

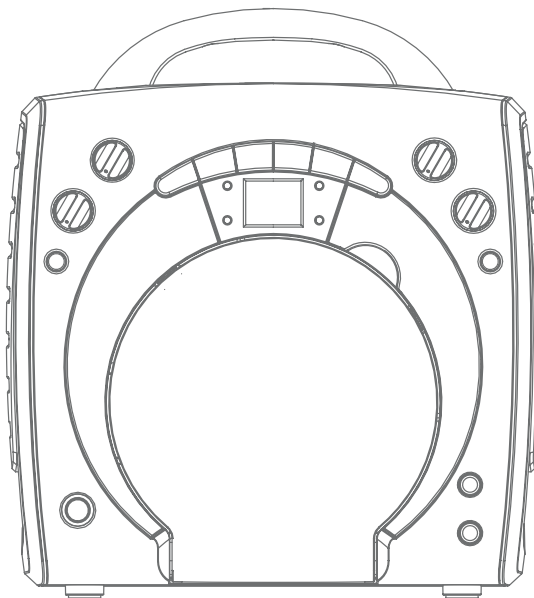
# singing machine classic

## INSTRUCTION MANUAL


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### SML283(BK/P)


Please read before first using this unit.



# Warnings



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. The Caution marking is located on the bottom panel.



**DANGEROUS VOLTAGE:** 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.



**ATTENTION:** 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 this product.



**DANGER:** This symbol is intended to alert the user to the risk of exposure to invisible and hazardous laser radiation if the cover or back is opened, the interlock fails or is defeated. Direct exposure to the beam may damage your eyesight.

**DRIPPING WARNING:** This product shall not be exposed to dripping or splashing, and 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 VERIFICATION:** 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.

Class II equipment symbol.  
This symbol indicates that the unit has a double insulation system.



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

**WARNING:** TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

**FCC WARNING:** This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

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.

**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 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.
- The rating information is located at the bottom of the unit.

**LASER SAFETY:** This unit employs a laser. Only qualified service personnel should attempt to service this device due to possible eye injury.

**CAUTION:** USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE PROCEDURE HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

### INDUSTRY CANADA NOTICE

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

CAN ICES-3(B)/NMB-3(B)

# Important Safety Information

1. Read these Instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all Instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the Manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, 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 a third grounding prong. The wide blade or the third prong are provided for your safety. When 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/accessories specified by the manufacturer.

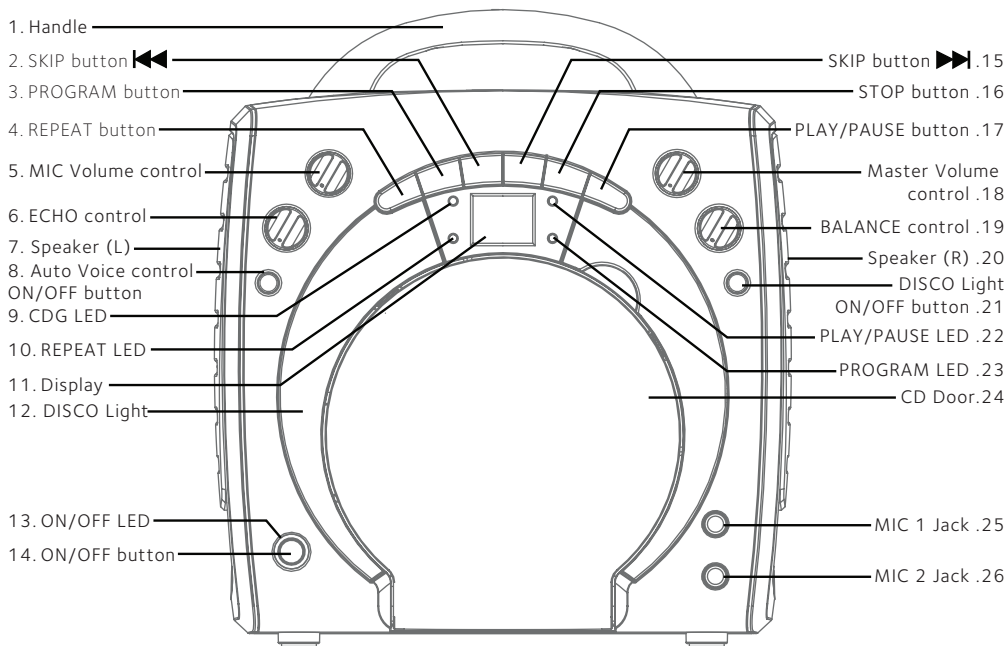
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of 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. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. Do not place objects filled with water, such as a vase, on the apparatus.
16. The AC mains plug is used as the power disconnect device and it should remain readily accessible and operable during intended use. In order to completely disconnect the apparatus from power, the main plug should be completely removed from the AC outlet socket.
17. **CAUTION:** To reduce the risk of fire or explosion, do not expose batteries to excessive heat such as sunshine, fire or other heat sources.

PORTABLE CART WARNING  
(symbol provided by RETAC)

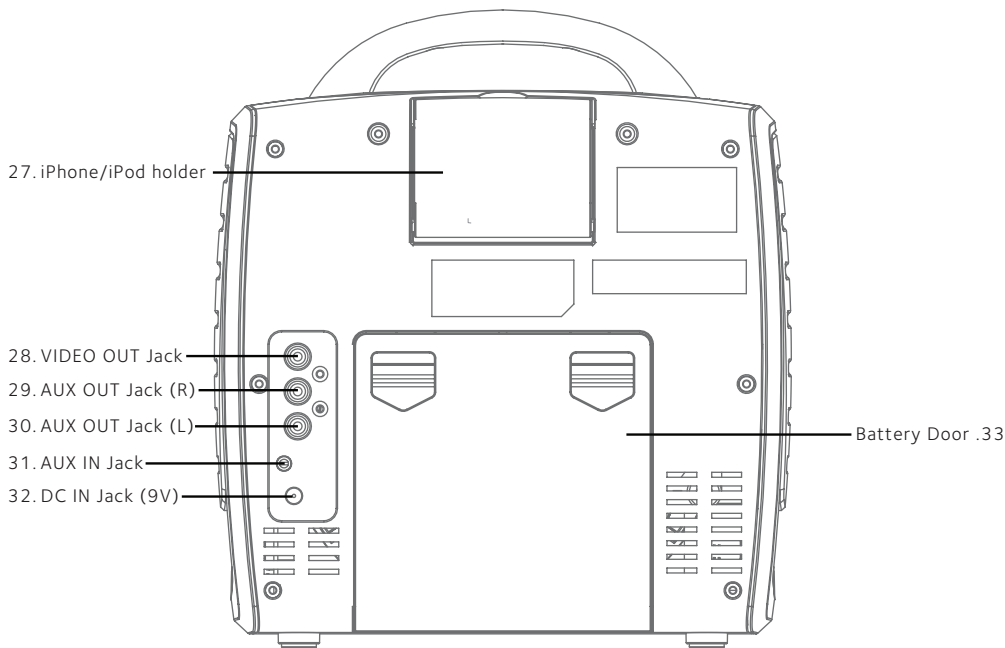


# CONTROL LOCATIONS

## FRONT VIEW

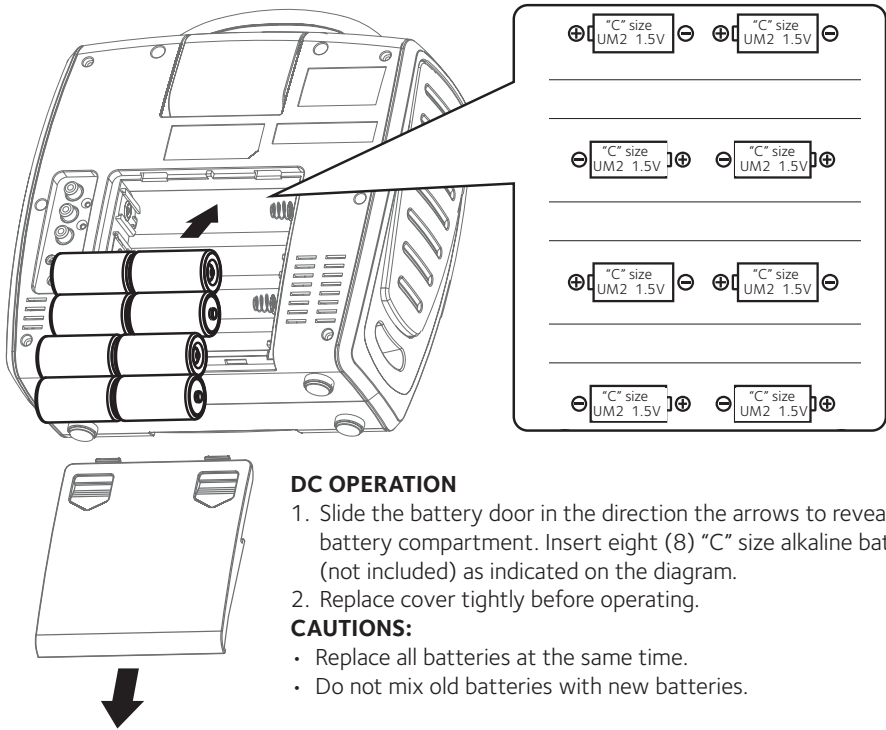


## REAR VIEW



# CONNECTIONS

## INSTALLATION OF BATTERIES



### DC OPERATION

1. Slide the battery door in the direction the arrows to reveal the battery compartment. Insert eight (8) "C" size alkaline batteries (not included) as indicated on the diagram.
2. Replace cover tightly before operating.

### CAUTIONS:

- Replace all batteries at the same time.
- Do not mix old batteries with new batteries.

### Battery Precautions

The precautions below should be followed when using batteries in this device:

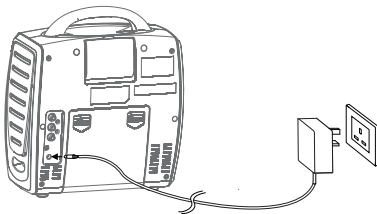
1. Use only the size and type of batteries specified.
2. Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon Zinc) or old batteries with fresh ones.
4. If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge batteries not intended to be recharged, they can overheat and rupture. (Follow battery manufacturer's directions.)
6. Rechargeable batteries are to be removed from the product before being charged.
7. Rechargeable batteries are only to be charged under adult supervision.
8. Exhausted batteries are to be removed from the product.
9. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

## CONNECTING THE POWER

Insert the DC adapter into the DC jack. You can power the system from a standard AC outlet by using the supplied Power Adapter (The adapter operates on AC 100V~240V /50Hz~60Hz).

### CAUTIONS:

- The included AC adapter is for use with this unit only. Do not use it with other equipment.
- When the adapter is plugged in, the equipment is not completely disconnected from the main source of power that runs from the outlet to the unit. This occurs even when the power button on the unit is placed on the off position. Disconnect the power plug from the wall outlet to ensure that the equipment does not receive any power source.



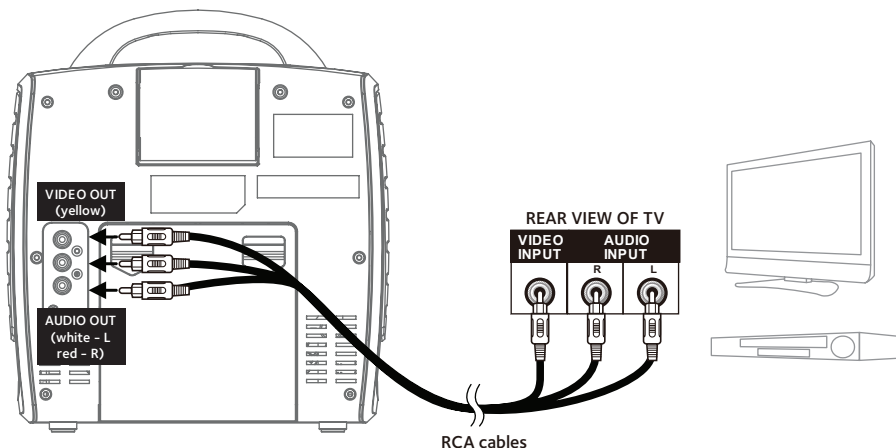
# CONNECTIONS (continued)

## CONNECTING TO YOUR TV

Your Singing Machine is designed to connect to your TV the same way you would connect most video cameras, DVD players or video game consoles.

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

1. Locate the multi-colored RCA cables.
2. Connect the RCA video cable (Yellow) to the VIDEO OUT jack and the audio cables (White and Red) to the AUDIO OUT jacks located on the back of the Singing Machine.
3. Connect the opposite end of the RCA video cable (Yellow) to the VIDEO IN jack and the audio cables (White and Red) to the AUDIO IN on your TV.



## LINE IN CONNECTION

Your Singing Machine has the capability of playing digital music device (e.g. iPod/MP3 player, etc.) by connecting it to the LINE IN jack on your Singing Machine and simply powering the external device on.

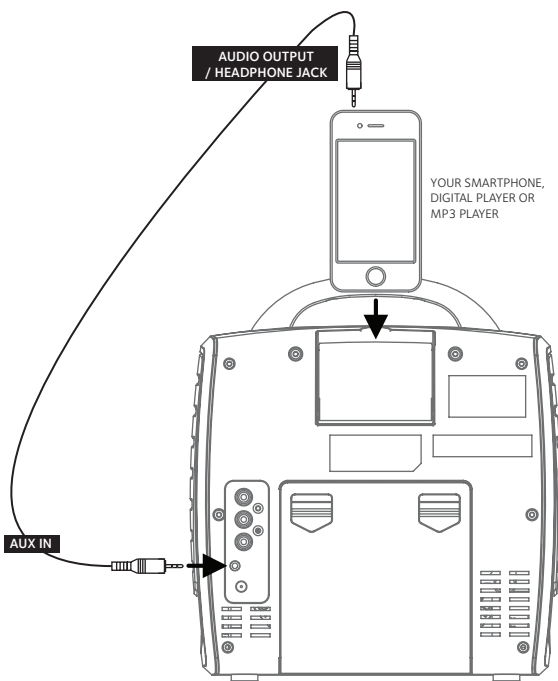
You can connect your device by using an appropriate cable (3.5mm audio cable not included).

The LINE IN function is automatically selected once the audio cable is plugged in.

## MASTER VOLUME

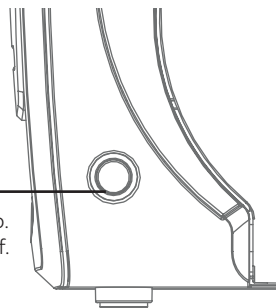
Rotate the MASTER VOLUME control to obtain the desired sound level.

**Warning:** To avoid excessive over amplified sound output, it is recommended that the volume control is initially adjusted to one third or less and then increased if required.



# OPERATION

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



## TURNING ON

To turn on the unit, press the ON/OFF button, the ON/OFF LED indicator will light up.

To turn it off, press the ON/OFF button again, the ON/OFF LED indicator will turn off.

## LOADING A DISC

Open the CD door, place a disc in the compartment and gently close the CD door. The LED on your Singing Machine will display the number of tracks recorded on your disc. In the event a CD is not placed in the compartment, the Display will show "no". When a CDG disc is placed into the CD compartment properly, the CDG indicator will illuminate.

### NOTES:

- Never place anything except a compact disc on the disc tray. Foreign objects can damage the unit.
- Only place one disc on the tray at a time.

## PLAY/PAUSE

Adjust the MASTER VOLUME control on your unit to a comfortable level.

Press the PLAY/PAUSE button. The first track "1" will appear in the display and the PLAY/PAUSE LED will illuminate.

To temporarily stop playing, press the PLAY/PAUSE button. The PLAY/PAUSE LED indicator will flash.

To resume play, press this button again.

**NOTE:** Pressing the PLAY/PAUSE button repeatedly when playing a CD+G will cause a distorted image on your TV screen. Any distortion will remain on the screen until it is refreshed either during an instrumental break, when the song is stopped or when the song is started from the beginning.

## STOP

If the STOP button is pressed in the course of playing, the disc will cease to play. (Total number of tracks will be shown on the LED window.)

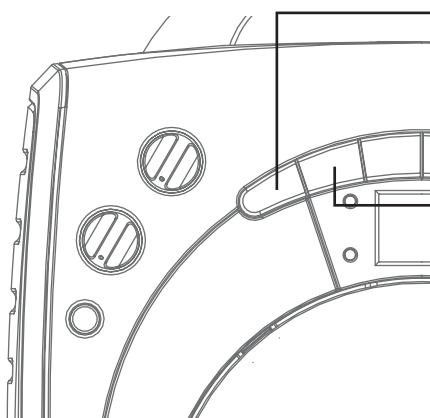
## MASTER VOLUME

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

## SKIP AND SEARCH

You can always skip forward or back to your desired track number by pressing the SKIP buttons. When playing any audio CD, press and hold the SKIP button. The CD will search at high speed in the forward or backward direction. Normal play will continue when you release the button.

# OPERATION (continued)



## REPEAT

To repeat the track currently playing, press the REPEAT button once; the REPEAT LED will flash. To repeat all tracks, press the REPEAT button twice; the REPEAT LED will light up and stay lit. Press the PLAY/PAUSE button to begin.

To clear the repeat function, press the REPEAT button again; the REPEAT LED will turn off.

## PROGRAM

Use the PROGRAM button to program and play songs in a pre-selected order.

1. Programming should be done in the Stop mode only. Press the PROGRAM button until the PROGRAM LED flashes; the track will read "0". Then press the SKIP buttons to select a desired track.
2. Press the PROGRAM button to confirm the entry. You can repeat the same steps for a maximum of 20 tracks.

3. Press the PLAY button after you have completed the programming process and you are ready to listen to your selected tracks. Press the STOP button to clear all the programmed entries

## DISCO LIGHT OPERATION

To illuminate the Disco light, press the Disco Light ON/OFF button to switch it ON. Press it again to switch it off.

## KARAOKE FUNCTIONS

Sing along with the music by plugging the provided microphone into either one of the microphone jacks on the unit.

**WARNING:** Tapping or dropping the microphone can permanently damage your microphone. Do not swing the microphone around by the cord as this will damage the microphone.

## MIC VOLUME

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

**WARNING:** To avoid microphone feedback, do not hold the microphone too close to the speakers.

## ECHO

Adjust the ECHO control to enhance the singers' voice for a concert hall effect.

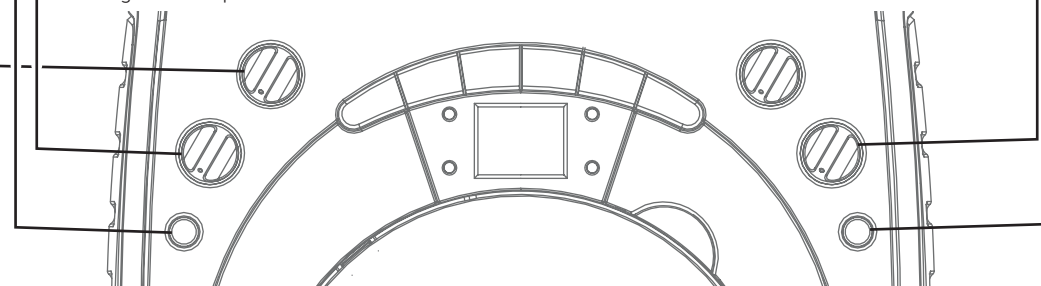
## AUTO VOICE CONTROL (MULTIPLEX DISCS ONLY)

Allows you to replace the lead singer's voice with your own when playing a multiplex recording. The vocals on the multiplex recording will be muted when using the microphone. When the microphone is not in use, the pre-recorded vocals will resume on a multiplex disc. The Auto Voice Control can be activated by pressing the A.V.C. ON/OFF button.

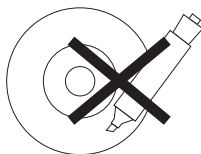
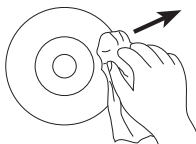
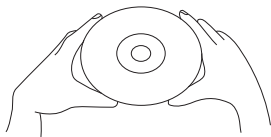
## BALANCE

Allows you to eliminate the lead singers' voice by rotating the knob to the left when playing a multiplex recording or eliminate the music when rotating the knob to the right.

**NOTE:** When playing an audio CD or CDR/RW with downloaded music, the balance knob will shift the recording to the right or left speaker.



# Care and Maintenance



## Care for Compact Discs

Treat the compact disc carefully. Handle the compact disc only by its edges. Never allow your fingers to come in contact with the shiny, unprinted side of the compact disc.

Do not attach adhesive tape, stickers, etc. to the compact disc label. Clean the compact disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the compact disc. If necessary, use a CD cleaning kit.

If a disc skips or gets stuck on a section of the compact disc, it is probably dirty or damaged (scratched).

When cleaning the compact disc, wipe in straight lines from the center of the compact disc to the outer edge of the compact disc. Never wipe in circular motions.

This unit is designed to play only compact discs bearing the identification logos as shown here. Other discs may not conform to the CD standard and may not play properly.

Compact Discs should be stored in their cases after each use to avoid damage. Do not expose compact discs to direct sunlight, high humidity, high temperatures or dust, etc. Prolonged exposure or extreme temperatures can warp the compact disc.

Do not stick anything on either side of the compact disc. Also do not write on the shiny side of the disc, as sharp writing instruments, or the ink, may damage the surface.

## Cleaning the Unit

To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning. The finish on your unit may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.



# TROUBLESHOOTING GUIDE

If you have followed the instructions and are having difficulty operating the unit, locate the **PROBLEM** in the left column below. Check the corresponding **POSSIBLE CAUSE** and **SOLUTION** columns to locate and remedy the problem.

PROBLEM	POSSIBLE CAUSE	SOLUTION
No power when ON/OFF button is on	AC Plug is not connected to the electrical outlet.	Plug the AC cord into the wall outlet.
	The plug is not connected to the system.	Connect the plug to the system.
No power when plugged in	The AC outlet may not have power.	Check the outlet with a working lamp or other electrical appliance.
	DC plug is not secure on the back of the unit.	Securely plug cord into the back of the unit.
No sound	Volume control is set to minimum.	Turn up the volume.
	Audio cable has not been removed from the AUX IN jack.	Remove Audio cable from the AUX IN jack.
CD PLAYER does not work normally	Disc is inserted upside down.	Insert disc correctly.
	Disc is dirty.	Wipe disc in a straight line from the center to the edge with a soft, lint free cloth.
	Disc is scratched.	Use a new disc.
	Disc is warped.	Use a new disc.
	Lens is dirty.	Wipe the lens inside the CD compartment with a clean dry cotton cloth or run a CD lens cleaner thru the CD compartment.
	Moisture has formed inside the CD deck.	Wait about 20 to 30 minutes to let it dry out.
	The Singing Machine needs to be reset.	Power the system OFF and disconnect the machine from electrical outlet for 30 seconds.
No sound – If audio is going through TV or home stereo	Source Selection on your TV or home stereo is not set properly.	Select AUX IN as the source on your TV or home stereo.
	Improper Connection to stereo system or PA.	Follow direction in the “CONNECTIONS” section.
	Volume control on TV or home stereo is set to minimum.	Turn up the volume on the TV or home stereo.

# TROUBLESHOOTING GUIDE (continued)

PROBLEM	POSSIBLE CAUSE	SOLUTION
Lyrics do not appear on the TV screen	Video cable is not connected properly to the TV.	Follow direction in the “CONNECTIONS” section.
	TV does not have video line input.	Connect from AV OUT of Singing Machine to the VIDEO IN on your TV. Confirm you are playing a CDG.
	Source has not been selected on your TV.	Use your TV Remote to select the corresponding VIDEO input.
	A CDG is loaded but the CDG indicator on the monitor is off.	Check the disc to be sure it is clean.
No sound from mic	Mic volume control.	Adjust mic volume to max, and then re-adjust to a comfortable level.
	MIC is OFF.	Switch Mic to the ON position.
	The MIC is not connected to the MIC jack securely.	Securely connect the MIC to the MIC jack.
	Master Volume is set to Minimum.	Adjust the Master Volume knob to a comfortable level.
	Microphone is not positioned correctly.	Speak or sing into the top of the microphone; no more than 1” away from your mouth.
While playing a CDG and singing with the microphone, the music or vocals cut out	AVC is activated.	Switch AVC feature off.
	You are playing a music only track and the balance is not set properly.	Play track that includes music and vocal or set the balance knob to the mid point.
No sound or low volume from the microphone	Echo is set to minimum.	Increase the echo level as needed.
While playing a CDG track with music and vocals, only music or vocals play	Balance is set either to the left or right.	Adjust balance to middle.

# SPECIFICATIONS

## AUDIO SECTION

OUTPUT POWER (MAXIMUM) .....1 Watt + 1 Watt (RMS)  
OUTPUT IMPEDANCE.....8 Ohms

## CD PLAYER SECTION

FREQUENCY RESPONSE .....100Hz - 20kHz  
SIGNAL-TO-NOISE RATIO .....50dB (A-WTD)  
NUMBER OF PROGRAMS.....20 Step Random Access Programming  
SAMPLING SYSTEM .....8 Times Over Sampling

AUX IN SECTION .....3.5mm Stereo Headphone Jack  
MICROPHONE.....-74db 600 Ohm Impedance with 6.3mm Dynamic Microphone

POWER SECTION .....DC 9V==0.8A⊖⊕(8 x “C” Batteries) (Batteries not included)  
DIMENSIONS (HxWxD) .....9.1 x 4.1 x 9.9 inches / 23.2 X 10.5 X 25.1 cm  
WEIGHT .....2.6 lbs / 1.2 kgs

Specifications are typical. Individual units might vary and are subject to continuous improvement without notice and/or incurring any obligation.

Visit Our Website: [www.singingmachine.com](http://www.singingmachine.com)

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