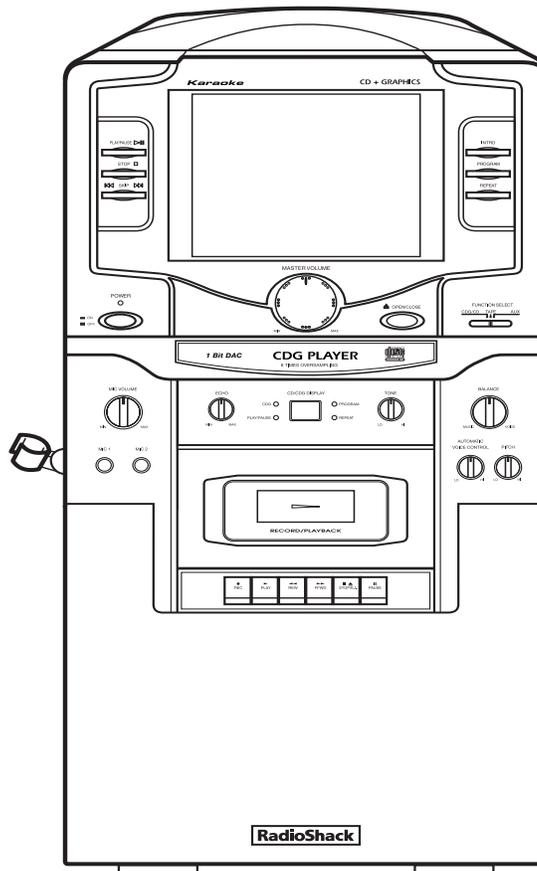


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! IMPORTANT !

If an icon appears at the end of a paragraph, go to the box on that page with the corresponding icon for pertinent information.

⚠ — Warning
 ⚡ — Caution

! — Important
 💡 — Hint

📄 — Note

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⚠ WARNING ⚠

- This system 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.

⚠ CAUTION ⚠

- This compact disc player is classified as a CLASS 1 LASER product, and the CLASS 1 LASER PRODUCT label is located on the rear panel.
- Invisible laser radiation when open and inter locks defeated. Avoid exposure to beam.

📄 NOTE 📄

Most material on compact discs and prerecorded tapes is copyrighted. Unauthorized duplication of copyrighted material is a violation of the copyright laws of most countries and such duplication may result in fines and/or imprisonment. Note, however, that in the United States, it is not a violation of U.S. copyright laws for a consumer to use an audio recording device to duplicate personally-owned musical recordings for noncommercial (personal) use.

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

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.</p>		



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.

The graphical symbols with supplemental markings are located on the back of the product.

This CD player is made and tested to meet exacting safety standards. It meets FCC requirements and complies with safety performance standards of the U.S. Department of Health and Human Services.   

THE FCC WANTS YOU TO KNOW

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.

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 instructions should be adhered to.

4. **Follow Instructions** — All operating and use instructions should be followed.
5. **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).
6. **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 or the manufacturer's instructions have been adhered to.
7. **Heat** — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
8. **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.
9. **Attachments** — Do not use attachments not recommended by the product manufacturer as they may cause hazards.
10. **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.

A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.



11. **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.
12. **Power Lines** — An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
13. **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.
14. **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) If 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 often 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 any way, and f) When the product exhibits a distinct change in performance — this indicates a need for service.
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 into 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. **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.

18. **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.
19. **Wall or Ceiling Mounting** — The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
20. **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 instructions.
21. **Cleaning** — Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
22. **Grounding or Polarization** — 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.
23. **Outdoor Antenna Grounding** — *If an outside antenna or cable system is connected to the product*, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

FEATURES

This unit is designed to play CD's bearing the  logo. If CD's do not conform to the CD standard, they may not play properly.

Your RadioShack CDG Karaoke System is one of the most versatile karaoke systems available. It lets you be the “star” as you sing along with your favorite recordings on a CD, CDG (a compact disc with a graphic track), or cassette tape, and hear your voice with the music through the powerful built-in speaker.

The karaoke system's CDG capability is the latest advancement in karaoke technology. Its built-in 7-inch monitor lets you read the lyrics.

You can sing along without video graphics using special karaoke audio cassette tapes (not supplied) and the CD disks (such as the supplied CDG demo disk) that let you balance the volume of the original singer's voice and the music tracks. Or, you can sing along with a regular pre-recorded cassette tape or CD (not supplied).

You can also connect another audio source to the karaoke system, such as a stereo VCR, and play a karaoke video cassette (not supplied).

CDG/CD Player — play regular or karaoke CDs, or special CDGs, so you can experience digital images. Plus, the player's 1-bit D/A converter and 8 times oversampling produce high quality sound.

8-Watt Output Power — sing along and listen through one of the biggest amps offered in a karaoke system, including a 5" full range speaker and a 2" tweeter.

Cassette Deck — plays cassette tapes.

Auto-Stop — automatically stops a tape when it finishes playing or recording to protect the tape and tape-handling parts.

Automatic Search — quickly locate and play any track on the loaded CDG/CD.

Audible Search — quickly locate a particular section of track while playing a CD.

Supplied CDG Disc — lets you sing along with the music and adjust the volume of the pre-recorded voice and music.

Recording — record your voice as you sing along with a CDG/CD or an external audio source connected to the system.

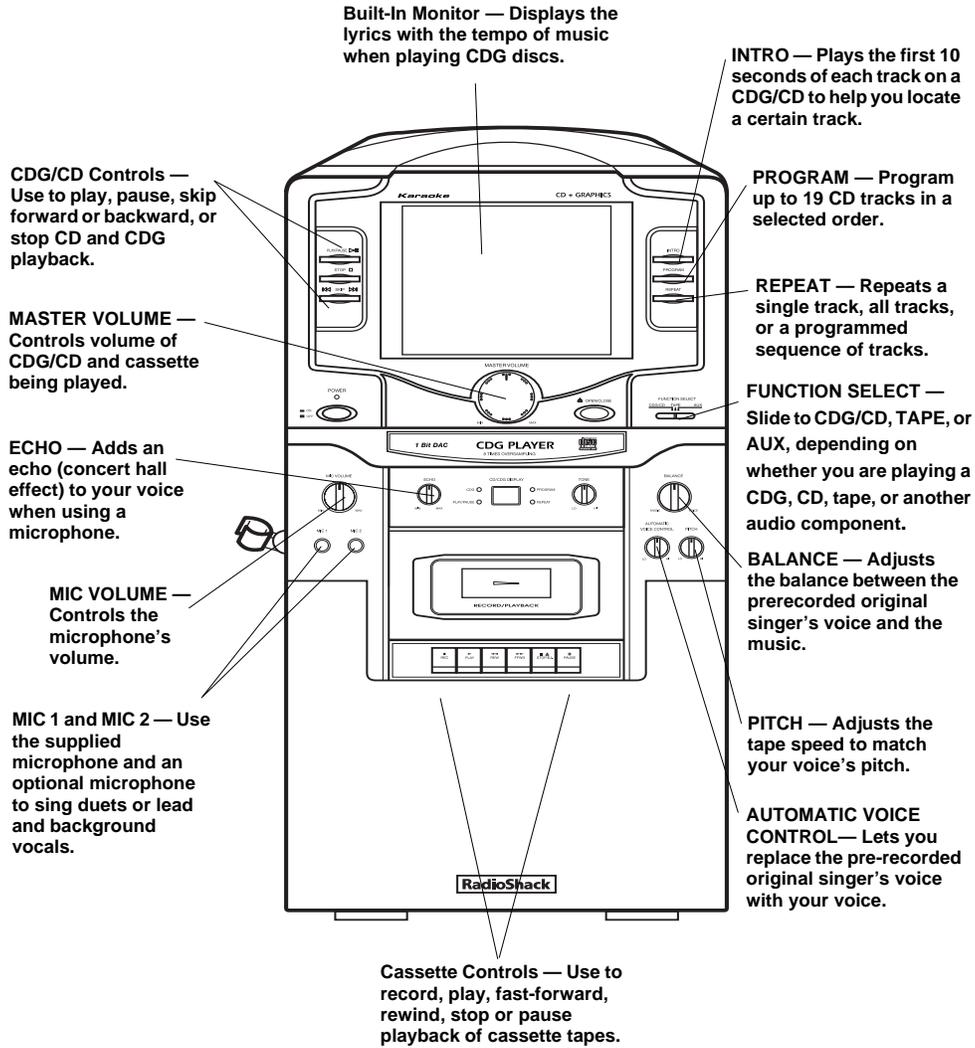
Built-In Speaker — share the music with your family or friends.

 **NOTE** 

Additional karaoke CDs, audio cassettes, and video cassettes are available at your local RadioShack store or online at www.radioshack.com.

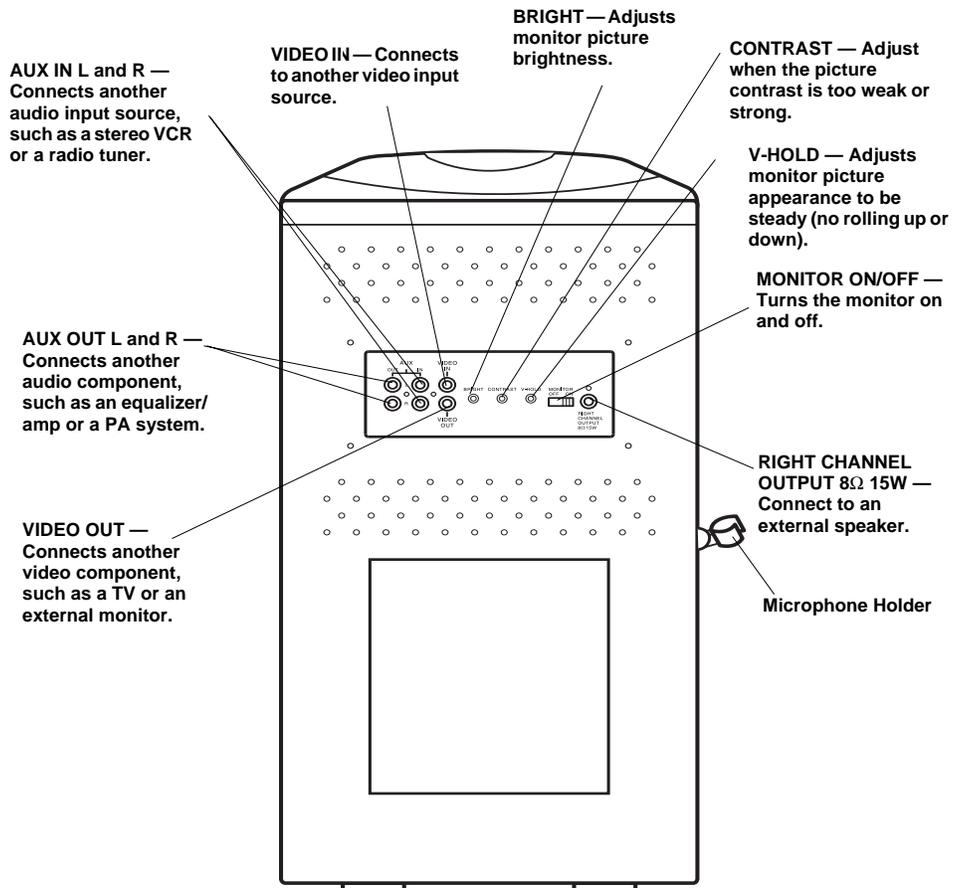
Plus, your karaoke system can be used as a PA system for speaking at parties or other small gatherings.

A QUICK LOOK AT YOUR SYSTEM



A Quick Look at Your System

Front View



Rear View

CONNECTIONS

CONNECTING MICROPHONES

The system has two microphone jacks, **MIC 1** and **MIC 2**. Use the supplied microphone to sing along with your favorite recordings, and connect an optional microphone (not supplied) for duets or lead and background vocals. For the best performance, the additional microphone should be a unidirectional 600-ohm dynamic microphone with a 1/4-inch (6.35-mm) plug and an ON/OFF switch. Your local RadioShack store has a wide selection of microphones. ⚠

1. Set **MASTER VOLUME** to **MIN**.
2. If you are connecting only one microphone, plug it into **MIC 1**.

If you are connecting a second microphone, plug it into **MIC 2**.
3. To store the microphone, pull down the built-in microphone holder and place the microphone in the holder's grip.

When a microphone is plugged into **MIC 1** or **MIC 2**, the system mixes the microphone output with recorded music from cassette tapes, CDs, or CDGs.

CONNECTING AN OPTIONAL AUDIO COMPONENT

To sing along with music from an optional component (such as a tuner, A/V receiver, or VCR), connect the component's audio output jacks to the system's **AUX IN R** and **L** jacks.

To hear your voice and music from the system through an optional component (such as equalizer/booster or PA system), connect the component's audio input jacks to the system's **AUX OUT R** and **L** jacks.

CONNECTING AN OPTIONAL VIDEO COMPONENT

To see images on the karaoke screen from an optional video component (such as a VCR or DVD player), plug one end of the supplied cable into **VIDEO IN** and the other end into the video component's video output jack.

⚠ WARNING ⚠

To avoid electrical shock, do not connect the system to AC power until all other connections are complete.

NOTE

- If your television or optional monitor does not have the required video input/output jack, you might need a radio frequency modulator (not supplied).
- You must change your TV or optional monitor's source selection to AUX IN or VIDEO IN when connecting your karaoke system to an AUX IN or VIDEO IN. Refer to your TV or optional monitor's instructions manual for details.

To see the words from a CDG on a TV or optional monitor, plug one end of the supplied yellow RCA cable into **VIDEO OUT** and the other end into your TV or monitor's video input jack. You can only view video from the karaoke system on the connected TV; you cannot view video from another optional video component.

CONNECTING TO POWER

When you have made all other connections, plug your system's power cord into a standard AC outlet.

CONNECTING AN EXTERNAL SPEAKER

If you want to connect an external speaker (not supplied), connect a speaker to the **RIGHT CHANNEL OUTPUT 8Ω 15W** jack on the back of the system. The external speaker should have an impedance no less than 8 ohms and be able to handle 15 watts.

CONNECTING A STEREO VCR

Connect a stereo VCR's left and right audio output (AUX OUT) to the system's **AUX IN L** and **R** jacks.

Connect a VCR's video out to the Karaoke's **VIDEO IN** jack.

SINGING ALONG

1. Press **POWER** to turn on the system. The **POWER** indicator lights.
2. If you play a CDG or CD, slide **FUNCTION SELECT** to **CDG/CD**.

If you play a cassette tape, slide **FUNCTION SELECT** to **TAPE**.

If you connect an optional audio component, slide **FUNCTION SELECT** to **AUX**.

WITH A CDG/CD OR CASSETTE TAPE

1. Plug a microphone into **MIC 1** or **MIC 2**.
2. Press **POWER** to turn on the system. The **POWER** indicator lights.
3. Load a CDG/CD in the CD compartment or a cassette tape in the cassette compartment. If you play a CDG, turn on the monitor by sliding **MONITOR** on the back of the system to **ON**. The monitor automatically displays words.
4. Turn **BRIGHT**, **CONTRAST**, and **V-HOLD** on the back of the system to adjust the picture as necessary.
5. Slide **FUNCTION SELECT** to **CDG/CD** or **TAPE**.
6. Press **PLAY/PAUSE**  or **▶PLAY**.
7. Adjust **MASTER VOLUME** to the desired level.
8. Slide the microphone's **ON/OFF** switch to **ON** and rotate **MIC VOLUME** to adjust its volume.
9. Speak or sing into the microphone, while adjusting **ECHO** for the desired voice effects.
10. Adjust **TONE** for the desired effects.
11. *If you are playing a tape*, rotate **PITCH** so the pitch of music matches your voice.

If you are using a karaoke cassette tape or CDG/CD, rotate **AUTO VOICE CONTROL** so that the prerecorded voice is replaced with your voice.

*Also rotate **BALANCE** to adjust the levels between the prerecorded singer's voice and the music. Rotate **BALANCE** toward **MUSIC** to hear the music, or toward **VOICE** to hear the prerecorded singer's voice.* 
12. Press **STOP**  to stop playing the CDG/CD. Then press **▲ OPEN/CLOSE** to open the compartment door and remove the CDG/CD.

Press **■/▲ STOP/EJ.** to stop playing a tape. Press **■/▲ STOP/EJ.** again to open the compartment door and remove the cassette tape.
13. Slide the microphone's **ON/OFF** switch to **OFF**, and slide **MONITOR ON/OFF** on the back of the system to **OFF**.
14. Press **POWER** to turn off the system.

NOTE

AUTO VOICE CONTROL and **BALANCE** have no effect on a regular (non-karaoke) pre-recorded cassette tape.

WITH AN OPTIONAL AUDIO COMPONENT

1. If you are connecting only one microphone, plug it into **MIC 1**.

If you are connecting a second microphone, plug it into **MIC 2**.
2. Press **POWER** to turn on the system. The **POWER** indicator lights.
3. Slide **MONITOR ON/OFF** on the back of the system to **ON**.
4. Turn **BRIGHT**, **CONTRAST**, and **V-HOLD** on the back of the system to adjust the picture as necessary.
5. Slide **FUNCTION SELECT** to **AUX**.
6. Turn on the audio component. If you are using a VCR, load and play a video cassette.
7. Rotate **MASTER VOLUME** to the desired level.
8. To hear your voice with the music, slide the microphone's **ON/OFF** to **ON** and rotate **MIC VOLUME** to adjust its volume.
9. Speak or sing into the microphone. If needed, rotate **ECHO** to get desired voice effects.
10. Rotate **TONE** to the desired setting.
11. When you finish singing, slide **ON/OFF** on the microphone to **OFF**.
12. Slide **MONITOR ON/OFF** on the back of the system to **OFF**.
13. Press **POWER** to turn off the system, then turn off the audio component.

CDG OR CD OPERATION

PLAYING A CDG OR CD

1. Press **POWER** to turn on the system. The power indicator lights.
2. Slide **FUNCTION SELECT** to **CDG/CD**.

3. If you are playing a CDG, slide **MONITOR** on the back of the system to **ON**.
4. Press **▲ OPEN/CLOSE** to open the CDG/CD door.
5. Place a CDG/CD in the compartment tray over the center hub, label side up.
6. Press **▲ OPEN/CLOSE** again to close the CDG/CD compartment. **00** then the CDG/CD's total number of tracks appear on the CDG/CD DISPLAY.
7. Press **▶ PLAY/PAUSE ▷**. The PLAY/PAUSE indicator lights and the CDG/CD begins to play track 1. The CDG indicator lights when a CDG is playing, and the words to the song appear on the monitor.
8. Adjust **MASTER VOLUME** and **TONE** to the desired level.
9. To temporarily stop play, press **▶ PLAY/PAUSE ▷**. The PLAY/PAUSE indicator flashes. To resume play, press **▶ PLAY/PAUSE ▷** again.
10. The system automatically stops play at the end of the CDG/CD's last track. To stop it sooner, press **STOP**.

Skipping Tracks

You can skip up or down to the desired track by pressing **SKIP ◀** or **▶**. To play the selected track, press **▶ PLAY/PAUSE ▷**.

Search Play (For CD Only)

Hold down **SKIP ◀** or **▶** to search rapidly forward or backward during play. The CD plays rapidly and you hear the sound at a high speed.

Repeat Play

To repeat the current track while a CD is playing, press **REPEAT** once, the REPEAT indicator flashes. To cancel repeat, press **REPEAT** twice. The REPEAT indicator turns off.

To repeat all the tracks while a CD is playing, press **REPEAT** twice, the REPEAT indicator turns on.

To cancel repeat, press **REPEAT** again, the REPEAT indicator turns off.

Intro Scan

You can set the system to play the first 10 seconds of each track so you can quickly find the one you want.

NOTE

Do not apply excessive force to the CDG/CD door, or press the door while a CDG/CD is playing.

NOTE

Intro Scan

- To exit intro scan, you must press **INTRO** again, open the CD compartment, or turn off the karaoke system.
- You can use repeat play during intro scan.

Program Play

- You can program up to 19 tracks. When the 19th track is programmed, **--** flashes and you cannot program more tracks.
- You can use intro scan and repeat play during program play.

To start intro scan from the first track, press **PLAY/PAUSE** . Then press **INTRO** when the disk is stopped.

To start intro scan while a CD is playing, press **INTRO** during the first 10 seconds of play to start intro scan from the current track. Press **INTRO** after the first 10 seconds of play to start intro scan at the beginning of the next track.

The system stops after the last track is scanned. Press **INTRO** to exit intro scan. To stop scanning while a CD is playing, press **INTRO** and the system resumes normal play with the current track. 

PROGRAM PLAY

You can program the CDG/CD player to play up to 19 tracks in any order you choose. You can program the same track to play more than once.

1. Press **STOP** . The **PLAY/PAUSE** indicator turns off.
2. Press **PROGRAM**. The **PROGRAM** indicator and **0** flash.
3. Press **SKIP**  or  to select the desired track. The selected track number and the **PROGRAM** indicator flash.
4. Press **PROGRAM** to store the selected track, the **PROGRAM** indicator and **0** continue flashing.
5. Repeat Steps 3 and 4 to program up to 19 tracks. 
6. Press **PLAY/PAUSE**  to play the programmed tracks. The first track number you selected appears on the display and the **PROGRAM** indicator continues to flash.
7. Program play automatically stops at the end of the last programmed track. To stop program play sooner, press **STOP** . If you press **STOP**  during programming, you exit the programming mode, and all programmed tracks are lost.

Reviewing/Replacing a Programmed Sequence

1. While play is stopped, repeatedly press **PROGRAM** to review the programmed track numbers.
2. To replace a programmed track, repeatedly press **PROGRAM** until the desired programmed track number flashes. The **PROGRAM** indicator continues to flash.

3. Repeatedly press **SKIP** ◀◀ or ▶▶ to select the desired track, then press **PROGRAM** to store the track. The next programmed track number automatically appears and flashes. 💡

Erasing a Programmed Sequence

To erase a programmed sequence, press **OPEN/CLOSE** or **STOP** before or after programmed play, press **POWER**, or change the selected function.

CASSETTE DECK OPERATION

1. Press **■/▲ STOP/EJ.** to open the cassette compartment door.
2. Insert a cassette with the exposed tape down and the desired side facing you. Avoid touching the tape.
3. Push the cassette compartment door closed until it clicks shut.
4. Press **POWER** to turn on the system. The **POWER** indicator lights.
5. Slide **FUNCTION SELECT** to **TAPE**.
6. Press **PLAY ▶**.
7. Rotate **MASTER VOLUME** and **TONE** to suit your listening preferences.
8. When the tape reaches its end, the cassette deck automatically stops and **PLAY** releases. Press **■/▲ STOP/EJ.** to stop play sooner.
9. Press **■/▲ STOP/EJ.** again to open the cassette compartment, then remove the cassette tape. ✂

RECORDING YOUR VOICE WITH MUSIC

1. Connect a microphone. See “Connecting Microphones” on Page 9.
2. Load a blank audio cassette in the cassette deck.
3. Slide **FUNCTION SELECT** to **CDG/CD** for a CDG/CD or **AUX** for an optional audio component.
4. If you are recording with a CDG or CD, follow the steps in “Playing a CDG or CD” on Page 12 . See “With an Optional Audio Component” on Page 12 if you are recording from another audio component.



HINT

CDG/CD Care Tips

Even though a compact disc is durable, treat the CD surface with care.

- Do not write on either side of the CD, particularly the non-label side (signals are read from the non-label side).
- Do not store CDs in high temperature or high humidity areas. They might warp.
- Keep CDs dry. A water drop can act as a lens and affect the laser beam's focus.
- Always handle a CD by the edges to avoid fingerprints and always keep it in its protective case or sleeve when it is not in use. Fingerprints and scratches on the CD's surface can prevent the laser beam from correctly reading the digital information. If the CD gets scratched, use RadioShack Scratch 'n Fix to repair the disc.



NOTE

- Use only normal bias tapes in the cassette deck. Metal or high-bias type tapes are not recommended.
- To temporarily stop play, press **PAUSE ||**. Press **PAUSE ||** again to resume play.
- To rapidly wind the tape forward or backward, press **▶▶ FFWD** or **◀◀ REW**. Press **■/▲ STOP/EJ.** when you reach the desired section.
- To record, press **● REC**. When **● REC** is pressed, **▶▶ PLAY** automatically is pressed. Press **■/▲ STOP/EJ.** to stop recording.



Restoring Tape Tension and Sound Quality

After you play a cassette tape several times, the tape might become tightly wound on the reels. This can cause playback sound quality to deteriorate.

To restore the sound quality, fast-forward the tape from the beginning to the end of one side, then completely rewind it. Then loosen the tape reels by gently tapping each edge of the cassette on a flat surface.

Erasing Tapes

To record over a cassette tape, simply record as usual. The cassette deck records over the previous recording.

You can quickly erase both sides of a cassette tape using a RadioShack bulk tape eraser.

Preventing Accidental Erasure

Cassette tapes have two erase-protection tabs — one for each side. When a tab is in place, you can record on that side.

To prevent accidental erasure of a tape recording, use a screwdriver to remove one or both of the cassette tape's erase-protection tabs. This prevents **•REC** from being pressed.

If you later decide to record on a tape side after you have removed the erase-protection tab, place a piece of strong plastic tape over that side's erase-protection hole. Be sure you cover only the hole originally covered by the erase-protection tab



- Be careful not to damage the cassette when tapping it. Do not touch the exposed tape or allow any sharp objects near the cassette. *(Continued)*

5. To record your voice with a CDG/CD, repeatedly press **SKIP** or until the desired track number appears.

To record your voice with music from an optional audio component, turn on the optional component.

6. Press **PLAY/PAUSE** , then press **•REC**. The tape deck records your voice along with the sound from the CDG/CD or the optional audio component.

TROUBLESHOOTING

Problem	Possible Cause	Solution
The karaoke system does not work.	No power.	Make sure the power plug is inserted into the AC outlet.
CD PLAYER does not work.	Disc is not inserted correctly.	Make sure disc is inserted correctly.
	Incorrect function is selected (CDG/CD).	Slide FUNCTION SELECT to the correct setting.
Moisture has formed inside the CD deck.	Humidity is high.	Wait about 20 to 30 minutes to let it dry.
No song lyrics appear on screen.	Incorrect function is selected (CDG/CD).	Slide FUNCTION SELECT to CDG/CD . Slide MONITOR ON/OFF to ON .
	Monitor is off.	
Picture is jumping up.	V. hold not tuned.	Adjust the V. hold knob.
CD only plays first 10 seconds of track.	Intro scan function is turned on.	Press INTRO to turn off intro scan.

CARE

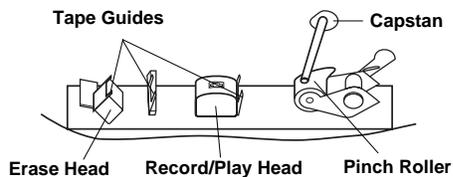
Keep the system dry; if it gets wet, wipe it dry immediately. Use and store the system only in normal temperature environments. Handle the system carefully; do not drop it. Keep the system away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the system's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your system is not performing as it should, take it to your local RadioShack store for assistance.

CLEANING THE TAPE-HANDLING PARTS

Dirt, dust or particles of the tape's coating can accumulate on the tape heads and other parts that the tape touches. This can greatly reduce the performance of the cassette player. After every 20 hours of tape player operation, follow these steps to clean the tape-handling parts or use a RadioShack cassette deck cleaning kit.

1. Disconnect AC power.
2. Open the cassette compartment door and press **PLAY** to expose the tape-handling parts.
3. Use a cotton swab dipped in denatured alcohol or tape head cleaning solution to clean the tape guides, record/play head, erase head, pinch roller, and capstan.



4. When you finish cleaning, press **■/▲ STOP/EJ.** and close the cassette compartment door. Then reconnect power.

CAUTION

(Continued)

Removing the erase-protection tabs does not prevent a bulk eraser from erasing a cassette tape.

Care

SPECIFICATIONS

Audio Section:

Output Power (Maximum) 8 Watts
Output Impedance 8 Ω

CD Player Section:

Frequency Response 20 Hz to 20 KHz (± 3 dB)
Signal-to-Noise Ratio 65 dB
Wow and Flutter Immeasurable
D-A Conversion 1-Bit DAC
Number of Programs 20 Steps Random Access programming
Sampling System 8 Times Oversampling

Cassette Deck Section:

Wow and Flutter 0.35% (WRMS)
Frequency Response 125 Hz to 6.3 KHz (± 5 dB)
Tape Speed 4.75 cm/sec.
AC Input Power AC 120V/60 Hz
Dimensions (HxWxD) 22.5 x 11.8 x 10.5 Inches
(571.5 x 299.7 x 266.7 mm)
Weight 24.8 lbs
(11.3 kg)

Accessories: Pre-recorded Karaoke CD+G disc, AV Cable, Dynamic Microphone

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

OPTIONAL ACCESSORIES

Optional accessories, available at your local RadioShack store or at www.radioshack.com, include microphones, CD&G sets of musical hits, Karaoke cassettes, and extra speakers.

NOTES

Notes

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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