

MOVABLE WIRELESS PA AMPLIFIER

M A N U A L

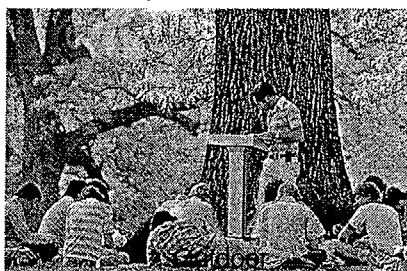


SH-430

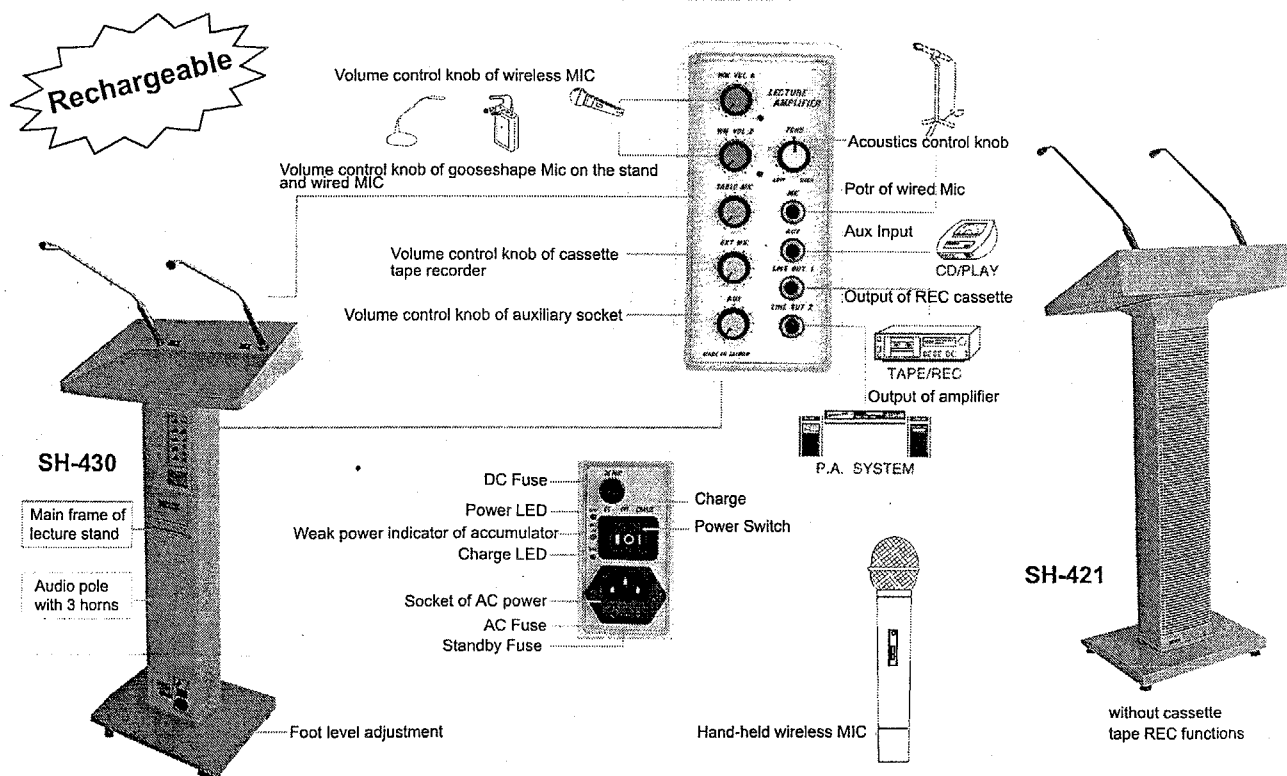
Thank you for purchasing this PA amplifier system. Before using this amplifier system, please read the manual thoroughly and carefully. Please keep instruction manual in a safe place after reading for future reference.

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 portable and easy for carrying to anywhere.
- Unit comes with a VHF wireless receiver on a 65 frequency coding set up (165-265MHz).
- Built-in antenna
- Multi source power supply 240V AC & 12V DC
- 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.
- Play & record functions
- Tape counter
- Alert tone if the battery is low



Descriptions of components



Standard match

1. One main movable wireless PA Amplifier
2. Two flexible MICS
3. One hand-held wireless MIC
4. One power cable
5. One Lavalier MIC (optional)

Specification & Features

Power Supply	: 240V AC 12V/2.4AH DC Built-in rechargeable battery
Output Power	: 60W Max
Loudspeaker	: 16cm 25W/4Ω x 3sets
Wireless Service range	: 35M
Frequency Range	: VHF 165-265 MHz
Frequency stability	: ±0.005% quartz oscillating locked
Dimension	: 550 x 410 x 1150mm
Net wieght	: 29kg

Optional purchased parts for customer:
1. Lavalier MIC with wireless transmitter
2. Headset MIC with wireless transmitter
3. Wireless Handheld MIC

NOTE: The single channel system allows only one microphone to work at the same time.
Double channels system allow two microphones to 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 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 right voltage (240V 50Hz).
2. Switch ON the amplifier, power LED lights, indicate 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 accumulator when the AC power is cut down.
4. To charge the accumulator, plug in to AC power source and switch it to "CHARGE", Green LED lights, mean normal charge function.
5. Using DC power, the accumulator 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 finishing charged or if you're not going to use it for a while.

Caution

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

System works on DC power

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

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 2.4 AH, adaptor 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 charge.
6. Charge every 3 months for 8 hours when not in use to avoid damage of internal power supply.

Caution

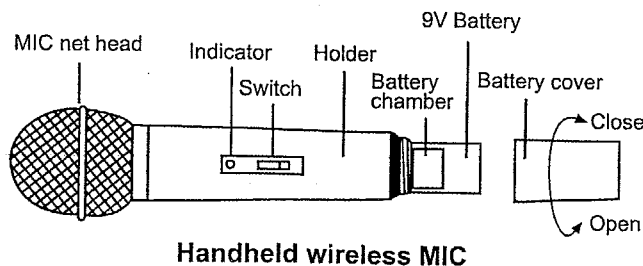
The switch of the Movable Wireless PA Amplifier must be in "OFF" position after using, otherwise, the internal accumulator would continue its power release and result in damage of accumulator.

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

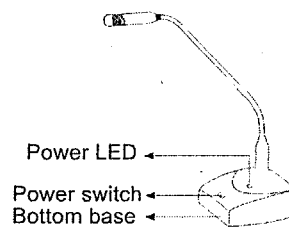
1. Insert a 9V battery by turning the rear battery compartment in a counter clockwise direction.
2. Slide the switch to ON position.
 - a. An LED Indicator will flash once, confirming the unit is now ready.
 - b. If the LED light up steadily, this indicates that the battery is already LOW, replace it 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.



How to use the condenser meeting (goose shape) wired/wireless microphone

Remove the battery cover at the bottom base, insert the 9V battery with the right positive or negative pole, then close the cover.

1. Switch the power to "ON" position, the power LED lights indicating normal function.
2. Switch the power to "OFF" position after using. Take off the 9V battery to avoid battery leakage result in damaging it.



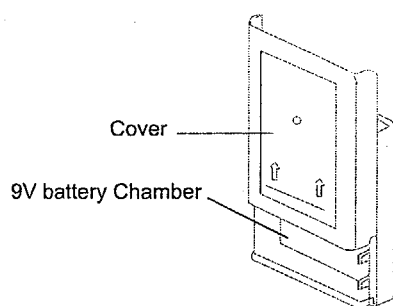
Conference wireless Mic (optional)

How to use the Lavalier wireless MIC

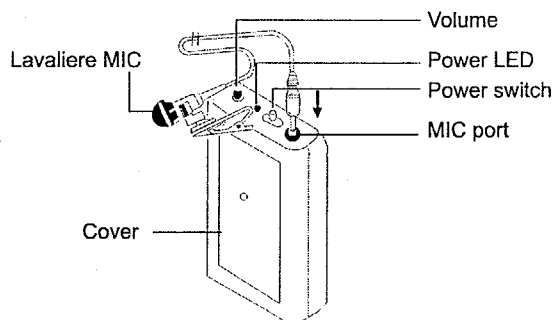
1. Push upward the cover to insert or replace a 9V battery following the correct polarity.
2. Plug the lavalier mic into the input jack and turn "ON" the transmitter. LED lights indicating normal function.
3. Adjust the main volume to a certain level. Then adjust the gain of the transmitter to a level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

How to use the Audio input?

1. Any kinds of Audio signal input (0dB 600 Ω) 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?

The amplifier can output the outer signal to PA system or REC cassette.

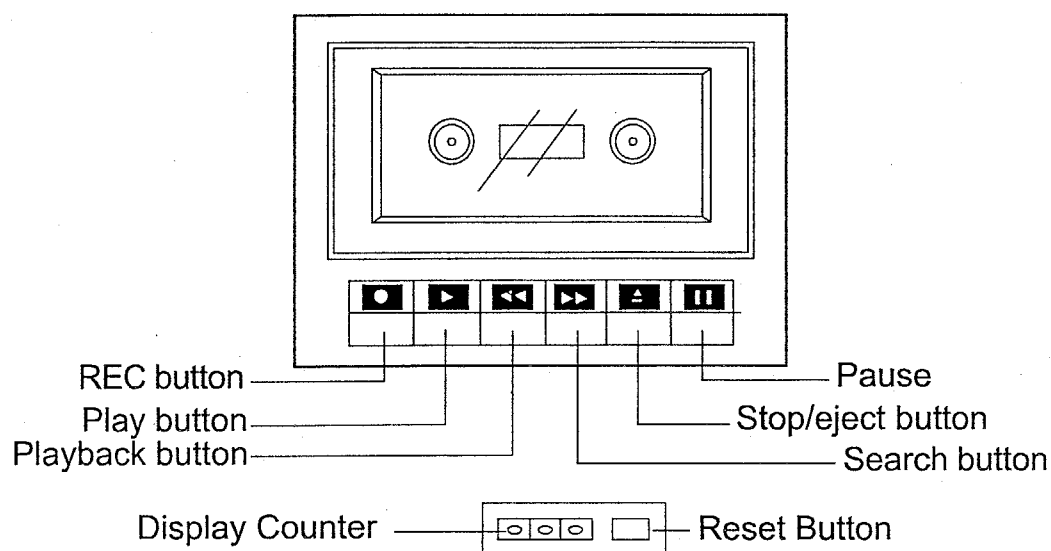
LINE OUT 1: Output to REC cassette. Plug into the port, the built-in horns output sound normally. Output 0dB-0V 600 Ω .

LINE OUT 2: Output to amplifier system. Plug into the port, NO output sound occurs.

Note:

Don't connect the LINE OUT 1/2 with outward loudspeakers directly.

How to use the Play & Record of cassette



A. Play Back Mode

- 1) Press eject button (▲) then insert the cassette tape and press play button (▶) for playback press stop button (▲) to end the play.
- 2) Adjust the tape volume and tone to achieve the desire level.
- 3) Press the pause button (||) to freeze and press it again to continue.
- 4) Press the (▶▶) button for fast forward and (◀◀) button for fast rewind.

B. Record Mode

- 1) Insert the cassette tape into cassette deck (Note: the tape should have the erase preventive lock).
- 2) Press Play (▶) and Rec (●) buttons at the same time to record, then press the (||) or (▲) to pause or stop the recording.
- 3) In most cases, voice can also being record by using the wired or wireless microphone, adjust the volume of the mic to a certain level during recording.

Note: The record volume is controlled by the wired and wireless volume knob

Note:

The record volume up to volume knob.

3.Maintenance and notice

- 1) Dust or dirt may stick to the tape head, pinch roller and capstan because of the frequent movement of these parts, and it may lead to the distortion or mutation of the sound. Cotton swab dipped with pure alcohol can be used to clean these parts.
- 2) Insert the tape in a proper position to avoid the damage to auto-stop lever.
- 3) If tape wheel can't move or the tape is too tight and irregular. Rewind the tape several times to solve this problem.
- 4) Check the TAPE head to see if it's dirty, make sure the erase-prevented chip of the tape is not removed when recording. Regular cleaning of the tape head is necessary.

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.

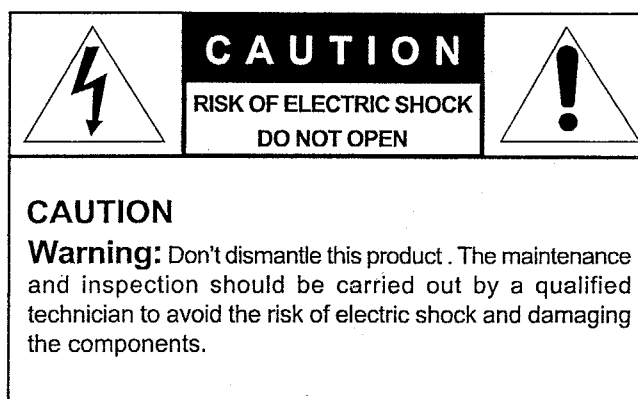
3.If noises and voice interruption occur:

- 1)Battery of the wireless MIC is weak replace a new one.
- 2)AC power should be applied in case of weak power of accumulator when using accumulator 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.
- 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.



249-250

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Display