**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 mains 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.
Included

What’s in the box.

Main Unit

AC Adapter

Wired Microphone

Manual

Welcome Kit

Audio/Video Cables
Location of Controls (Front)

1. Handle
2. Disco Light button
3. ON/OFF indicator
4. ON/OFF button
5. Disco Lights
6. PLAY/PAUSE/PAIR button
7. STOP button
8. SKIP ► Button
9. SKIP ◄ Button
10. PROGRAM/REPEAT button
11. FUNCTION button
12. Display
13. Speaker
14. AUX IN jack
15. MIC 2 jack
16. MIC 1 jack
17. CD door
18. MASTER VOLUME control
19. ECHO control
20. Auto Voice Control
21. BALANCE Control
22. MIC VOLUME control
23. CDG indicator
24. PROGRAM indicator
25. PLAY/PAUSE indicator
26. REPEAT indicator
Installation of Batteries

DC OPERATION
1. Slide the battery door in the direction of the arrow 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.

Connection

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.
Connection

Connecting the Microphone(s)

**Microphones:**
Connect a microphone into MIC jack 1 as well as MIC jack 2 (when desired).

**Note:** Do not drop or tap the Mic as damage to the Mic or speakers may occur. Do not twirl the microphone 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, follow these steps:

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.
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.

**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.
Connection

Connecting to AC Power

Insert the AC power cord into an AC outlet having 120V AC, 60Hz.

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

Connecting to AUX IN Jack

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

**Note:**
See page 13 to select and use the AUX IN function.

Disco Lights

1. Press the **Disco Light** button to switch on the lighting effect, press again to switch off.
Operation

Playing a CDG

1. Connect the unit as described previously; if using a CD+G, it is recommended to connect to a TV (see page 5). Press the power ON/OFF button to turn the unit on.

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.

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

3. Repeatedly press the FUNCTION button to select the CDG mode; “--” will appear when searching the disc and then the total number of tracks will appear. When a CDG disc is inserted, the CDG indicator light will turn on.

4. Press the PLAY/PAUSE button to start playback; if listening to a CD+G file, the image and lyrics will appear on the TV screen (if connected) and the PLAY/PAUSE indicator light will turn on.
5 Adjust the volume to a comfortable level using the **MASTER VOLUME** control.

6 Connect microphone(s) as shown on page 5, and slide the **ON/OFF** switch on the microphone to the ON position.

7 Adjust the **MIC VOLUME** control as desired. Increasing this control will increase the volume of both microphones.

8 Rotate the **ECHO** control to add an echo effect to your voice. Rotate towards **MAX** to increase the echo effect.

9 **AUTO VOICE CONTROL** can be activated by rotating the **AVC** control. The higher this control is set to, the more the vocals on the multiplex recording will be muted when the singer starts to sing through the microphone. When the singer stops singing, the recorded vocals on the multiplex recording will resume to normal.

10 Rotate the **BALANCE** control clockwise to hear the music and recorded vocals from a multiplex recording or counterclockwise to hear the music only from a multiplex recording.

**Note:** To use the **BALANCE** control, a CD+G disc must be used, otherwise it will operate as a standard Balance control.
11 **SKIP:** Advance or go back one track by pressing the Skip ⏯️/Skip ► buttons.

12 **REPEAT:** During playback, press the PROGRAM/REPEAT button once to repeatedly play the selected song; the REPEAT indicator will blink. Press the PROGRAM/REPEAT 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 turns off.

13 **PROGRAM:** You can program up to 20 tracks on any disc for playback in any desired order. While in the Stop mode, press the PROGRAM/REPEAT button; the PROGRAM indicator will blink and “00” will appear. Select the first track using the Skip ⏯️/Skip ► buttons. Press the PROGRAM/REPEAT button again to confirm the entry. After selecting the desired tracks the display will show 01, 02, etc. recognizing the tracks selected have been programmed and the PROGRAM indicator will illuminate solid red. Repeat to set up to 20 tracks into memory. When done, press the PLAY/PAUSE button to start playback.

**Note:**
- Press the STOP button TWICE to stop and clear the program.
Operation

Playing a CDG (Continued)

14  **PAUSE**: During playback, if you wish to pause the disc momentarily, press the **PLAY/PAUSE** button; the PLAY/PAUSE indicator will blink. Press again to resume normal playback.

15  Press the **STOP** button to stop playback.

16  Press the power **ON/OFF** button to turn the unit off.
Operation

Using a Bluetooth Device

1. Connect the unit as described previously. Press the power ON/OFF button to turn the unit on.

2. Repeatedly press the FUNCTION button to select the Bluetooth mode; “bt” will blink in the display as the unit automatically searches for and pairs a previously paired Bluetooth device (if previously paired). If no previously paired devices are present, connect as shown in the next step.
   
   Note: You can also press and hold the PLAY/PAUSE/PAIR button to disconnect any paired devices in order to pair another device.

3. Turn on 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.

4. The “bt” will light solid in the display. The Bluetooth indicator will light and a successful pairing sound will be heard.

   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.
   
   • “Bluetooth” will blink on TV screen, and will stop blinking after successful connection.
Operation
Using a Bluetooth Device (Continued)

5 To control your Bluetooth device from this unit, press the PLAY/PAUSE button to start playback. Press the PLAY/PAUSE button during playback to pause the song.

6 Adjust the volume to a comfortable level using the MASTER VOLUME control on this unit as well as the volume on your Bluetooth device.

7 Connect microphone(s) as shown on page 5, and slide the ON/OFF switch on the microphone to the ON position.

8 Adjust the MIC VOLUME control as desired. Increasing this control will increase the volume of both microphones.

9 Rotate the ECHO control to add an echo effect to your voice. Rotate towards MAX to increase the echo effect.

10 Adjust the balance between the speakers using the BALANCE control.

11 SKIP: Advance or go back one track by pressing the Skip ◀/ Skip ▶ buttons.

12 Press the power ON/OFF button to turn the unit off.
Operation

Using the AUX IN Jack

1. Connect the unit as described previously. Press the power ON/OFF button to turn the unit on.

2. Repeatedly press the FUNCTION button to select the AUX IN mode; “AU” will appear on the display.

3. Connect the external unit to the AUX IN Jack on the front 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 on this unit when using an external device.

4. Adjust the volume using the MASTER VOLUME control on this unit or your external device’s volume control.

5. Connect microphone(s) as shown on page 5. Slide the ON/OFF switch on the microphone to the ON position.
Operation

Using the AUX IN Jack (Continued)

6 Adjust the **MIC VOLUME** control as desired. Increasing this control will increase the volume of both microphones.

7 Rotate the **ECHO** control to add an echo effect to your voice. Rotate towards MAX to increase the echo effect.

8 Adjust the balance between the speakers using the **BALANCE** control.

9 Press the power **ON/OFF** button to turn the unit off.
Troubleshooting Guide

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

No Power
• Power is not on; press the power **ON/OFF** button to turn power on.
• Confirm that the AC adapter is connected securely to the back of the unit.
• Connect the unit to a different outlet.

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 5.
• 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 AUX 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 **ON/OFF** switch on the microphone is set to the ON position.
• Make sure the **MIC VOLUME** setting is not set too low.
• **MASTER VOLUME** is set to minimum; raise volume.
• Adjust The **Echo** control past the mid point on the Singing Machine.

The Bluetooth device cannot be paired or connected with the unit
• You have not activated the Bluetooth function of your device; see page 15 or refer to the Bluetooth device user’s manual.
• The system is not in pairing mode; press the **Pair** 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 (MAXIMUM)........................................................................................................... 2 Watts (RMS)
OUTPUT IMPEDANCE....................................................................................................................... 8 Ohms

**CD PLAYER SECTION**
FREQUENCY RESPONSE.................................................................................................................. 100Hz - 20kHz
SIGNAL-TO-NOISE RATIO.................................................................................................................. 50dB
NUMBER OF PROGRAMS.................................................................................................................... 20 Step Random Access Programming
SAMPLING SYSTEM.......................................................................................................................... 8 Times Over Sampling

**BLUETOOTH**
Bluetooth Version............................................................................................................................... V2.1+EDR
Working Distance........................................................................................................................... Up to 30 feet/10 meters measured in open space

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

**POWER SECTION** DC 12V — — 1A (8 x “C” Batteries) (Batteries not included)
**DIMENSIONS (HxWxD)**.................................................. 13.3 x 12.0 x 6.1 inches / 36.6 x 33.6 x 18.1 cm
**WEIGHT**........................................................................................................................................... 4.0 lbs / 1.82 kgs

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

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