

Karaoke System

with CDG and Single Cassette

32-1171

OWNER'S MANUAL — Please read before using this equipment.

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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	! — Important
⚡ — Caution	💡 — Hint
📌 — Note	

PROGRAM — Press to program a sequence of tracks to play in a specified order.

SKIP/SEARCH

— Press to scroll forward or backward through tracks (**SKIP** for CD and CDG, **SEARCH** for CD only).

MIC VOLUME

— Adjusts the microphone volume.

MIC 1 and MIC 2

— Use the supplied microphone along with an optional microphone to sing duets, lead, or background vocals.

PLAY/PAUSE

Plays or pauses the CD player.

STOP — Stops CD player.

MASTER VOLUME

Adjusts the CDG and tape play volume.

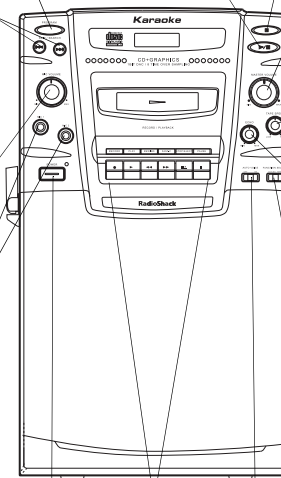
TAPE SPEED

Adjust tape play speed to match your voice pitch.

ECHO — Add echo to enrich your voice for a live concert hall effect.

FUNCTION SELECT

Slide to **CD/CDG** to use the CDG player, slide to **TAPE** to use the tape player functions.



Cassette Deck Buttons

POWER — Turns on and off the karaoke system power.

AUTO VOICE — Replace the original singer's voice with your voice when you sing along with a tape or CDG disc.

Thank you for purchasing the RadioShack Karaoke System with CDG and Single Cassette. It is a stylish, affordable karaoke system with a full array of great features. It lets you sing along with your favorite recordings on a CD, CDG (compact disc with a graphic track), or cassette tape, and hear your voice over the music through the powerful built-in speaker.



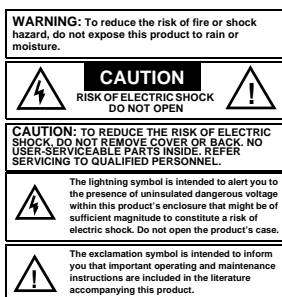
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The karaoke system lets you play CDs or CDGs. Connect the karaoke system to a TV or monitor and read the lyrics of your favorite tunes as they scroll in front of a still video background. Or, you can sing along without video, using a karaoke audio cassette. You can even sing along with your favorite pre-recorded cassette tapes and CDs! Plus, you can connect another audio component, such as an equalizer/booster or a PA system. Use your karaoke system as a portable PA system for speaking at parties or other gatherings — just plug in the microphone and turn on the power!

IMPORTANT SAFETY INSTRUCTIONS

Read Instructions — All the safety and operating instructions should be read before the product is operated.

Retain Instructions — The safety and operating instructions should be retained for future reference.

Heed Warnings — All warnings on the product and in the operating instructions should be adhered to.

Follow Instructions — All operating and use instructions should be followed.

Cleaning — Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Attachments — Do not use attachments not recommended by the product manufacturer as they may cause hazards.

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).

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 appliance and cart combination to overturn.

Ventilation — Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the product, and to protect it from overheating. 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.

Power Sources — This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instruction.

Grounding or Polarization — This product may be equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

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 points where they exit from the product.

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.

Overloading — Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

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.

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.

Damage Requiring Service — Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged,
- If liquid has been spilled, or objects have fallen into the product,
- If the product has been exposed to rain or water,
- 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,
- If the product has been dropped or damaged in any way, and
- When the product exhibits a distinct change in performance – this indicates a need for service.

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.

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.


Wall or Ceiling Mounting — The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

Heat — The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

CONNECTIONS

CONNECTING MICROPHONES

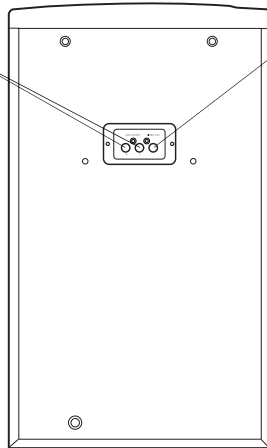
The system has two microphone jacks, so you can use the supplied microphone to sing along with your favorite

recordings, and connect an optional microphone (not supplied, available at your local RadioShack store) for duets, lead, or background vocals. For the best performance, the microphone should be a unidirectional 600-ohm dynamic type with a 1/4-inch (6.35-mm) plug and an ON/OFF switch. 

Before connecting a microphone, set **MIC VOLUME** to **MIN**. Plug a single microphone into **MIC 1**. If you add a second microphone, plug it into **MIC 2**. To store the microphone, pull down the built-in microphone holder on the right side of the system and place the microphone in the holder's grip.

CONNECTING A TV

AUX OUTPUT R and L— Lets you connect the karaoke system to another audio component.




VIDEO OUT— Lets you connect your karaoke system to a TV.

To see the words from a karaoke video cassette or CD/CDG on a TV or monitor, plug one end of the supplied cable into the karaoke system's **VIDEO OUT** jack and the other end into your TV or monitor's VIDEO IN jack.

CONNECTING AN AUDIO COMPONENT

To hear your voice and music from the system through an optional audio component, connect the system's **AUX OUTPUT R and L** jacks to the component's audio input jacks.

CONNECTING TO POWER

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

CAUTION

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

CAUTION

The supplied power cord has a polarized plug that fits into the outlet only one way. If the plug does not fit properly, turn it over and try again. Do not force it.

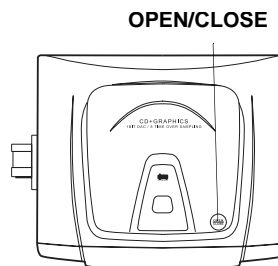
NOTE

CD/CDG Player Operation

- See "Recording Your Voice With Music" on Page 8 for instructions on how to record your voice with a tape or CD.
- To temporarily stop play, press **▶/II**. **II** and the track number appear. To resume play, press **▶/II** again.
- Do not apply excessive force to the CD/CDG door, or press the door while a CD/CDG is playing.
- Never place anything except a compact disc in the disc tray. Foreign objects can damage the player.
- Never place more than one disc in the disc tray at a time.

CD/CDG PLAYER OPERATION

1. Press **POWER** to turn on the system. The **POWER** indicator lights.
2. Slide **FUNCTION SELECT** to **CD/CDG**.
3. Press **OPEN/CLOSE** on the top of the system to open the CD/CDG compartment door.
4. Place a CD/CDG in the disc tray over the center hub, with the label facing up.
5. Press down on the compartment door to close it. **00** appears, then the CD/CDG's total number of tracks and play time appear.
6. Press **▶/II**. **▶** appears and the CD/CDG begins to play track 1.
7. The system automatically stops at the end of the CD/CDG's last track. To stop it sooner, press **■**.



SKIPPING TRACKS

While the disc is paused, you can skip backward or forward to the desired track by pressing **SKIP/SEARCH ◀◀** or **▶▶**. To play the selected track, press **▶/II**.

SEARCH PLAY

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


PROGRAM PLAY

You can program the CD/CDG player to play up to 20 tracks in any order you choose. Make sure the CD/CDG player is stopped before you begin programming tracks.

1. Press **PROGRAM**. **MEMORY** and **PROGRAM P: 01** appear.
2. Press **SKIP/SEARCH ◀◀** or **▶▶** to select the desired track.
3. Press **PROGRAM** to store the selected track. **MEMORY** and **PROGRAM P: 02** appear.

4. Repeat Steps 1–3 to program up to 20 tracks.
5. Press **▶/II** to play the stored tracks. The first stored track number appears and plays.
6. Program play automatically stops at the end of the last programmed track. To stop play sooner, press **■**.

REVIEWING/REPLACING A PROGRAMMED SEQUENCE

While play is stopped, repeatedly press **PROGRAM** to review the programmed sequence. 

To replace a programmed track, press **PROGRAM** until the track you want to replace appears. Press **SKIP/SEARCH ◀◀** or **▶▶** to select the desired track, then press **PROGRAM** to store the track. The old track is replaced by the newly programmed track.

ERASING A PROGRAMMED SEQUENCE

Do one of the following to erase a programmed sequence:

- Press **OPEN/CLOSE** before or after programmed play.
- Slide **FUNCTION SELECT** to **TAPE**.
- Press **POWER**.

CASSETTE DECK OPERATION

1. Press **STOP/EJECT ■/▲** 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. Close the cassette compartment door by pressing on it until it clicks shut.
4. Press **POWER**.
5. Slide **FUNCTION SELECT** to **TAPE**.
6. Press **PLAY ▶**.
7. Rotate **MASTER VOLUME** to suit your listening preference.
8. When the tape reaches its end, it automatically stops and **PLAY ▶** is released. Press **STOP/EJECT ■/▲** to stop play sooner.



NOTE

You cannot review a programmed sequence if programmed memory is full (20 tracks).

**NOTE****Cassette Deck Operation**

- To temporarily stop play, press **PAUSE** . Press **PAUSE** again to resume play.
- To rapidly wind the tape forward or backward, press **FAST-F** or **REWIND** . Press **STOP/EJECT** when you reach the desired section.

Recording Your Voice With Music

When you record, the tape speed is activated. Rotate **TAPE SPEED** to medium.

9. Press **STOP/EJECT** again to eject the tape.

KARAOKE OPERATION

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.

1. Press **POWER** to turn on the system. The **POWER** indicator lights.
2. Plug the supplied microphone into the **MIC 1** jack. Plug an additional microphone into the **MIC 2** jack, if desired.
3. Rotate **ECHO**, **TAPE SPEED**, and **MASTER VOLUME** to the desired levels.
4. To hear your voice with the music, set the microphone's **ON/OFF** switch to **ON**. Rotate **MIC VOLUME** to adjust your voice's volume.
5. To replace the prerecorded original singer's voice with your own, slide **AUTO VOICE** to **ON**.
6. When you are finished, slide the microphone's **ON/OFF** switch to **OFF**. Press **POWER** to turn off the system.


RECORDING YOUR VOICE WITH MUSIC

1. Load a blank audio cassette (or one you want to record over) in the cassette deck.
2. Follow Steps 1–5 in "CD/CDG Player Operation" on Page 6.
3. Slide **FUNCTION SELECT** to **CD/CDG** for a CD/CDG.
4. To record your voice with a CD/CDG, repeatedly press **SKIP/SEARCH** or until the desired track number appears.
5. Press , then press both **RECORD** and **PLAY** on the cassette deck at the same time. The tape deck records your voice along with the sound from the CD/CDG.

TROUBLESHOOTING

If your karaoke system is not working properly, the following suggestions might help.

Problem	Possible Cause	Solution
No power when the power is turned on.	No power plug connection at the AC outlet.	Insert the power plug into the AC outlet.
No sound.	<ul style="list-style-type: none"> • MASTER VOLUME or MIC VOLUME is set to the lowest setting. • The wrong function is selected. 	<ul style="list-style-type: none"> • Adjust MASTER VOLUME or MIC VOLUME. • Slide FUNCTION SELECT to the correct function.
Sound from an audio cassette tape is irregular or distorted.	<ul style="list-style-type: none"> • Dirty head or capstan. • Irregular cassette tape winding. 	<ul style="list-style-type: none"> • See "Cleaning the Tape-Handling Parts" on Page 11. • See "Restoring Tape Tension and Sound Quality" on Page 10.
Cannot record.	The erase-prevention tabs have been removed from the cassette.	See "Preventing Accidental Erasure" on Page 11.
CD skips or will not play.	<ul style="list-style-type: none"> • CD is inserted upside down. • CD is dirty. • CD is scratched. • Moisture has formed inside the CD deck. 	<ul style="list-style-type: none"> • Insert CD correctly. • Wipe clean with soft cloth. • Use a new CD. • Turn the CD player off and let it dry for 20 to 30 minutes.
No song lyrics appear on the screen.	<ul style="list-style-type: none"> • Video cable is not connected properly to the TV. • TV's source selector is not set to VIDEO. 	<ul style="list-style-type: none"> • Connect the video cable to VIDEO OUT and to the TV's VIDEO IN. • Use your TV's remote control to select VIDEO.

If you cannot find the problem, take your karaoke system to your local RadioShack store for assistance. 

THE FCC WANTS YOU TO KNOW

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of



NOTE

Care

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

Service and Repair

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

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, high-humidity locations. 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.

CAUTION

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

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 your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your karaoke system.


Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

You must use shielded interface cables with this equipment.

TAPE TIPS

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 **RECORD** 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.  

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/EJECT**   and close the cassette compartment door. Then reconnect power.

NOTE

If you use a metal or high-bias type tape, the recorded sound might not be erased properly.

CAUTION

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

CAUTION

You might permanently damage your speakers by cleaning them with a vacuum cleaner. Use a feather duster or a soft loose cloth instead.

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

12/99

SPECIFICATIONS

Power Output (Maximum)	8 Watts
Impedance Output.....	8 Ohms
Frequency Response (CD Player Section)	20 Hz to 20 KHz (± 6 dB)
Signal-to-Noise Ratio	40 to 60 dB
D/A Conversion	16 B/T DAC
Frequency Response (Cassette Deck Section) ...	125 Hz to 6.3 kHz (± 6 dB) 4.75 cm/sec.
AC Input Power	AC 120V 60Hz
Dimensions (HWD)	17 ¹⁵ / ₁₆ × 10 ⁵ / ₈ × 9 ¹ / ₄ Inches (455 × 270 × 235 mm)
Weight	20.5 lb (9.5 kg)
Included Accessories	Prerecorded Karaoke CD+G Disc, RCA Plug Cable, Dynamic Microphone

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

RadioShack Corporation
Fort Worth, Texas 76102

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