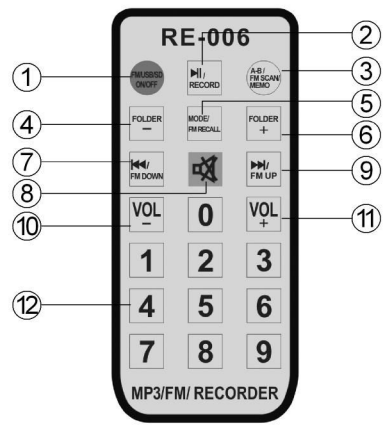
34. FM UP/▷▷ BUTTION: In MP3 mode,shortly press this button to next song. Press and hold this button more than 2 seconds to be fastly forward.

In FM mode, shortly press to increase 100KHz. Press and hold more than 2 seconds to auto up scan radio station,when receive the radio station, it will stop the scan and play the received radio station.

35. FM/USB/SD ON/OFF BUTTON: Press this button the first time as the default power on the machine and auto play the USB.If there is no USB, it will autoscan the SD card to play it.Press again to select from the mode between USB to SD card to FM. Press and hold this button more than 2 seconds to close the display and enter the standby situation. In standby situation, shortly press this button as default the original status.

- 36. **10-/FOLDER-:** In MP3 play mode, press this button to decrease 10 songs for play. When the present folder is less than 10 songs, it will jump to the first song. Press and hold this button more than 2 seconds, decrease one folder at the present situation.
- 37. **⏮/FM DOWN:** In MP3 mode, shortly press this button to last song, press and hold more than 2 seconds to fast backward.
In FM mode, shortly press to decrease 100KHz. Press and hold more than 2 seconds to auto down scan radio station, when receive the radio station, it will stop the scan and play the received radio station.
- 38. **MODE/FM RECALL:** In MP3 mode, shortly press this button the first time ,the LCD display and ONE. Press the second time, the LCD display and “FOLDER”, FOLDER flashes quickly. Press the third time, the LCD display and “ALL”, Press the fourth time to exit the MODE. In FM mode,shorly press to listen to the stored radio station.
- 39. **⏮/REC**
 - a. In MP3 mode: In standby mode, first time to press this button to play the MP3, the LCD screen show changed between the present song and the past time record per 5 seconds. In MP3 play mode, press to pause the MP3 play, the LCD screen show "II". In play mode, press this button can change the function from PLAY to PAUSE or from PAUSE to PLAY. Press and hold this button more than 2 seconds to MIC/AUX recording function. It will auto select the target disk(USB or SD card). At this time, the USB or SD is flashing in 1Hz (the target disk is flashing). Press again to stop the recording. The data is recorded in the last song of the present disk.
 - b. In FM mode: Press and hold this button more than 2 seconds to FM recording function. It will auto select the target disk(USB or SD card). At this time, the USB or SD is flashing in 1Hz (the target disk is flashing). Press again to stop the recording. The data is recorded in the last song of the present disk.
- 40. **A-B/FM SCAN/MEMO.** In FM mode: Press and hold more than 2 seconds to auto scan and memorize the radio station. It can memorize 30 FM radio stations and auto skip the blank radio stations. Shortly press it, the station number flicker, then press MODE/FM RECALL to choose the station number you want to save. Within 5 seconds, shortly press **A-B/FM SCAN/MEMO** againto save the radio station. If no operation within 5 seconds, it will not save the radio station and exit this operation automatically. If saved the radio station successfully, the station number will not flicker any more.
In MP3 play mode: the first time to press this button to set the beginning point,”A-B” in the LCD screen is flashing quickly. The second time to press this button to set the end point and then it will enter auto repeat play situation. “A-B” in the LCD screen is no flashing. In repeat mode, press this button to stop the repeat function and enter normal play function..
- 41. **REMOTE: This is the MP3/FM remote**
- 42. **Bluetooth LED**
- 43. **USB input jack**
- 44. **SD card input jack**

7.2 How to use the RE-006 remote controller



1. FM/USB/SD ON/OFF BUTTON: Press this button the first time as the default power in the machine and auto play the USB card as priority. If there is no USB card inserted, it will auto scan to the SD card to play it. Press this button again to switch from the FM/USB/SD/ON/OFF functions. Display FM in the LCD screen when FM is working. Display the USB and MP3 or WMA in the LCD screen when the USB card is working. Display the SD and the MP3

or WMA when the SD card is working. Press and hold this button more than 2 seconds to close the display and enter the standby situation.

2. ▷||/REC button:

- a) In MP3 mode, in Standby situation, first time to press this ▷||/REC button to play the MP3, the LCD screen always shows the present song and the past time each 5 seconds. In MP3 play mode, press ▷||/REC to pause the MP3 play, the LCD screen shows "II". In play mode, press this button can switch the function from PLAY to PAUSE or from PAUSE to PLAY. Press and hold this button more than 2 seconds to enter MIC/AUX recording function. It will auto select the target disk (USB or SD card). At this moment, the USB or SD is flashing in 1Hz (the target disk is flashing). During the recording, Press ▷||/REC again to stop the recording. The data is recorded in the last song of the present disk.
- b) In FM mode, Press and hold ▷||/REC button more than 2 seconds to enter FM recording function. It will auto select the target disk (USB or SD card). At this moment, the USB or SD is flashing in 1Hz (the target disk is flashing). During the recording, Press ▷||/REC again to stop the recording. The data is recorded in the last song of the present disk.

3. A-B/ FM SCAN/MEMO

- a) In MP3 play mode, the first time to press this button to set the beginning point, "A-B" in the LCD screen is flashing quickly. The second time to press this button to set the ending point and then it will enter auto repeat play situation. "A-B" in the LCD screen is no flashing. In repeat mode, press this button to stop the repeat function and enter normal play function.
- b) In FM mode, press and hold this button more than 2 seconds to auto scan and memorize the radio stations. Full memory of it is total 30 radio stations. It can auto skip the empty space.

Manually memorize the radio stations: Press this button the number is flashing, when the number is flashing, press MODE/FM RECALL button to select the number what you want within 5 seconds press **A-B/FM SCAN/MEMO button to memorize the number. Without any press this A-B/FM SCAN/MEMO button within 5 seconds, it will auto exit this function. When the numbers are memorized, the LCD screen displays the stable numbers.**

4. **10-/FOLDER-**: In MP3 play mode, press this button to decrease 10 songs for play. When the present folder is less than 10 songs, it will jump to the first song. Press and hold this button more than 2 seconds, decrease one folder at the present situation.

5. MODE/FM RECALL

- a) In MP3 mode, press this button the first time, the LCD display ☺ and ONE. Press the second time, the LCD display ☺ and "FOLDER", FOLDER flash quickly. Press the third time, the LCD display ☺ and "ALL". Press the fourth time to exit the MODE.
- b) In FM mode, Press this button to recall the stored radio station.

6. **10+/FOLDER+**: In MP3 play mode, press this button to increase 10 songs for play. When the present folder is less than 10 songs, it will jump to the last song. Press and hold this button more than 2 seconds, increase one folder at the present situation.

7. ⏪/FM DOWN

- a) In MP3 mode, press ⏪/FM DOWN button to last song. Press and hold this button more than 2 seconds to be fast backward.
- b) In FM mode, press ⏪/FM DOWN button to decrease FM frequency -0.1MHz, Press and hold this button more than 2 seconds to auto scan FM. When scan the FM and call the correct radio frequency, it will auto stop and stay to play this FM radio.

8. **MUTE**: In play mode, press 🔇 to enter or clear the mute mode.

9. ▷▷/FM UP

- a) In MP3 mode, press ▷▷/FM UP button to next song. Press and hold this button more than 2 seconds to be fast forward.
- b) In FM mode, press ▷▷/FM UP button to add FM frequency +0.1MHz, Press and hold this button more than 2 seconds to auto scan FM. When scan the FM and call the correct radio frequency, it will auto stop and stay to play this FM radio.

10. **VOL-**: In play mode, press this key to decrease the volume level.

11. **VOL+**: In play mode, press this key to increase the volume level.

12. **Number key**: You can select the track you want directly by using this number key.

7.3 Operations of the amplifier's functions

7.3.1 System operation on AC Power

- 1) Plug in the AC power to the power outlet from a power source. Make sure you are using the correct voltage or the stated voltage on the machine. When you plug in the system to AC power.
- 2) Switch the main power ON, the LED on, the main unit can work normally. After using the system, make sure to turn the main power OFF, or the built-in battery will be shortened their life.
- 3) When the AC power suddenly cut off, the built-in batteries will power the system to work no delay.
- 4) Charge the built-in 7 AH rechargeable battery every two months for 8-10 hours above to keep the normal life span of it. It can be recharged around 500 times in normal situation.

CAUTIONS: You have to plug the system off the main power if you are not going to use it for a period of time.

Warning: Be sure to switch off the system main power after use, otherwise the battery will be over discharged and it can damage the Lead Acid rechargeable battery and shorten the battery life dramatically.

7.3.2 System works on DC power

- 1) Turn on the main switch to ON and the power LED will indicate the battery works well. The LED indicating level will decrease with the growth of the operating time. The built-in 7AH rechargeable battery can supply around 6 hours when play MP3 in the middle volume.
- 2) Turn OFF the main machine after use to protect any damage to the built-in rechargeable battery.

Caution:

- a. Before start to use the main machine, the built-in 7AH rechargeable battery must be full charged over 10 hours. When it is full charged, it can work around 4 hours in Max volume but in middle volume it can work around 6 hours.
- b. When the main machine is operating and occur noisy interruption and distortion voice, indicates the weak built-in battery, you should replace the DC power to AC power and charge the main machine in time.
- c. Low voltage circuit protection for the built-in battery to avoid the damage of it in case of incorrect operation. When the power LED is dim or flash obviously, indicates the weak built-in rechargeable battery, it is switched off its power automatically by its low voltage circuit protection. And need to be used with AC power or recharged in time, or the life span of it will be shorten.
- d. When the volume in the maximum situation but the built-in DC battery has not enough power to supply, the battery low voltage protected circuit works. At this moment, please adjust the volume knob to the 1/2 position, then turn OFF the main machine & turn on again, the battery can keep supply power to the main machine for a period of time. This case only recommend to the urgent need. Try not to use it in this way in normal situation.

7.4 Maintenance of the built-in rechargeable battery and charging method

7.4.1 It is recommended to charge the battery for the first time use for 8-10 hours.

7.4.2 Turn the main switch to "OFF/Charge" and the battery will be charged with a consistent current and voltage, the charge LED bright up.

7.4.3 The charging indicator will change to from green to dim with the battery charging, the LED will die of when the battery is fully charged. Recharge the battery over 10 hours before you are going to use it. When it is full charged over 10 hours, it can operate for around 5 hours.

7.4.4 Charge the built-in 7 AH rechargeable battery every two months for 8-10 hours above to keep the normal life span of them. They can be recharged around 500 times in normal situation.

7.5 Replacement of the built-in rechargeable battery

7.5.1 After the 7AH rechargeable battery is full charged and the main machine is operating in common situation but the battery can't last long enough in common situation and fast run down the power, that means the battery is ageing, new battery should be replaced the old ones.

7.5.2 Turn OFF the main amplifier, and cut off the AC power sources plays, then open the front case then take out the old battery and put new one inside. Connect its wire correctly and settle the battery. Then install the case and charge the battery over 8-10 hours (as the below picture).

Notes: The ⊕ ⊖ polarity of the built-in 7AH battery must in correct direction or it can not work.

7.5.3 The new 7AH battery must be replaced at the same time and the battery capacity must be the same.



① Open the battery chamber

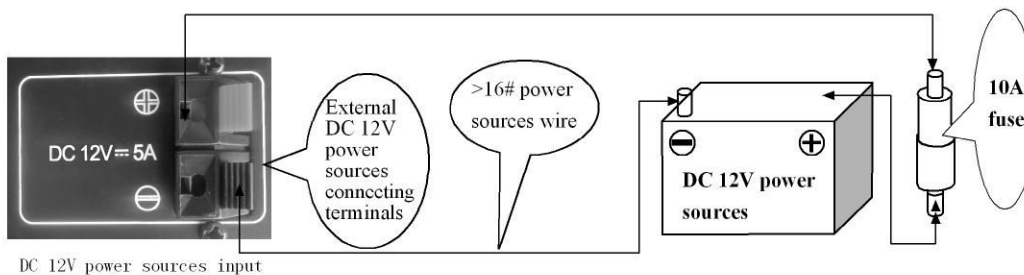


② Take out the screw



③ Take apart the battery wire

7.6 EXTERNAL DC12V POWER SUPPLY OPERATIONS



7.6.1 Use the cable size more than 16# to connect the two terminals of the ⊕ ⊖ polarities of the main receiver amplifier.

7.6.2 The external DC power voltage can not more than 16V, the minimum power supply current can not less than 7A, or the components of the main receiver are easy broken or the main receiver can not be Turn ON.

7.6.3 The RED terminal of the connecting wire is ⊕ and the BLACK is the ⊖ polarity.

7.6.4 In order to prevent the short circuit when connecting to the external DC power supply, please install a 10A fuse in the output terminal of the external DC power supply.

7.6.5 Connect the external DC power supply in the correct polarity then turn ON the main receiver machine and its power source's LED indicator light up that means the main receiver amplifier works normally. Turn OFF it after use.

7.6.6 As the connecting terminal is the single conductor, it just can accept the external power input, but can not supply power to the external devices.

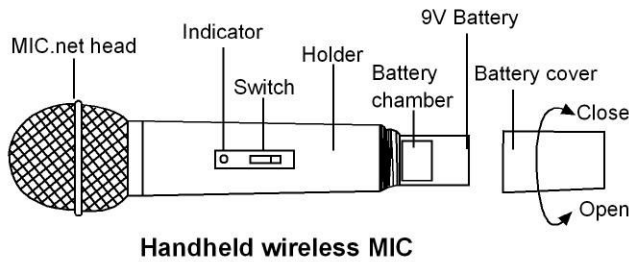
7.7 Wireless microphone operations

7.7.1 The system is with double receivers and double wireless transmitters or microphones. W/MIC 1 & W/ MIC 2 volume is controled by the same control knob.

7.7.2 Turn on the main receiver and the wireless microphone, the RF LED light up, the system can work in normal case.

Caution: Turn OFF the wireless microphone when you're not going to use it. In this way can save the 9V battery power and avoid the interference signals come in.

7.8 Wireless handheld microphone operations

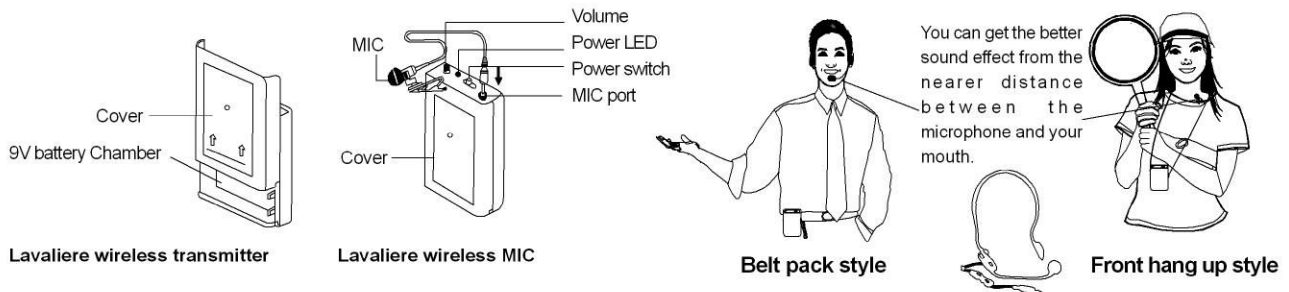


- 7.8.1 Open the battery cover.
- 7.8.2 Put the battery into the compartment and make sure you have a right polarity before you use it.
- 7.8.3 Turn the switch to **ON** and you can use the microphone now.
- 7.8.4 Please take the battery out if you are not going to use it for a period of time.

Caution: If the LED flash up, it shows the battery is good to use. If the LED is on, it shows that the battery is low, you have to change the battery before you can use the system. If the LED does not flash and not on, it shows the battery is dead or polarities are wrong.

7.9 Wireless transmitter with lapel or headset microphone operations

- 7.9.1 Open the battery compartment by sliding up the cover.
- 7.9.2 Put the battery into the compartment with correct polarity, and close the cover.
- 7.9.3 Plug the Lavalier microphone part to the jack.
- 7.9.4 Switch on the power of the transmitter and when the LED shows, it is ready to work.
- 7.9.5 Be careful to adjust the main control of the transmitter, start from least volume and slowly turn it to a appropriate level to hear your voice clearly and with feed back. The system is ready to use.
- 7.9.6 After use, you have to take the battery out of the transmitter to avoid battery leaking to damage the transmitter.



7.10 Treble and bass control operations

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

7.11 Wired microphone operations

- 7.11.1 The system has two wire microphones inputs with the function of priority.
- 7.11.2 Put the wire microphone plug into the jacks and adjust the volume control to your need.
- 7.11.3 When turn on the priority switch to use the wired microphones, adjust the volume button to 1/2 position of the music source to have the better sound result from the microphone and the music source.

7.12 Digital echo operations

- 7.12.1 Adjust the ECHO volume control to your need sound result.
- 7.12.2 This ECHO sound adjustment is only effective to the wired microphones and the wireless microphones.

Cautions: If the screaming sound occurs, adjust the volume less to avoid the screaming sound.

7.13 How to use the Bluetooth

- 7.13.1: Unit match with mobile phone: Turn on the main power switch, the bluetooth is off situation as default. Press and hold POWER ON/OFF/PLAY/PAUSE/REMOVE button 3 seconds to turn on the bluetooth, the bluetooth indicator LED quick flicker. The mobile phone search the bluetooth equipment Bluetooth 3.0 and enter the password "0000", then successfully match with it, BT LED slow flicker and also there is tone to alert you match successfully.
- 7.13.2: Play/Pause mobile's song: After matched successfully, you can use the mobile phone medium player to play the songs. Shortly press POWER/ON/OFF/ PLAY/PAUSE/REMOVE button to switch circularly between play and pause.
- 7.13.3: Release the match: In match successfully mode, press and hold POWER/ON/OFF/ PLAY/PAUSE/REMOVE button about 3 seconds to release the match, BT LED quickly flicker and also there is tone to alert you that you release successfully.
- 7.13.4: Power off: In power on mode, long press POWER/ON/OFF/PLAY/PAUSE/ REMOVE button to turn off the bluetooth. When power off the main unit, there is alert and the BT LED off.

Caution: As for wireless bluetooth application environment, wireless signal including bluetooth application are influenced by the environment nearby. The wireless signal can be absorbed by the trees, metal and other obstacles, so that to affect the distance of data transmission.

7.14 Multiply the volume of the amplifier operations

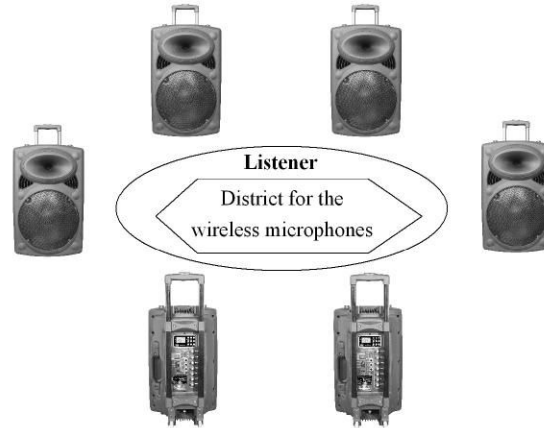
When hundreds or thousands of people get together for large activities outdoor and you need to multiply the sound in need, you can follow up the below method to do it.

CASE A: Use one or two wireless microphones to match with any pieces as your need same frequency main receiver amplifiers and the volume you can adjust it as your need, you can have the sound result as your requirement through this method. This method only is effective to speaking with the amplifiers but not playing the music at the same time. This case is just suitable for the temporary situation.

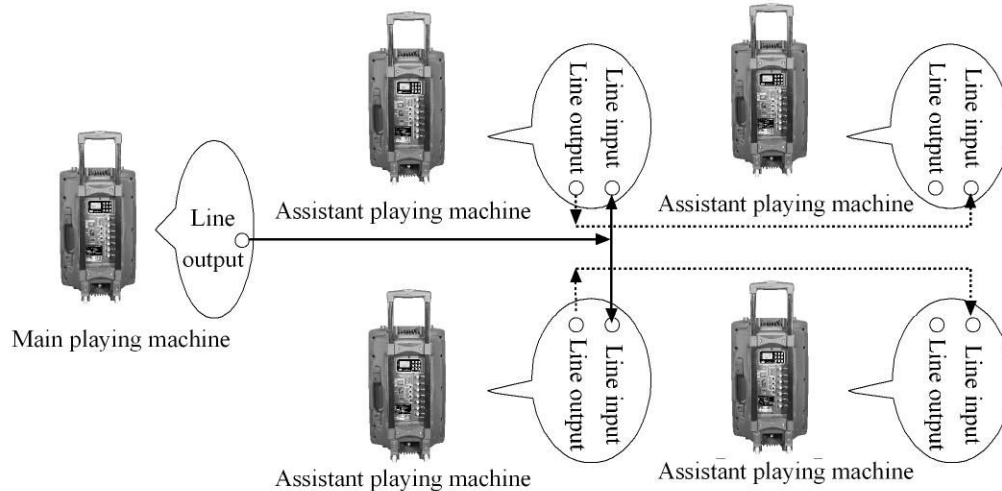
CASE B: Use any pieces of the main receiver amplifiers as your need to connect the external audio signals and use one main receiver amplifier as the main playing machine but the others are the assistant playing machine as the below pictures showed. This method can play the music and amplify the sound from the microphones at the same time. This case is suitable for the settle place.

CASE A:

Cautions: The frequencies of the microphones must be the same.



CASE B:



7.15 Priority function of the playing operations

- 7.15.1 Turn on the wired/wireless microphones priority switch, when you speak with wired/wireless microphones, the playing music will be down to stop automatically, but when you stop talking, the playing music will be reset to its playing mode. The priority function is only to the music playing control but not to the speaking sound.
- 7.15.2 Turn off the priority switch when you are not going to use it to prevent any music feedback from it.
- 7.15.3 Adjust the Volume of the Music sound sources in the position of 1/2 to prevent the music sound is larger than the speaking sound to have the satisfied sound result.

7.16 How to use the guitar input jack & its volume control knob

This is the volume control knob for the guitar audio sources. You can adjust it from minimum to maximum in clockwise direction as your need.

8. MALFUNCTIONS AND TROUBLE SHOOTING OF THE AMPLIFIER

| Problems | Solutions |
|----------------------------|--|
| No Power LED indicator | <ol style="list-style-type: none"> 1. The Power source button of the amplifier is not turned on. Turn on the amplifier 2. DC 12V rechargeable battery built-in are not enough. Change the DC to AC power and charge the DC 12V rechargeable battery immediately as possible. |
| Screaming sound occurs | <ol style="list-style-type: none"> 1. Adjust the volume of the amplifier and the transmitter less 2. Adjust the volume of the Treble and Echo less 3. Adjust the distance between the amplifier and the transmitter or the direction of the amplifier. Please don't turn the wireless transmitter directly toward the speaker of the amplifier in short distance. |
| Noise or abrupt stop sound | <ol style="list-style-type: none"> 1. Not enough power in the amplifier or the transmitter. Charge or replace the battery or Change to use AC power. 2. Broken transmitter or connecting cable. Replace a new one. 3. External same frequency interference signals influence. Change the frequency or move the amplifier to another place can be used without interference by the external signals. |
| No voice heard | <ol style="list-style-type: none"> 1. The power switch of the amplifier and the transmitter maybe not turn on. Turn ON them. 2. The cable of the transmitter was broken. Replace a new one. 3. The Volume control knob of the amplifier and the transmitter are not turned on and adjusted. Turn On and adjust them. |

9. SAFETY



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.
7. Do not block any ventilation openings. The ventilation shall not be impeded by covering the ventilation openings with items, such as newspaper, table cloth, curtains, etc.
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.

10. 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.

11. OPTIONAL PURCHASE ACCESSORIES



X-005 + X-007
Lavalier wireless
Mic with transmitter
(9V)



X-076B
Headset Microphone



X-077
Headset Microphone



BA-008
DC 8.4V
Rechargeable
battery



AAbattery



BA-003
DC 12V/7AH
Rechargeable
battery



X-010
Handheld
wireless
MIC(9V)



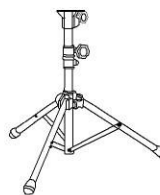
X-011
Handheld
wireless
MIC(9V)



X-015
Handheld
wireless
MIC(3V AA)



RE-006
RECORDER



K-067
Tripod stand



Accessories
carrying case



Cover