

MOVABLE WIRELESS PA AMPLIFIER LECTERN
WITH USB/SD PLAY MP3 & RECORD FUNCTION

MANUAL



4.3.0000043022

CONTENTS

Thank you.....	1
Basic Features of the Amplifier.....	2
Descriptions of components.....	3-7
Quick set instructions.....	7-8
Standard match.....	9
Specification & Features.....	9
How to adjust the PA Amplifier.....	9
System operation on AC power.....	10
System works on DC power.....	10-11
How to use the goose shape MIC on the desk top of the amplifier.....	11
How to use the handheld wireless MIC.....	11-12
How to use the wireless Lavalier MIC.....	12
How to use the wired microphone?.....	12
How to use the Audio input?.....	13
How to use the Audio output?.....	13
How to use the SPEAKER OUTPUT 1/2.....	13
Cautions and trouble shooting.....	13-14
Safety.....	14-16
Service information.....	16
Optional purchase accessories.....	17-18

THANK YOU

Thank you for purchasing this PA amplifier system. Before using this amplifier system, please read the manual thoroughly and carefully. Please keep this instruction manual in a safe place after reading for future reference.



X-084
650 mm
goose-neck MIC



X-085
505 mm
Deck lamp



X-083
520 mm
goose-neck MIC

Optional purchase accessories:



X-005
Transmitter
with Lapel MIC



X-011
Wireless
Handheld MIC



X-010
handheld
Wireless MIC



X-076/076B
Headset MIC



X-077
Headset MIC



X-070
Headset MIC



MP3/FM
remote
controller



DC 5AH
rechargeable
battery



DC 8.4V
rechargeable
battery



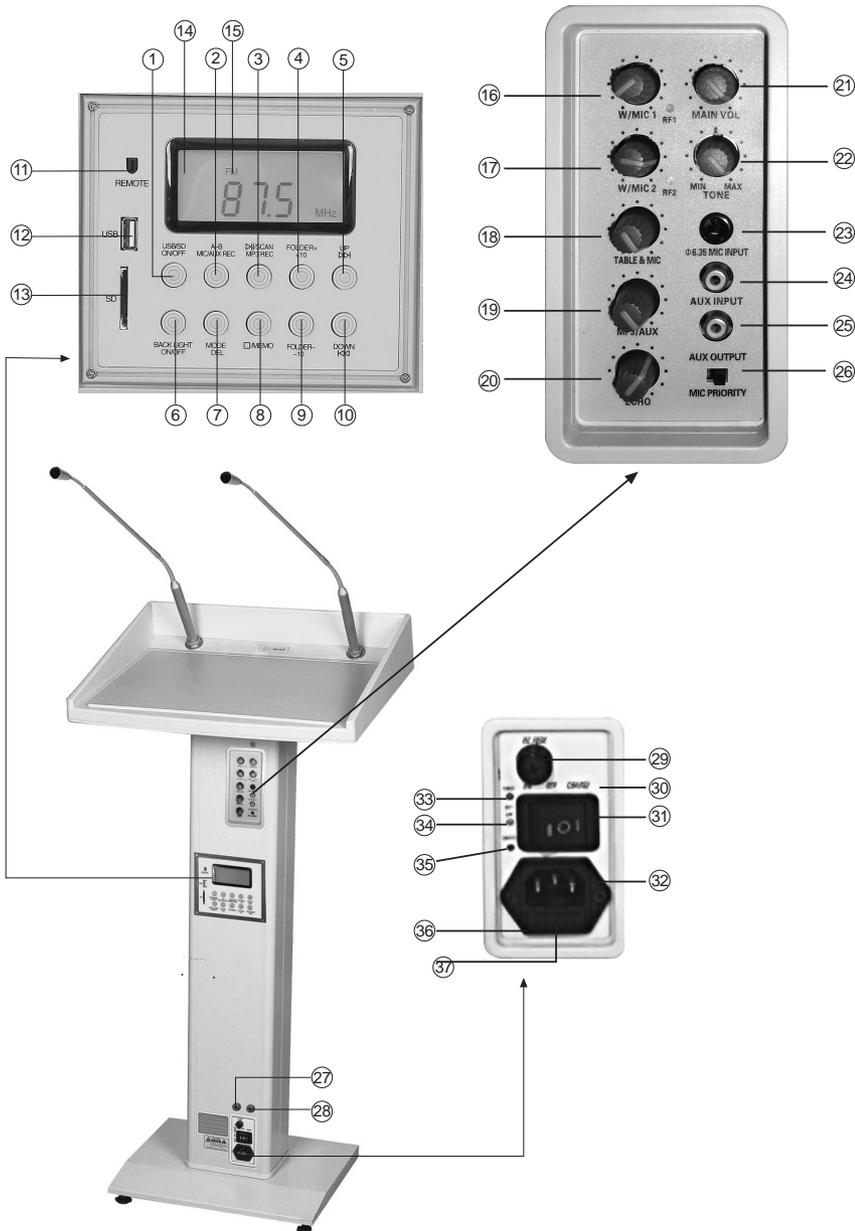
Lectern
Fabric
Cover

Basic Features of the Amplifier

- The desk of this lectern is made of ABS engineering plastic, its column is made of aluminum and its bottom board is made of iron. It is movable and easy for carrying to anywhere.
- Unit comes with a VHF wireless receiver on a 98 frequency coding set up (165-265MHz).
- Built-in antenna
- The built-in rechargeable battery supply also serve as standby power supply in case of sudden AC power failure.
- Multi function inputs for MICS, CD'S, external loudspeakers and other playback source.
- Multi colored function knobs for easy operation.
- Alert tone if the battery is low
- The VOLUME control can control MP3 / FM / AUX IN.
- With LCD display function
- With LCD display backlight function
- When MP3 is playing, with A to B repeat play function
- With POWER LED indicator
- With RF LED indicator for wireless microphone signals.
- SMD & SMT technology used
- Stable VHF wireless frequency
- With FM digital radios tuner.
- With USB/SD play MP3 & record functions. The unit can read the MP3 and WMA format files.

The USB and SD card can be copied to each other. The USB and SD card can record the FM audio sounds, the audio input sounds & the dynamic wired microphone and the wireless two microphones' input sound. For example: 1G USB/SD card can be recorded for 1000 minutes, 8G can be recorded for 8000 minutes and so on.

Descriptions of components



3

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 the responsibility of the consignee to file a claim with the delivery carton is in good condition but the unit is damaged or defective. Call your sales agent for any service.

16

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.

1. USB/SD ON/OFF BUTTON: Press this button the first time as the default power ON the machine. Press again to select from the mode between the USB to SD. Press and hold this button more than 2 seconds to close the display and enter the Standby situation.

2. A - B / MIC/ AUX REC BUTTON:

2.1 In MP3 play mode, Press this button A-B first time in A, can set the present playing audio file from the beginning point which is A to the end point which is B. At this moment, the LCD is flashing "A-". Press the "A-B" the second time, can set the end point of present playing audio file, then it will enter auto repeat play situation. The LCD is flashing the "A-B", at this time push again this button to delete the repeat play function to enter normal play function.

2.2 Any situation in switch ON mode, Press this button more than 2 seconds to enter MIC/AUX IN RECORD setting situation. Use the button ▷▷ UP ◀◀ DOWN to find out your target file to be recorded to the USB or SD card. Press this button again to start the recording. At this moment, USB or SD card is flashing in 1Hz. Press STOP to stop the recording.

3. ▷| /SCAN MP3 REC BUTTON:

3.1 In MP3 Stop mode, first time to press this button is to play the MP3, the LCD screen display the present play song or the past time record per 5 seconds changed between them.

In MP3 Play mode, press this button to Pause the MP3 play. The LCD screen display ■■*In Play mode, press this button can change the function from PLAY to PAUSE or from PAUSE to PLAY.

3.2 In MP3 play mode, press and hold this button more than 2 seconds to enter recording function. If no any operation more than 8 seconds, it will exit the RECORD function. At this time: USB and SD can be recorded to each other. After check the flash, use the ▷▷ / UP ◀◀ DOWN button to select "ONE", "FOL" or "ALL" record.

Press this **▷|/SCAN MP3 REC BUTTON** again to start the recording. At this time, the USB or SD is flashing in 1Hz, (the target disk is flashing). Press **■** to stop the recording. When single song is being recorded, then "ONE" is flashing in the screen. When file is being recorded, then "FOL" is flashing. When all files are being recorded, then "ALL" is flashing.

3.3 MP3 quick copy: MP3 is in STOP mode to quick copy USB or SD. Use **▷▷| / UP ◀◀ DOWN** button to select the target recorded USB or SD disk (The USB or SD is flashing in 1HZ), press **▷|/SCAN MP3 REC BUTTON** to start the RECORD. At this time, "REC" display for 2 seconds, USB or SD is flashing in 1HZ, the copy speed is counted by percentage which 100% is complete copied. Press STOP button to stop the RECORD.

4. FOLDER+ / +10 BUTTON: In MP3 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.

5. UP / ▷▷| BUTTON: In MP3 MODE, press this button to select the next song. Press and hold this button to be fastly forward.

6. BACKLIGHT ON/OFF BUTTON: First time to press USB/SD/ON/OFF button to switch on the MP3 default backlight AUTO MODE. Press any key except the BACKLIGHT ON/OFF BUTTON, the backlight is in high light for 10 seconds. After 10 seconds if no any press to it, change to low light. In the backlight AUTO MODE, press BACKLIGHT ON/OFF BUTTON one time to switch off the backlight. In the off situation of the backlight, press USB/SD/ON/OFF one time, the backlight change to AUTO, can be switch to each other from AUTO to OFF.

7. MODE / DEL BUTTON:

7.1 In MP3 MODE, Press the MODE/DEL BUTTON the first time, the LCD display **○** and " ONE", Press the MODE/DEL BUTTON the second time, the LCD display **○** and " FOLDER" which is flashing in 1Hz kb. Press the MODE/DEL BUTTON the third time, the LCD display **○** and " ALL".

2) Make sure if the Lavalier MIC is damaged, if so, new one should be replaced.

3) Make sure if the AC/DC fuse is broken or not, replace a new one (250/5A) if it is broken.

5. Remove the 9V battery to avoid the leakage of acid and damaging the components.

SAFETY

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
<p>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</p>		



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

How to use the Audio input?

- 1.Any kinds of Audio signal input (0dB 600*) can be connected, such as CD, TUNER and REC cassette.
- 2.Adjust the volume control to the desirable position.

How to use the Audio output?

Aux output will go to the recording system and you can record while using the amplifier system,or the sound sources will go to the machine connected.

How to use the SPEAKER OUTPUT 1/2

Connect the external 4* loudspeaker to this speaker 1&2 Jack to meet your requirement.

Cautions and trouble shooting

Please go through this manual carefully before operation, if you notice any abnormality regarding the amplifier, contact the dealer for services or you may have a simple check as follows:

1.Switch off the power of amplifier and transmitter and pull off the AC power plug.

2.When using the microphone and feedback occur...

- 1)Adjust the amplifier volume.
- 2)Adjust the transmitter volume.
- 3)Move any direction or make a distance between the amplifier and MIC until the feedback is gone.

3.If noises and voice interruption occur:

- 1)Battery of the wireless MIC is weak replace a new one.
- 2)AC power should be applied in case of weak power of the built-in DC power when using built-in DC power in the amplifier.
- 3)A new MIC wire should be replaced when the MIC wire is wearing out.

4.No sound:

- 1)Check the volume of the amplifier and transmitter is well adjusted.

7.2 In MP3 mode, Press and hold the MODE/DEL more than 2 seconds into DELETE situation. At this time: Use the ◀◀ / DOWN & the ▶▶ / UP two buttons to select the file (ONE is single song, FOL is the present folder, ALL is the complete folders) will be deleted and press the MODE/DEL again to confirm DELETE.

7.3 In MP3 mode, press and hold the MODE/DEL more than 2 seconds, but within 8 seconds no any operation, it will exit the present situation automatically.

7.4 In MP3 mode, press and hold the MODE/DEL more than 2 seconds, or press STOP/MEMO button to exit the present situation.

8. ■ / MEMO :

8.1 In MP3 play mode, press this button to enter STOP situation;

8.2 In mode, press this button to have the below functions:

8.2.1 If the MOMERY has not saved the 1-20 radio stations, at this time to press this button, then nothing will funciton.

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

10. DOWN/ ◀◀ BUTTON: In MP3 MODE, press this button to select the previous forward/backward. Press and hold this button to be fastly forward.

11. REMOTE: This is a remote sensor for the remote controller of the MP3 and FM.

12. USB port: This is a USB port for inserting the USB card.

13. SD port: This is a SD port for inserting the SD card.

14. LCD display : This is the LCD display screen for the funcitons of the MP3 and FM and recording.

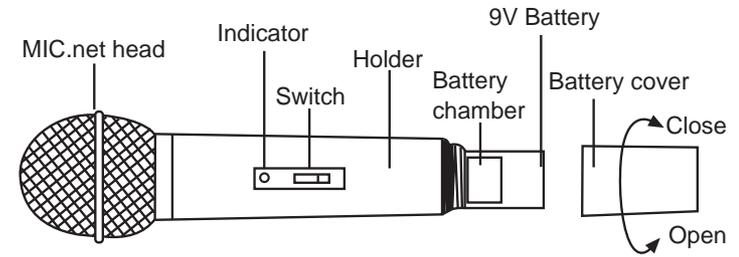
15. BACKLIGHT :First time to press USB/SD/ON/OFF button to switch on the MP3 default backlight AUTO MODE. Press any key except the BACKLIGHT ON/OFF BUTTON, the backlight is in high light for 10 seconds. After 10 seconds if no any press to it,change to low light.

In the backlight AUTO MODE, press BACKLIGHT ON/OFF BUTTON one time to switch off the backlight. In the off situation of the backlight, press USB/SD/ ON/OFF one time, the backlight change to AUTO, can be switch to each other from AUTO to OFF.

16. Wireless MIC1
17. Wireless MIC2
18. TABLE & wired microphone
19. Volume control knob of MP3/AUX
20. Volume control knob of ECHO
21. MAIN volume control knob
22. Tone control knob
23. *6.35 Mic Input Jack
24. Aux Input
25. AUX Output
26. Mic Priority
27. Speaker output 1
28. Speaker output 2
29. DC Fuse
30. Charge
31. Power Switch
32. Socket of AC power
33. Power LED
34. Weak power indicator of built-in rechargeable battery
35. Charge LED
36. AC Fuse
37. Standby Fuse

QUICK SET INSTRUCTIONS:

1. **USB or SD be recorded to each other:** In MP3 mode, press \triangleright /SCAN /FM/MP3 REC more than 2 seconds, then press \lll /FM DOWN and \triangleright /FM UP to select ONE/ FOL/ ALL then press \triangleright /SCAN/FM/MP3 REC to confirm starting the RECORDING.



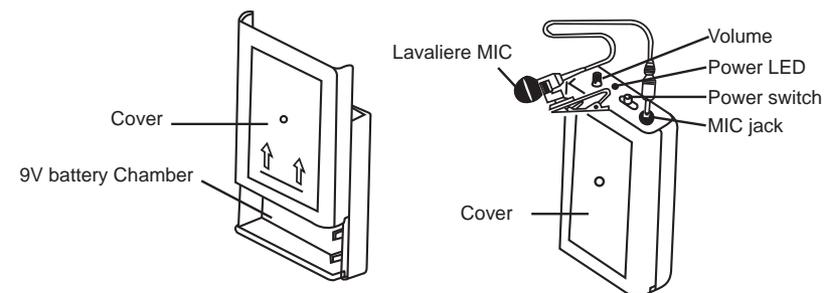
Handheld wireless MIC

How to use the wireless Lavalier MIC

1. Push upward the cover to insert or replace a 9V battery following the correct polarity.
2. Plug the lavalier mic into the input jack and turn "ON" the transmitter. LED lights indicating normal function.
3. Adjust the main volume to a certain level. Then adjust the gain of the transmitter to a level you require.

Note: Based on this one:

In case of noises, voice interruption occur while in operation, indicating the power of the battery is low, turn "OFF", remove the battery and replace a new one following the correct polarity. To avoid battery leakage, do not left the battery in the chamber when not in use.



Wireless transmitter

Lavalier wireless MIC

How to use the wired microphone?

Insert the plug of the wired microphone into the jack of the amplifier. Adjust its volume control to the desirable position.

NOTE:

1. When the internal power supply is weakened, noise & interruption of voice or music will occur, replacement of AC power is needed.
2. Warning alarm sounds indicating weak power, recharge should be needed.
3. A DC 12V 5 AH, rechargeable battery as an option for internal power supply for outdoor use.
4. To charge the internal power supply, switch the power to 'CHARGE' after connecting to AC power.
5. 'Charge LED' lights indicating normal charge function, LED light turn off means fully charged.
6. Charge every 3 months for 8 hours at least at least when not in use to avoid damage of the built-in 5AH rechargeable battery.

Caution

The switch of the Movable Wireless PA Amplifier must be in "OFF" position after using, otherwise, the internal built-in rechargeable battery would continue its power release and result in damage of it.

How to use the goose shape MIC on the desk top of the amplifier

1. Adjust the flexible goose shape MIC. to the proper angle and position.
2. Adjust the volume control knob to the desirable position.

How to use the handheld wireless MIC

1. Insert a 9V battery by turning the rear battery compartment in a counter clockwise direction.
2. Slide the switch to ON position.
 - a. An LED Indicator will flash once, confirming the unit is now ready.
 - b. If the LED light up steadily, this indicates that the battery is already LOW, replace it with new one accordingly.
3. When the microphone is not in use for a long period of time, make sure to remove the battery to avoid leakage that may result to damage of the unit.

2. **RECORD THE FM:** In FM mode, press \triangleright /SCAN/FM/MP3 REC more than 2 seconds, then press \lll /FM DOWN and \ggg /FM UP to select the target disk, then press \triangleright /SCAN/FM/MP3 REC to confirm starting the RECORDING.
3. **RECORD the voice from the Microphone or the AUX input:** In MP3 or FM mode, press A-B/MIC/AUX REC more than 2 seconds, then press \lll /FM DOWN and \ggg /FM UP to select the target disk, then press A-B/MIC/AUX REC to confirm starting the RECORDING from the microphone and the AUX input.
4. **DELETE FILE:** In MP3 mode, press MODE/DEL more than 2 seconds, then press \lll /FM DOWN and \ggg /FM UP to select the target file to be deleted, e.g. ONE means delete single song, FOL means delete the whole file, ALL means the complete files will be deleted. Then Press MODE/DEL to confirm the deleting.
5. **Play what you recorded in the USB or SD card:** Make the target USB or SD card in play mode, combine to use FOLDER+ /+10, FOLDER- /-10, \lll /FM DOWN , \ggg /FM UP to select C1 file which was recorded. (The sequence of the C1 file is be counted by the recorded time in the name 001,002,003 The first time to record, it will add the file C1 as 001 automatically. If the target disk has 5 files when you are recording, then the recorded file will be added as the 006 automatically by the system itself. If the target disk has 6 files when you are recording, then the recorded file will be added as the 007 automatically by the system itself. And so on.)
6. **FM/MIC/AUX RECORD repeat play(LINE IN RECORD):** Target disk is playing, combine to use the FOLDER+ /+10, FOLDER- /-10, \lll /FM DOWN , \ggg /FM UP to select L1 file to be recorded. (The sequence of the L1 file is be counted by the recorded time in the name 001,002,003 The first time to record, it will add the file L1 as 001 automatically. If the target disk has 5 files when you are recording, then the recorded file will be added as the 006 automatically by the system itself. If the target disk has 6 files when you are recording, then the recorded file will be added as the 007 automatically by the system itself. And so on.).

Standard match accessories

1. One main movable wireless PA Amplifier
2. Four flexible MICS (lamps as option)
3. One handheld wireless MIC
4. One power cable
5. One MP3 remote controler

Specification & Features

Power Supply	: 1. AC Power voltage please refer to the correct voltage on the label of the PA Amplifier main machine. 2. DC 12V/5AH built-in rechargeable battery
Output Power	: 60W Max
Loudspeaker	: 16cm 25W/4* x 2pcs
Wireless Service range	: 35M
Frequency Range	: VHF 165-265 MHz
Frequency stability	: *0.005% quartz oscillating locked
Dimension	: 550 x 410 x 1150mm
Net weight	: 20kgs

We reserve the right to alternate or improve the technology of the movable Wireless PA Amplifier without any notice in advance.

NOTE: The single channel system allows only one microphone to work at the same time . Dual channels allow two wireless microphones work at the same time.

How to adjust the PA Amplifier

1. Put the goose style microphone into its position on the desk top of the PA amplifier and correct screw it before starting a speech.
2. Under the PA amplifier, there are 4 adjustable foots to level the whole set and the goose style microphone can be adjustable to your required level too.

System operation on AC power

1. Using AC power, plug the amplifier to the AC power outlet, make sure you're using correct power voltage.
2. Switch ON the amplifier, power LED lights, indicates normal functioning. If the power LED light is not indicated, check the AC/DC fuse or connecting cable. Power switch must be turn OFF after using.
3. Power is supplied by the built-in rechargeable battery when the AC power is cut down.
4. To charge the built-in rechargeable battery, plug in to AC power source and switch it to "CHARGE", Green LED lights, means normal charge function. The LED will be dim when it is full charged.
5. Using DC power, the built-in rechargeable battery will serve as your power source when you are going to use the amplifier in area where no AC power source is available commonly applicable for outdoor use.
6. AC power plug must be pulled off after finish charging or if you're not going to use it for a while.

Note: AC power plug must be pulled off after charge or if you're not going to use it for a period of time.

Caution

The switch of the Movable Wireless PA Amplifier must be in "OFF" position after use, otherwise, the internal built-in rechargeable battery would continue its power release and result in damage of it.

System works on DC power

Switch power to "ON", the light of power LED indicates the normal function of DC built-in rechargeable battery and the amplifier is on operation. Turn off the power after operation so as not to shorten the use span of it.