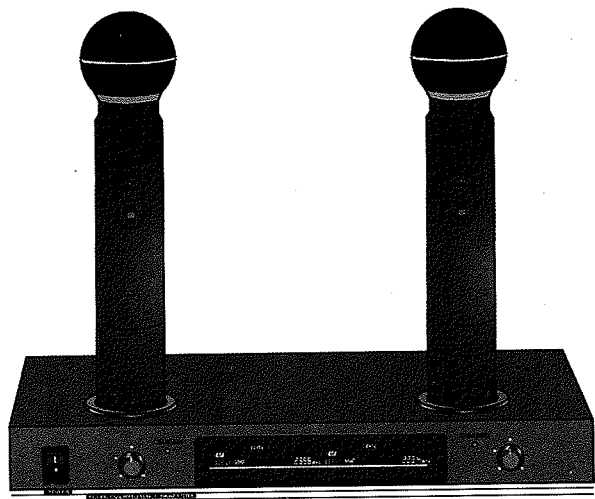


Acesonic
The Leader in Professional Equipment



VHF-8000

DUAL-CHANNEL VHF WIRELESS
MICROPHONE SYSTEM



USER'S MANUAL

NOTE:

To ensure this component will work safely and to its fullest potential, please read this user's manual carefully before operation and keep for future reference.

www.acesonic.com

Warnings, Cautions and Others Mises en garde, precautions et indications diverses



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated **dangerous voltage** within the product's 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 user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION

To reduce the risk of electrical shocks, fire, etc:

1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

FCC INFORMATION (U.S.A.)

1. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.
2. **IMPORTANT:** When connecting this product to accessories and/or another product use only high quality shielded cables. Cable(s) supplied with this product **MUST** be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use product in the U. S. A.

For Canada/Pour le Canada

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT.

ATTENTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

For Canada/Pour le Canada

THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FORM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED DIGITAL APPARATUS, ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS. CET APPAREIL NUMERIQUE RESPECTE LES LIMITES DE BRUITS RADIO ELECTRIQUES APPLICABLES AUX APPAREILS NUMERIQUE DE CLASSE B PRESCRITES DANS LA NORMESUR LE MATERIEL BROUILLEUR: APPAREILS NUMERIQUE , NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

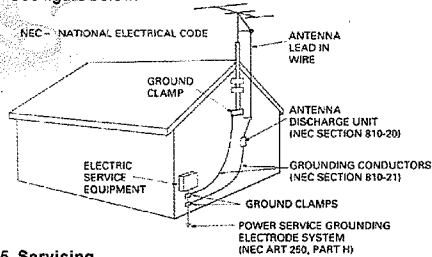
Caution

Disconnect the electrical plug to shut off power completely. The **POWER** on the unit is not off from the electrical plug when the **POWER** button on the front panel is not pressed in.

Important Safety instructions

1. **Read** These Instructions.
2. **Keep** These Instructions.
3. **Heed** All Warnings.
4. **Follow** All Instructions.
5. **Do not** use this product near water.
6. **Clean** only with dry cloth.
7. **Do not** block any ventilation openings.
8. **Do not** install near any heat sources such as radiators, heat register, stoves, or other apparatus (including amplifiers) 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 third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an 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 exit from the apparatus.
11. **Only** use attachments and accessories specified by the manufacturer.
12. **Use** only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart.
13. **Unplug** this apparatus during lightning storms or unused for long period of time. Apparatus combination to avoid injury from tip-cover.
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. **This** product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
16. **Protective Attachment Plug**
The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
17. **Power Lines**
An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

18. **Overloading**
Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
19. **Object and Liquid Entry**
Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
20. **Replacement Parts**
When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
21. **Safety Check**
Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
22. **Wall or Ceiling Mounting**
The product should be mounted to a wall or ceiling only as recommended by the manufacturer. Any mounting of the product should follow the manufacturer instructions, and should use a mounting accessory recommended by the manufacturer.
23. **Wet location marking**
Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
24. **Outdoor Antenna Grounding**
If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See figure below.
25. **Servicing**
If your product is not operating correctly or exhibits a marked change in performance and you are unable to restore normal operation by following the detailed procedure in its operating instructions, do not attempt to service it yourself as operating instructions, do not attempt to service it yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personal.



Acesonic VHF-8000

Thank you for purchasing Acesonic's VHF-8000. Acesonic takes pride in providing our customers with only the most advanced and highest quality karaoke products on the market. Please read through this USER'S MANUAL before operation to ensure proper usage, and keep for future reference. Enjoy!

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Parts checklist

Before installing your wireless microphone, Here are a few things you should do/know:

- Handheld microphone(2)
- 3 ft. male to male " cable (1)
- Mounting brackets (1 pair)
- Rechargeable AA battery (4)
- AC power adapter (1)
- User manual and warranty card
- VHF-8000 receiver (1)

*Be sure to keep original packaging in case of re-shipping is needed.

**Accessories like rechargeable batteries are not included in 1 year warranty.

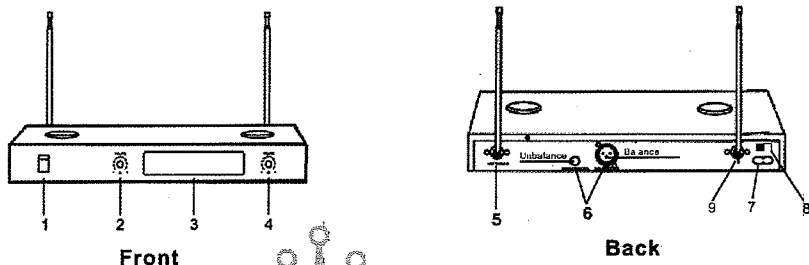
Matters Need Attention

- 1) Check to see whatever the local voltage accord with operating receiver voltage (Wrong selection may lead to burn out of receiver)
- 2) Do not dismantle the machine on your own. For internal repair, please contact the local distributor or accepted service center. Please see page 10 for more detail.
- 3) When the machine will not be used for a long time, please disconnect the power plug from receiver.
- 4) Do not recharge your batteries until the batteries are low.

Cleaning

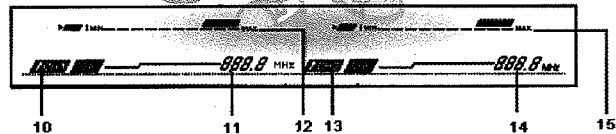
- Please make sure the power is disconnected before cleaning or repairing the machine.
- The machine can be cleaned by using a soft cloth with water. Dry the machine with a dry cloth and let it air dry for 15 minutes.
- Please do not use volatile gasoline, diluents or other chemicals to cleaned the machine

Receiver Descriptions



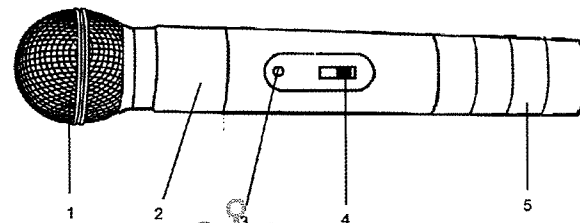
- 1) **Power on/off switch** - Turns the VHF-8000 on and off.
- 2) **Channel 1 volume control knob** - Adjust the volume on the first microphone.
- 3) **Display panel** - Display the frequency of the microphones and the volume level it is receiving.
- 4) **Channel 2 volume control knob** - Adjust the volume on the second microphone.
- 5) **Channel 2 antenna** - Provide RF signal for the second microphone.
- 6) **Audio output jack** - Output jack that are used for connecting to amplifier, mixer or karaoke player. VHF-8000 supports both balance & unbalance Audio output.
- 7) **AC power connection** - Main power jack to power the system. Connect to wall outlet.
- 8) **AC input switch(110V/220V)** - Selecting input power 110V or 220V.

Display panel descriptions

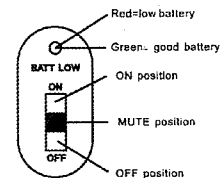


- | | |
|---|---|
| 10) Channel 1 operating indicator | 13) Channel 2 operating indicator |
| 11) Channel 1 operating frequency point | 14) Channel 2 operating frequency point |
| 12) Channel 1 audio indicator | 15) Channel 2 audio indicator |

Microphone Descriptions



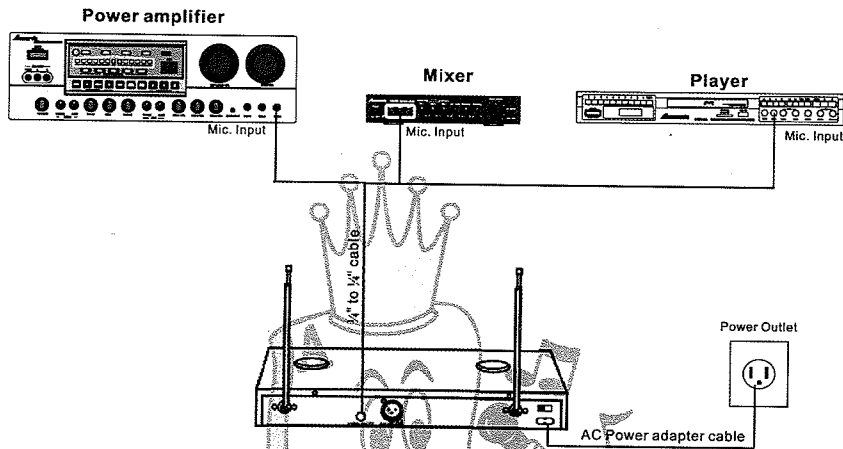
- 1) **Cartridge module**- This is where you would sing into.
- 2) **Microphone body**- The main frame of the microphone.
- 3) **Operating indicator**-When it lights up red, it means that the battery is low. When it light up green, it means that the battery is good. When there is no light, it means the microphone is off.
- 4) **Power switch**- When the switch is push all the way up, it is on the ON position. When the switch is push all the way down, it is on the OFF position. When the switch is push to the middle, it is on the mute position. (Mute is used to avoid the noise that is caused by turning the microphone from the ON position to the OFF position and vice versa. It also save batteries.)
- 5) **Battery cover**- This is the base of the microphone where you



Operation:

- 1) Install batteries.
- 2) Turn on microphone by pushing the switch towards the ON position.
- 3) If you need to mute the microphone, push the switch to the middle.
- 4) After you are done singing, push the switch to the OFF position.
- 5) If you are not going to use the microphone for a long period of time, turn off the microphone and pull out the batteries to avoid deterioration and damage toward the components.
- 6) Do not recharge batteries until they are low. (Indicated by the red light)

Installation



- 1) Connect the AC POWER ADAPTER to the VHF-8000 receiver's AC INPUT 110V/220V, then plug the other end of AC POWER ADAPTER into the WALL OUTLET.
- 2) Connect one end of a " TO 1/4" CABLE to the VHF-8000 receiver's UNBALANCE AUDIO OUTPUT (MIX) and the other end to a karaoke mixer, karaoke player or karaoke power amplifier " microphone input. If you are using the BALANCE AUDIO OUTPUT, use a XLR to XLR cable or XLR to " cable.
- 3) Unscrew the microphones handle cover (counter-clockwise) to check to see if there are rechargeable batteries. If not, install the rechargeable batteries into the microphones with the negative and positive end of the battery correspond the negative and positive end of the microphone. Screw the microphone handle back on (clockwise).

Note

Please do not recharge the batteries until the batteries is low, indicated with the red light. Charging the batteries before it is low will cause the batteries usage life span to shorten.
 *Batteries recharging time = 1 hour
 *Do not charge the batteries if you are not using rechargeable batteries.

Troubleshooting

If you are having problems operating the VHF-8000, or suspect something is wrong with the unit, please check the troubleshoot list below to see if the issue is a result of incorrect operation rather than equipment malfunction. If you are still unable to resolve the problem, please contact our Acesonic service center at 626-820-0670 or toll free at 888-893-7464.

Problem	Possible cause	Solution
Reciver No sound; No lights	<ul style="list-style-type: none"> ● Power button is on the OFF position ● AC power adater is not plug in ● Poor connection of AC power adapter 	<ul style="list-style-type: none"> ● Turn on the power button ● Plug in the AC power adapter ● Check to see if the AC power adapter is loose. Check on the receiver end and wall outlet end
Microphone No sound; Lights on	<ul style="list-style-type: none"> ● The transmitter is out of range ● Microphone switch is off or mute ● Microphone volume is turn down ● Batteries in the microphone are not install properly ● The antenna is not fully extended ● Receiver is not connect to an amplifier, mixer or karaoke player 	<ul style="list-style-type: none"> ● Operate the machine in the effective range ● Turn on the microphone switch ● Turn on the microphone volume ● Reinstall the batteries. Make sure the positive and negative end are install correctly ● Fully extend the antenna ● Connect the 1/4 to 1/4 cable from the receiver to a microphone input (mixer, player, etc.)
Distorted sound; feedback	<ul style="list-style-type: none"> ● The two microphones are too close together ● Batteries running low in microphone ● Microphone volume is too high ● Distortion from other electric wave 	<ul style="list-style-type: none"> ● Separate the microphone further away ● Recharge the batteries ● Reduce the volume of the microphone ● Move the reliever away from electric equipment
Batteries still running low even after recharging it	<ul style="list-style-type: none"> ● Batteries are bad 	<ul style="list-style-type: none"> ● Replace the batteries. (You can use Normal AA batteries as well. They just can't be recharge)

*Do not recharge the rechargeable batteries until the batteries power is low.

