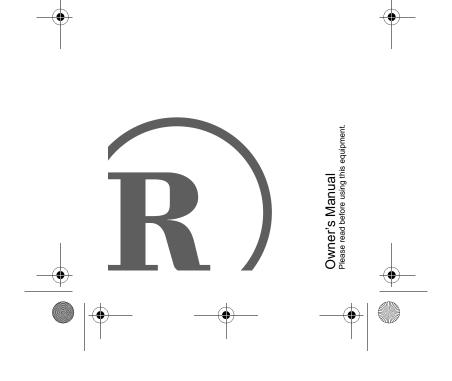
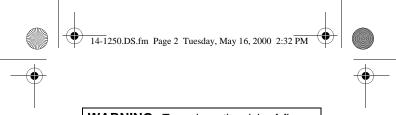


### **SCP-107**

**AM/FM Digital Tune Stereo Cassette Player** 





**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.



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICE-ABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.





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.

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2



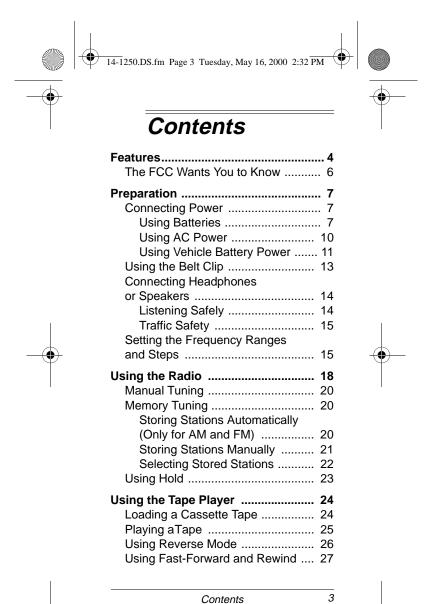


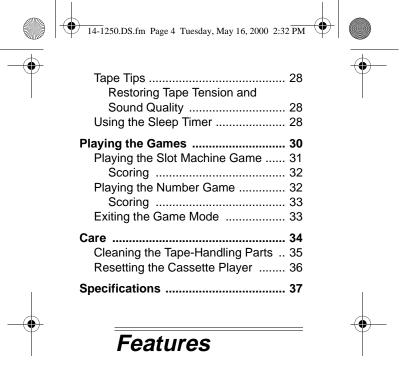






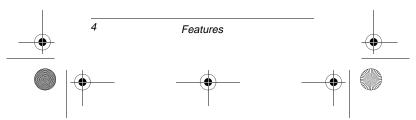


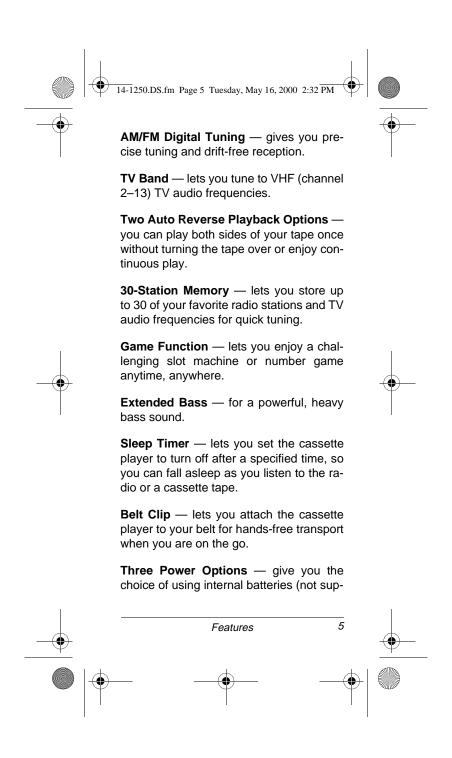


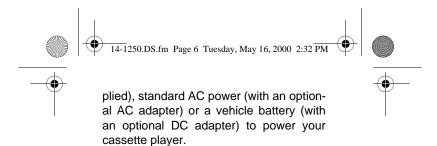


Your RadioShack Digital AM/FM Stereo Cassette Player delivers excellent stereo sound and is portable, so you can listen to cassette tapes or AM/FM radio almost anywhere.

Important: To listen to your cassette player, you need a pair of headphones or amplified speakers (not supplied) with a ½-inch (3.5 mm) mini-plug. Your local RadioShack store sells a wide variety of headphones and speakers.







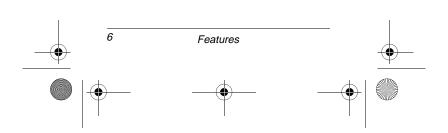
**Slim Design** — lets you carry the cassette player almost anywhere.

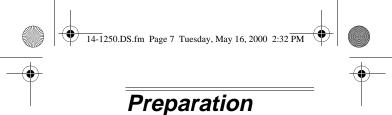
### THE FCC WANTS YOU TO KNOW

**Note:** Modifications or adjustments to this product which are not expressly approved by the manufacturer could void the user's authority to operate this product.



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.





#### **CONNECTING POWER**

You can power your cassette player from:

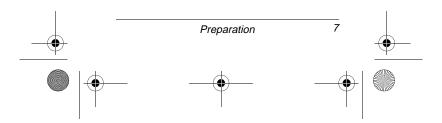
- internal batteries (not supplied)
- AC power (using an optional AC adapter)
- your vehicle's battery (using an optional DC adapter)

Note: Connecting an adapter automatically disconnects internal batteries.



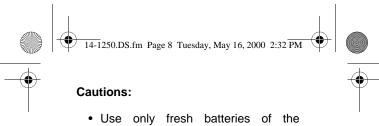
Your cassette player uses two AA batteries (not supplied) for power. For the best performance and longest life, we recommend RadioShack alkaline batteries.

You can also use rechargeable nickelcadmium batteries to power your cassette player. Use a battery charger (available at your local RadioShack store) to recharge nickel-cadmium batteries.



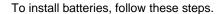






- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or rechargeable batteries of different capacities.

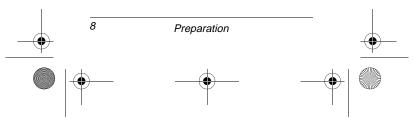
**Note:** While you replace the batteries, the cassette player retains the preset station frequencies you stored for about 1 minute. To prevent the frequencies from being erased, replace the batteries within 1 minute.



 Press down and pull the battery compartment cover in the direction of the arrow marked on the cover. Lift open the cover.

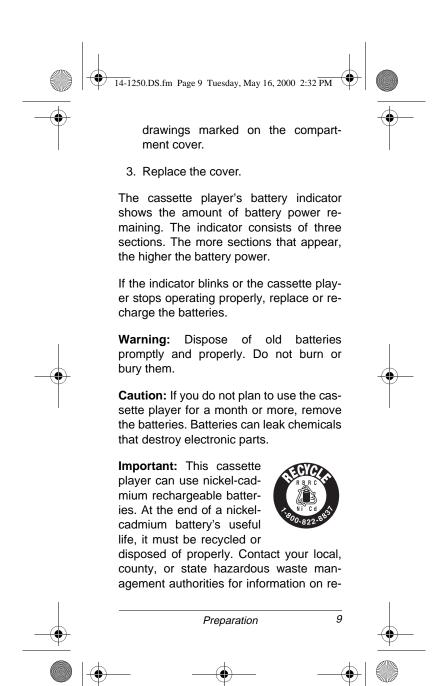
**Caution:** The battery compartment cover is hinged. Do not try to remove it.

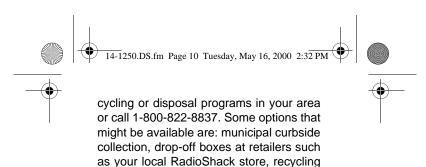
Place the batteries in the compartment as indicated by the polarity symbols (+ and –) and battery placement











#### **Using AC Power**

You can power the cassette player using a 3V, 250-mA regulated AC adapter and a size A Adaptaplug adapter (neither supplied). Both are available at your local RadioShack store.

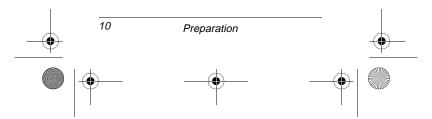
collection centers, and mail-back pro-

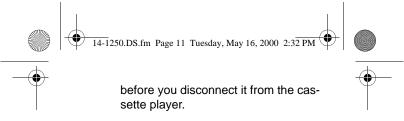


#### Cautions:

grams.

- You must use a Class 2 power source that supplies regulated 3V DC and delivers at least 250 mA. Its center tip must be set to positive, and its plug must fit the cassette player's DC 3V jack. Using an adapter that does not meet these specifications could damage the cassette player or the adapter.
- Always connect the AC adapter to the cassette player before you connect it to AC power. When you finish, disconnect the adapter from AC power





Follow these steps to connect the cassette player to AC power.

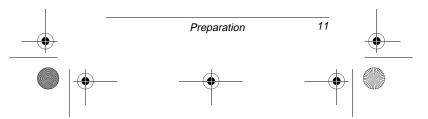
- 1. Set the adapter's voltage switch to 3V, if necessary.
- 2. Insert the Adaptaplug into the adapter's cord so it reads + TIP.
- 3. Insert the plug into the cassette player's **DC 3V** jack.
- 4. Plug the adapter into a standard AC outlet.

#### **Using Vehicle Battery Power**

You can power the cassette player from a vehicle's 12V power source (such as a cigarette-lighter socket) using a 3V, 250-mA regulated DC adapter and a size A Adaptaplug (neither supplied). Both are available at your local RadioShack store.

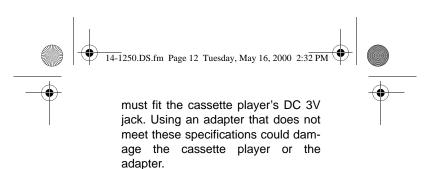
#### Cautions:

 You must use a power source that supplies regulated 3V DC and delivers at least 250 mA. Its center tip must be set to positive and its plug



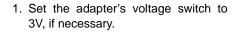


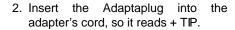




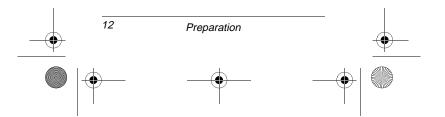
 Always plug the DC adapter to the cassette player before you connect it to the power source. When you finish, disconnect the adapter from the power source before you disconnect it from the cassette player.

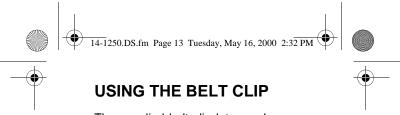
Follow these steps to power the cassette player from your vehicle's battery.





- 3. Insert the plug into the cassette player's **DC 3V** jack.
- 4. Plug the other end of the adapter into the vehicle's cigarette-lighter socket.

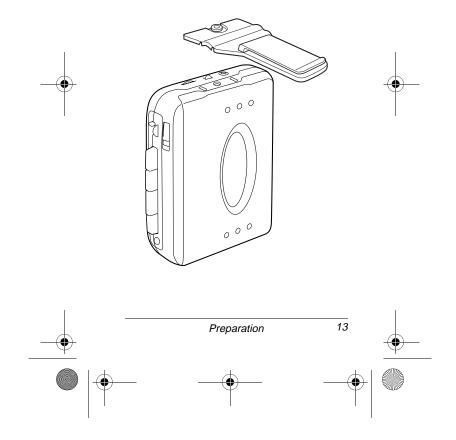


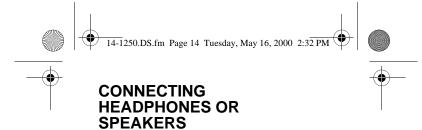


The supplied belt clip lets you keep your hands free while you listen to the cassette player.

Align the belt clip with the matching hole in the cassette player and turn the screw clockwise, then bend down the clip.

To remove the clip, turn the screw counterclockwise.



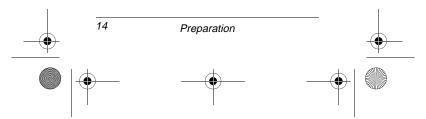


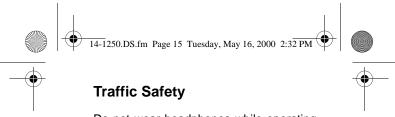
To connect your headphones or amplified speaker system (not supplied) to the cassette player, insert the headphones' or amplified speaker system's ¹/ø-inch (3.5 mm) mini-plug into the cassette player's headphone jack.

#### **Listening Safely**

Follow these guidelines to protect your hearing when you use headphones.

- Set the volume to the lowest setting before you begin listening. After you begin listening, adjust the volume to a comfortable level.
- Do not listen at extremely high volume levels. Extended high-volume listening can lead to permanent hearing loss.
- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

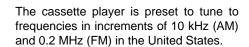




Do not wear headphones while operating a motor vehicle or riding a bicycle. This can create a traffic hazard and could be illegal in some areas.

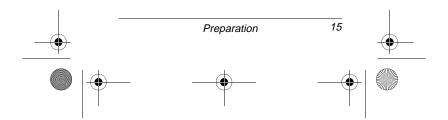
Even though some headphones let you hear some outside sounds when listening at normal volume levels, they still can present a traffic hazard.

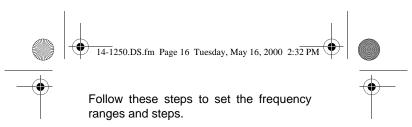
## SETTING THE FREQUENCY RANGES AND STEPS



In Europe and some other parts of the world, AM and FM frequencies are broadcast in increments of 9 kHz (AM) and 0.05 MHz (FM). In Japan, AM and FM frequencies are broadcast in increments of 9 kHz (AM) and 0.1 MHz (FM). For proper tuning, set the frequency steps for AM and FM based on your location.

**Note:** Changing the frequency ranges and steps erases all stored stations.

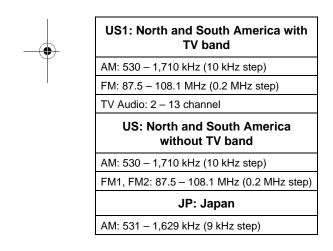


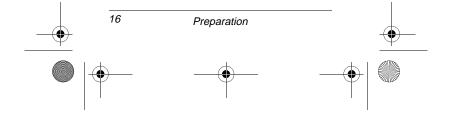


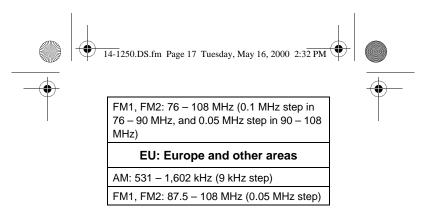
- 1. Press **RADIO ON/OFF BAND** to turn on the radio.
- 2. Hold down both **AUTO PRESET** and **UP** for 3 seconds.

The tuner settings cycle in the following sequence:

$$US1 - US - JP - EU - US1$$

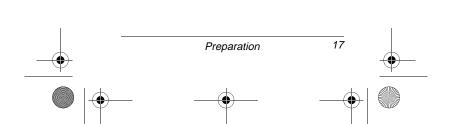


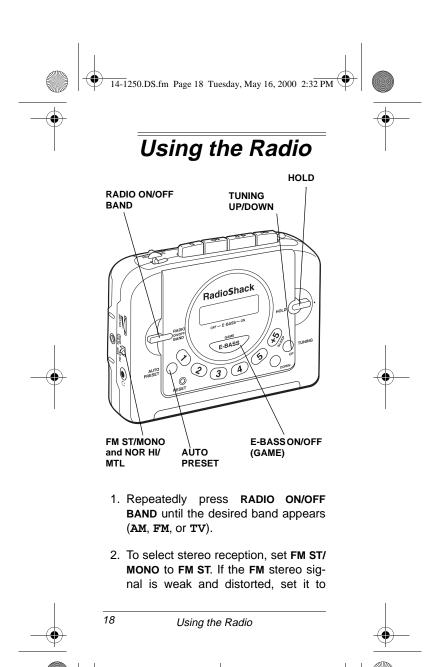


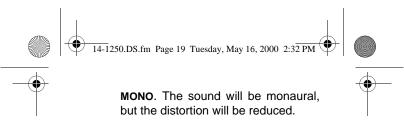


#### Notes:

- To return to the factory preset frequency range and step directly, hold down the TUNING UP and DOWN buttons simultaneously for 3 seconds.
- In the US, JP and EU settings, the tuner band will change to AM, FM1 and FM2. FM1 and FM2 store stations in the same frequency range, but in different (separate) memory locations.

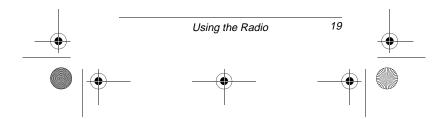




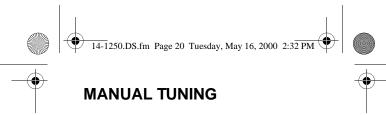


#### Notes:

- The AM antenna is built in. Position the cassette player for the best AM reception.
- For the best FM or TV reception, fully uncoil the headphones' or speakers' cord.
- 3. Use **TUNING UP** or **DOWN** to tune to the desired station using manual or memory tuning (see "Manual Tuning" on Page 20 or "Memory Tuning" on Page 20).
- 4. Adjust **VOLUME** to the desired listening level.
- To emphasize the bass sounds, press E-BASS so that a bar appears above the E-BASS-ON. To turn it off, press E-BASS so that the bar appears above E-BASS-OFF.
- To turn off the radio, repeatedly press RADIO ON/OFF BAND until the display is turned off.



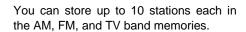




To manually tune the radio, repeatedly press **TUNING UP** or **DOWN** to reach the desired station.

For quicker tuning on AM and FM bands, hold down either **TUNING UP** or **DOWN** until the frequency on the display changes rapidly, then release the button. When a station is received, the frequency indicator stops automatically. However, it might not stop if the broadcast signal is weak.

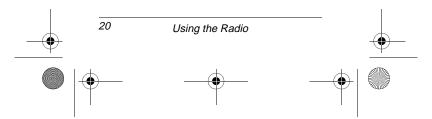
#### **MEMORY TUNING**

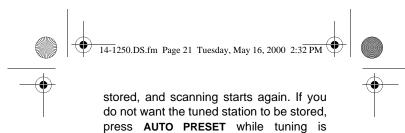


### Storing Stations Automatically (Only for AM and FM)

- Repeatedly press RADIO ON/OFF BAND until the desired band appears (AM or FM).
- Hold AUTO PRESET for 1–2 seconds. Scanning starts with PRESET flashing.

Each time a station is received, scanning stops for 2 seconds, the tuned station is





paused.

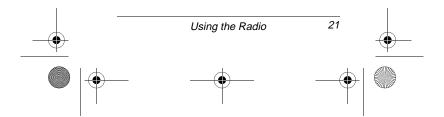
Presetting is completed when 10 stations have been stored. Scanning stops on the 10th station.

**Note:** If the broadcasting signals are very weak, the stations cannot be preset automatically. Preset them manually.

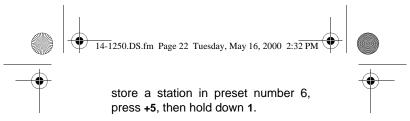
#### **Storing Stations Manually**

- Repeatedly press RADIO ON/OFF BAND until the desired band appears (AM, FM, or TV).
- 2. Press **TUNING UP** or **DOWN** to reach the desired station.
- Hold down one of the preset number buttons (1–5) for about 2 seconds.
   The selected preset number and PRESET appear and the cassette player stores the station.

**Note:** To store stations in preset numbers 6–10, press +5, then hold down the appropriate number button for about 2 seconds. For example, to







Repeat Steps 1–3 to store more stations. To replace a station you stored, simply store a new station in that preset number.

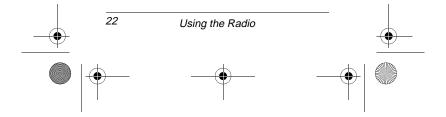
#### **Selecting Stored Stations**

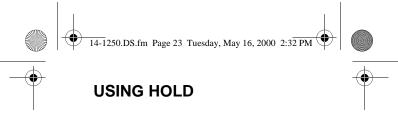
- Repeatedly press RADIO ON/OFF BAND to select the desired band.
- Press a preset number button (1–5) to select a stored station. To select preset numbers 6–10, press +5 then the appropriate preset number button.



#### Notes:

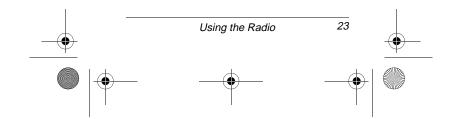
- Do not hold down the preset number buttons for more than a second when you select a preset station. Otherwise, the station currently tuned in will be preset to that button.
- Since +5 also activates the sleep timer, do not hold down +5 for more than 2 seconds when you select a preset station. Otherwise, the cassette player will begin sleep timer setup.

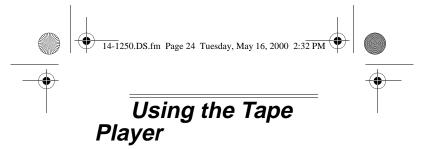


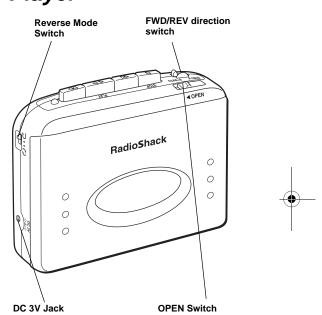


HOLD locks the cassette player's radio function buttons and E-BASS (GAME) so you cannot accidentally change them. To lock the buttons, rotate HOLD down. HOLD flashes for several seconds, then appears steadily. To unlock the buttons, rotate HOLD up to the horizontal position.



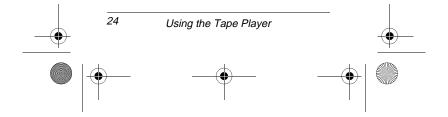


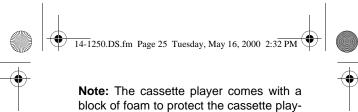




# LOADING A CASSETTE TAPE

The cassette player uses normal bias, high-bias, and metal tapes.





er's playback head during shipment. Remove the foam before loading a tape.

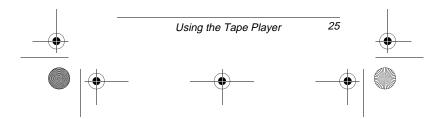
1. Take up any slack in the tape by turn-

ing the cassette's hub with a pencil. Do not touch the exposed tape.

- 2. Slide **OPEN** in the direction of the arrow and open the compartment door by pulling it toward you.
- Insert a cassette into the door's tape guides with the cassette's open edge facing up and the desired side visible through the window.
- 4. Close the cassette compartment door.

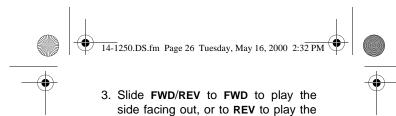
#### **PLAYING A TAPE**

- If the radio is on, turn it off by repeatedly pressing RADIO ON/OFF BAND until the display is turned off.
- Slide NOR HI/MTL to NOR for Type I (normal bias) cassette tapes or to HI/ MTL for Type II (high bias) and Type IV (metal) tapes.









reverse side.

- 4. Press **PLAY**. The battery indicator and **TAPE** appear and the tape begins to play.
- Adjust VOLUME to a comfortable listening level.
- To emphasize the bass sounds, press E-BASS until a bar appears above the E-BASS—ON. Press E-BASS until the bar appears above E-BASS—OFF to turn it off.
- 7. To stop the tape, press  $\blacksquare$  **STOP**.

#### **USING REVERSE MODE**

Set the reverse mode switch to choose the desired automatic reverse option:

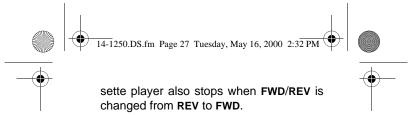
One-Time Playback — The cassette player plays one side of the tape, automatically reverses the tape's playback direction, plays the reverse side of the tape, then automatically stops.

**Note:** If you set **FWD/REV** to **REV**, the cassette player plays only the reverse side and stops at the end of that side. The cas-







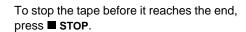


**Continuous Playback** — The cassette player alternately plays each side of the tape until you press **STOP**.

### USING FAST-FORWARD AND REWIND

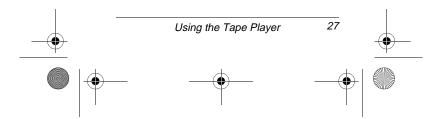
While the tape is stopped, press ◀◀ or ▶▶ to rewind to fast-forward.

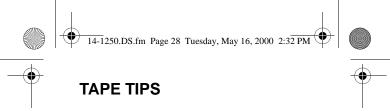
FWD/REV set to	To rewind, press	To fast- forward, press
FWD	44	<b>&gt;&gt;</b>
REV	<b>&gt;&gt;</b>	<b>*</b>



#### Notes:

- ◀◀ and ▶▶ are not released at the end of the tape. Press ■ STOP to release them.
- To prevent tape damage, press **STOP** before changing to radio mode.

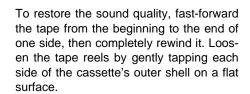




We do not recommend long-play cassette tapes such as C-120s because they are thin and can easily tangle.

## 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.

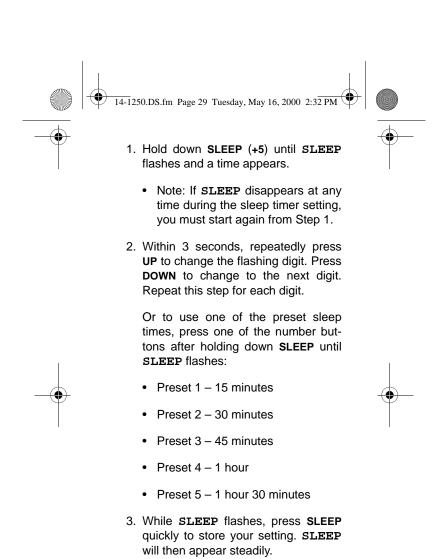


**Caution:** Be careful not to damage the cassette when tapping it. Do not touch the exposed tape or allow any sharp objects near the cassette.

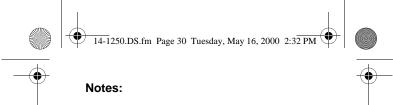
### **USING THE SLEEP TIMER**

You can set the cassette player to play up to 5 hours and 59 minutes, then automatically turn off. The cassette player must be on to set sleep timer.



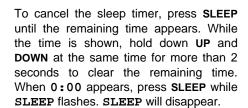






- When the cassette player turns off after the sleep time runs out, PLAY is not released. Press
   STOP to prevent tape damage.
- When the cassette player turns off after the preset time, the sleep timer returns to 0:00.

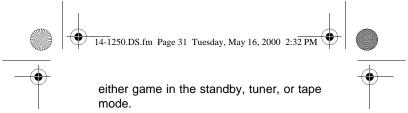
To check the remaining time until the cassette player turns off, press **SLEEP** until the time appears. The remaining time appears for about 5 seconds, then the display returns to the last selected function.



# Playing the Games

Your cassette player has a slot machine game and a number game. You can play

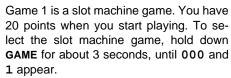


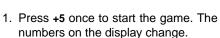


#### Notes:

- You can switch from one game to another anytime during the game by pressing GAME once.
- While playing the game, all the buttons on the radio are disabled except those used to play the game, RESET, and HOLD.

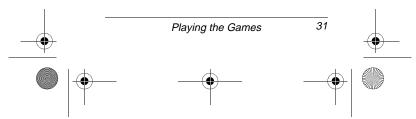
## PLAYING THE SLOT MACHINE GAME

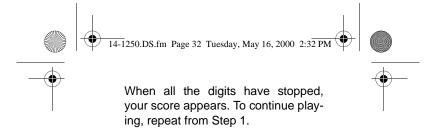




2. Repeatedly press **+5** to stop the numbers. The numbers stop one by one (from left to right).

If you do not press +5 to stop the numbers, each digit automatically stops after a few seconds.



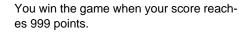


#### **Scoring**

If 777 appears, you get 50 points and all the bar indicators flash.

If all the digits are the same but not 777 (such as 888, 333, and so on), you get 20 points and two bars flash.

If all the digits are different or only two digits are the same, you lose 1 point.



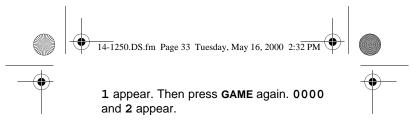
You lose the game when your score falls to 0 points.

### PLAYING THE NUMBER GAME

The objective of Game 2 is to clear the number shown by pressing the same number, using the number buttons.

To select the number game, hold down **GAME** for about 3 seconds until **000** and





- 1. Press +5 once to start the game. Numbers from 1 to 5 appear, one at a time, at random.
- As you see a number, press that button (1–5). If you press the correct button, two bar indicators flash. The more numbers you match, the sooner the next number disappears.

After one minute, the game ends automatically, all the bar indicators flash, and your score appears.



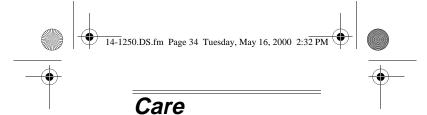
#### **Scoring**

You get 1 point when you match a number. The maximum score is 50 points.



The cassette player automatically exits the game mode if you stop playing for about 5 minutes. To exit the game mode sooner, hold down **GAME** for about 3 seconds. **bYE** flashes.

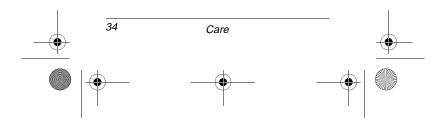


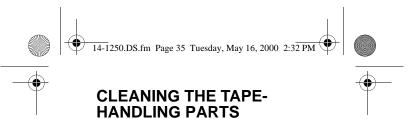


To enjoy your cassette player for a long time:

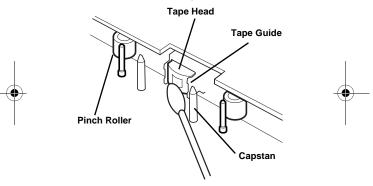
- Keep the cassette player dry. If it gets wet, wipe it dry immediately.
- Use and store the cassette player only in normal temperature environments.
- Handle the cassette player gently and carefully. Do not drop it.
- Keep the cassette player away from dust and dirt.
- Wipe the cassette player with a damp cloth occasionally to keep it looking

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

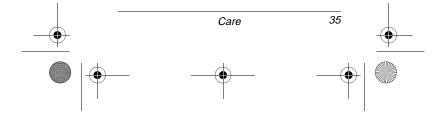


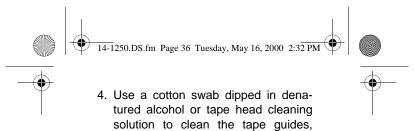


Dirt, dust, or particles of the tape's coating can accumulate on the tape head and other parts the tape touches. This can greatly reduce the performance of the cassette player. After every 20 hours of tape player operation, follow these steps to clean the tape-handling parts or use a RadioShack cassette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



- 1. Remove the batteries and disconnect any other power source.
- 2. Open the cassette compartment door.
- 3. Press **PLAY** to expose the tape-handling parts.





playback head, pinch roller, and cap-

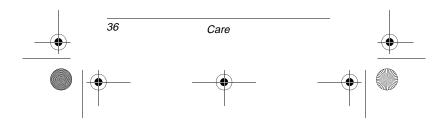
5. When you finish cleaning, press ■ STOP and close the cassette compartment door. Reconnect power.

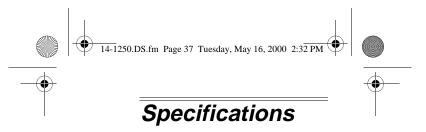
stan.

### RESETTING THE CASSETTE PLAYER

If the cassette player's display locks up or stops operating properly after you connect power, first replace the batteries with new ones. If the cassette player still does not operate properly, you must reset it. To reset the cassette player, use a pointed object such as a paper clip to press **RESET**.

**Important:** Resetting the cassette player clears all the settings you have stored. Reset the cassette player only when you are sure it is not working properly.





#### **RADIO**

	FM	AM	TV
IF Rejection	65 dB	47 dB	75 dB
Image Rejection	22 dB	25 dB	20 dB
Signal-to- Noise (S/N) Ratio	50 dB	28 dB	35dB
Stereo Separation	20 dB at 1 kHz		
Usable Sensitivity	16 dBμV	55 dBµV	20dBµ V



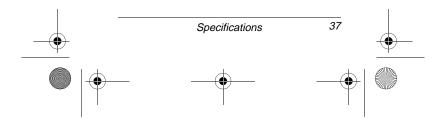
Reception Area US1 ... AM: 530-1,710 kHz

(10 kHz step) FM: 87.5–108.1 MHz (0.2 MHz step)

TV: channels 2-13

Reception Area US ..... AM: 530-1,710 kHz

(10 kHz step) FM: 87.5–108.1 MHz (0.2 MHz step)





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Reception Area JP ..... AM: 531-1,629 kHz (9 kHz step)

FM1, FM2: 76–108 MHz

(0.1 MHz step in 76-90 MHz)

(0.05 MHz step in 90–108 MHz) Reception Area EU ..... AM: 531–1,602 kHz

(9 kHz step)

Fm1, Fm2: 87.5-108 MHz

(0.05 MHz step)

#### **TV Audio Reception**

Channel	Frequency (MHz)
2	59.75
3	65.75
4	71.75
5	81.75
6	87.75
7	179.75
8	185.75
9	191.75
10	197.75
11	203.75
12	209.75
13	215.75

#### **CASSETTE PLAYER**

Cassette Mechanism	Auto-stop
Wow and Flutter (WRMS)	0.3%



Specifications



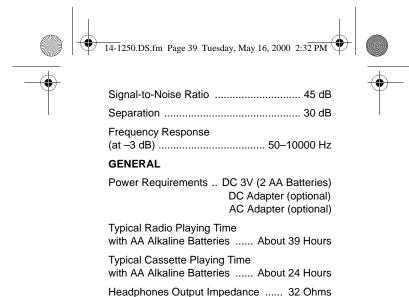












Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Weight (excluding batteries) ...... 5 oz

Dimensions (HWD) ....  $4^{1/2} \times 3^{3/8} \times 1^{1/4}$  Inches

(excluding projecting parts and controls)

 $(111.3 \times 83 \times 31.3 \text{ mm})$ 

(147 g)

