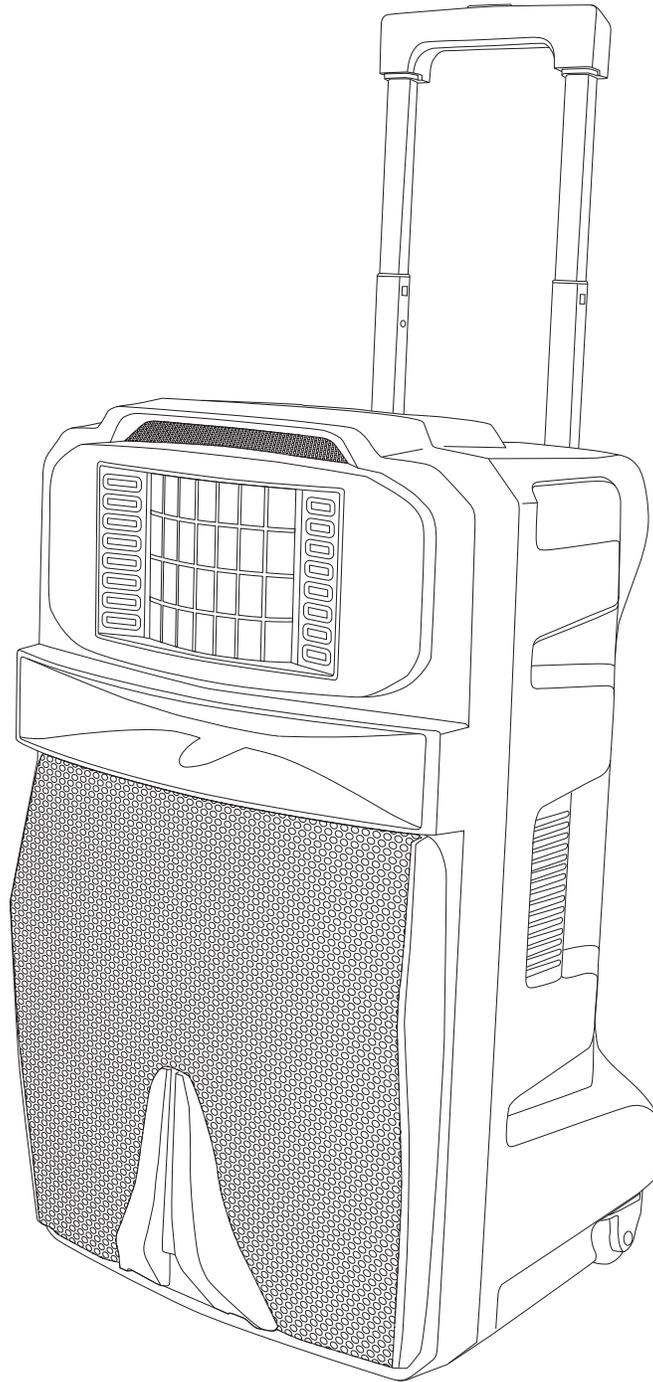


VocoPro[®]
PROFESSIONAL VOCAL SYSTEMS[™]



KARAOKE THUNDER-1500

***15" POWERED DJ/KARAOKE PARTY SPEAKER
WITH RGB DERBY LIGHT***

o w n e r ' s m a n u a l

Safety Instructions



CAUTION RISK OF SHOCK



CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Only refer servicing to qualified service personnel.

Explanation of Graphical Symbols



The lightning flash & arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of danger.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

WARNING: To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture.

1. Read Instructions - All the safety and operating instructions should be read before the appliance is operated.
2. Retain Instructions - The safety and operating instructions should be retained for future reference.
3. Heed Warnings - All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow Instructions - All operating and use instructions should be followed.
5. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
6. Water and Moisture - Do not use this unit near water. For example, near a bathtub or in a wet basement and the like.
7. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.
 - 7 A. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause an overturn.
8. Ventilation - The appliance should be situated so its location does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation slots.
9. Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.



10. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11. Grounding or Polarization - Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

12. Power-Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

13. Cleaning - Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

14. Power lines - An outdoor antenna should be located away from power lines.

15. Non-use Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

16. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

17. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- A. The power supply cord or plug has been damaged; or
- B. Objects have fallen into the appliance; or
- C. The appliance has been exposed to rain; or
- D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
- E. The appliance has been dropped, or the enclosure damaged.

18. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Note: To CATV system installer's (U.S.A.): This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected as close to the point of cable entry as practical.



This device complies with Part 15 of the FCC rules. Operation is subject to the condition that this device may not cause harmful interference.

FCC license may be required

FCC Information

1. IMPORTANT NOTICE: DO NOT MODIFY THIS UNIT!
This product, when installed as indicated in the instructions contained in this manual, meets FCC requirements. Modifications not expressly approved by Vocopro may void your authority, granted by the FCC, to use this product.

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 this product in the U.S.A.

3. NOTE: This product has been tested and found to comply with the requirements listed in FCC Regulations, Part 15 for Class "B" digital devices. Compliance with these requirements provides a reasonable level of assurances that your use of this product in a residential environment will not result in harmful interference with other electronic devices. This equipment generates/uses radio frequencies and, if not installed and used according to the instructions found in the owner's manual, may cause interference harmful to the operation of other electronic devices. Compliance with FCC regulations does not guarantee that interference will not occur in all installations. If this product is found to be the source of interference, which can be determined by turning the unit "Off" and "On", please try to eliminate the problem by using one of the following measures:

Relocate either this product or the device that is being affected by the interference.

Use power outlets that are on different branch (circuit breaker or fuse) circuits or install AC line filter(s).

In the case of radio or TV interference, relocate/reorient the antenna. If the antenna lead-in is 300-ohm ribbon lead, change the lead-in to coaxial type cable.

If these corrective measures do not produce satisfactory results, please contact your local retailer authorized to distribute Vocopro products. If you can not locate the appropriate retailer, please contact Vocopro, 1728 Curtiss Court, La Verne, CA 91750.

CAUTION:
READ THIS BEFORE OPERATING YOUR UNIT

1. To ensure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
2. Install your unit in a cool, dry, clean place - away from windows, heat sources, and too much vibration, dust, moisture or cold. Avoid sources of hum (transformers,

CALIFORNIA PROP 65 WARNING

WARNING: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. (California law requires this warning to be given to customers in the State of California.)

For more information: www.vocopro.com/prop65

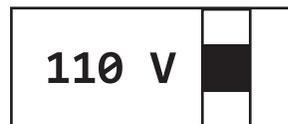
electric motors). To prevent fire or electrical shock, do not expose to rain and water.

3. Do not operate the unit upside-down.
4. Never open the cabinet. If a foreign object drops into the set, contact your dealer.
5. Place the unit in a location with adequate air circulation. Do not interfere with its proper ventilation; this will cause the internal temperature to rise and may result in a failure.
6. Do not use force on switches, knobs or cords. When moving the unit, first turn the unit off. Then gently disconnect the power plug and the cords connecting to other equipment. Never pull the cord itself.
7. Do not attempt to clean the unit with chemical solvents; this might damage the finish. Use a clean, dry cloth.
8. Be sure to read the "Troubleshooting" section on common operating errors before concluding that your unit is faulty.
9. This unit consumes a fair amount of power even when the power switch is turned off. We recommend that you unplug the power cord from the wall outlet if the unit is not going to be used for a long time. This will save electricity and help prevent fire hazards. To disconnect the cord, pull it out by grasping the plug. Never pull the cord itself.
10. To prevent lightning damage, pull out the power cord and remove the antenna cable during an electrical storm.
11. The general digital signals may interfere with other equipment such as tuners or receivers. Move the system farther away from such equipment if interference is observed.

NOTE: Please check the copyright laws in your country before recording from records, compact discs, radio, etc. Recording of copyrighted material may infringe copyright laws.

Voltage Selector (General Model Only)

Be sure to position the voltage selector to match the voltage of your local power lines before installing the unit.



CAUTION: The apparatus is not disconnected from the AC power source so long as it is connected to the wall outlet, even if the apparatus itself is turned off. To fully ensure that the apparatus is indeed fully void of residual power, leave unit disconnected from the AC outlet for at least fifteen seconds.

WELCOME

And thank you for purchasing the KARAOKE THUNDER-1500 from VocoPro, your ultimate choice in Karaoke entertainment! With years of experience in the music entertainment business, VocoPro is a leading manufacturer of Karaoke equipment, and has been providing patrons of bars, churches, schools, clubs and individual consumers the opportunity to sound like a star with full-scale club models, in-home systems and mobile units. All our products offer solid performance and sound reliability, and to reinforce our commitment to customer satisfaction, we have customer service and technical support professionals ready to assist you with your needs.

Contact Information

VocoPro is located at-
1728 Curtiss Court
La Verne, CA 91750

Toll Free: 800-678-5348
TEL: 909-593-8893
FAX: 909-593-8890

Customer Service & General Information

info@vocopro.com
Tech Support
tech-support@vocopro.com

Be sure to visit the VocoPro website www.vocopro.com for the latest information on new products, packages and promos. And while you're there don't forget to check out our Club VocoPro for Karaoke news and events, chat rooms, club directories and even a KJ Service directory!

Please record the model number and serial number below, for easy reference, in case of loss or theft. These numbers are located on the packaging the item came in. Space is also provided for other relevant information.

Model Number

Serial Number

Date of Purchase

Place of Purchase

Listening for a Lifetime

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. VocoPro and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to a higher volume of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.
- Pay attention to the different levels in various recordings.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

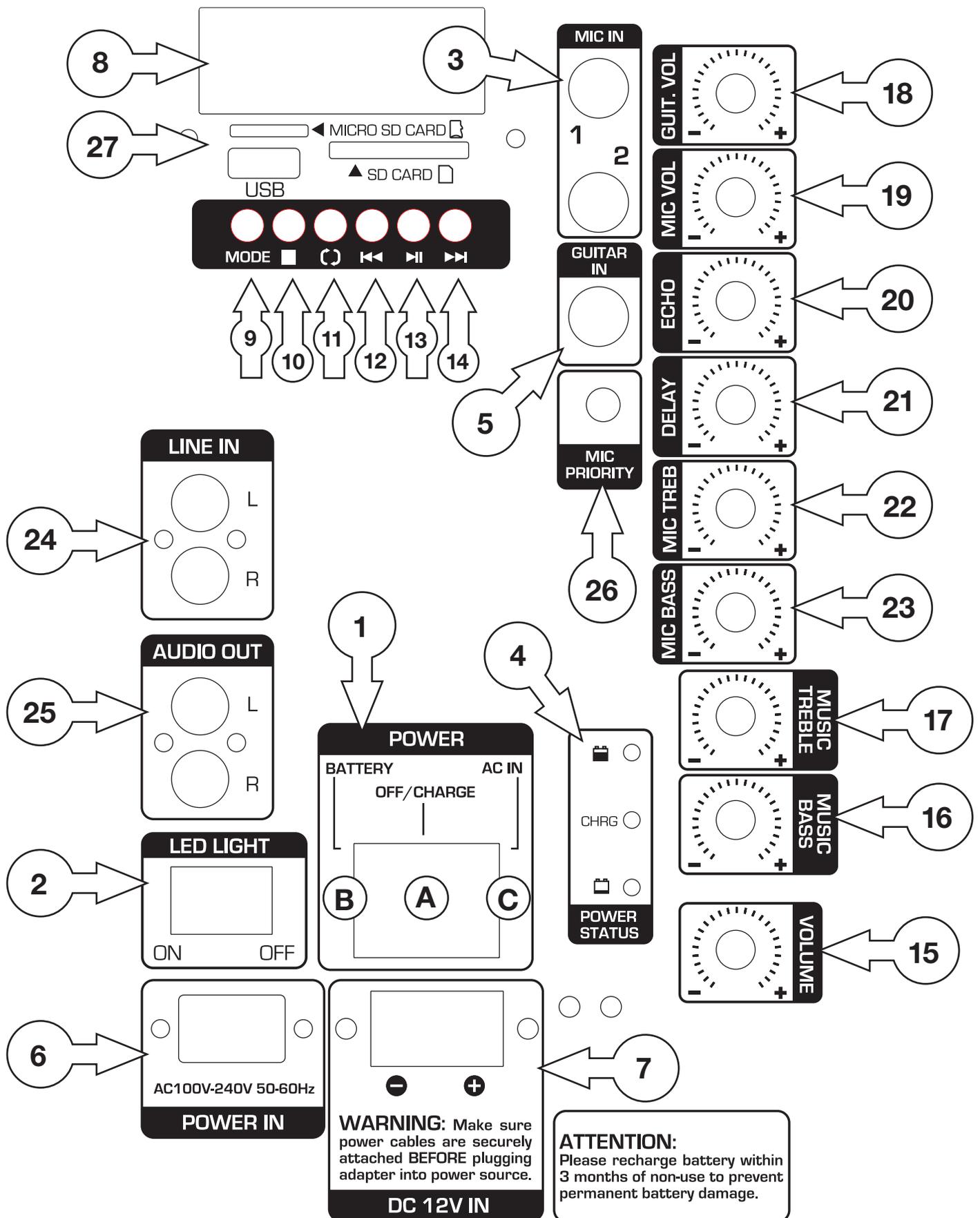
Level	Example
30	Quiet library, Soft whispers
40	Living room, Refrigerator, Bedroom away from traffic
50	Light traffic, Normal Conversation
60	Air Conditioner at 20 ft., Sewing machine
70	Vacuum cleaner, Hair dryer, Noisy Restaurant
80	Average city traffic, Garbage disposals, Alarm clock at 2 ft.

The following noises can be dangerous under constant exposure:

Level	Example
90	Subway, Motorcycle, Truck traffic, Lawn Mower
100	Garbage truck, Chainsaw, Pneumatics drill
120	Rock band concert in front of speakers
140	Gunshot blast, Jet plane
180	Rocket launching pad

-Information courtesy of the Deafness Research Foundation

Diagram



KARAOKE THUNDER-1500

WHAT'S IN THE BOX:

- Powered DJ/Karaoke party speaker with RGB Derby light
- Power adapter

FEATURES:

- New generation of DJ/Karaoke party speaker with both professional derby light and RGB woofer light.
- 1000 Watt peak power producing balanced highs, mids and lows for indoor or outdoor use.
- Built-in mixer/preamp supports microphone and guitar.
- Supports Bluetooth / line / USB / SD / TF / FM for the ultimate play back diversity.
- Battery powered with 5 hours of play back, also can be powered from 110V wall outlet or 12V DC car adapter.*

*Car adapter not included

DESCRIPTIONS AND FUNCTIONS:

- 1. Power Switch-**
 - A- OFF/CHARGE-** Engage power switch to this center position in order to power down and recharge.
 - B- BATTERY-** Engaging the power switch to the left will allow it to run on battery power.
 - C- AC IN-** Engaging the switch to the right will tell the unit to run on power provided from an AC power source.
- 2. LED Light-** Turns lights ON or OFF
- 3. Microphone Inputs 1 & 2-** These jacks accept Microphone level signals from wired or wireless microphones.
- 4. Power Status-** Displays current battery power capacity status.
- 5. Guitar Input-** This 1/4" jack accepts Line level signal from an instrument such as a guitar.
- 6. POWER IN-** Connect appropriate AC power adapter here to turn unit ON (power switch setting= AC IN) or re-charge internal battery.
- 7. DC 12V IN-** this connector allows you to power the unit using an external power source such as a car power adapter or DC 12V battery.
- 8. Display-** This screen displays system information such as track time, current input and track number.
- 9. Mode-** Use this button to cycle between available input modes (AUX, USB/SD, Bluetooth, FM).
- 10. Stop-** Press to stop playback.
- 11. Repeat-** Press to play song again.
- 12. Prev-** Press Prev to jump to the previous track.
- 13. Play/Pause-** Use this button to start playback. Press once to start playback, once again to set the pause mode, and once more to resume playback.
- 14. Next-** Press Next to jump to the next track.
- 15. Volume-** Adjusts the overall loudness of all audio output.
- 16. Music Bass-** Adjust the amount of bass tones heard.
- 17. Music Treble-** Adjust the amount of treble heard present from main music.
- 18. Guit. Vol-** This control knob adjusts the volume for an instrument that is plugged into the GUITAR IN input jack.
- 19. Mic Vol-** This control increases and decreases the VOLUME level for the MIC channels. Turn clockwise to increase MIC VOLUME and counter-clockwise to decrease the MIC VOLUME.
- 20. Echo-** This knob attenuates the amount of echo effect applied to mic audio.
- 21. Delay-** Controls the rate at which the microphone audio is repeated.
- 22. Mic Treb-** This control increases/decreases the amount of HIGH (treble) frequency response applied to the MIC channels. Turn clockwise to increase the HIGH frequency response and counter-clockwise to decrease the HIGH frequency response
- 23. Mic Bass-** This control increases/decreases the amount of LOW (bass) frequency response applied to the MIC channels. Turn clockwise to increase the LOW frequency response and counter-clockwise to decrease the LOW frequency response.
- 24. Line In-** Connect a line level audio input here.
- 25. Audio out-** Connect a set of RCA connectors here to send line level audio signal to another device (i.e. powered speaker, amplifier, receiver).
- 26. Mic Priority-** This feature will automatically lower the music audio when you speak into the microphone, when enabled. The music audio will come back once the microphone audio stops. This feature allows for a presenter/ speaker or vocal artist to be heard more prominent over any background music that may be playing.
- 27. Input Slots** for USB, Micro SD Card, and SD Card.

General Operation

USING A USB OR MICRO SD FOR PLAYBACK:

- Connect the supplied power cord to the unit and then AC wall outlet.
- Toggle the power switch on the control board of the unit to BATTERY to operate using battery power, to AC when operating using an AC power cord, and to OFF/CHARGE when recharging the battery or to power the unit off.
- Press MODE button on the back of unit repeatedly to select the input source as: USB/SD card mode, Line in mode, FM mode or Bluetooth mode.

USING A USB OR MICRO SD FOR PLAYBACK:

1. Insert a USB flashdrive or micro SD card into the USB or SD card slot as shown. Note: Make sure the SD card's lock tab is NOT set to lock.
2. Once a USB or Micro SD card is inserted, the input mode will automatically change and the display will read "load."
3. The THUNDER will begin playback of your files right away (unless the files stored are incompatible or corrupted).
4. The THUNDER utilizes a unique "resume" feature that allows the user to continue playback wherever the song had been interrupted, in the event that the USB or SD card is removed or if the unit powers down when the battery dies. Once the USB or SD card is removed, the Thunder will automatically change to the Line input mode.

BLUETOOTH PAIRING:

1. Press MODE button and select BT mode.
2. Enable the bluetooth feature on your audio device and set it to discover the THUNDER.
3. Once the THUNDER appears listed under the newly found bluetooth devices, click to connect.
4. When pairing is successful, a tone will be heard through the speaker.
5. You can now start streaming audio through the speaker wirelessly from your favorite devices.
6. The speaker will re-pair automatically with memorized devices after being turned off and on again.

FM (RADIO):

1. Press MODE button and select FM mode.
2. Press NEXT button to search available FM stations.
3. Press the LAST or NEXT button to select and plays the desired stored FM station.

LINE IN:

The THUNDER features a Line In jack for connecting your iPod, MP3 player or other digital music player.

- Connect the line out or headphone jack of your external audio device (e.g. a CD player, MP3 player, iPhone, iPod, etc...) to the Line In RCA jacks with a suitable audio cable (not included).
- Press the "MODE" button on the included remote control until the Line input is selected.
- Select your favorite song on your external audio device to play. You may need to adjust the output volume of your external audio device if the headphone jack is used for making the connection.
- Turn on your microphone and start singing. Adjust the MASTER VOLUME and/or MIC VOLUME if necessary. You may also use the ECHO CONTROLS to enhance your singing experience.
- Turn off both devices after use.

Troubleshooting

THERE IS NO POWER

- Make sure the power cord is firmly connected to the back of the unit and to the power outlet.
- If using a power strip/surge-protector, make sure that it is plugged in and switched on.
- If attempting to run on battery power, the battery may be depleted. Connect the unit to a wall outlet and recharge the battery.

THERE IS NO SOUND

- Make sure the MASTER VOLUME knob is set to an audible level.
- If using microphones, make sure they are connected properly and cables are not defective.
- If using an external player, make sure they are connected properly and cables are not defective.
- If an external effects device is connected, make sure it is powered on.

NO AUDIO FROM BLUETOOTH CONNECTION

- Make sure the THUNDER is still paired.
- If need be, repeat the process to pair your Bluetooth device.
- Make sure you are within operating range.
- The operating range is approximately 30 ft. If you are in excess of 30 ft from the THUNDER, the signal may cut-out or drop. Also try and limit any obstructions to line of sight.
- Check the volume levels.

KARAOKE THUNDER-1500

Owner's Manual

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