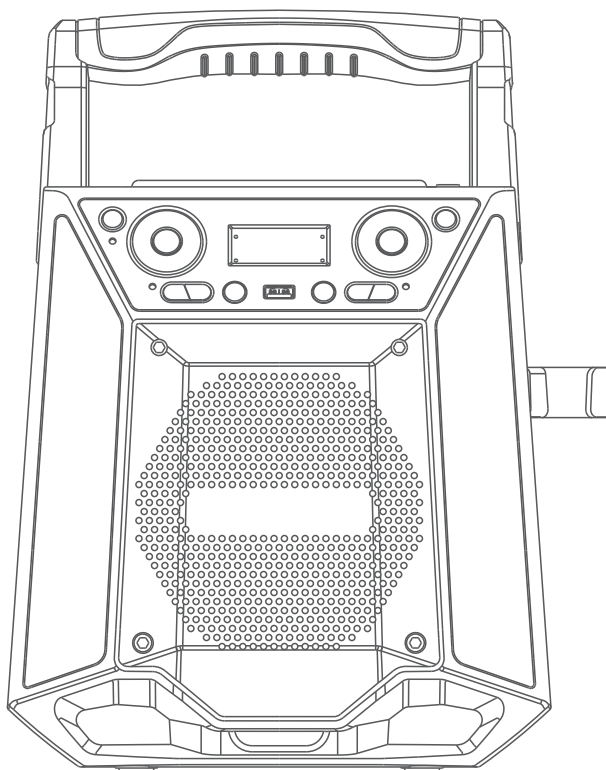# singing machine®

creating **Joy** through music™

# SML2350

## INSTRUCTION MANUAL

# www.singingmachine.com

The Singing Machine® is a registered trademark of The Singing Machine Co., Inc.

# Warnings

# Important Safety Information

# Included

What's in the box.

Main Unit

AC Adapter
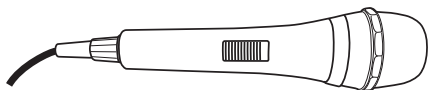
Wired Microphone

Audio/Video Cables
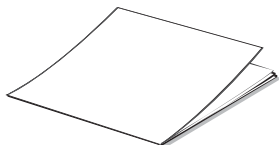
Manual

# Location of Controls (Top/Front)



1. Virtual Assistant wake up microphone
2. Handle release Button
3. FUNCTION Button
4. MASTER VOLUME + Button
5. Skip I◀◀ /◀ (Navigation) Button
6. CD compartment
7. Display
8. KEY+/▲ (Navigation) Button
9. Cradle
10. MIC VOLUME + Button
11. Handle
12. ⏻ ON/STANDBY Button
13. Power indicator
14. KEY- /▼ (Navigation) Button
15. REPEAT/PROGRAM Button
16. MIC VOLUME – Button
17. Bluetooth indicator
18. BLUETOOTH Button
19. VOCALS OFF Button
20. FX Button
21. USB slot
22. Speaker
23. 🎤 Virtual Assistant wake up Button
24. LIGHTS Button
25. RECORD Button
26. Record indicator
27. MASTER VOLUME – Button
28. ▶II (Play/Pause)/STOP Button
29. Skip ▶▶I /▶ (Navigation) Button

# Location of Controls (Rear)
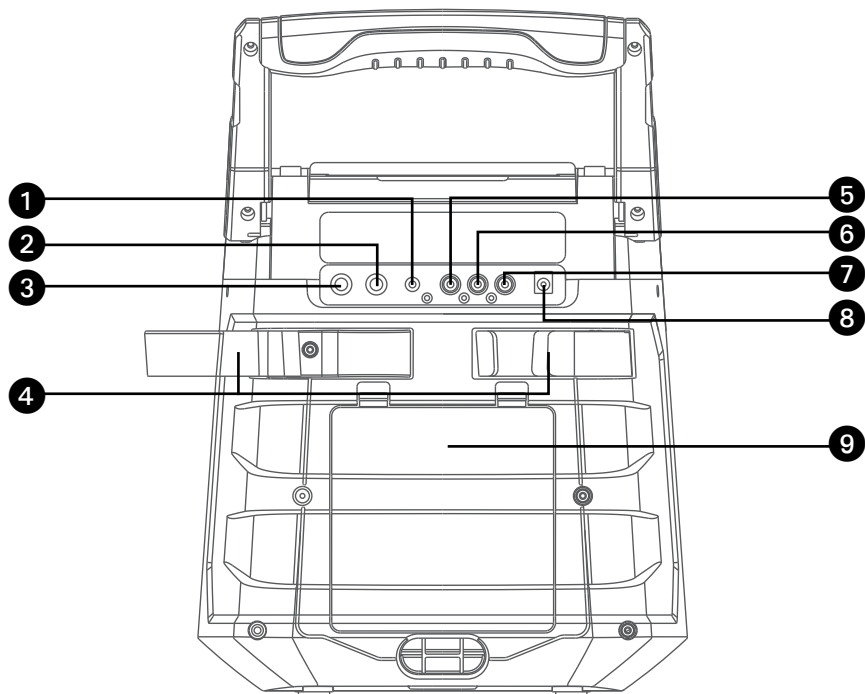


1.  Line In Jack
2.  Mic 2 Jack
3.  Mic 1 Jack
4.  Mic Holders
5.  VIDEO OUT Jack

6.  AUDIO OUT (R) Jack
7.  AUDIO OUT (L) Jack
8.  DC In Jack
9.  Battery Compartment

# Location of Controls (Display)



1.  CDG Indicator
2.  Display
3.  Repeat Indicator

4.  Play/Pause Indicator
5.  Program indicator

# Connection

## Connecting the Microphone(s)
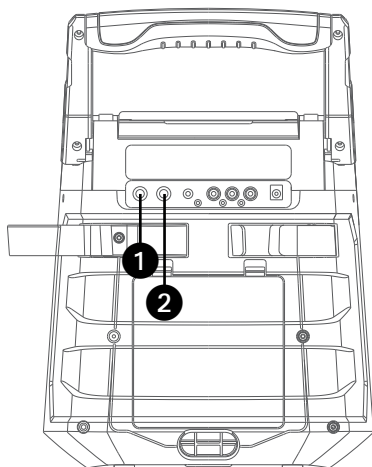
**Microphones:**
Connect a microphone into MIC jack 1 **❶** as well as MIC jack 2 **❷** (when desired).

**Note:** Do not drop or tap the Mic as damage to the Mic or speakers may occur. Do not twirl the microphone by cord as it will cause damage to the encased wiring.

## Connecting the Unit to a TV
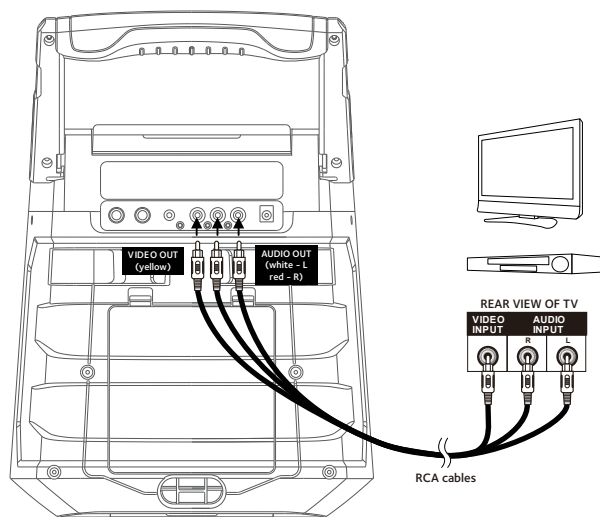
To output the video, lyrics and audio to your TV, perform the following steps:

1  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.

2  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.

VIDEO OUT (yellow)

AUDIO OUT (white - L red – R)

REAR VIEW OF TV

VIDEO INPUT

AUDIO INPUT

R  L

RCA cables

**Notes:**
- This unit can be used with or without a TV, but it is highly recommended to use a TV in order to utilize all the features.
- Also refer to the TV's User Guide.
- To see the lyrics on the screen, you must use a CD+G disc or MP3+G files.

# Connection

## Connecting to AC Power
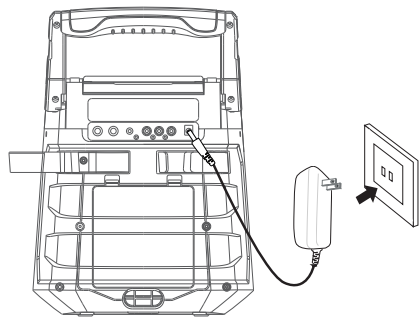
Insert the AC power cord into a conveniently located AC outlet having 120V AC, 60Hz.

**Note:**
Make all connections before connecting to AC power.

## Inserting Batteries

**INSTALLATION OF BATTERIES**

'C' SIZE, UM-2 1.5V
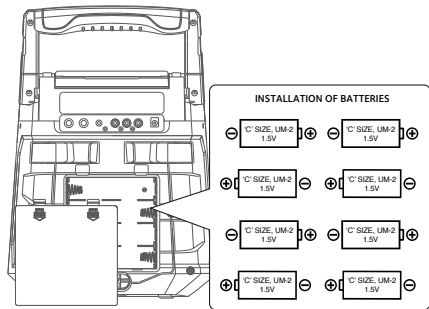
1 Slide the battery door in the direction the arrows to reveal the battery compartment. Insert eight (8) "C" size alkaline batteries (not included) as indicated on the diagram.

2 Replace cover tightly before operating.

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.

# Energy Saving (Auto Power System–APS)

The unit will automatically enter the Standby mode after 20 minutes in the following situations:
1. There is no audio playback on CD/USB/Bluetooth/Line in mode;
2. The playback of external music player had been stopped but the audio cable is still plugged into the LINE IN jack.
The unit can be resumed to turn on by pressing the ⏻ button once.
APS is for energy saving purposes.

# Operation

## Connecting to Line In Jack

To External Unit

AUDIO OUTPUT / HEADPHONE JACK
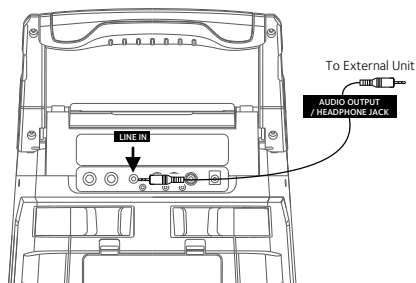
LINE IN

Connect an external device by using an appropriate cable (3.5mm audio cable not included) as shown.

**Note:**
See page E20 to select and use the Line In function.

## Disco Lights
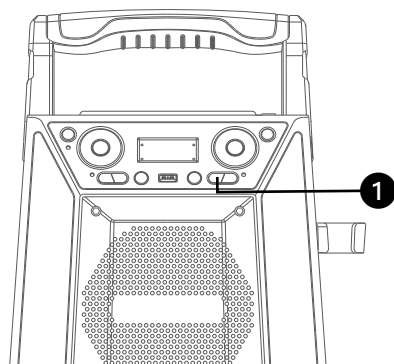
When the unit is turned on, the Light mode 1 is automatically activated. The lights will light up and will synchronize with sound when you speak or sing into the microphone.

Press the **LIGHTS** button for Light mode 2 which will display the light show but will not respond to the microphone.

Press the **LIGHTS** button again to turn off the Lights.

## Cradle
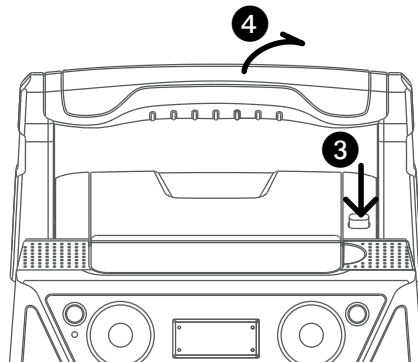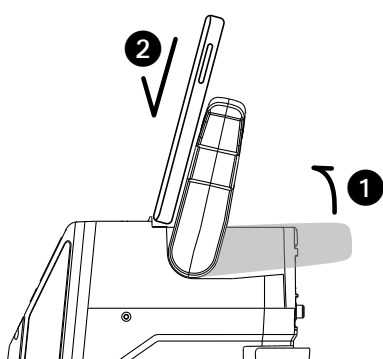
Lift the handle ❶ until you hear a "Click" sound, the handle will be locked in position.
You can now rest your mobile device on the cradle ❷.
To release the handle back to the origin, press the **HANDLE RELEASE** button ❸ once and push the handle back to the end.

# Operation

Playing a CDG

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

**Notes:**

- **What is a CD+G?**
  A CD+G (CD+Graphics) is the standard format for most karaoke discs that will display the words on the screen.
- Never place anything other than a CD in the compartment, as foreign objects can damage the unit.
- If no disc is inserted, "no" will appear on the display.
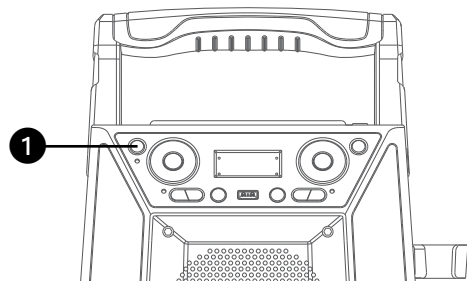


**1** Connect the unit as described previously; it should be connected to a TV. Press the ⏻ button to turn the unit on, the indicator will light up.
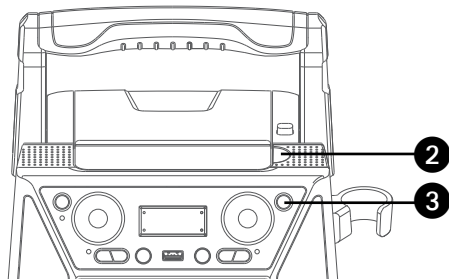


**2** Lift open the CD door and insert a CD or a CD+G by gently pressing it on the center spindle. Then close the CD door.

**3** Repeatedly press the **FUNCTION** button to select the CDG/CD mode; "---" will blink when searching the disc and then the total number of tracks will appear.

# Operation

Playing a CD (Continued)
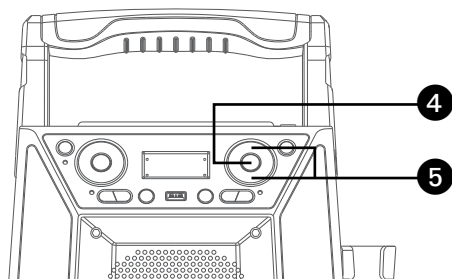
4 Press the ▶❙❙/STOP button to start playback; if listening to a CD+G file, the image and lyrics will appear on the TV screen (if connected). When a CDG disc is inserted, the CDG indicator will light.

5 Adjust the volume to a comfortable level by pressing the **MASTER VOL +** or **–** button.
**NOTE:** If connected to a TV or other audio source, adjust the volume of the TV using its own volume control.
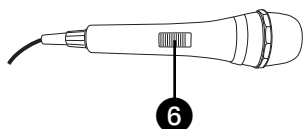
6 Connect microphone(s) and slide the **ON/OFF** switch on the microphone to the ON position.

7 Press the **MIC VOL +** or **–** button as desired, which will effect on both microphones.

8 **SING-ALONG WITH BUILT-IN VOICE CHANGERS**
There are 6 built-in voice changers in this unit. Repeatly press the **FX** button to select different vocal effects.
Display will show:
EF0 - NONE
EF1 - ECHO
EF2 - FEMALE
EF3 - MALE
EF4 - CHIPMUNK
EF5 - ROBOT
EF6 - RADIO

9 Adjust the Key using the **KEY +**/ ▲ (Navigation) and **KEY –**/▼ (Navigation) buttons to obtain the best key for the playing track.

# Operation

Playing a CD (Continued)
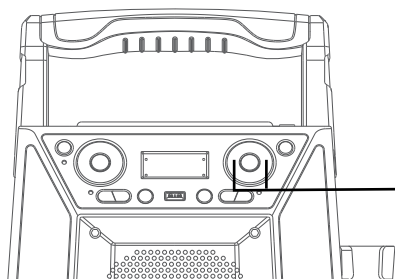
10 **SKIP:** Advance or go back one track by pressing the I◀◀ /◀ (Navigation) button or ▶▶I /▶ (Navigation) button respectively.

11 **REPEAT:** During playback, press the **REPEAT/PROG** button once to repeatedly play the selected song; the Repeat indicator will blink. Press the **REPEAT/ PROG** button a second time to repeatedly play the whole CD; the Repeat indicator will light solid. Press it again to cancel Repeat function, the Repeat indicator will turn off.
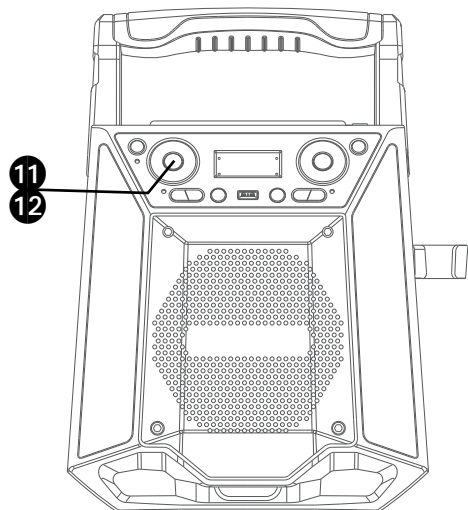
12 **PROGRAM:** You can program up to 20 tracks on any disc for playback in any desired order. While in the Stop mode, press the **REPEAT/PROG** button; the Program indicator will blink and "P01" will appear on the display indicating the first program is ready to program.
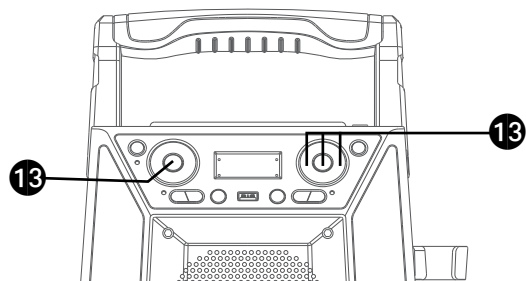
13 **PROGRAM:** Select the first track using the I◀◀/◀ (Navigation) and ▶▶I/▶ (Navigation) buttons. Press the **REPEAT/PROG** button again to confirm the entry. Repeat to set up to 20 tracks into memory. When done, press the ▶II /STOP button to start playback.

**Program Notes:**
• Press the ▶II /STOP button TWICE to clear the program. Press and hold the ▶II /STOP button to stop.
• If more than 20 tracks are attempted to be programmed, "FUL" will appear in the display.

# Operation

Playing a CD (Continued)
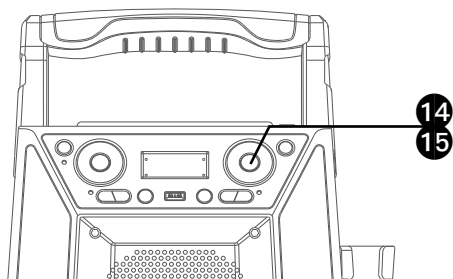
14 **PAUSE:** During playback, if you wish to pause the disc momentarily, press the ▶❚❚ / **STOP** button; the PLAY/PAUSE indicator will blink. Press again to resume normal playback.

15 Press and hold the ▶❚❚ /**STOP** button to stop playback.
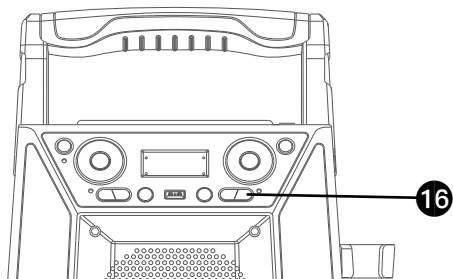
16 **RECORD YOUR VOCAL PERFORMANCE:**
Insert a USB drive first, then press the **REC** button; the song will start over and recording will begin. The record indicator will light solid. Recording will stop when the song stop; the record indicator will turn off.

**Notes:**
- A USB drive (not included) must be inserted into USB slot to record.
- The recorded audio file will record onto the USB drive.
- See section "Playing Songs from the USB" to play back your recorded files.

17 Press the ⏻ button to turn the unit off.

# Operation

## Playing Songs from the USB
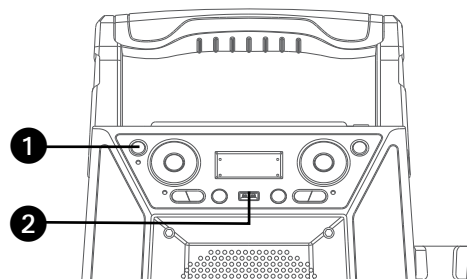
1 Connect the unit as described previously; it should be connected to a TV. Press the ⏻ button to turn the unit on.

2 Insert a USB flash drive into the USB slot on the unit.
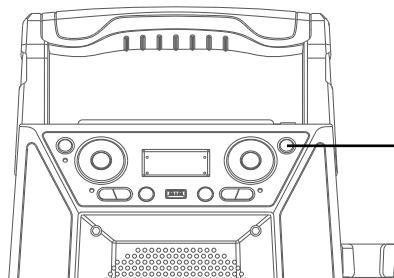
3 Repeatedly press the **FUNCTION** button to select the USB mode; "USb" will appear when searching the drive and then the total number of files will appear.

**Note:** It is highly recommended to have it connected to a TV for USB playback.
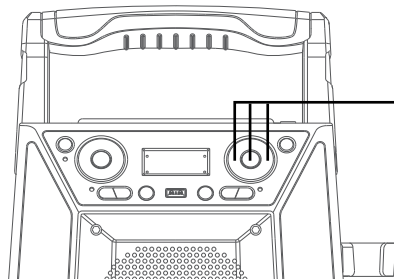
4 Press the ▶❚❚/**STOP** button to start playback; if listening to an MP3+G file, the image and lyrics will appear on the TV screen (if connected).

**Notes:**
- If connected to a TV you will see the selected song and folders on the TV screen. You can navigate them using the ❚◀◀/◀ and ▶▶❚/▶ buttons.
- If you recorded any audio files you can also select them using the Navigation buttons to select the REC folder on the TV screen.
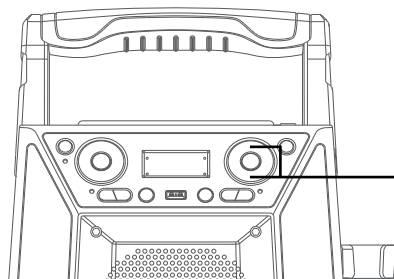
5 Adjust the volume to a comfortable level pressing the **MASTER VOL +** or **–** button.

**Note:** If connected to a TV or other audio source, adjust the volume of the TV using its own volume control.

# Operation

Playing Songs from the USB (Continued)
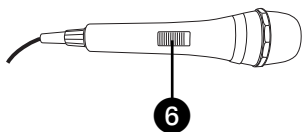


6    Connect microphone(s) and slide the **ON/OFF** switch on the microphone to the ON position.
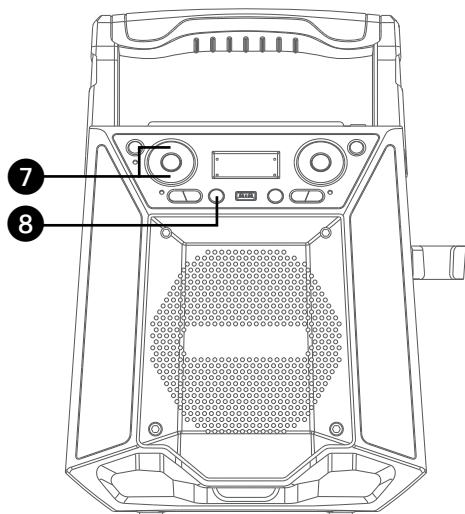
7    Press the **MIC VOLUME +** or **–** button as desired, which will affect both microphones.

8    **SING-ALONG WITH BUILT-IN VOICE CHANGERS**
There are 6 built-in voice changers in this unit. Repeatly press the **FX** button to select different vocal effects.
Display will show:
EF0 - NONE
EF1 - ECHO
EF2 - FEMALE
EF3 - MALE
EF4 - CHIPMUNK
EF5 - ROBOT
EF6 - RADIO
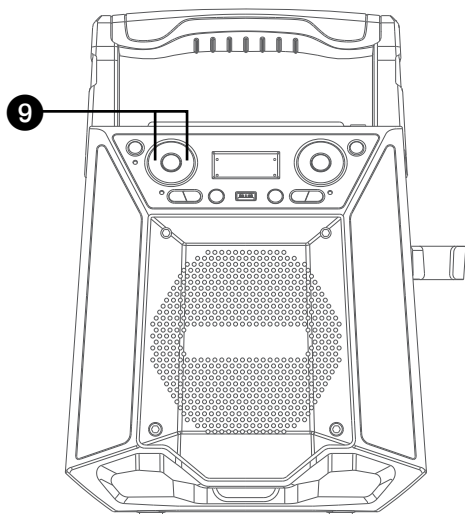
9    Adjust the Key using the **KEY +**/ ▲ and **KEY –**/▼ buttons to obtain the best key for the playing track.

# Operation

Playing Songs from the USB (Continued)
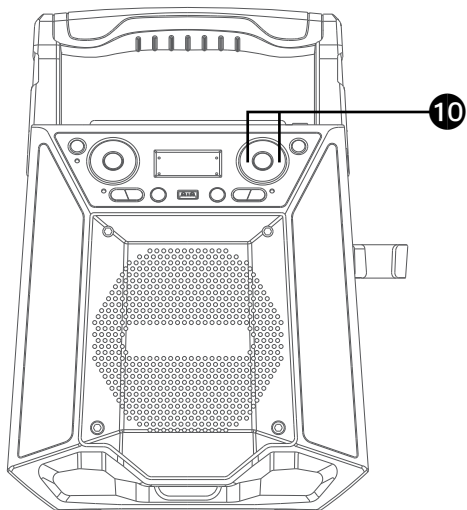


10 **SKIP:** Advance or go back one track by pressing the I◀◀ /◀ or ▶▶I /▶ buttons. When playing any audio from the USB, press and hold the I◀◀ /◀ or ▶▶I /▶ buttons. The USB will search at high speed in the forward or backward direction. Normal play will continue when you release the during Stop mode you can also use the navigation I◀◀ /◀ or ▶▶I /▶ buttons to scroll right/left and up and down to select a folder or a certain track.
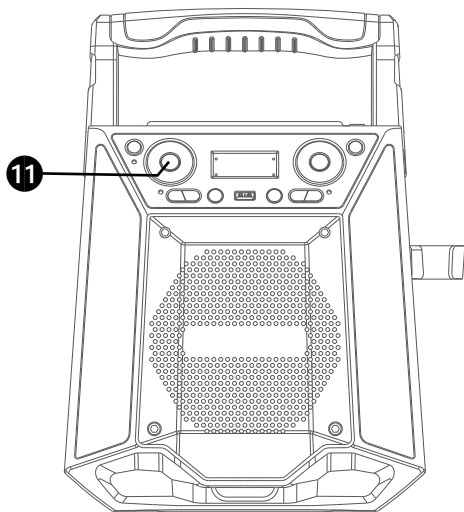


11 **REPEAT:** During playback, press the **REPEAT/PROG** button once to repeatedly play the selected song; the repeat indicator will blink slowly. Press the **REPEAT/ PROG** button a second time to repeatedly play the selected folder; the repeat indicator will blink rapidly. Press a third time to repeatedly play the USB; the repeat indicator will light solid. Press it again to cancel Repeat function; the indicator will turn off.

# Operation

Playing Songs from the USB (Continued)
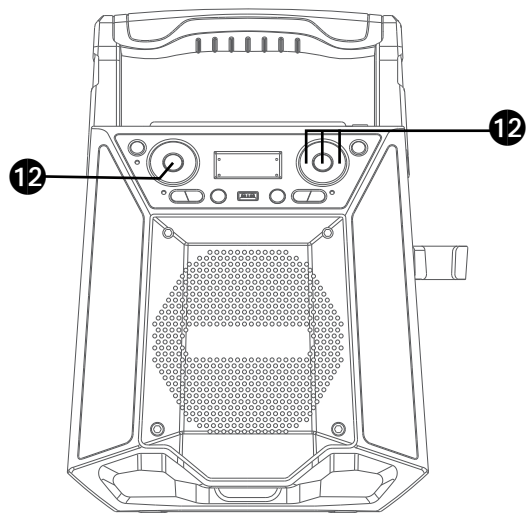


12 **PROGRAM:** You can program up to 20 tracks for playback in any desired order. While in the Stop mode, press the **REPEAT/PROG** button; the Program indicator will blink and "P01" will appear on the display indicating the first program is ready to program. Select the first track using the ⏮/◀ and ⏭/▶ buttons. Press the **REPEAT/PROG** button again to confirm the entry. Repeat to set up to 20 tracks into memory. When done, press the ▶⏸ **/STOP** button to start playback.

**Notes:**
- Press and hold the ▶⏸ **/STOP** button to stop. While in the Stop mode, press the ▶⏸ **/STOP** button TWICE to clear the program.
- If more than 20 tracks are attempted to be programmed, "FUL" will appear in the display.
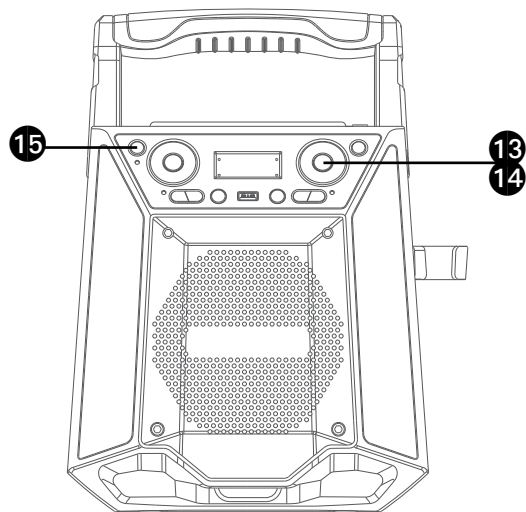
13 **PAUSE:** During playback, if you wish to pause the music momentarily, press the ▶⏸ **/ STOP** button; the Play/Pause indicator will blink. Press again to resume normal playback.

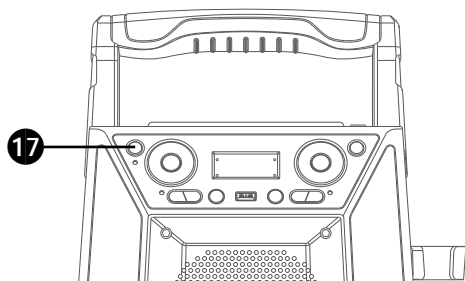14 Press and hold the ▶⏸ **/STOP** button to stop playback.

15 Press the ⏻ button to turn the unit off.

# Operation

Using a Bluetooth Device
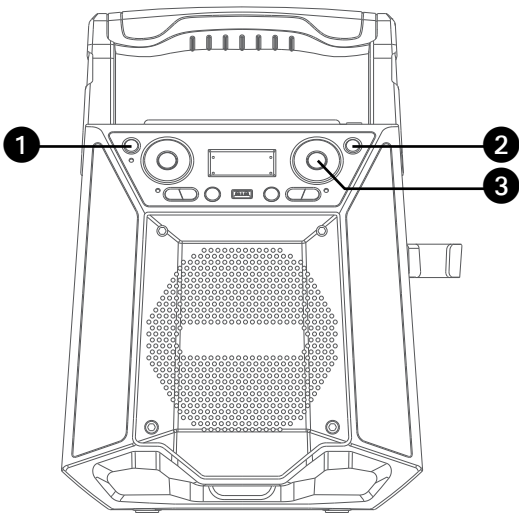


1 Connect the unit as described previously. Press the ⏻ button to turn the unit on.

2 Repeatedly press the **FUNCTION** button to select the Bluetooth; "bt" will appear in the display. The unit automatically searches for and pairs a previously paired Bluetooth device (if previously paired). If no previously paired devices are present, you cannot find this unit on your bluetooth compatible device's search list, connect as shown in the next step.

**Note:** You can also press and hold the **BT** button to disconnect any paired devices in order to pair another device.
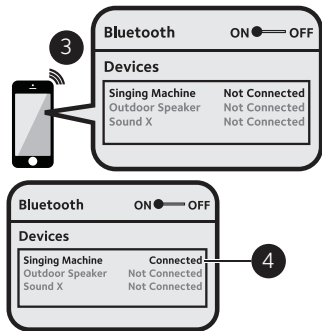
3 Press and hold the **BT** button, the bluetooth indicator will flash alternate blue and red light and the display will flash alternatively "bt" & "pr" in 60 seconds. Your device's Bluetooth option in settings to search for a discoverable device with a Bluetooth signal. Select "SINGING MACHINE" from the device results on the Bluetooth menu.

**Note:** Also refer to the user manual of your Bluetooth device for detailed instructions.

# Operation

Using a Bluetooth Device (Continued)
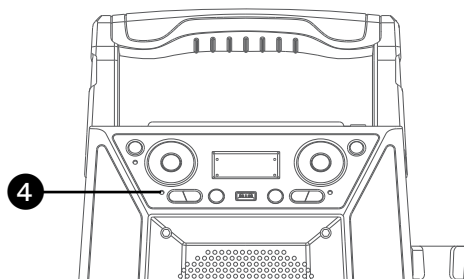
$4$ The Bluetooth indicator will light solid blue and a chime will sound.

**Notes:**

- If your Bluetooth prompts you for a passcode during the pairing process, please enter "0000" to connect.
- On some Bluetooth devices, once pairing is complete, select your Bluetooth device as "Use as Audio Device" or similar.
- If connection is lost after successful pairing, check to make sure the distance between speaker and Bluetooth-enabled device does not exceed 30 feet/10 meters.
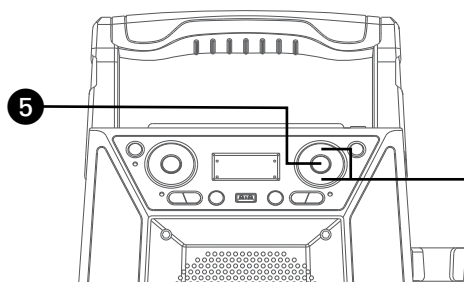
$5$ Start playback of your bluetooth device. Press the ▶❚❚/**STOP** button during playback to pause the song.

$6$ Adjust the volume to a comfortable level pressing the **MASTER VOL +** or **−** button. As well as the volume on your Bluetooth device.
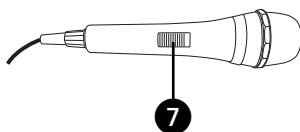
$7$ Connect microphone(s) and slide the **ON/OFF** switch on the microphone to the ON position.
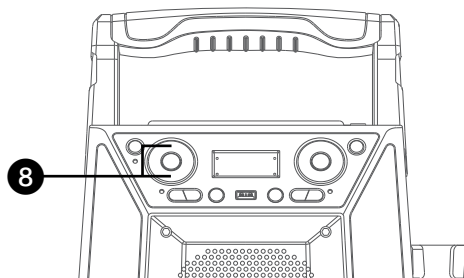
$8$ Press the **MIC VOLUME +** or **−** button as desired, which will affect both microphones.

# Operation

Using a Bluetooth Device (Continued)
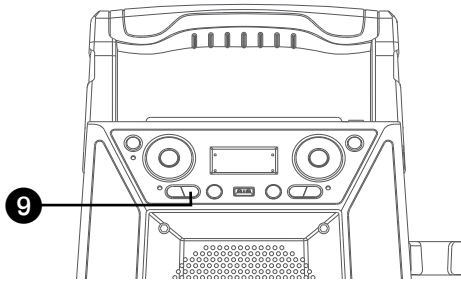


9 To sing without the lead singer on the recording, press the **VOCALS OFF** button, the bluetooth indicator will light solid red. To resume the lead singer, press the **VOCALS OFF** button again.
**Note:** Lead vocal removal may work better on some songs than others.



10 **SING-ALONG WITH BUILT-IN VOICE CHANGERS**
There are 6 built-in voice changers in this unit. Repeatly press the **FX** button to select different vocal effects.
Display will show:
EF0 - NONE
EF1 - ECHO
EF2 - FEMALE
EF3 - MALE
EF4 - CHIPMUNK
EF5 - ROBOT
EF6 - RADIO

11 **SKIP:** Advance or go back one track by pressing the I◄◄ /◄ or ►►I /► button respectively.

# Operation

Using a Bluetooth Device (Continued)
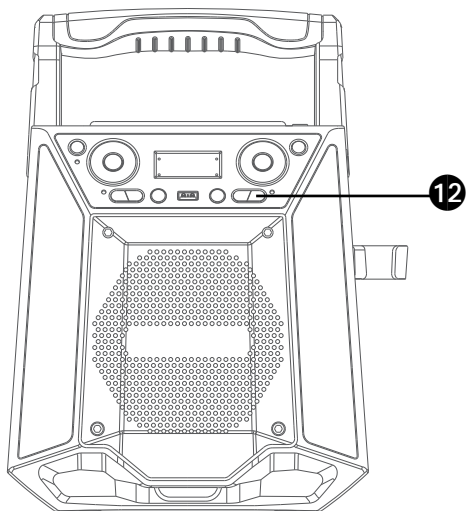


**12** **RECORD YOUR VOCAL PERFORMANCE:**
To record your singing as well as the music, press the **REC** button. Recording will begin and the record indicator will light solid. When done recording, press the **REC** button again; the record indicator will turn off.

**Notes:**
- A USB drive (not included) must be inserted into USB slot to record.
- The recorded audio file will record onto the USB drive.
- See section "Playing Songs from the USB" to play back your recorded files.
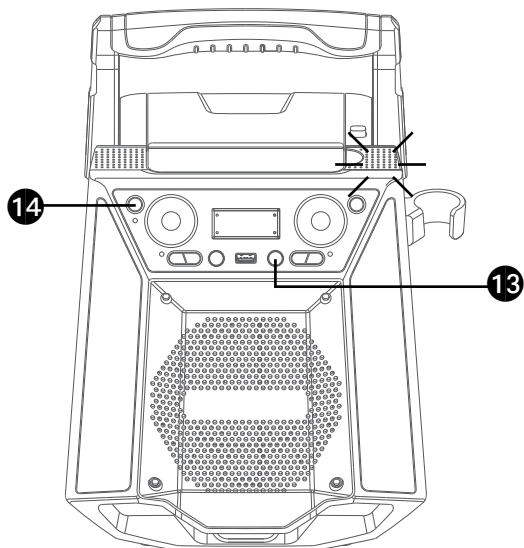
**13** To voice control your mobile device, you can press the **VIRTUAL ASSISTANT WAKE UP** button and speak to the unit. Remember you have to speak to the Virtual assistant wake up microphone which is located on the top of the unit.

**Note:** The voice control function in using Bluetooth connection mode only.

**14** Press the ⏻ button to turn the unit off.

# Operation

Using the LINE IN Jack
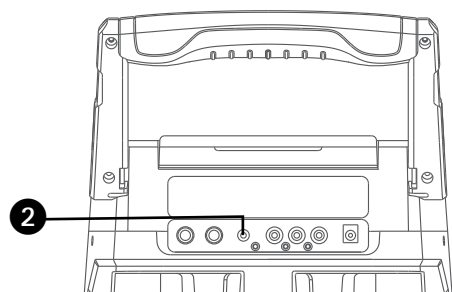
**1** Connect the unit as described previously. Press the ⏻ button to turn the unit on.

**2** Connect the external unit to the LINE IN Jack on the back of this unit. Connecting an external unit will allow the audio to be played through your Singing Machine.

**Notes:**
- It is highly recommended to set the volume on the auxiliary unit to 1/3 or lower to avoid distortion.
- Skipping files/tracks is not possible in this unit when using an external device.
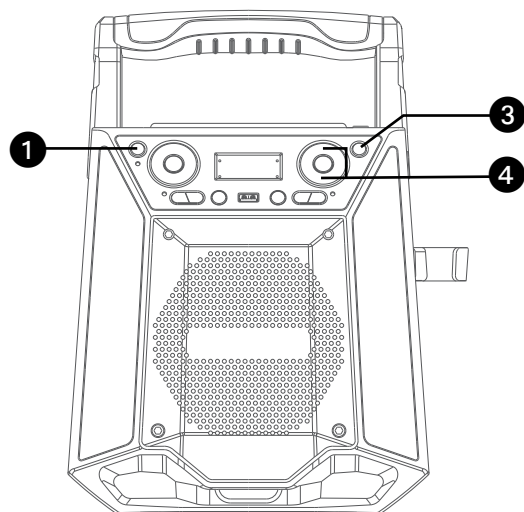
**3** Repeatedly press the **FUNCTION** button to select the LINE IN mode; "AU" will appear in the display.

**4** Adjust the volume to a comfortable level pressing the **MASTER VOL +** or **–** button on this unit or your external device's volume control.
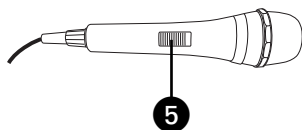
**5** Connect microphone(s) and slide the **ON/OFF** switch on the microphone to the ON position.
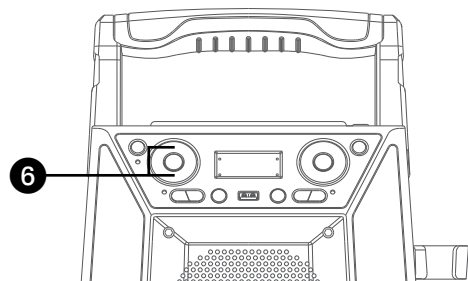
**6** Press the **MIC VOLUME +** or **–** button as desired, which will affect both microphones.
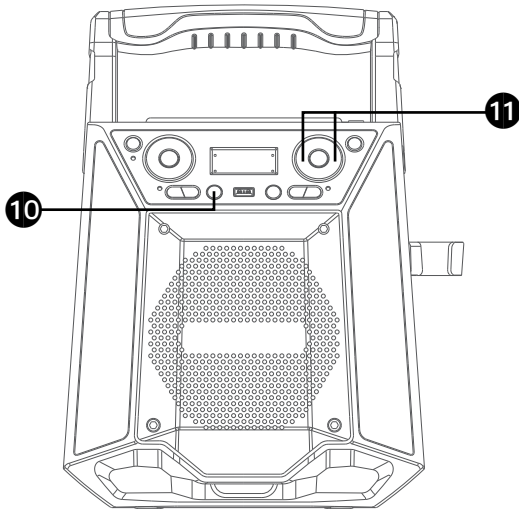
# Operation

Using the LINE IN Jack (Continued)
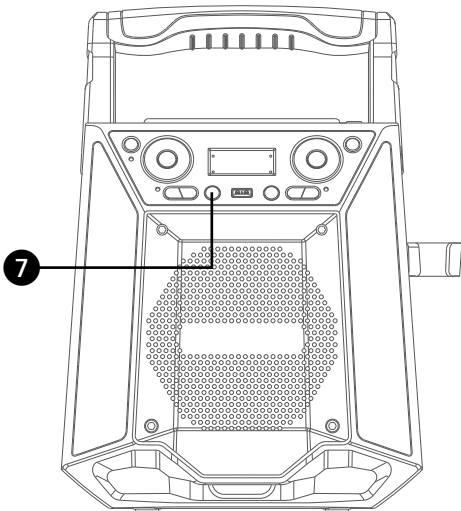


7 **SING-ALONG WITH BUILT-IN VOICE CHANGERS**
There are 6 built-in voice changers in this unit. Repeatly press the **FX** button to select different vocal effects.
Display will show:
EF0 - NONE
EF1 - ECHO
EF2 - FEMALE
EF3 - MALE
EF4 - CHIPMUNK
EF5 - ROBOT
EF6 - RADIO

8 **RECORD YOUR VOCAL PERFORMANCE:**
To record your singing as well as the music, press the **REC** button. Recording will begin and the record indicator will light solid. When done recording, press the **REC** button again; the record indicator will turn off.

**Notes:**
- A USB drive (not included) must be inserted into USB slot to record.
- The recorded audio file will record onto the USB drive.
- See section "Playing Songs from the USB" to play back your recorded files.
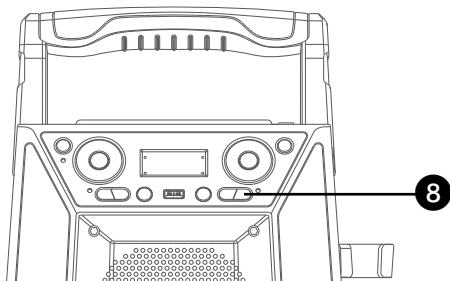
9 Press the ⏻ button to turn the unit off.
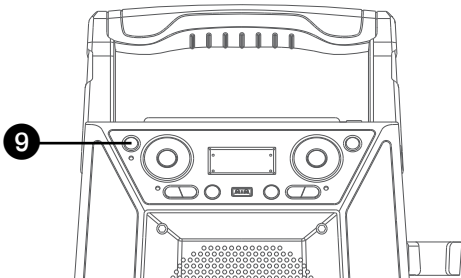
# Operation

## Where to Download MP3+G Files

**Helpful Hints:**

The .mp3 and .cdg files are delivered for download in a single, compressed MP3+G.zip file. The MP3+G file cannot be played as a .zip file on a USB flash drive. To play karaoke songs using a USB flash drive, the MP3+G .zip file must be unzipped as follows:

- Connect a USB flash drive to your computer.
- Download the MP3+G file from your Digital Locker and save the .zip* file to a folder on your computer.
- Double click the .zip file to open the .zip (you will see the .mp3 and .cdg files).
- Drag and drop the .mp3 and .cdg files to the USB flash drive.
- Remove (eject) the USB flash drive from your computer.

Turn on the Singing Machine and connect the USB flash drive.

### FAQ

- **Where can I get additional help with the file formats?**

  Visit http://singingmachine.com/smc-music/ to get additional resources about the right type of **FILE FORMAT** for your system.

To purchase and download karaoke music, please visit http://store.singingmachine.com to access over 15,000+ of your favorite karaoke songs. You will need a USB flash drive (not included) to transfer the downloads to this unit.

Follow these easy steps:

1 Go to http://store.singingmachine.com using your internet browser, and then register.

2 Select and purchase your favorite karaoke music from the Singing Machine Download Store.

3 Download your selected purchase(s) from the Singing Machine Digital Locker to your USB flash drive.

4 Insert the USB flash drive as shown on page E12 and enjoy!

**Note:** Your downloaded songs can also be burned to a blank CDR/CDRW.

# Troubleshooting Guide

Should this unit exhibit a problem, check the following before seeking service:

**No Power**
- Power is not on; press the ⏻ button to turn power on.
- Confirm the AC adapter is connected securely to the back of the unit.
- Connect the unit to a different outlet.
- If using batteries, replace with new ones.
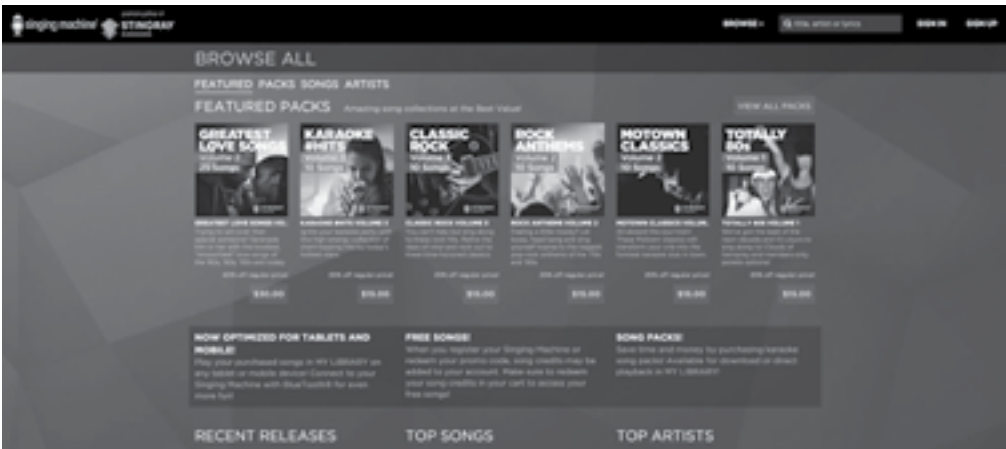- The normal function of the product may be disturbed by strong Electro-Magnetic Interference. If so, simply restart the product to resume normal operation by following the instruction manual. In the event the function does not resume, please use the machine in another part of the home.

**No Sound – General**
- MASTER VOLUME is set to minimum; raise volume.
- Correct Function was not selected; select using the **FUNCTION** button.
- If using an external device, raise the volume.

**No Sound – If connected to a TV**
- Volume on the TV is muted or too low.
- Correct source (usually AV) was not selected on the TV's menu.

**Lyrics do not appear on the TV screen**
- If connected to a TV, Video plug is not connected properly; see page E5.
- If connected to a TV, select the correct source on the TV (usually AV).
- The file/track being played is not a track recording with lyrics. These are the only files that allow you to view the lyrics on the TV screen.
- Nothing will appear on the TV screen when using Line In or Bluetooth.

**No sound from the microphone**
- Make sure the microphone is firmly connected to the **MIC 1** or **MIC 2** jack.
- Make sure the **Mic's ON/OFF** switch on the Mic is set to the ON position.
- Make sure the mic's volume is not set too low.
- MASTER VOLUME is set to minimum; raise volume.

**File(s) on USB jack not playing**
- The file is corrupted; replace the file.
- The file is not in a format this unit will play.
- The connected USB device is not supported by the product.

**The Bluetooth device cannot be paired or connected with the unit**
- You have not activated the Bluetooth function of your device; see page E16 or refer to the Bluetooth device user's manual.
- The system is not in pairing mode; press and hold the ▶❚❚ /STOP button to restart pairing.

**The Music is not available on the unit after successfully connecting the Bluetooth**
- Ensure your Bluetooth device can support the A2DP Bluetooth profile.
- The volume on the external Bluetooth device is set to low or muted; raise as desired.

# Specifications

**AUDIO**

Output Power ........................................................................... 8 Watts (RMS) 10% THD
Output Impedance............................................................................................8 Ohms

**CD SECTION**

Frequency Response................................................................................. 100Hz - 20kHz
Signal-to-Noise Ratio ................................................................................ 50dB (A-WTD)
Number of Programs.........................................20 Step Random Access Programming

**BLUETOOTH**

Bluetooth Version ...............................................................................................V5.0
Working Distance.........................................Up to 30 feet/10 meters measured in open space

**USB**

Format...............................................................................................................FAT32
Maximum Compatibility ................................................................................32GB

**GENERAL**

Power ....................................................................................... AC 100-240V ~ 50/60Hz
Output ................................................................................................ 12V ⎓ 1A
Dimensions - Main Unit........................................... 251 mm (W) x 351 mm (H) x 207 mm (D)
Weight - Main Unit ................................................................................................. 2.0 Kg
Microphone...................... -74 dB 600 Ohms impedance with 6.3 mm Dynamic Microphone
Line In ........................................................................................3.5mm Stereo Jack

Specifications are subject to change without notice.

**Bluetooth**®

Visit Our Website: www.singingmachine.com