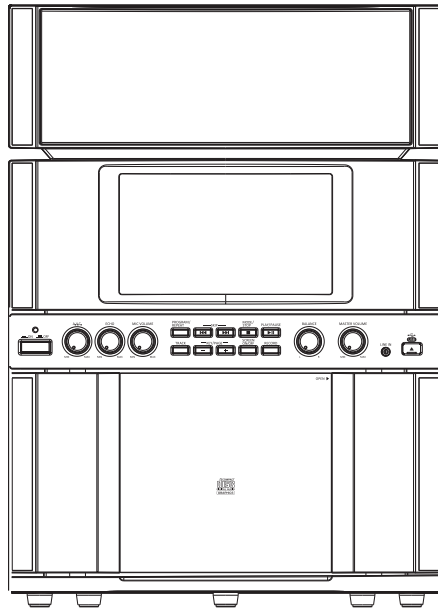


AKAI

CD+G/MP3+G Karaoke System

INSTRUCTION MANUAL



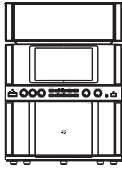
KS800

Thank you for purchasing this Karaoke System. Please read this instruction manual carefully before using this product to ensure proper use. Keep this manual in a safe place for future reference.

WHAT'S IN THE BOX

Contents

1. KS800 Karaoke System



2. AV Cable



3. Pre-recorded Karaoke CD+G Disc



4. Dynamic Microphone



5. AC-DC Power Adaptor



6. Instruction Manual



7. Warranty Card



If you are missing any parts above, please contact ADT Digital LLC.

Tel: 561 922 6886

Fax: 561 922 6159

WARNINGS

WARNING: TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



CAUTION: TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

DRIPPING WARNING


The product shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the product.

VENTILATION WARNING

The normal ventilation of the product shall not be impeded for intended use.

SAFETY CERTIFICATION

This device is made and tested to meet safety standards of the FCC, requirements and compliance with safety performance of the U.S. Department of Health and Human Services, and also with FDA Radiation Performance Standards 21 CFR Subchapter J.

Class II equipment symbol 

This symbol indicates that the power adaptor has a double insulation system.

Warnings:

- This CD player employs a laser light beam. Only a qualified service person should remove the cover or attempt to service this device, due to possible eye injury.
- The use of controls, adjustments, or procedures other than those specified herein might result in hazardous radiation exposure.
- The apparatus shall be used in an open area.

CAUTION

This compact disc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the rear panel.



CAUTION!

Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam.

FCC IMPORTANT

Since CD circuitry may cause interference to other radio tuners nearby, switch this unit off when not in use or move it away from the affected radio tuner.

This device complies with part 15 of the FCC rules, operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This class[B] digital apparatus complies with canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC AND CANADIAN ICES


NOTE: 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 (which can be determined by turning the equipment off), 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.

NOTE: This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of Industry Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par Industrie Canada.

IMPORTANT SAFETY INSTRUCTIONS

1. **Read Instructions** - All the safety and operating instructions should be read before the product is operated.
 2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
 3. **Heed Warnings** - All warnings on the product and in the operating instruction should be adhered to.
 4. **Follow Instructions** - All operating and use instructions should be followed.
 5. **Cleaning** - Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth only for cleaning the exterior only. Do NOT attempt to clean the inside.
 6. **Attachments** - Do not use attachments not recommended by the product manufacturer as they may cause hazards.
 7. **Water and Moisture** - Do not use this product near water - for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement, or near a swimming pool, and the like.
 8. **Accessories** - Do not place this product on an unstable cart, stand tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
 9. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
- 
10. **Ventilation** - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided.
 11. **Power Sources** - 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 instruction.
 12. **Grounding or Polarization** - This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
 13. **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 product.

IMPORTANT SAFETY INSTRUCTIONS

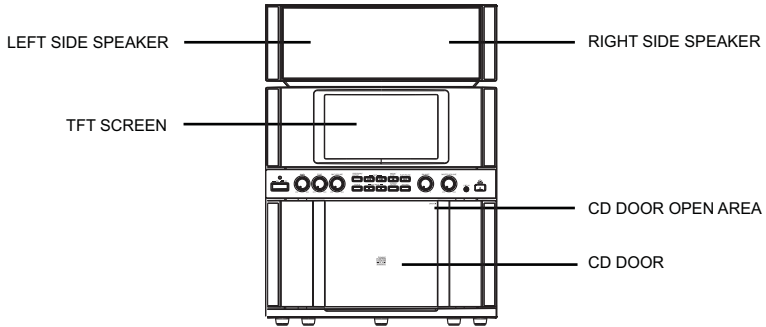
- 14. Lightning** - For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
- 15. Overloading** - Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
- 16. Object and Liquid Entry** - Never push objects of any kind in to 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.
- 17. Servicing** - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 18. Damage Requiring Service** - Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a) When the power-supply cord or plug is damaged,
 - b) liquid has been spilled, or objects have fallen into the product,
 - c) If the product has been exposed to rain or water,
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will of ten require extensive work by a qualified technician to restore the product to its normal operation.
 - e) If the product has been dropped or damaged in anyway, and
 - f) When the product exhibits a distinct change in performance -this indicates a need for service.
- 19. 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.
- 20. 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.
- 21. Heat** - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers)that produce heat.
- 22.** Unplug this apparatus during lightning storms or when unused for long periods of time.
- 23.** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 24.** Children should be supervised to ensure that they do not play with the appliance.
- 25.** Ensure children and babies do not play with plastic bags or any packaging materials.

WARNINGS:

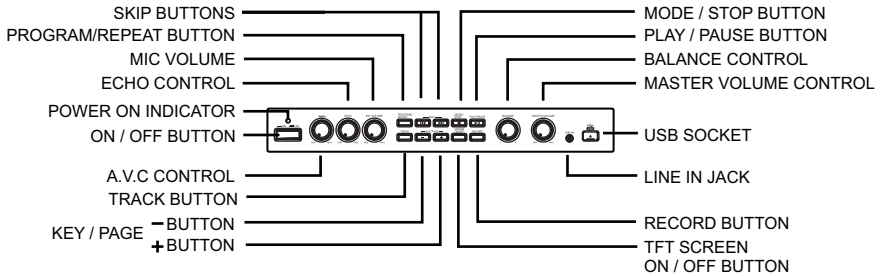
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
Avertissement: pour réduire le risque d'incendie ou de choc électrique, ne pas exposer cet appareil sous la pluie et l'humidité.
- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
L'appareil ne doit pas être exposé aux écoulements ou aux éclaboussures et aucun objet ne contenant de liquide, tel qu'un vase, ne doit être placé sur l'objet.
- Mains plug /Power adaptor is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the main plug/ power adaptor should be disconnected from the mains socket outlet completely.
La prise du secteur ne doit pas être obstruée ou doit être facilement accessible pendant son utilisation. Pour être complètement déconnecté de l'alimentation d'entrée, la prise doit être débranchée du secteur.

CONTROL LOCATION

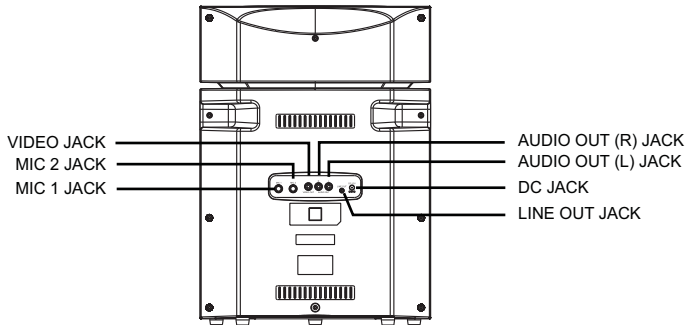
FRONT SIDE



CONTROL PANEL



BACK SIDE



TFT DISPLAY ICON



PLAYING TIME

REPEAT MODE

REPEAT ONE

REPEAT ALL

REPEAT FOLDER

NO REPEAT

PROGRAM MODE

P= PROGRAM MODE PLAYING

C= NO PROGRAM MODE PLAY

PLAY / PAUSE / STOP INDICATOR

PLAYING MODE

PAUSE MODE

STOP MODE

PLAYING TRACK NUMBER AND TOTAL TRACK NUMBER

PLAYING DISC MODE

CD= CD DISC PLAYING

CDG= CD+G DISC PLAYING

CDrom= CD ROM /

MP3+G DISC PLAYING

USB= USB PLAYING

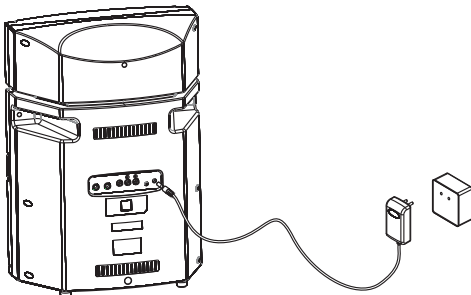
MAKING THE CONNECTIONS

CONNECTING POWER

Plug the supplied power adapter small end into the DC jack located on the rear panel, plug the adapter into the standard AC wall socket.

CAUTION: The unit is designed to operate from a mains supply of AC 120V~60Hz. If the adapter does not fit properly, turn it over and again. Do not force it.

NOTES: When the unit is not operated by the AC power or unused for long periods of the time. Please remove the power adapter from the wall outlet and unplug from the main unit.



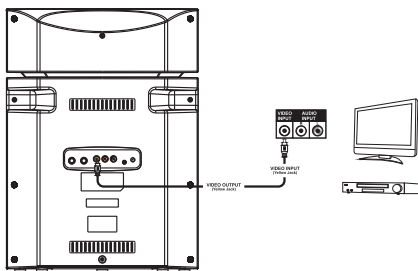
CONNECTING TO YOUR TV OR VCR / HOME THEATER

Your Karaoke machine is designed to connect to your TV the same way you would connect most video cameras, VCR / Home theater or video games consoles. We have provided RCA cables to connect your unit to a TV, VCR / Home theater, video device or an external audio / sound system. The RCA cables have three connections at each end (white and red are for left and right audio connections and the yellow is for video connections).

VIDEO CONNECTION

Please follow the steps below to display CD+G lyrics on the TV screen:

1. Locate the multi-colored RCA cables
2. Connect video cable (yellow) to the Video Out of the back of the Karaoke Machine
3. Connect the other end of the video cable (yellow) to the video input on your TV or VCR / Home theater.



MAKING THE CONNECTIONS (Cont'd)

SELECTING YOUR KARAOKE MACHINE AS YOUR SOURCE/INPUT

Selecting your Karaoke Machine as a source / input on your TV is very similar to connecting a VCR/DVD or Satellite system.

We've listed below the most common ways of selecting the source from your TV or VCR / Home Theater:

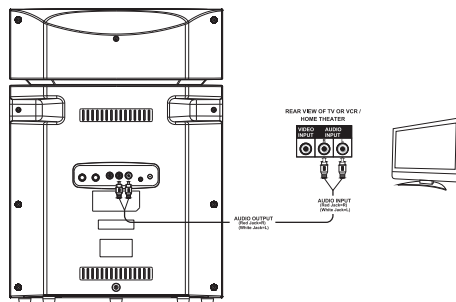
1. In the set up menu of the TV or VCR / Home theater there may be an option for "Input Select" where you can choose between "Cable/Ant., Video 1, Video 2, etc" as the input source.
2. Look for a TV channel between the highest and lowest on your TV or VCR / Home theater (i.e AUX, EXT, LINE 1 or LINE IN)
3. Your remote control for your TV or VCR / Home Theater may have source input selections as well as detailed below: "Video, Video 1, Game, AUX, EXT or LINE-IN." Choosing one of those sources in most cases should display the lyrics from your **Karaoke Machine** as well.

AUDIO CONNECTION

Please follow the steps below to connect audio signal from the unit to your TV, VCR/Home Theater or home audio system.

RCA connection

1. Locate the multi-colored RCA cables (White and Red)
2. Connect audio cables to the **Audio Out** of the back of your Karaoke Machine.
3. Connect the other end of the audio cables to the Audio/Auxiliary input on your TV or VCR/Home Theater or home audio system.

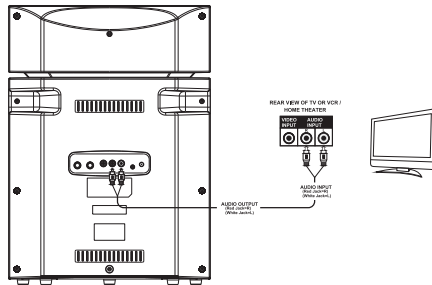


MAKING THE CONNECTIONS (Cont'd)

Line-out connection

Except the RCA connection, there is another audio line-out with 3.5mm jack on the unit. User can use a 3.5mm to RCA cable (not included) to connect the audio signal from the unit to your TV/ Home theater and other stereo audio system.

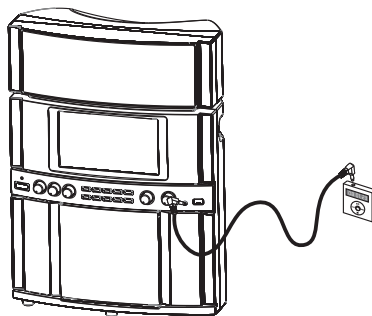
1. Connect the 3.5mm plug audio cables to the **Line Out** of the back of your Karaoke Machine.
2. Connect the other end of the audio cables to the Audio/Auxiliary input on your TV or VCR/Home Theater or home audio system.



SETTING UP LINE IN CONNECTION

The Line-in jack will allow you to connect external music player or external sound source to your Karaoke Machine speakers

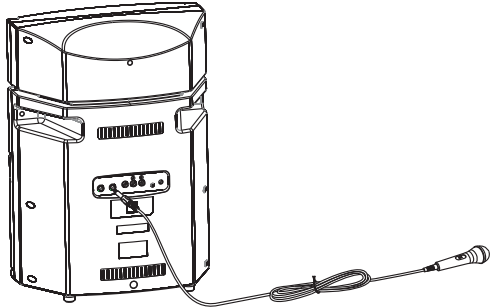
1. Plug a 3.5mm audio cable (not included) into your external music player and connect the other end (3.5mm jack) into the **LINE IN** jack on the front of your Karaoke Machine.
2. Make sure your external music is turned on.
3. Start music playback on your external music player.
4. Adjust MASTER VOLUME to control the sound level of music playback from the speakers on the Karaoke machine.



MAKING THE CONNECTIONS (Cont'd)

SETTING UP YOUR MICROPHONE

1. Plug a microphone into the **MIC1** or **MIC2** jack at the rear of your Karaoke Machine. Their output is mixed with playback from CD/CD+G.
2. Located on the microphone, there is an ON/OFF switch.
3. Ensure you set the ON/OFF switch on the microphone to ON when required for use.



Warning:

Please do not point the microphone head directly to the front of the speaker(s) on the unit when you are singing, it would cause unwanted feedback sound that may affect the performance of your unit.

Tapping or dropping the microphone while it is on can permanently damage your microphone. Resist the urge to swing the microphone around by the cord!

VHF wireless microphones are not recommended to work with this Karaoke system. Some VHF wireless microphones may cause unwanted noise and interference.

CD OR CD+G / MP3+G OPERATION

This unit is designed to play CDs/CD+G/MP3/MP3+G disc bearing the identification logo respectively. If the disc does not conform to the standard, it may not play properly.



NOTE: The unit may not be able to read CDR or CDRW disc correctly. The readability depends on the quality of recording produced by CD recorder or CD writer.

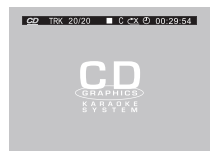
TURNING POWER ON/OFF

1. To turn on the **Karaoke Machine**, press the **ON/OFF** button once, the POWER indicator will light up and TFT screen will display the OPENING SCREEN and start to read CD. (If no disc is loaded, it will display "NO DISC")
2. To turn off the system, press the **ON/OFF** button again. The power indicator and TFT will turn off.



LOADING A DISC

1. Pull the CD door on the front from the position close to the **CD Door Open Area**. Place a disc in the CD compartment with the printed side facing toward you.
2. Gently close the CD Door to the CD compartment. The Karaoke Machine begins to read the disc and "READ" will be displayed. After that, the operation icon will appear on the top of the TFT screen.
3. Press **PLAY/PAUSE** to play the disc. (If no disc is loaded, it will display "NO DISC")



CD OR CD+G / MP3+G OPERATION (Cont'd)

PLAY/PAUSE

1. To start playing, press the **PLAY/PAUSE** button once, the currently track number and PLAY indicator will appear on the screen. (If a CD+G is loaded, the CDG will be shown on the screen. If MP3+G is loaded, the CD-rom will be shown on the screen).
2. To temporarily stop playing, press the **PLAY/PAUSE** button, the PAUSE indicator will be shown on the screen.
3. To resume play, press the PLAY/PAUSE button again, the PLAY indicator will be shown on the screen.

- NOTE:** - *Pressing pause when a CD+G/MP3+G is playing may cause distorted lyrics on the screen, any distortion will remain until the whole screen is refreshed during an instrumental break or you stop the song and start it from the beginning*
- *Never place anything except a compact disc on the disc compartment. Foreign objects can damage the unit.*
 - *Do not apply excessive force to disc cover.*
 - *Only place one disc on the disc compartment at a time.*
 - *Do not open the disc cover of the CD compartment while it's playing.*

STOP

If the **STOP** button is pressed in the course of playing, the disc will cease to play.

SKIP PLAY (For both CD and CD+G/MP3+G discs)

In stop or playback mode, you can skip up or down to a specific track by pressing the forward or back SKIP Button.

ENTER A TRACK NUMBER TO PLAYBACK

1. Press the **TRACK** button once, the track number and total track number will be displayed. The track number will be blinking for user selection.
2. Press the **SKIP ►►** or **SKIP ◄◄** button to select a desired track.(if the number of tracks is less than 10)
3. If there are 10 or more tracks on the media, the first digit of track number will be blinking.
4. Press the **SKIP ►►** or **SKIP ◄◄** button to adjust the first digit.
5. Then, press **TRACK** button again to advance to second or third digit.
6. Press the **SKIP ►►** or **SKIP ◄◄** button to adjust the second or the third digit.
7. Press the **PLAY/PAUSE** button when you have selected the desired track to play.

SEARCH (For CD disc /MP3 disc only)

When playing a CD disc or MP3 disc, you can press and hold the **SKIP** buttons (**◄◄** or **►►**) to locate a specific point on a track. The system will search at high speed in the forward or reverse direction. By releasing the button, normal play will be resumed.

CD OR CD+G / MP3+G OPERATION (Cont'd)

REPEAT PLAY (For both CD and CD+G/MP3+G discs)

1. During playback, press **PROGRAM/REPEAT** button once, the REP ONE indicator will appear on the TFT screen, it can keep repeat the current track.
2. To repeat the Directory/Folder, press **PROGRAM/REPEAT** button twice, the REP FOLDER indicator will appear on the TFT screen.
3. To repeat all tracks in disc, press **PROGRAM/REPEAT** button again, the REP ALL indicator will appear on the TFT screen.
4. To clear the REPEAT function, press **PROGRAM/REPEAT** button again, the NO REP indicator will appear on the TFT screen.

PROGRAMMING CD PLAYBACK

This unit can be programmed to play up to 20 tracks/files in CD mode. Load the music CD/CD+G or MP3/MP3+G disc onto the CD compartment (without pressing the **PLAY/PAUSE** button).

- 1) Press **PROGRAM/REPEAT** button once in stop mode. "PRG P01:XX" will be shown on the screen.
- 2) Press the **SKIP** buttons to select the desired track to be programmed.
- 3) Press **PROGRAM/REPEAT** button again to save the selected track/files.
- 4) Repeat steps 2–3 to program up to 20 tracks/files.
- 5) Press the **PLAY/PAUSE** button to play the programmed tracks after programming is completed. The "P" indicator will appear on screen during the programmed playback.
- 6) To clear program and resume normal playback, press the **STOP** button twice during playback, or open the CD door to clear the programmed tracks.

REMARK:

The unit can store up to 20 tracks/files in the programmable memories. During the programmed playback, user can still select the "repeat one/repeat all" function.

PAGE+ / PAGE-

During the STOP mode, press PAGE+/PAGE- to advance song selection by 10 tracks or to go to the next page of song list.

KEY+ / KEY-

Your system includes a digital key controller to adjust the audio tone (pitch) of the music. Key control should be done in the PLAY MODE only.

Press the **KEY+** button to raise the key of the music, and press the **KEY-** button to lower the key. (max. 6 times)

ECHO

Adjust the **ECHO** control to enhance your voice for a concert hall effect.

CD OR CD+G / MP3+G OPERATION (Cont'd)

BALANCE

Adjust the **BALANCE** control between the pre-recorded singer's voice and the music when using a multiplex karaoke disc.

AUTO VOICE CONTROL

AUTO VOICE CONTROL can be activated and adjusted by the **AVC** control knob. The vocals on the Multiplex recording will be muted when the singer starts to sing through the microphone. When the singer stops singing, the vocals will resume to normal.

MASTER VOLUME

Rotate to the **MASTER VOLUME** control to obtain the desired sound level.

MIC VOLUME

Adjust the **MIC VOLUME** control to a desired level and obtain the best performance.

SCREEN ON/OFF

Press the **SCREEN ON/OFF** button to turn the TFT screen ON/OFF.

SELECTING THE AUDIO SOURCE

Press **STOP/MODE** button to toggle between DISC and USB modes, the "DISC MODE" or "USB MODE" will be shown on the TFT screen.

Note: Selecting the audio source should be done in the stop mode only.

RECORDING AUDIO

You can record CD+G video and audio together with the singer's voice to a USB flash drive. The recording will be in MP3 format. The stored file name after recording will be "TRACKXX.MP3".

- Plug a USB flash drive to USB socket.
- Start the desired track to play on CD/CD+G disc by pressing the **SKIP ►►** or **SKIP ◄◄** button.
- Press **RECORD** button to record the CD/CD+G playback together with your voice. (The percentage of completion will be displayed.)
- Press **RECORD** again to stop recording.
- To playback the recording, it is the same as playing back the MP3 or MP3+G file on the USB flash drive, please follow instructions in USB OPERATION.



NOTE: This Karaoke system can only record tracks on CD / CD+G disc.

USB OPERATION

INSERTING USB FLASH DRIVE

1. Insert a USB flash driver into the USB socket on the front of your karaoke system.
2. Make sure that USB is selected as the audio source.
See "SELECTING THE AUDIO SOURCE"
3. Press PLAY/PAUSE to start playback.

PLAY/PAUSE

1. To start playing, press the **PLAY/PAUSE** button once, the currently track number and PLAY indicator will appear on the screen. ("USB" will be shown on the screen).
2. To temporarily stop playing, press the **PLAY/PAUSE** button, the PAUSE indicator will be shown on the screen.
3. To resume play, press the PLAY/PAUSE button again, the STOP indicator will be shown on the screen.

NOTE: - Pressing pause when playing on the USB, it may cause distorted lyrics on the screen, any distortion will remain until the whole screen is refreshed during an instrumental break or you stop the song and start it from the beginning

STOP

If the **STOP** button is pressed in the course of playing, the USB playback will cease to play.

SKIP PLAY

In stop or playback mode, you can skip up or down to a specific track by pressing the forward or back **SKIP** Button.

ENTER A TRACK NUMBER TO PLAYBACK

1. Press the **TRACK** button once, the track number and total track number will be displayed. The track number will be blinking for user selection.
2. Press the **SKIP ►►** or **SKIP ◄◄** button to select a desired track.(if the number of tracks is less than 10)
3. If there are 10 or more tracks on the media, the first digit of track number will be blinking.
4. Press the **SKIP ►►** or **SKIP ◄◄** button to adjust the first digit.
5. Then, press **TRACK** button again to advance to second or third digit.
6. Press the **SKIP ►►** or **SKIP ◄◄** button to adjust the second or the third digit.
7. Press the **PLAY/PAUSE** button when you have selected the desired track to play.

SEARCH (For MP3 file only)

When playing a MP3 file on the USB, you can press and hold the SKIP buttons (**◄◄SEARCH►►**) to locate a specific point on a track. The system will search at high speed in the forward or reverse direction. By releasing the button, normal play will be resumed.

USB OPERATION (Cont'd)

REPEAT PLAY

1. During playback, press **PROGRAM/REPEAT** button once, the REP ONE indicator will appear on the TFT screen, it can keep repeat the current track.
2. To repeat the Directory/Folder, press **PROGRAM/REPEAT** button twice, the REP FOLDER indicator will appear on the TFT screen.
3. To repeat all tracks in disc, press **PROGRAM/REPEAT** button again, the REP ALL indicator will appear on the TFT screen.
4. To clear the REPEAT function, press **PROGRAM/REPEAT** button again, the NO REP indicator will appear on the TFT screen.

PROGRAMMING USB PLAYBACK

This unit can be programmed to play up to 20 tracks/files in USB mode. Plug the USB flash drive and select USB mode. (without pressing the **PLAY/PAUSE** button).

- 1) Press **PROGRAM/REPEAT** button once in stop mode. "PRG P01:XX" will be shown on the screen.
- 2) Press the **SKIP** buttons to select the desired track to be programmed.
- 3) Press **PROGRAM/REPEAT** button again to save the selected track/files.
- 4) Repeat steps 2–3 to program up to 20 tracks/file.
- 5) Press the **PLAY/PAUSE** button to play the programmed tracks after programming is completed. The "P" indicator will appear on screen during the programmed playback.
- 6) To clear program and resume normal playback, press the **STOP** button twice during playback to clear the programmed tracks.

REMARK:

The unit can store up to 20 tracks/files in the programmable memories. During the programmed playback, user can still select the "repeat one/repeat all" function.

CARE AND MAINTENANCE

POWER SWITCH

After use, turn off the power by pressing the POWER ON/OFF button.

CLEANING THE UNIT

To clean the exterior on the unit wipe with a soft, clean cloth moistened with plain lukewarm water.

CLEANING THE CD LASER LENS

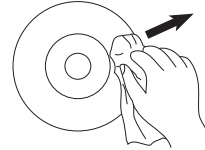
For best results: use a CD-lens cleaning disc according to the cleaning disc manufacturer instructions.



To prevent shock hazard, disconnect your product from the AC power plug when cleaning.



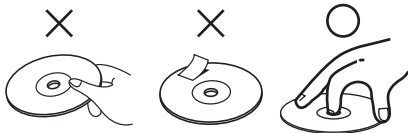
NOTE: Do not use the detergent or abrasive cleaning agents, for they can damage the disc.



COMPACT DISC

Handling Disc

Although the music tracks in the disc are covered with a protective layer, it is still advisable to treat the disc carefully. Ensure that you always pick up discs by the edge, and put them back in their holders immediately after use.



CD PLAYER

The player mechanism is fitted with a self-lubricating bearing and must not be oiled or greased.

TROUBLE SHOOTING (Cont'd)

PROBLEM	POSSIBLE CAUSE	SOLUTION
No power when POWER is on.	AC adaptor is not plugged into a wall outlet or the connector is not plugged into the power supply jack on the back of the unit.	Plug the AC adaptor into a wall outlet and plug the connector into the supply jack on the unit.
No power when plugged in.	The AC outlet may not have power.	Check the outlet with a working lamp or other electrical appliance.
No sound from TV.	• TV system is set to minimum	• Turn up the volume on the TV system
	• TV system is powered Off	• Power the TV system on.
	• RCA cords are not connected securely.	• Ensure white and red RCA cords are securely inserted into the karaoke system and the TV system.
CD Player does not work normally	• Disc is inserted upside down	• Insert the disc correctly
	• Disc is dirty	• Wipe clean with a soft cloth
	• Disc is scratched	• Use a new disc
	• Disc is warped	• Use a new disc
	• A non standard disc is inserted	• Only use discs bearing correct identification logo
	• Moisture has formed inside the CD deck	• Wait about 20 - 30 mins to let it dry out.
	• Karaoke system needs to be reset	• Disconnect the machine from the power source for 30 seconds then reconnect
No sound - If audio is going through TV or VCR.	• Source Selection on TV or VCR is not correct.	• Follow directions "Making the connections"
	• RCA cords are not connected securely	• Ensure white and red RCA cords are securely inserted into both the karaoke system and the home stereo system.

TROUBLE SHOOTING (Cont'd)

PROBLEM	POSSIBLE CAUSE	SOLUTION
No sound - when audio is connected to a home stereo.	<ul style="list-style-type: none"> • Source Selection on your stereo is not set properly 	<ul style="list-style-type: none"> • Select AUX IN as the source for your home stereo
	<ul style="list-style-type: none"> • Improper Connection to stereo system 	<ul style="list-style-type: none"> • Follow direction on "Making the for Connections" for connecting to a home stereo system
	<ul style="list-style-type: none"> • RCA cords are not connected securely. 	<ul style="list-style-type: none"> • Ensure white and red RCA cords are securely inserted into both the karaoke system and the home stereo system
No song lyrics appear on the TV screen	<ul style="list-style-type: none"> • Video cable is not connected properly to the TV 	<ul style="list-style-type: none"> • Connect the video cable to the karaoke system's VIDEO OUT and to the TV VIDEO IN.
	<ul style="list-style-type: none"> • Source selector on TV is not set to VIDEO 	<ul style="list-style-type: none"> • Using your TV remote to select VIDEO input or select the proper VIDEO input on the TV itself.
	<ul style="list-style-type: none"> • TV does not have video line input 	<ul style="list-style-type: none"> • Connect from VIDEO OUT of the system to the VIDEO IN on your VCR/Home theater. Refer to "Making the Connections. Check the disc to be sure it is a CD+G.
	<ul style="list-style-type: none"> • A CDG is loaded but the CD+G icon is not lit 	<ul style="list-style-type: none"> • Check the disc to be sure it is clean.
No sound from mic	<ul style="list-style-type: none"> • Mic volume control is set to minimum 	<ul style="list-style-type: none"> • Adjust mic volume to max, and then re-adjust to a comfortable level
	<ul style="list-style-type: none"> • Mic is off 	<ul style="list-style-type: none"> • Turn on mic with the ON/OFF switch located on the microphone
No Video is displayed on the TFT Screen.	<ul style="list-style-type: none"> • The TFT Screen is turned OFF. 	<ul style="list-style-type: none"> • Set Screen button to turn ON.
	<ul style="list-style-type: none"> • The disc being played is a regular music CD, in which case no image will be displayed. 	<ul style="list-style-type: none"> • Ensure you are playing a CD+ Graphics or CD+G Karaoke disc .

SPECIFICATION

Audio Section Output power Output impedance	5 watt + 5 watt RMS 8 Ohms
CD OR CD+G player Frequency response Signal - to - noise ratio Number of programs	100 Hz - 20 kHz 50 dB 20 STEPS RANDOM ACCESS PROGRAMMING
Microphone	-73 dB 600 OHMS IMPEDANCE WITH Ø 6.3mm DYNAMIC MICROPHONE

Specifications are typical, individual units might vary. They are subject to continuous improvement without notice and without incurring any obligation.

THE KARAOKE MACHINE (GLOSSARY OF TERMS)

Following are some brief descriptions of karaoke terms you may need:

Echo:

By adding some minor feedback to your voice the Echo feature adds depth and resonance to a singer's voice. Echo affects only your voice and not the music. It will make you sound like you are singing in a big concert hall.

Multiplex:

This karaoke system is capable of playing Multiplex CD+G Karaoke discs. Multiplex Karaoke discs feature two mono versions of the same recording on left and right channels. The right channel features a mono version of the song with the lead vocals pre-recorded. The left channel features the same song, without the lead vocals recorded.

Auto Voice Control (A.V.C.):

This is short for "Automatic Vocal Control". When the AVC knob on the front panel of the player is turned clockwise, the AVC function is activated. AVC is used to eliminate the singer's vocals from specially made Multiplex CD+G karaoke discs. Once the AVC is activated, as you sing into the microphone, the pre-recorded vocals are eliminated and replaced with your singing voice. Set the AVC to a lower setting, and you'll be able to hear the pre-recorded vocals in low volume as well as your own singing voice. Set the AVC to maximum and as you sing into the microphone, the pre-recorded lead vocals will be completely eliminated, and only your own singing voice will be heard.

NOTE: The AVC controls is only functional with specific Multiplex CD+G Karaoke Discs. AVC will not eliminate the vocals from standard music CDs, and will not function when playing standard Karaoke CD+G discs, such as the disc included with this system.

CD+G:

This is short for Compact Disc plus Graphics. This is a regular audio CD with the lyrics stored in a data track. While your karaoke player will play regular audio CDs they will not have the background data track that will allow the lyrics to be displayed.