emerson Research™

MICRO CD SYSTEM

with DIGITAL TUNER,

THINOVATION™

FLAT PANEL SPEAKERS

and BUILT IN SUBWOOFER

OWNER'S MANUAL

ES25

nxt®

Visit our web site at www.emersonradio.com

CAUTION

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
The lightning flash with arrow-head symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated 'dangerous voltage' within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.	WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT SAFETY INSTRUCTIONS

1.) Read these instructions.

2.) Keep these instructions.

3.) Heed all warnings.

4.) Follow all instructions.

5.) Do not use this apparatus near water.

6.) Clean only with dry cloth.

7.) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8.) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9.) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10.) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11.) Only use attachments / accessories specified by the manufacturer.

12.) Unplug this apparatus during lightning storms or when unused for long periods of time.

13.) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

14.) This appliance shall not be exposed to dripping or splashing water and no object filled with liquids such as vases shall be placed on the apparatus.

15.) Do not overload wall outlet. Use only power source as indicated.

16.) Use replacement parts as specified by the manufacturer.

17.) The product may be mounted to a wall only if recommended by the manufacturer.

18.) Upon completion of any service or repairs to this product, ask the service technician to perform safety checks.

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Thank you…………

For purchasing this Emerson Research Micro Audio System with the unique Thinovation™ flat panel speakers, using the latest NXT* flat panel speaker technology. We think you will be truly amazed by the sound produced by these patented speakers that are less than one inch deep!

This system includes a digital tuner with 20 preset station memory, a CD player with 20 track programmable memory, a clock timer so that you can set to sleep or wake to the radio or your favorite CD, a built in compact subwoofer for dynamic bass, and a full function remote control.

Please make sure to read this manual carefully and completely to make sure that you understand all the functions we have included in this system and get the maximum enjoyment from all the outstanding features.

This system was in perfect working order when it left our factory. If you encounter any problems with the set-up or operation of this system, **please do not return it to the retail store.** Please call the Emerson Research Customer Service Hot Line Toll Free at 800-898-9020. One of our service representatives will try to diagnose and correct the problem for you.

Once again, thanks for purchasing this Emerson Research audio product.

For future reference, record the serial number in the space provided.

Model No: ES25
Serial No:

* Trademark of New Transducers Limited.

IMPORTANT NOTES

- Avoid installing this unit in places exposed to direct sunlight or close to heat radiating appliances such as electric heaters, on top of other stereo equipment that radiates too much heat, places lacking ventilation or dusty areas, places subject to constant vibration and/or humid or moist areas.

- Do not attempt to clean this unit with chemical solvents as this might damage the finish. Use a clean dry cloth.

- Operate controls and switches as described in the manual.

- Before turning 'On' the power, make certain that power cord is properly installed.

- Store your CDs, in a cool area to avoid damage from heat.

- When moving the set, be sure to first disconnect the power cord.

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.

FCC INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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 the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
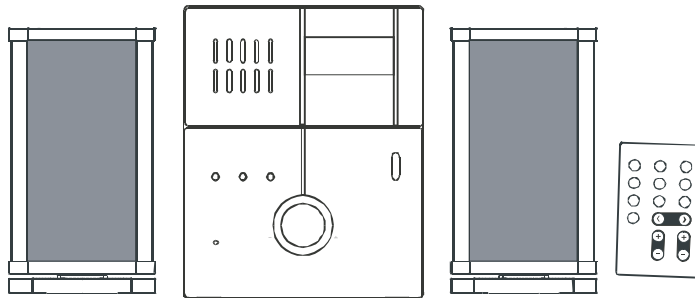
(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

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PREPARATION FOR USE

UNPACKING AND SET UP

- This system consists of the following components: Tuner/CD Player unit, Amplifier/Subwoofer unit, 2 "Thinovation™" Flat Panel Speakers, and Remote Control.

  Carefully remove all the components from the display carton and verify that you have all the necessary components before you dispose of the display carton.

- Remove all packing materials from the individual components. Remove any descriptive labels that may be attached to the front panel of the main unit. Do not remove any labels or stickers on the back panels of the main unit or the speakers.

- Remove any small strips of tape that may have been used to prevent the CD door from opening in transit.

- Place all the components in the desired location. This system is designed to be used on level, stable, flat surface such as a table, desk, shelf, or stand, convenient to an AC outlet, out of direct sunlight, and away from sources of excess heat, dust, moisture, or vibration.

- Unwind the AC power cord on the back of the Amplifier/Subwoofer unit and extend the cord to its full length.

- Unwind the lead wire FM antenna on the back of the Tuner/CD Player unit and extend it to its full length.

- The main unit is shipped with a "dummy CD" display card in the CD player. This "dummy CD" card must be removed before you can use the CD player. Refer to the "**PLAYING COMPACT DISCS**" instructions on Page 22.

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POWER SOURCE

This system is designed to operate on 120V AC 60Hz house current only. Connecting this system to any other power source may cause damage to the system and such damage is not covered by your warranty.

NOTE: The system has polarized AC plug with one wide blade and one narrow blade. The plug will only fit into matching polarized AC outlets. This is a safety feature to reduce the possibility of electric shock. If the plug will not fit in your AC outlets, you probably have outdated non-polarized outlet. You should have your outdated outlet changed by a qualified, licensed electrician. Do not file the wide blade on the plug, or use an adapter to make the plug fit into your outlet. This defeats the safety feature and could expose you to electric shock.

AC Outlet

AC Plug
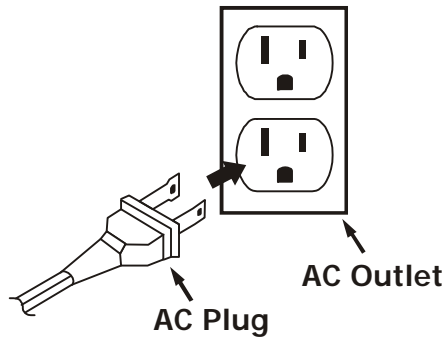
MAIN POWER SWITCH

IMPORTANT: The **MAIN** power **SWITCH** is located on the back of the Amplifier/ Subwoofer unit. This switch must be '**ON**' for the system to operate. The main power switch should be left in the '**ON**" position at all times. The only time you should set this switch back to the '**OFF**' position is if you will not be using the system for an extended period of time – for example, two weeks or longer. The remote controller cannot operate the system if main power switch is in the '**OFF**' position.

MAIN SWITCH

ON
OFF

5
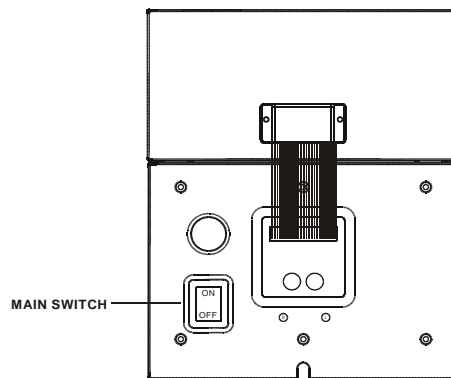
BATTERY BACK UP

This system includes a battery back up circuit that will maintain the Tuner preset station memories and the correct time in the event of a power interruption. The battery back up circuit requires a **9V** battery, not included.

1.) The battery compartment is located on the bottom of the Tuner/CD Player unit. Turn the Tuner/CD Player unit upside down.

   NOTE: Place the unit on a soft surface such as a towel to avoid scratching the finish on the top of the cabinet.

2.) Push the door locking tab in the direction of the arrow to open the battery door.
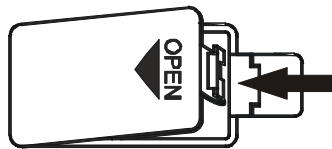
3.) Attach the **9 volt** battery to the terminals of the battery harness as shown. It can only be attached one way.
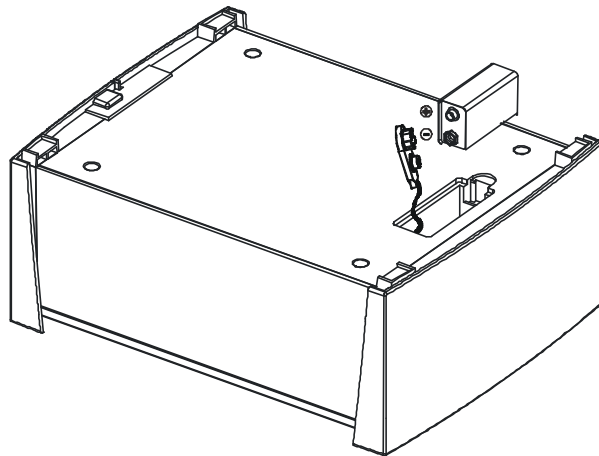
Bottom View Of Tuner/CD Unit

4.) Replace the battery door.

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SYSTEM CONNECTION

Place the Tuner/CD Player unit on top of the Amplifier/Subwoofer unit. Note that there is a multi-pin ribbon cable permanently attached to the back of the Tuner/CD Player unit. The multi-pin plug at the end of this ribbon cable must be connected to the multi-pin socket on the back of the Amplifier/Subwoofer unit.
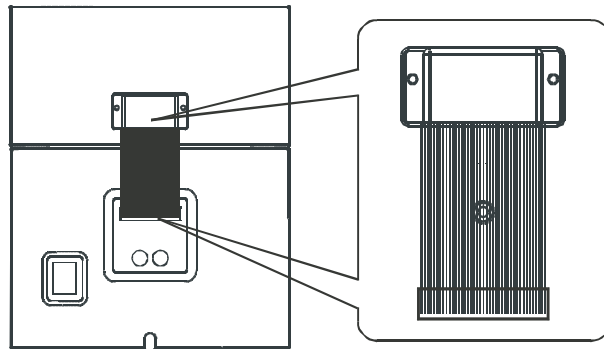
SPEAKER CONNECTIONS

Connect the two "Thinovation™" Flat Panel speakers to the color-coded white "**L**" and red "**R**" speaker jacks on the back of the Amplifier/Subwoofer unit.

Make sure that the speaker plugs are fully inserted into the speaker jacks. If the plugs are loose the connection may be intermittent.

7
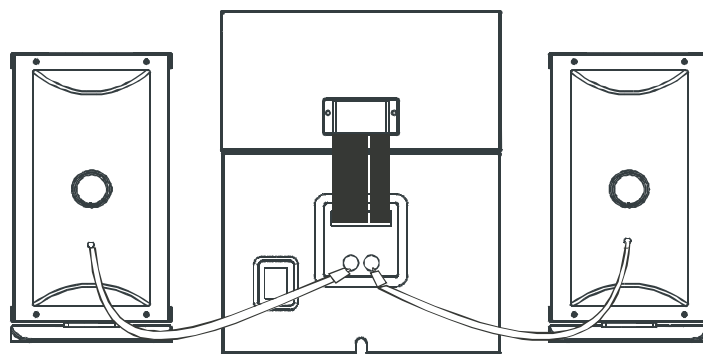
AUXILIARY SOURCE CONNECTIONS

You can listen to the sound from external audio sources through the speakers of this system. Connect the Aux/Line/Audio Output Jacks of the external audio source to the **AUX IN** Jack at the front panel of Amplifier/Subwoofer unit.

Note: Connection cables are not included.

From External Audio Sources

AUDIO OUT
L   R
RCA Jacks

LINE OUT
Stereo Phones Jack

OR

AUX IN
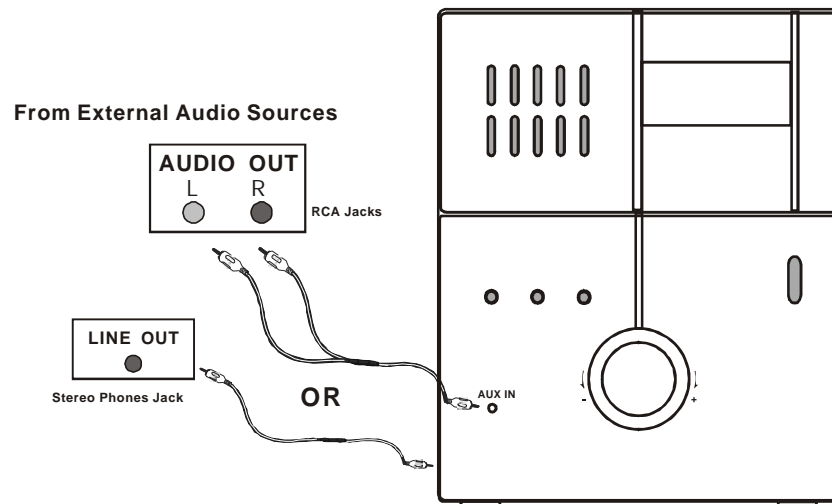
Examples of External Audio Sources that can be connected to this system are:

Cassette Player, Mini Disc Player, the sound from your TV, VCR, DVD player, etc. Instructions for listening to external audio sources will be found later in this manual.

PROTECT YOUR FURNITURE

This model is equipped with non-skid rubber 'feet' to prevent the product from moving when you operate the controls. These 'feet' are made from non-migrating rubber material specially formulated to avoid leaving any marks or stains on your furniture. However certain types of oil based furniture polishes, wood preservatives, or cleaning sprays may cause the rubber 'feet' to soften, and leave marks or a rubber residue on the furniture. To prevent any damage to your furniture we strongly recommend that you purchase small self-adhesive felt pads, available at hardware stores and home improvement centers everywhere, and apply these pads to the bottom of the rubber 'feet' before you place the product on fine wooden furniture.

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REMOTE CONTROL BATTERY

The remote control requires one "button-type" 3-volt lithium battery, included. To extend the life of the original battery we have inserted a small clear plastic spacer tab between the lithium battery and the battery terminal.

You must remove this battery spacer tab before you can use the remote control.

To remove the tab, pull it in the direction of the arrow in the illustration as shown.
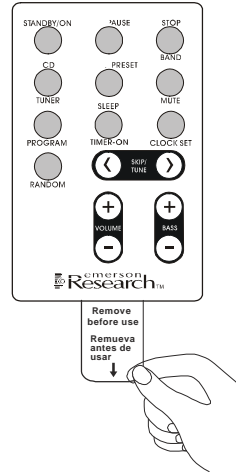
When the operation of the remote control becomes intermittent or unsatisfactory, replace the original battery with a new 3-volt lithium battery.

1.) Press the locking lid of the battery holder to the left and slide out the battery holder.

2.) Place one 3V **CR2032** battery in the battery holder, observing the positive (**+**) direction. If the battery is placed incorrectly the remote control will not work.
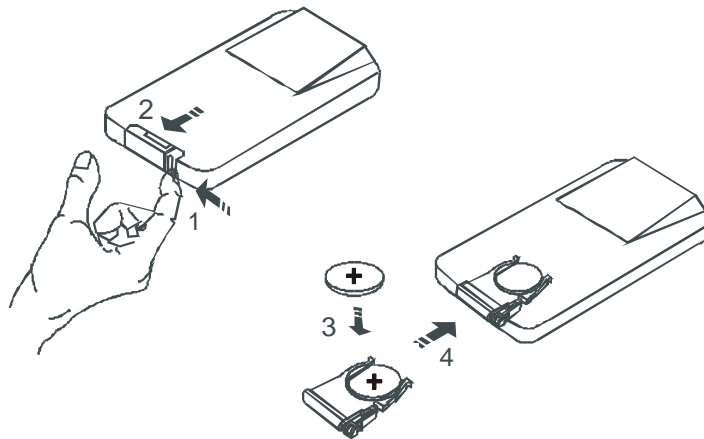
3.) Insert the battery holder into the battery slot.

Notes: *Use a well-known brand of cell battery for longest life and best performance. When the remote operation becomes intermittent, replace the battery.*

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LOCATION OF CONTROLS AND INDICATORS

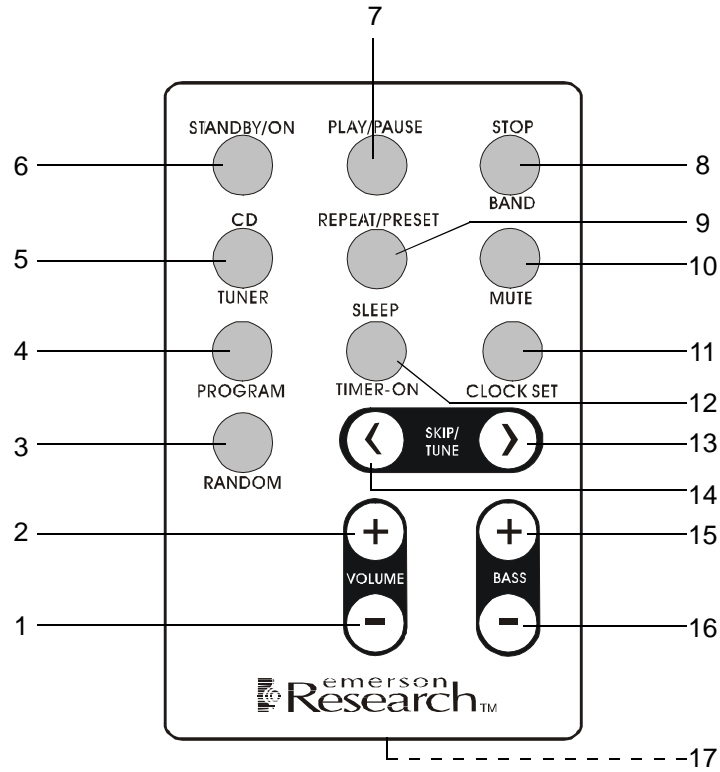## FRONT PANEL
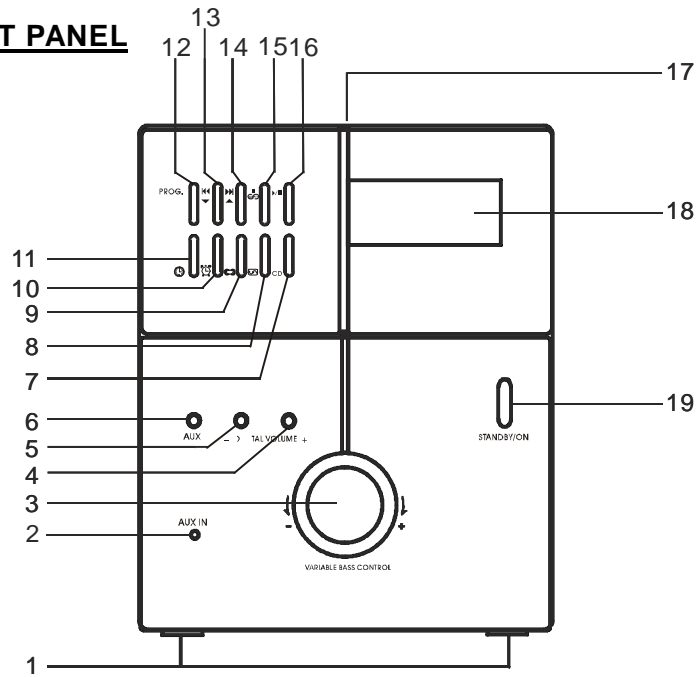
BACK PANEL
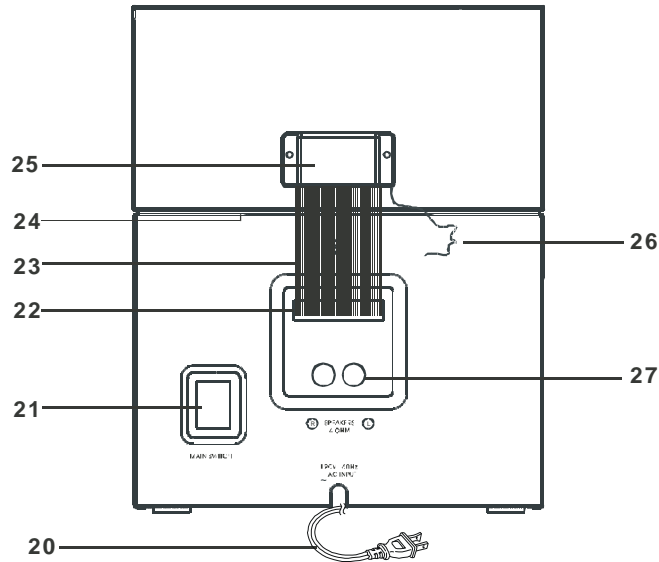
1.) Rubber Feet.

2.) **AUX IN** Jack.

3.) **VARIABLE BASS CONTROL** (**+ / –**).

4.) **DIGITAL VOLUME +** Button.

5.) **DIGITAL VOLUME –** Button.

6.) **AUX** Button.

7.) **CD** Button.

8.) Tuner 🔄 Button.

9.) FM Stereo/Mono ◖◗ Button.

10.) Clock Set ⏰ Button.

11.) Timer 'On/Off' / Sleep 🕐 Button.

12.) **PROG.** (Program) Button.

13.) Tuning Down ▼ / Skip-Search Reverse ◄◄ Button.

14.) Tuning Up ▲ / Skip-Search Forward ►►| Button.

15.) Stop ■ / Band (**AM**/**FM**) Button.

16.) Play/Pause ►|| Button.

17.) CD Door **PUSH** To Open Position.

18.) Multi-Function LCD Display.

19.) **STANDBY**/**ON** Button.

20.) AC Power Cord.

21.) **MAIN** Power **ON**/**OFF SWITCH**.

22.) Ribbon Cable Connection Socket.

23.) Connection Ribbon Cable.

24.) Back Up Battery Compartment (At Bottom Of Tuner/CD Unit).

25.) Ribbon Cable Connection Plug.

26.) FM Wire Antenna.

27.) **SPEAKER L** / **R** Jacks.

11
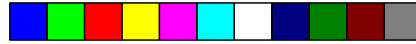
REMOTE CONTROL

1.) **VOLUME –** Button.

2.) **VOLUME +** Button.

3.) **RANDOM** Button.

4.) **PROGRAM** Button.

5.) **CD/TUNER** Button.

6.) **STANDBY**/**ON** Button.

7.) **PLAY/PUASE** Button.

8.) **STOP/BAND** Button.

9.) **REPEAT**/**PRESET** Button.

10.) **MUTE** Button.

11.) **CLOCK SET** Button.

12.) **SLEEP/TIMER-ON**/Off Button.

13.) **SKIP/TUNE >** Button.

14.) **SKIP/TUNE <** Button.

15.) **BASS +** Button.

16.) **BASS –** Button.

17.) Battery Compartment.

(Back Cabinet)

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OPERATING INSTRUCTIONS

- **Make sure the Tuner/CD Player unit is connected to the Amplifier/ Subwoofer unit with the built in ribbon cable.**

- **Make sure that you have removed the battery spacer from the remote control handset.**

- **Make sure that the 2 "Thinovation™" Flat Panel speakers are connected to the Amplifier/Subwoofer unit.**

- **Make sure that the MAIN Power SWITCH on the back of the Amplifier/ Subwoofer unit is 'ON'.**

- **Make sure that you have installed the back up battery in the Tuner/ CD Player battery compartment.**

- **Make sure the AC power cord from the Amplifier/Subwoofer unit is properly connected to a 120V 60Hz household AC power outlet.**

USING THE CONTROLS

Most of the functions of this system can be operated by pressing the buttons on the front panel, or the corresponding buttons on the remote control handset. If a particular function can only be operated by controls on the main unit or controls on the remote, the instructions will specify:

"**Main Unit Only**" or
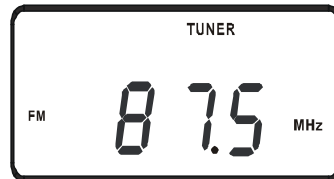
"**Remote Control Only**"

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SETTING THE CLOCK

When the system is connected to the AC outlet for the first time and "AM 12:00" appears on the display. This is your indication that the time display is incorrect and needs to be reset.

AM 12:00

1.) Press the **STANDBY/ON** button on the front panel or remote control to turn the system 'On'. The Tuner display comes on, the display will show "**FM 87.5 MHz**".

TUNER
FM 87.5 MHz

2.) Press the **AUX** button on the front panel to select the Aux function. The time display will show current time and the colon will be flashing.

AUX
AM 12:03

3.) Press the ⏰ button on the front panel or **CLOCK SET** button remote control **for at least 3 seconds.** "**12H**" will begin flashing in the display indicating that the clock is set for 12-hour "American" time.

*Note: You may press either the ▶▶ / ◀◀ button on the front panel of the main unit or **>** / **<** buttons on the remote control once to change the clock format to 24 Hour for "European" time as desired. The display will change from "12H" to "24H".*

12H

24H

4.) Press the **CLOCK SET** or ⏰ button again.

The Hour digits will begin flashing.

AM 12:03

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5.) Press either the ▶▶I / I◀◀ Buttons on the front panel or **>** / **<** buttons on the remote control to set the display to the correct Hour, **AM** or **PM**.

6.) Press the **CLOCK SET** or ⏰ button again. The Minute digits will begin flashing.

AUX

PM *12:03*

7.) Press either the ▶▶I / I◀◀ Buttons on the front panel or **>** / **<** buttons on the remote control to set the display to the correct Minute.

8.) Press the **CLOCK SET** or ⏰ button once more. The time display stops flashing and the clock begins to run.

AUX

PM *12:30*

9.) Press the **STANDBY/ON** button on the front panel or remote control to turn the system 'Off'. The main display goes off.

*Note: The correct time will appear on the display when the system is in the Standby (Power Off) Mode, or when the **AUX** function is selected.*

15
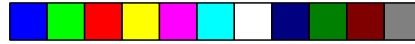
MAIN VOLUME AND VARIABLE BASS VOLUME CONTROLS

Volume Adjustments

Press the **DIGITAL VOLUME +** or **–** buttons on the front panel or the remote control to increase or decrease the volume.

The volume level indicator appears on the main display.

The range is from "**00**" (Minimum) to "**30**" (Maximum).

This system will remember the last volume level you selected before switching the power 'Off' and will automatically return to that volume level when the power is switched 'On' again.

*Note: If the **MAIN** Power **SWITCH** on the back panel is switched '**OFF**', or if the AC power is interrupted, the volume level will return to the "15" default level when the power is restored.*

VARIABLE BASS CONTROL

Turn this control to **+** or **–** on the front panel of the Amplifier/Subwoofer unit or press the **BASS + / –** buttons on the remote control to increase or decrease the amount of bass response from the subwoofer speaker.

Notes: We set this control to the Maximum setting at the factory. The range is from "00" (Minimum) to "20" (Maximum).

MUTE Button (Remote Control Only)

To temporarily shut off the sound from the speakers press the **MUTE** button on the remote control. The **MUTE** indicator will appear in the display and the sound will stop. Press the **MUTE** button again to cancel Mute and restore the sound. The **MUTE** indicator will disappear from the display.

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LISTENING TO THE RADIO

1.) Press the **STANDBY/ON** button on the main unit or the remote control. The main display turns on.

2.) If necessary, press the 🔄 button on the front panel of the main unit or the **CD/TUNER** button on the remote control to select the Tuner function. The display will show an **AM** or **FM** station frequency.

```
         TUNER

AM  1400
              kHz
```

To select a different band, press the ■ **STOP/BAND** button.

3.) Tune to the desired frequency as follows:

- **Manual Tuning**

  Repeatedly press either the Tune ▲ / ▼ Buttons on the front panel or **>** / **<** buttons on the remote control until the frequency of the desired station appears on the display.

- **Automatic Tuning**

  Press and hold the Tune ▲ / ▼ Buttons on the front panel or **>** / **<** buttons on the remote control until the display begins to move, then release the buttons. The tuner will search up or down the band for the next strong station and stop on that station. Repeat this procedure until the tuner stops on your desired station.

4.) Adjust the **VOLUME** controls as desired.

You may also adjust the **VARIABLE BASS CONTROL** level on the front panel of the Amplifier/Subwoofer unit or **BASS + /–** buttons on the remote control unit.

17

5.) If you tuned to an FM Stereo station the **STEREO** indicator will appear in the main display.
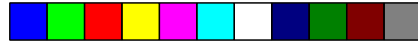
TUNER STEREO

FM 97.3 MHz

If the reception is noisy or weak, press the ☾☽ button on the front panel of the Tuner/CD Player unit to the mono setting. The **STEREO** indicator will disappear.

The reception will normally improve although the sound will no longer be in stereo.

6.) When you are finished listening, press the **STANDBY**/**ON** button on the main unit or remote control to return to the Standby (Power Off) mode. The main display goes off and the time display reappears.

18
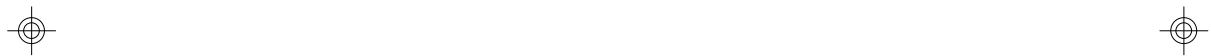
ANTENNA INFORMATION

FM

Make sure the FM lead wire antenna is unwound and extended to its full length. It may be necessary to vary the direction of this wire antenna until you find the position that provides the best reception for your favorite FM stations.
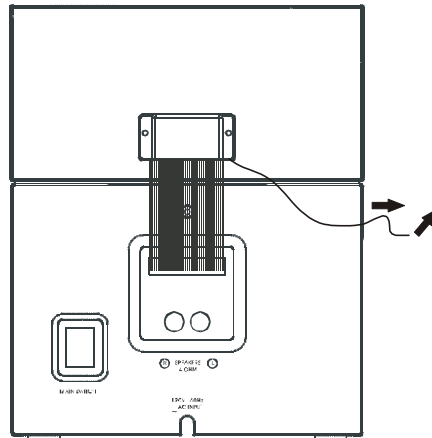
AM

The AM ferrite bar antenna is inside the main unit. If AM reception is unsatisfactory, you may have to turn the main unit slightly until you find the position that provides the best reception.

19
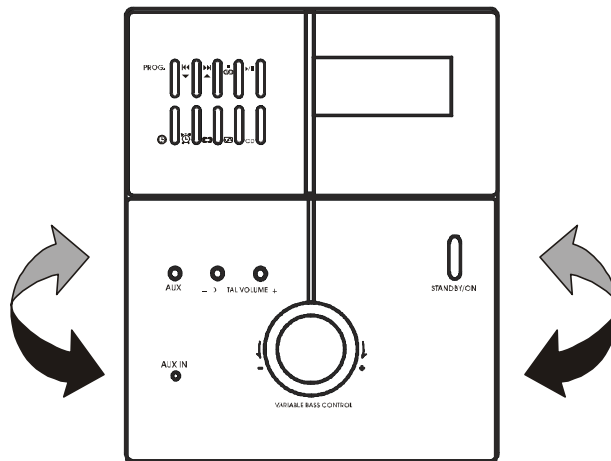
PRE-SETTING STATIONS IN THE TUNER MEMORY

This system includes a 20 station preset memory. You can store up to **10 FM** stations and **10 AM** stations in the tuner memory for immediate recall by using the remote control unit only. The procedure for storing stations in memory is as follows:

1.) Follow step 3 under "**LISTENING TO THE RADIO**" to select the first station you wish to memorize.

   Example: FM 103.5 MHz.

2.) When the desired station appears on the display press the **PROGRAM** button on front panel or on the remote control. The **PROGRAM** indicator flashes and Preset Memory Number "**M 00**" appears in the display.
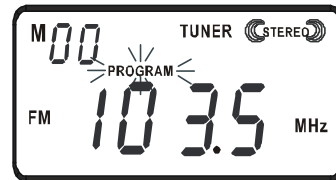
3.) Press the **REPEAT/PRESET** button on remote control once to select your preset memory number **01** and then press **PROGRAM** button to enter memory.

4.) Tune to the next station you wish to memorize. When the desired station appears on the display press the **PROGRAM** button to start the **PROGRAM** indicator flashing, and then press the **REPEAT/PRESET** button to select a different preset memory number.

   (Each time you press the **REPEAT/PRESET** button the preset memory number display advances by 1.)

20
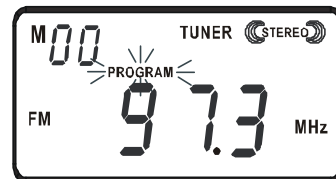
5.) Press the **PROGRAM** button again to enter the station in the selected preset memory number.

6.) Repeat steps 4 and 5 until you have memorized up to 10 stations on the **FM** band, then press the ■ **STOP**/**BAND** button to switch to the **AM** band and follow the same procedure to enter up to 10 stations on the **AM** band.

RECALLING PRESET STATIONS

Turn the system 'On' and select the desired band. Press the **REPEAT/PRESET** button on the remote control unit only repeatedly to scroll through the preset memories until the display shows the desired station.

There is no **REPEAT/PRESET** button on the main unit.

CHANGING PRESET STATIONS

To change any preset station memory, select the desired band and tune to the new station you wish to memorize.

Press the **PROGRAM** button on the remote control unit and then press the **REPEAT/ PRESET** button to display the memory number you wish to change.

Press the **PROGRAM** button again to enter the new station in the memory. The new station is memorized and the previous station is deleted from the memory.
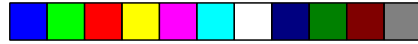
21
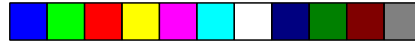
PLAYING COMPACT DISCS

IMPORTANT:

This CD player can play normal CDs plus CD Recordable (CD-R) and CD Rewriteable (CD-RW) discs. However the playability of CD-R/RW discs may be affected by the type of software that was used in 'ripping' the tracks from the original discs and 'burning' the tracks onto the blank media. Playability may also be affected by the quality and condition of the blank media you use for recording. 100% compatibility cannot be guaranteed. This is not an indication of any problems with your player.

Note: You must remove the 'dummy CD' display card from the CD player before loading your own CDs.

1.) Press the **STANDBY/ON** button to turn the system 'On'.

2.) Press the **CD** button on the front panel of the main unit or the **CD/TUNER** button on the remote control to select the CD function.

3.) Press on the front edge of the CD door in the area marked "**PUSH**" to open the CD Door. Remove the 'dummy CD' from the player and discard it.

4.) Place a CD on the center spindle with the printed label side facing up. Press down near the center hole of the CD to make sure it is properly seated on the spindle.

22
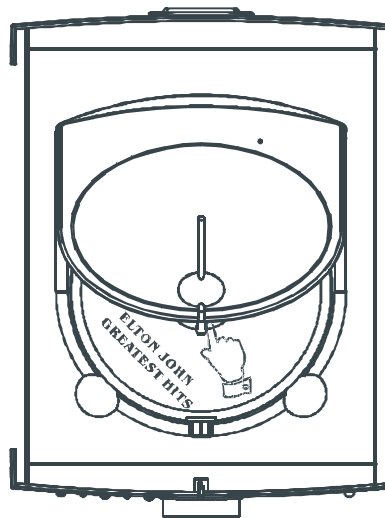
5.) Close the CD door. The disc will spin and "**00**" will flash in the track number. Within a few seconds the disc will stop spinning and the display will show the total playing time and total tracks on the disc.

Note: If the disc is inserted upside down or if the disc is badly scratched and unreadable, playback will not be possible. In this case the main display will show "no dISC". Remove the disc and re insert it properly, or try another disc.

```
no  CD
d1SC
```

6.) Press the **PLAY/PAUSE** ▶II button on the front panel of the main unit or on the remote control to begin playback on track 1. The display will show the elapsed playing time of each track as it plays.

```
01  CD
00:02
```

7.) Adjust the **VOLUME +/–** buttons and **VARIABLE BASS CONTROL** level as desired.

8.) When the last track has played the player stops automatically and the display again shows the total playing time and tracks on the disc. You may also stop playback at any time by pressing the ■ **STOP**/**BAND** button on the front panel of the main unit or on the remote control.

```
20  CD
65:40
```

9.) When you are finished listening, press on the front edge of the CD door to open it. Remove your disc and close the CD door.

10.) Press the **STANDBY/ON** button to return the system to the Standby (Power Off) mode.

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PAUSE CONTROL

To pause momentarily during CD playback press the **PLAY/PAUSE** ▶II button on the front panel of the main unit or the remote control again. The sound stops and the elapsed time display flashes but the disc continues to spin.

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

SKIP/SEARCH CONTROLS (▶▶I/I◀◀)

To skip to higher or lower numbered tracks during playback, repeatedly press the ▶▶I / I◀◀ buttons on the front panel of the main unit or **>** / **<** buttons on the remote control until the desired track number appears in the display. Playback will begin on the desired track.

To perform high speed search within a track to locate a specific musical passage depress and hold the ▶▶I / I◀◀ buttons on the front panel or **>** / **<** buttons on the remote control. The player will move rapidly forward or backward as long as the buttons are depressed.

When you hear the desired passage release the buttons and normal playback will resume at that point.

TO START PLAYBACK ON A SPECIFIC TRACK

Load the disc as usual and wait until the total playing time and track numbers appear on the display.

Press the ▶▶I / I◀◀ buttons on the front panel or **>** / **<** buttons on the remote control until the desired track number appears in the display, then press the **PLAY/PAUSE** ▶II button to begin playback on that track.

24
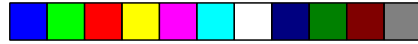
REPEAT PLAYBACK (Remote Control Only)

You can program the player to continuously repeat a single track or the entire disc. The Repeat function can be activated by using the remote control while a disc is playing or while the disc is stopped.

There is no **REPEAT/PRESET** button on the man unit.

One Track Repeat

Press the ▶▶ / ◀◀ buttons on the front panel of the main unit or **>** / **<** buttons on the remote control until the desired track number appears in the display, then press the **PLAY/PAUSE** ▶▶ button to begin playback on that track.

Press the **REPEAT/PRESET** button on the remote control once.
The **REPEAT** indicator flashes in the display.
The selected track will be repeated continuously.

All Tracks Repeat

Load the disc as usual and wait until the total playing time and track numbers appear on the display, then press the **PLAY/PAUSE** ▶▶ button to begin playback.

Press the **REPEAT/PRESET** button on the remote control twice.

The **REPEAT ALL** indicator remains 'On'.

The entire disc will be repeated continuously.

To cancel Repeat Playback continue pressing the **REPEAT/PRESET** button until the **REPEAT** indicator disappears. Repeat is also canceled by opening the CD door or switching to Tuner function.

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RANDOM PLAYBACK (Remote Control Only)

This feature allows you to play all the tracks on a disc in random order.

Load the disc as usual and wait until the display shows the total playing time and number of tracks.

Press the **RANDOM** button on the remote control.

There is no RANDOM button on the main unit.

The **RANDOM** indicator appears in the display.

The tracks will be played in random order continuously.

To cancel the Random mode press the **RANDOM** button on the remote control once more until the **RANDOM** indicator disappears. Random mode can also be canceled by pressing the ■ **STOP/BAND** button, opening the CD Door, or switching to the Tuner function.

PROGRAMMED PLAYBACK

This system has a **20** track programmable memory. You can program up to **20** tracks on a disc to playback in any desired order.

Note: *You cannot program the player while a disc is playing. You must press the ■ **STOP/BAND** button first to stop playback before beginning the programming steps below.*

1.) Load your disc as usual and wait until the display shows the total playing time and number of tracks.

2.) Press the **PROGRAM** button on the front panel or the remote control. The track number "**00**" flashes. The **PROGRAM** indicator and program memory number "**P–01**" appears in the display.
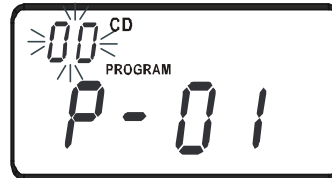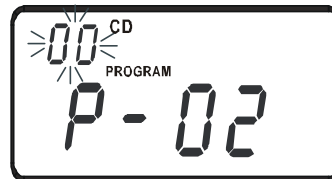
3.) Press the ▶▶I / I◀◀ buttons on the front panel of the main unit or **>** / **<** buttons on the remote control to select the first track you wish to program.

Example: Track **07**.
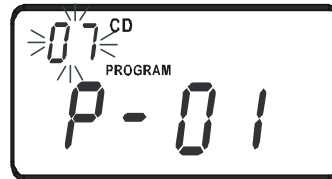
4.) Press the **PROGRAM** button again to enter Track 07 in Program Memory 01. The Program number advances to **"P–02"** and the track display returns to flashing "**00**".

5.) Repeat Steps 3 and 4, selecting a different track number each time until you have entered up to **20** tracks in the memory.

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After you have programmed up to **20** tracks, press the **PLAY/PAUSE** ►II button to begin programmed playback.

The **PROGRAM** indicator remains in the display and the tracks you selected will be played in the desired order.

```
07 CD
   PROGRAM
00:01
```

After the last programmed track has played the player stops, the **PROGRAM** indicator disappears, and the display again shows the total tracks and playing time on the disc. However the program sequence remains in the memory.

- To repeat the program sequence press the **PROGRAM** button and the press the **PLAY/PAUSE** ►II button.

- Programmed playback can be canceled by opening the CD Door, or by switching to the **TUNER** or **AUX** function; turning the power 'Off'.

PROGRAMMED REPEAT PLAYBACK

You may also use both the Program and Repeat functions together to continuously repeat the programmed tracks.

1.) Program up to 20 tracks as described above.

2.) Press the **PLAY/PAUSE** ►II button to begin Programmed Playback.

```
07 CD
   REPEAT ALL
   PROGRAM
00:03
```

3.) Press the **REPEAT/PRESET** button in the remote control twice to select

'All Tracks Repeat'. The **REPEAT ALL** indicator remains 'On'.

The programmed tracks will be repeated continuously.

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TIMER 🕐 FUNCTION

This system includes a programmable Timer function that will turn the system 'On', play for one hour, and then shut the system 'Off' automatically. You can use the timer to wake you up to the TUNER or to your favorite CD.

The timer can be programmed while the system is in the Standby (Power Off) mode, the **TUNER** mode, **CD** or **AUX** mode.

To Set The Turn-On Time

1.) Press and hold the 🕐 button on front panel or **SLEEP/TIMER ON** button on the remote control **for at least 3 seconds** until the **TIMER ON** indicator begins flashing in the display.
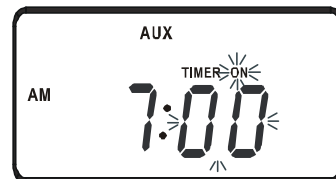
    While **ON** indicator is flashing, press the 🕐 button on the front panel or **CLOCK SET** button on the remote control. The Hour digits begin to flash.

2.) Press the ▶▶I / I◀◀ buttons on the front panel of the main unit or **>** / **<** buttons on the remote control to set the display to the desired turn-on hour, **AM** or **PM**.

3.) Press the 🕐 or **CLOCK SET** button. The Minute digits begin flashing.

4.) Press the ▶▶I / I◀◀ buttons on the front panel of the main unit or **>** / **<** buttons on the remote control to set the display to the desired turn-on minute.

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5.) Press the ⏰ or **CLOCK SET** button once more to enter the turn-on time in the memory.

The **TIMER ON** indicator stops flashing and remains 'On'.

The display returns to the correct time, the **TUNER** display, the **CD** display or the **AUX** display.

Turn the power 'Off' to standby mode.

At the selected 'On' time the system will turn on automatically to the last function selected, either **TUNER** or **CD**.

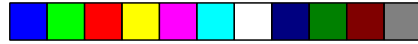The **TIMER ON** indicator flashes in the display

It will play for one hour and then shut off automatically.

Note: If the system turns on to CD function it will only play until the end of the disc and then stop.

Notes:

• As long as the **TIMER ON** indicator remains in the display the timer will turn the system on every day at the same time.

• To deactivate the timer press and hold the ⏰ button on front panel or **SLEEP/ TIMER ON** button on remote control **for at least 3 seconds** until the **TIMER ON** indicator disappears from the display.

• To reactivate the timer press and hold the ⏰ button on front panel or **SLEEP/ TIMER ON** button on remote control **for at least 3 seconds** until the **TIMER ON** indicator reappears in the display.

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SLEEP TIMER

This system includes a programmable Sleep Timer that allows you to fall asleep to between "**00**" and "**120**" minutes of music and then shuts the power 'Off' automatically.

To Operate The Sleep Timer:

1.) Turn the system 'On' and operate either the **TUNER** or **CD** function as usual.

2.) Adjust the main **VOLUME** and **VARIABLE BASS CONTROL** level controls to the desired level. Remember that the level you select for the sleep to music function is the same level you will hear when the timer turns the system 'On' in the morning.

3.) Press the 🕐 button on front panel or **SLEEP/TIMER ON** button on remote control once.

4.) The display will show "**00**".

Continue pressing the 🕐 button on front panel or **SLEEP/TIMER ON** button on remote control to increase the amount of sleep timer operation.

Each time you press the 🕐 or **SLEEP/TIMER ON** button you increase the sleep time by 30 minutes, i.e. **30**, **60**, **90**, **120**.

Release the 🕐 or **SLEEP/TIMER ON** button when the display shows the desired amount of Sleep timer operation.

5.) After a few seconds the Sleep Time display disappears and the normal Tuner or CD display returns. When the Sleep Timer counts down to "00", the power shuts off automatically.

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Notes:

- You can shut the unit off manually before the Sleep Timer counts down to "00" by pressing the **STANDBY/ON** button at any time.

- Remember that if you are falling asleep to CD you will also wake to CD, and if you fall asleep to the Tuner you will also wake to the Tuner.

- If you are falling asleep to CD, the system will only operate until the CD ends. If you set the Sleep Timer for 90 minutes but your CD is only 45 minutes long, the music will stop after 45 minutes.

LISTENING TO AUXILIARY SOUND SOURCES (Main Unit Only)

1.) Connect the Audio Output jacks of your auxiliary sound source (TV, VCR, DVD Player, Cassette Deck, Mini Disc player, etc., etc.,) to the **AUX IN** jack on the front panel of the Amplifier/Subwoofer unit.

   The connection cables are not included.

2.) Press the **STANDBY/ON** button on the front panel or remote control to turn this system 'On'.

3.) Press the **AUX** button on the front panel to select the Auxiliary Source function. The **AUX** indicator appears in the display together with the correct time.


4.) Turn your auxiliary source 'On' and operate it as usual. The sound from the auxiliary source will be heard through the speakers of this system.

5.) Adjust the main **VOLUME** and **VARIABLE BASS CONTROL** level controls of this system as desired.

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CARE AND MAINTENANCE

COMPACT DISC CARE

• To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.
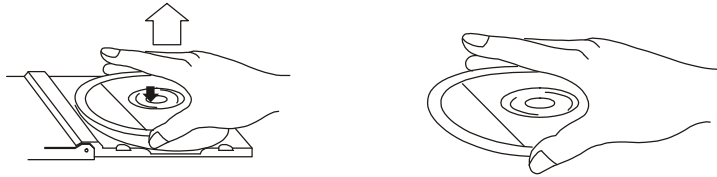
• Fingerprints and dust should be carefully wiped off the disc's recorded surface with a soft cloth.Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris, so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains will have absolutely no effect on reproduction quality.
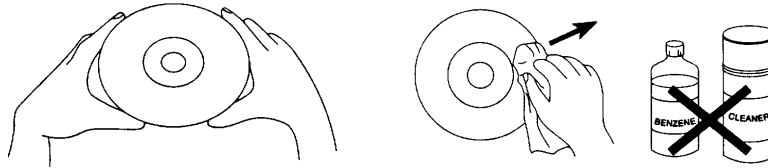
• Clean the disc periodically with a soft, lint-free, dry cloth. Never use detergents or abrasive cleaners to clean the disc. If necessary, use a CD cleaning kit.

• Never write on or affix labels to the surface of compact discs.

CARE OF THE CABINET

If the cabinet becomes dusty wipe it with a soft dry dust cloth. Do not use any wax, polish sprays, or abrasive cleaners on the cabinet.

CAUTION

Never allow any water or other liquids to get inside the unit while cleaning.

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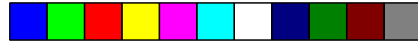
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Emerson Radio Corp. warrants manufacturing defects in original material, including original parts and workmanship, under normal use and conditions, for a period of ninety (90) days from the date of original purchase in the U.S. With your dated proof 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:

Emerson Radio Corp.

1901 Diplomat Drive.

Farmers Branch, TX 75234.

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Consumer Affairs Dept.
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Farmers Branch, TX 75234.

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