Emerson®

Personal CD-R/RW Player with 60 Second Electronic Anti-Skip Protection, and Stereo Headphone

OWNER'S MANUAL

HD8197 *(Silver Color)*
HD8197BL *(Blue Color)*
HD8197RD *(Red Color)*

Visit our web site at www.emersonradio.com

Thank you.........

For purchasing this Emerson Personal CD Player. The CD player has a 20 track programmable memory so you can listen to the songs on your favorite CD's in any order you choose. Or you can use the Shuffle playback feature and let the player select the playback order for you.

Use the 3-way Repeat feature to repeat a single track, the entire disc, or a programmed sequence of tracks, indefinitely.

Please read this instruction manual completely and carefully to make sure you understand the proper operation of this product, and get the maximum enjoyment out of all the features of this state-of-the-art CD player.

Once again, thanks for purchasing this Emerson product.

IMPORTANT NOTES

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

Avoid installing the unit in locations described below:

• Places exposed to direct sunlight or close to heat radiating appliances such as electric heaters.

• Dusty places.

• Places subject to constant vibration.

• Humid or moist places.

CLASS 1 LASER PRODUCT

CLASS 1 LASER PRODUCT
APPAREIL Á LASER DE CLASSE 1
PRODUCTO LASER DE CLASE 1

CAUTION
INVISIBLE LASER RADIATION
WHEN OPEN AND INTERLOCKS
DEFEATED.
AVOID EXPOSURE TO BEAM

This product contains a low power Laser Device.

CAUTION

THIS LASER COMPACT DISC PLAYER FUNCTIONS BY HELP OF INVISIBLE LASER LIGHT AND IS EQUIPPED WITH SAFETY SWITCHES TO AVOID EXPOSURE WHEN DOOR IS OPEN AND SAFETY INTERLOCKS ARE DEFEATED. IT IS DANGEROUS TO DEFEAT OR BYPASS SAFETY SWITCHES.

DANGEROUS VOLTAGE
Uninsulated Dangerous Voltage, that may be of sufficient magnitude to constitute a risk of electric shock to persons is present within this product's enclosure.
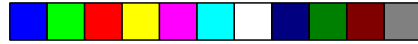
ATTENTION
The Owner's Manual contains important operating and maintenance instructions.
For your safety, it is necessary to refer to the manual.

This device complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.

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PREPARATION FOR USE

Remove The Transit Card

This personal CD player is shipped with a dummy CD 'transit card ' inside the CD compartment. The purpose of this card is to prevent the laser from moving during shipment of the product. This card must be removed before using the CD player.

Slide the Open "⦀▶" switch to the right to unlock the CD door. Remove the 'transit card' from the player and discard it.

Power Sources

This personal CD player is designed to operate on two "**AA**" batteries, not included. Use a well known brand of Alkaline batteries for longest life and best performance.

This player can also be operated by with an optional AC/DC converter/adapter, not included. If you decide to purchase an optional AC/DC adapter the specification must be as follows:

Input: 120V 60Hz AC

Output: 4.5V DC, 500mA.

Plug: Female Type with Positive Center, UL Listed.

Positive (+) ———⊙——— Negative (–)

You may also purchase a "Universal" type AC/DC adapter which allows you to select the required output voltage and plug polarity, and normally includes multiple plug sizes to fit most brands of equipment.

Always look for the "**UL**" listing mark when you purchase an adapter.

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Connecting The Optional AC/DC Adapter (Not Included)

1.) Connect the small female plug of the optional AC adapter to the "**DC 4.5V**" jack on the right side of the CD player.

2.) Connect the adapter housing to your 120V 60Hz AC outlet.

DC 4.5V Input Jack.

To 120V/60Hz AC Outlet.

Optional AC/DC Adapter
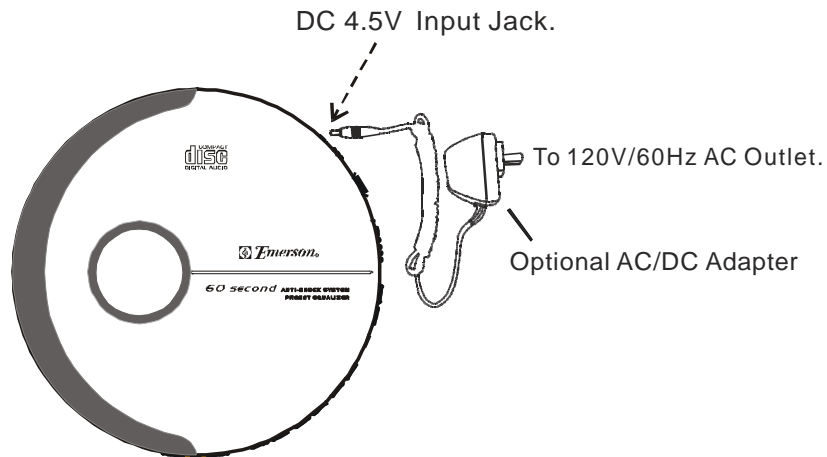
NOTES:

- *Never connect or disconnect the adapter from the AC outlet while your hands are wet.*

- *The housing of the AC adapter may become warm during operation. This is normal.*

- *The female plug of the AC adapter must be completely disconnected from the CD player in order to operate the player on batteries.*
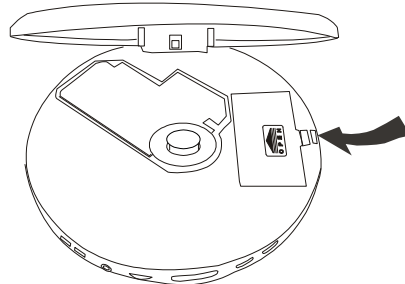
4

Installing The Batteries

NOTE: The battery compartment is located inside the CD compartment.

1.) Slide the Open "▐▐▐▐▐▶" switch to the right to open the CD door. If you have not already done so, remove the dummy CD 'transit card' and discard it.

2.) Press on the locking tab on the battery door in the direction of the "arrow" and lift it up.

3.) Insert two "**AA**" alkaline batteries in the battery compartment. Be sure to observe the polarity markings engraved in the battery compartment. If the batteries are inserted incorrectly the unit will not work.
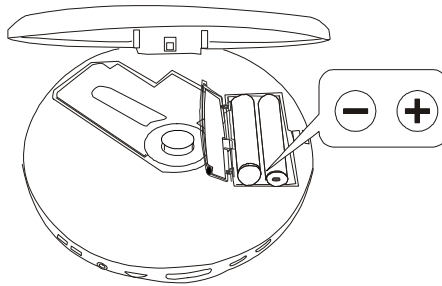
4.) Close the battery door, and press the door down make sure fully locked again.

5.) Close the CD door.

Replacing The Batteries

When the battery symbol ▐▬▬▌ flashes in the display the batteries are becoming weak and should be replaced.
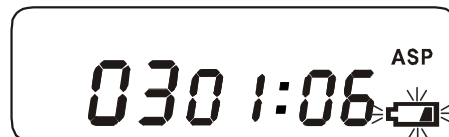
Always replace both batteries at the same time with new fresh alkaline batteries. Do not mix old and new batteries or different types of batteries together.

If the display remains blank when you press the ▶I **PLAY/PAUSE** button, the batteries are completely dead.

Replace them immediately. If dead batteries are left inside the battery compartment for a long period of time they may leak and cause damage to the unit, and such damage or corrosion from leaking batteries is not covered by your warranty.

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BATTERY PRECAUTIONS

- Replacement of batteries must be done by an adult.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- The supply terminals are not to be short-circuited.
- Non-rechargeable batteries are not to be recharged.
- Exhausted batteries are to be removed.
- Only batteries of the equivalent type are to be used.
- Batteries are to be inserted with the correct polarity.
- Dispose of batteries properly. Do not dispose of batteries in fire. The batteries may explode or leak.

Connecting The Stereo Headphones

Connect the plug of the supplied stereo headphones to the 🎧 green-colored headphone jack on the right side of the cabinet.

NOTE: Make sure the headphone plug is inserted into the 🎧 headphone jack as far as it will go. If the plug is not fully inserted, you may only hear sound from one side of the headphones.
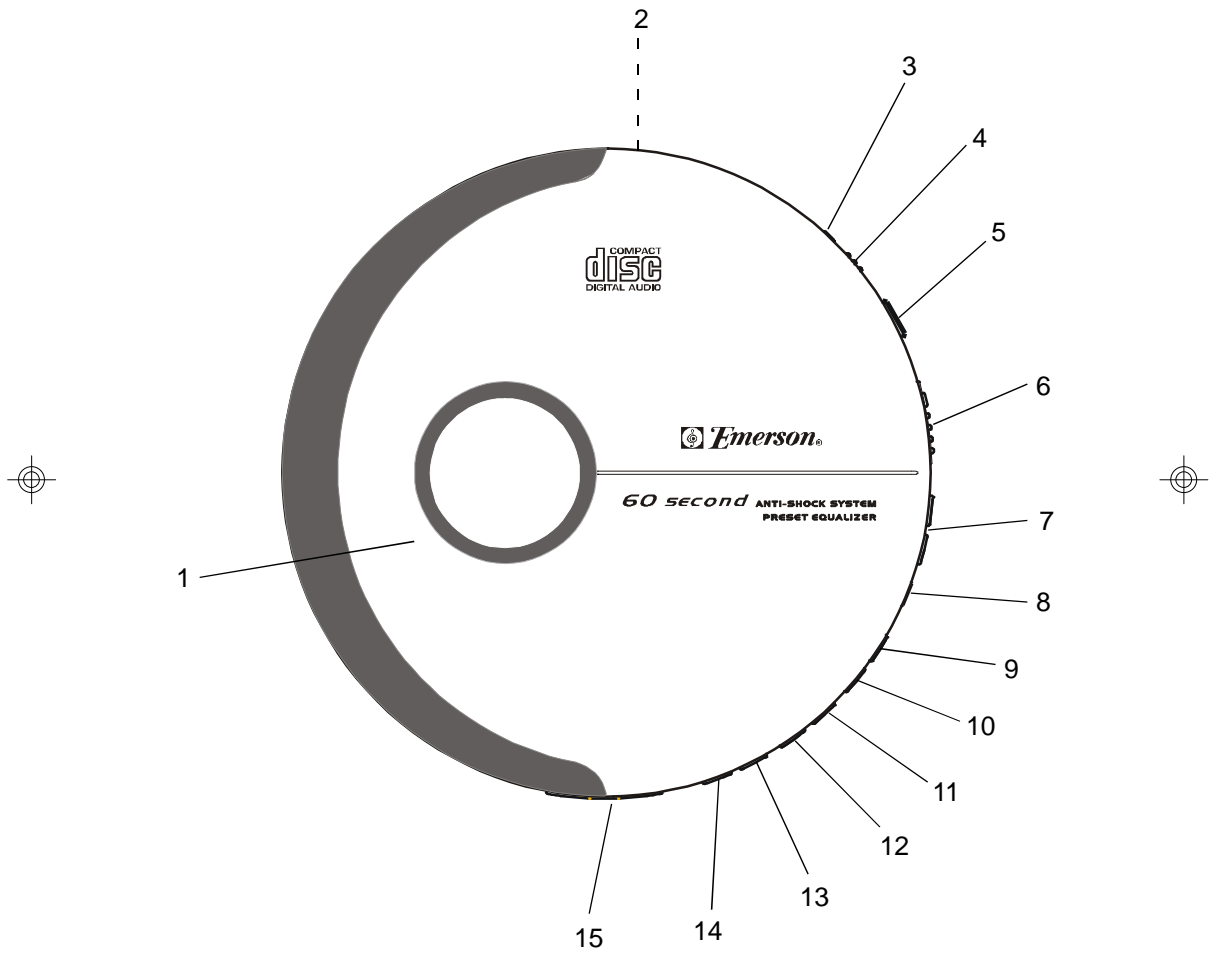

🎧 Green-colored Headphone Jack
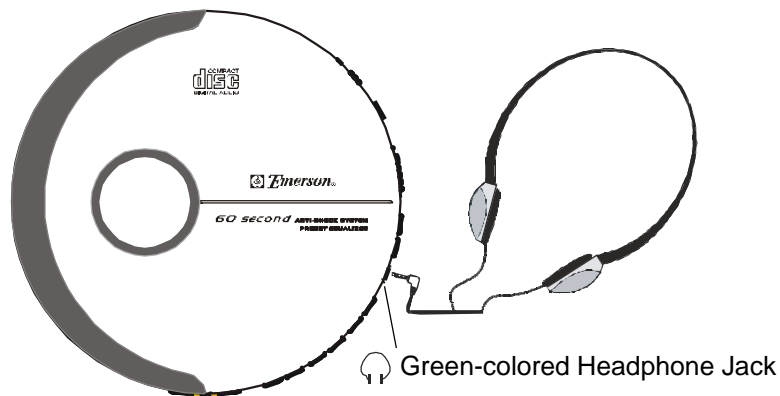
IMPORTANT

*Always set the **VOLUME** control to a low level before you put the headphones on and begin playing a CD. Then start playback and gradually increase the volume to a comfortable listening level. Do not play the CD at loud volume levels that might prevent you from hearing warning sounds such as car horns, etc.*

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COMPACT
disc
DIGITAL AUDIO

Emerson

60 second ANTI-SHOCK SYSTEM
PRESET EQUALIZER

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

7

1.) CD Door.

2.) Battery Compartment (Inside CD compartment).

3.) **DC 4.5V** Input Jack – Connect an AC adapter (not included) to this jack to use 120V 60Hz AC house current.

4.) **HOLD** ⟶ (On/Off) Switch – Slide to the right to lock the function of the control buttons.

5.) **EQ** Button – Press repeatedly to select **POP**, **ROCK**, **SRR** (Surround), Flat EQs.

6.) Open "⫸" Switch – Slide to the right to unlock and open the CD door.

7.) **VOLUME +** / **–** Buttons – Raises or lowers the volume.

8.) ⌒ Headphone Jack – Connect stereo headphones, included, to this jack.

9.) **MODE** Button – To select the playback mode: Repeat **1**/**ALL**, **INTRO** or **SHUF** (Shuffle).

10.) **PROG** (Program) Button – To program the playback tracks.

11.) ▶▶l **SKIP/SEARCH** Forward Button.

12.) l◀◀ **SKIP/SEARCH** Reverse Button.

13.) ■ **STOP** Button.

14.) ▶ll **PLAY/PAUSE** Button.

15.) LCD Display – Shows Track number, Elapsed Time, EQs, Program, Repeat, Shuffle, and Intro modes.

LCD DISPLAY INDICATORS
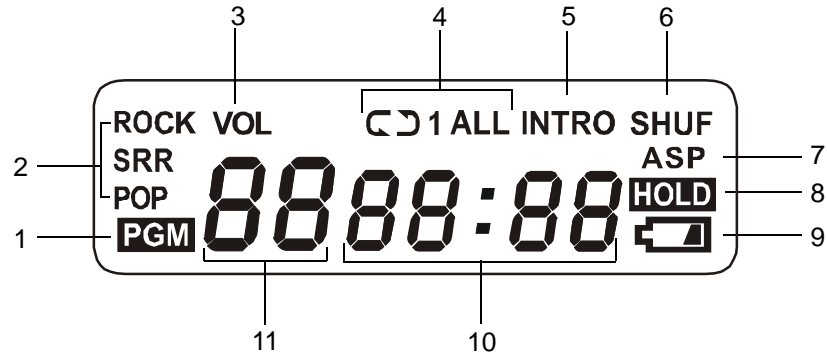
1.) **PGM** (Program) Indicator – Appears when programming tracks or playing programmed tracks.

2.) **ROCK**, **SRR** (Surround), **POP** Indicators – Appears when repeatedly pressing the **EQ** button to select the corresponding EQ setting.

3.) **VOL** Indicator – Appears when pressing the **VOLUME +** or **–** buttons to adjust the volume level.

4.) ⊂⊃ **1/ALL** Indicators – Appears when the Repeat playback mode is selected.

5.) **INTRO** Indicator – Appears when Intro playback mode is selected.

6.) **SHUF** (Shuffle) Indicator – Appears when Random playback mode is selected.

7.) **ASP** Indicator – Indicates Anti-Skip Protection is activated.

8.) **HOLD** Indicator – Appears when **HOLD** switch is set to 'On' position.

9.) Battery Status Indicator – Flashes when battery level becomes low.

10.) Elapsed Time Display.

11.) Track Number Display.

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OPERATING INSTRUCTIONS

General Controls

HOLD Switch

The **HOLD** ➤ switch on the right side of the cabinet must be in the 'Off' (left) position to start the CD player. If you plan to carry the CD player in a handbag, briefcase, school bag, back pack, etc, slide the **HOLD** ➤ switch to the 'On' (right) position.

While the **HOLD** ➤ switch is 'On', all the control buttons are disabled.

This prevents the player from starting accidentally by something pressing against the **PLAY/PAUSE** ▶II button.

HOLD ➤

(Off⬅ ➡On)

```
0402:10  ASP
         HOLD
```
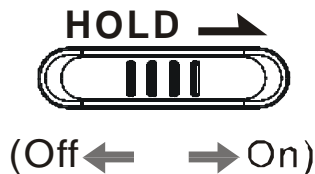
After you begin CD playback you may also slide the **HOLD** ➤ switch to the 'On' (right) position to disable all the controls on the CD door. You can then place the player in a handbag, backpack, etc, and do not have to worry that the player will be accidentally turned off by something pressing against the **STOP** ■ button or Track Skip buttons.
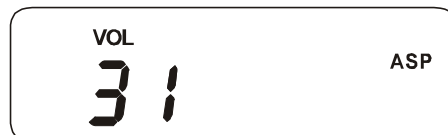
EQ (Preset Equalizer) Button

During CD playback you may press the **EQ** button to select the preset equalizer setting **ROCK**, **SRR**, **POP**, Flat (EQ 'Off') as desired.
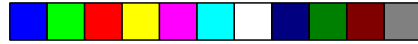
```
POP  0402:18  ASP
```

VOLUME + / − Buttons

Press the **VOLUME** + or − buttons to adjust the volume level.
The **VOL** indicator will appear on the display.

```
VOL
31      ASP
```

The level indicator ranges from "**00**" (Minimum) to "**31**" (Maximum)

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Electronic Anti-Skip Protection

This CD player is equipped with automatic 60 second Electronic Anti-Skip Protection and that will eliminate virtually all skipping during most active uses.

When you press the **PLAY/PAUSE ▶II** button to begin playback, the player immediately begins to store 60 seconds of music in a solid state memory that is impervious to shock. The player is always reading the disc 60 seconds ahead of the music you are hearing and storing that information in the memory.

If the player is subjected to shock or bumps of less than 60 seconds duration you will not notice them at all.

If the bumps last longer than 60 seconds the anti-skip memory may be depleted and the player may skip or stop.

When playback begins the **ASP** indicator begins 'flashing' in the display.

$$01\ 00:01 \quad \text{ASP}$$

When the **ASP** indicator remains 'On', the Anti-Skip memory is 'Full' and contains 60 seconds of music.

$$01\ 01:00 \quad \text{ASP}$$
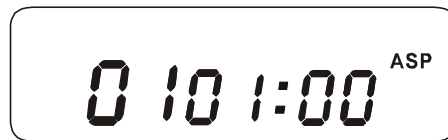
If the player is bumped or shaken the **ASP** indicator will flash again as the memory is depleted. The player may skip if the bumps continue.
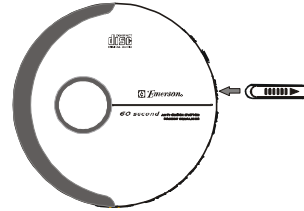
When the bumps stop the memory starts to fill up again and the **ASP** indicator remains 'On'.

11
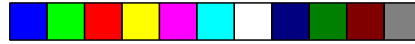
Normal CD Playback

- **Make sure you have installed the batteries.**

- **Make sure the HOLD ➞ switch is set to the 'Off' (left) position.**

- **Press the "VOLUME –" button to a low volume setting before you put on the headphones.**

1.) Slide the CD door Open "||||||▶" switch to the right to unlock and open the CD door.

2.) Place your CD on the center spindle with the printed label side facing up. Press downward on the disc near the center hole until the disc is fully seated on the spindle.
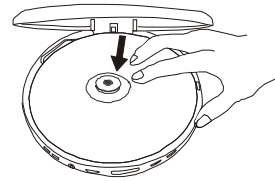
3.) Close the CD door and connect the headphones to the headphone jack ⌒⌒ (green color) by pushing the headphone plug into the headphone jack until a 'click' sound is heard.

4.) Press the ▶II **PLAY/PAUSE** button to begin playback. The "– –" flashes while the player reads the disc.
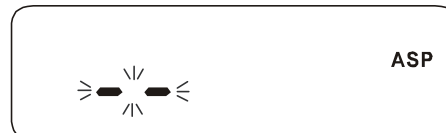
The total tracks and playing time will appear briefly in the display and then the playback will begin on track "01".

The display will show the track and elapsed time.
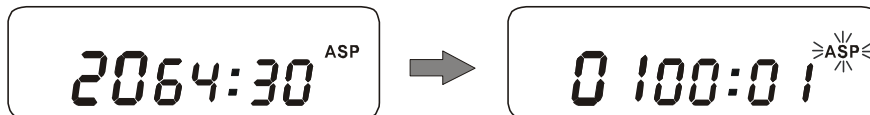
5.) Adjust the **VOLUME**, and **EQ** controls as desired.

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6.) Playback will continue until the end of the disc, then the player will stop automatically and the display will again show the total tracks and playing time on the disc.
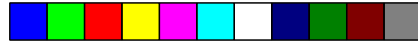
After approximately 30 seconds the power switches 'Off' automatically to conserve the batteries and the display goes blank.

To stop playback before the disc ends press the ■ **STOP** button at any time.

Press the ■ **STOP** button after the disc has stopped to shut the power 'Off' completely.

Pause Control

To pause momentarily during playback press the ▶II **PLAY/PAUSE** button again.

The elapsed time display flashes.
The sound stops but the disc continues to spin.

$$0305:10 \quad \text{ASP}$$

Press the ▶II **PLAY/PAUSE** button once more to cancel Pause mode and resume normal playback. The elapsed time display stops flashing.

SKIP/SEARCH Controls

Press the ▶▶I or I◀◀ buttons repeatedly during playback to skip to higher or lower numbered tracks. Playback will begin on the selected track.

To search within a track at high speed to locate a specific musical passage depress and hold either the ▶▶I or I◀◀ controls. The player will search rapidly forward or backward as long as the buttons are depressed. When the sound reaches the desired point, release the buttons. Normal playback will resume at that point and the volume returns to normal level.

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MODE Button

Pressing the **MODE** button during CD playback cycles the player through the following four special playback modes:

⊂⊃**1**(Repeat 1) ➡ ⊂⊃**ALL** (Repeat All) ➡ **INTRO** ➡ **SHUF** (Shuffle) Playback.

Repeat Playback

The player can be programmed to continuously repeat a single track or the entire disc automatically.

One Track Repeat

During playback press the ▶▶❙ or ❙◀◀ buttons to select the track to be repeated, then press the **MODE** button once.

The "⊂⊃ **1**" indicator appears in the display and the selected track will be repeated continuously.

```
              ⊂⊃1
 0700:02  ASP
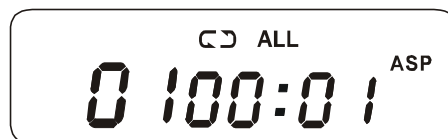```

Press the ■ **STOP** button to cancel Repeat 1 playback.

### All Tracks Repeat

Press the ▶❙❙ **PLAY/PAUSE** button to begin playback, then press the **MODE** button twice.

The "⊂⊃ **ALL**" indicator will appear in the display and the entire disc will be repeated continuously.

```
              ⊂⊃ ALL
 0100:01  ASP
```

Press the ■ **STOP** button to cancel All Track Repeat playback.

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INTRO (Intro Scan) Playback

The Intro Scan feature plays only the first 10 seconds of each track on the disc. This feature is useful when you are trying to find a particular song but you cannot remember the title.

1.) Load your disc in the player as usual and press the ▶❚❚ **PLAY/PAUSE** button to begin playback.

2.) When playback begins press the **MODE** button <u>three times</u>.

The **INTRO** indicator flashes.

```
0200:03   ⇒INTRO⇐   ⇒ASP⇐
```

3.) Press the ▶❚❚ **PLAY/PAUSE** button once more. The **INTRO** indicator stops flashing and remains 'On'.

```
0100:01   INTRO   ⇒ASP⇐
```

The player backs up to the beginning of track "**01**", plays the first 10 seconds of each track on the disc, and then stops.

To cancel Intro Scan playback press the ■ **STOP** button.

Shuffle (Random) Playback

When Shuffle playback is selected all the tracks on the disc will be played back in random order.

1.) Load your disc in the player as usual and press the ▶❚❚ **PLAY/PAUSE** button to begin playback.

2.) When playback begins press the **MODE** button <u>four times</u>.

The **SHUF** indicator flashes.

3.) Press the ▶❚❚ **PLAY/PAUSE** button once more. The **SHUF** indicator stops flashing and remains 'On'.

```
0100:02   ⇒SHUF⇐   ⇒ASP⇐
```

The player randomly selects a track for playback. After each track has played once the player stops.

```
0900:01   SHUF   ⇒ASP⇐
```

To cancel Shuffle playback press the ■ **STOP** button.

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Programmed Playback

You can program up to 20 tracks on a disc to play in any desired order.

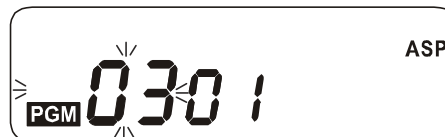*Note: You can program a disc either during playback or in Stop mode.*

1.) Press the **PROG** button <u>once</u>.

The **PGM** indicator and the Track number "**00**" will flash and the Program number "**01**" appears in the display.

2.) Press the ▶▶I or I◀◀ button to select the first track to be programmed.

Example: Track # **03**.

3.) When the desired track number flashes in the display press the **PROG** button again to enter the desired track number in Program Number "01".

The Program number advances to "**0 2**".

4.) Repeat Steps 2 and 3 to program additional tracks up to a maximum of 20.

5.) Press the ▶II **PLAY/PAUSE** button to begin programmed playback.

The **PGM** indicator stops flashing.

- Playback begins with the first track you programmed and continues until all programmed tracks have been played, and then the player stops.

- The programmed sequence will remain in the memory until the power shuts off (approximately 30 seconds) or until the CD door is opened.

- If you press the **PROG** and ▶II **PLAY/PAUSE** buttons again before the power shuts off the programmed sequence will play again.
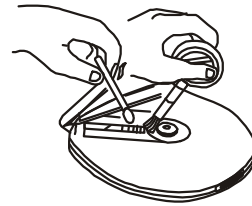
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CARE AND MAINTENANCE

Cleaning the Cabinet

Wipe with a soft cloth. If the cabinet is very dirty, dampen the cloth with a weak solution of neutral detergent and water, and then wipe clean.

Cleaning the Lens

A dirty lens will cause sound skipping and, if the lens is very dirty, the CD may not work. Open the disc cover and clean the lens as follows:

Dust or Dry Particles

Using a camera lens brush/blower, blow on the lens several times, then wipe it lightly with the brush to remove dust. Then, blow on the lens once more.

Fingerprints

To remove fingerprints from the lens, use a cotton swab starting in the middle and working to the outside edge. Use only very light pressure on the lens to avoid forcing it out of alignment.
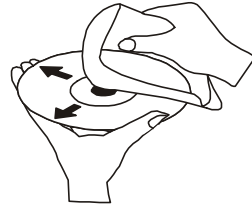
Cleaning the Disc

When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out.

ⓖ Emerson®
SERVICE

FOR ADDITIONAL SET-UP OR OPERATING ASSISTANCE
PLEASE CALL:
1-800-898-9020

FOR CUSTOMER SERVICE, PLEASE WRITE TO:
Emerson Radio Corp.,
Consumer Affairs Dept.,
5101 Statesman Drive,
Irving, TX 75063.

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LIMITED WARRANTY

Emerson Radio Corp. warrants manufacturing defects in original material, including original parts and workmanship, under normal use and conditions, for a period of ninety (90) days from the date of original purchase in the U.S. With your dated proof of purchase, we will provide repair service at no charge for labor and parts at an authorized Depot Repair Facility, or replace the product in our discretion. For repair or replacement, pack your unit in a padded box, enclose your check or money order payable to Emerson Radio Corp. in the amount of $9.00 (not required by California residents) to cover shipping and handling costs, and enclose a copy of your proof of purchase. Send your unit to:

<div align="center">

Emerson Radio Corp.,

5101 Statesman Drive,

Irving, TX 75063.

</div>

This warranty does not cover damage from negligence, misuse, abuse, accident, failure to follow operating instructions, commercial use, rental, repairs by an unauthorized facility, or products purchased, used, serviced or damaged outside of the United States.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

AU898M

The serial number of your CD player can be found on the bottom cabinet. We suggest that you record the serial number of your unit in the space below for future reference.

Model Number: HD8197 / HD8197BL / HD8197RD

Serial Number:

Emerson