Starlogic

LP Phono CD Recorder

Installation and User's Manual

Item Number: 62904150

SKU# 01366

* Important Notice: Please read this manual carefully

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Contents

Overview

- This All-in-One Music System enables you to enjoy your favorite albums and cassettes and record them onto CD's.

- This unique music system offers you the options of playing music from various sources such as Vinyl Records, CD's, AM/FM Radio and Cassette Tapes.

- The CD recording system allows you to record from various music sources giving you the options of recording your favorite records, cassettes and audio programs from auxiliary sources that can be connected to the CD recorder via stereo input cables.

- A full function remote control let's you control the unit from the comfort of your easy chair.
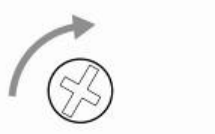
Quick Start Guide

1. Unwrap the FM antenna wire located in the back of the unit and extend the cable for best reception. Locate the power cord and plug the unit into a standard AC power outlet.

FM Antenna   **Power Cord**
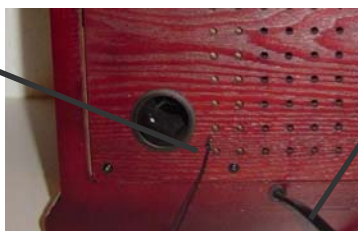
2. Open the lid to the turntable. Loosen the shock absorbing tension screw at the top of the turntable to allow for the turntable suspension to absorb any shock. Remove the tie wrap holding the tone arm secure. Remove the cover over the stylus needle. Set the turntable to the correct speed for the record you will be playing.

3. Press the Power button located on the front of the unit to turn the unit On.

Power Button

Quick Start Guide

5. Press the selector buttons located on the bottom of the front panel to choose to listen to Phono, CD, Cassette Tape, AM / FM Radio and AUX.

AUX PHONO FM-AM CD TAPE

To record from a Phono Record or Cassette please read the following steps:

1. Insert a blank CD into the CD tray.

2. On the Display you should see the "NO TOC CD-R (or CD-RW)" indicator go on.

3. Place a Record on the turntable and place the needle on the Record, or insert the Cassette into the tape deck. (**Note:** make sure the record speed selector is set to the proper RPM).

4. Press the **PHONO** or **TAPE** button depending upon the music source.

5. Press the **RECORD** button on the unit (you'll now see REC on the Display).

(**Note:** If you wish to adjust the track increment manual, you may now press the TRACK INCREMENT button, otherwise you'll see the AUTO TRACK indicator on the display. This will change the tracks automatically for you.)

6. Press the **PLAY/PAUSE** button (the remote control is recommended), you should now see the Play symbol (triangle shape) underneath REC on the Display.
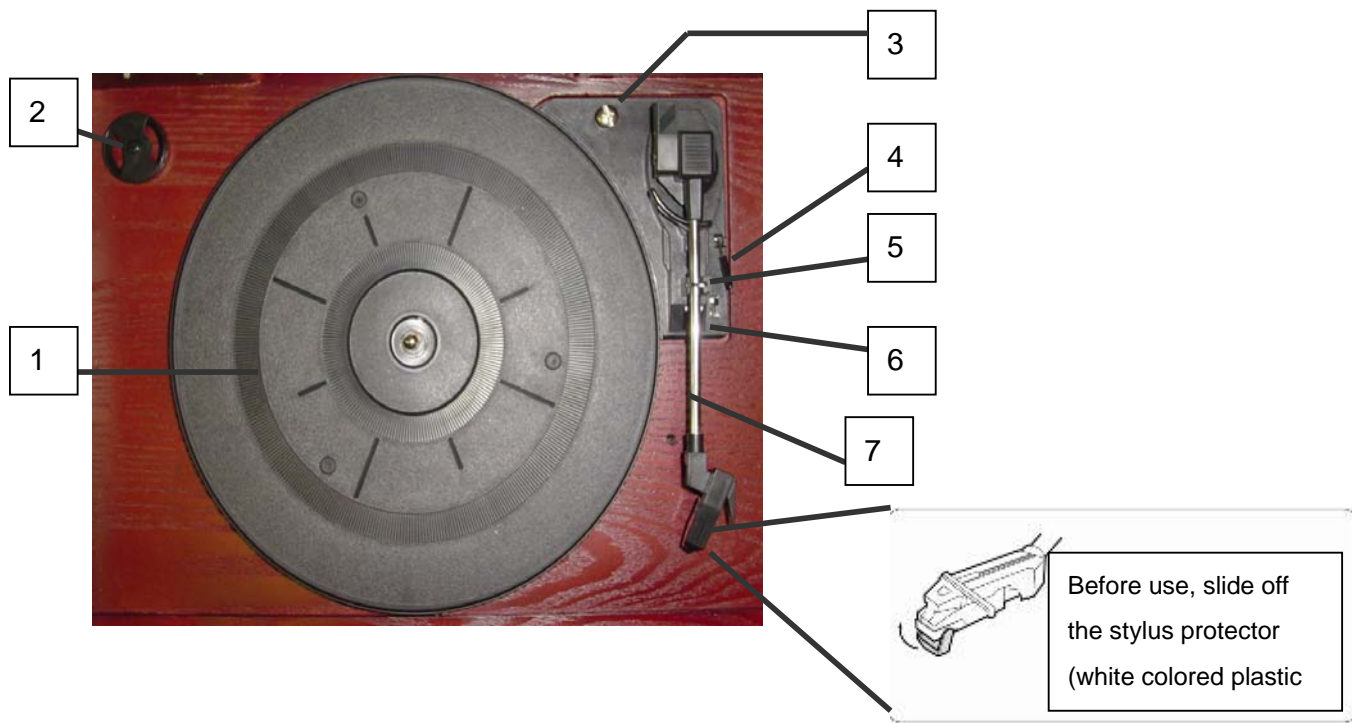
(**Note:** If you wish to pause the recording to record the other side of the Phono record or Cassette, press the PLAY/PAUSE button during the recording, and you will see the "**II**" symbol underneath the "REC" indicator on the display. (Then repeat Step 6 to continue the recording).

7. Press the **STOP** button when you are done recording.

8. Press the **FINALIZE** button to Finalize the CD. (**Note:** The Busy message should appear on the screen after you press **FINALIZE**, if you do not see the "**FIn-d**" message on the screen, please open and close the CD tray.)

9. Once the message is no longer on the screen then press the **Play/Pause** button.

10. Once the "NO TOC CD-R (or CD-RW)" indicator turns off, the CD is now finalized.

At this point you may now play the CD on any CD player.

Turntable Diagram

Top View

Before use, slide off the stylus protector (white colored plastic

1) Turntable Platter.

2) 45 RPM adaptor.

3) Shock absorbing tension screw.

When you transport the unit, turn the screw clockwise to secure the turntable.

Before use, completely loosen the screw by turning it counterclockwise with a coin or screwdriver. The platter will now absorb vibration and allow the tone arm and record to play correctly.
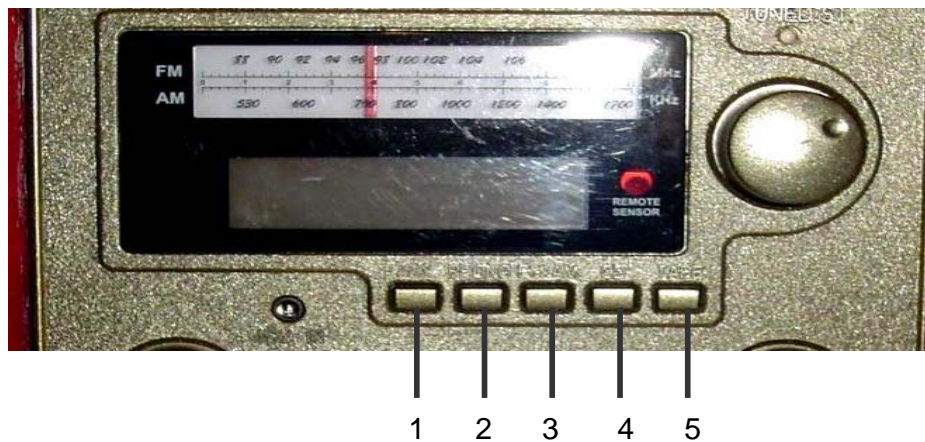

4) Cue-lever -> Use this lever to lift the tone arm.

5) Tone arm Support and clamp.

6) Speed selector.

7) Tone arm.

Front View

	LED CD Track Indicator
	AM / FM Radio Dial
	Music Source Selection Buttons
	CD Drawer

Music Source Selection Buttons---Push one of the five selection buttons in order to determine where your music source will play from.

1   2   3   4   5

1	AUX	Set the Music Source to AUX Inputs.
2	PHONO	Set the Music Source to PHONO.
3	FM-AM	Set the Music Source to FM/AM Radio.
4	CD	Set the Music Source to CD.
5	TAPE	Set the Music Source to TAPE.

Front View

## FM-AM Radio Control Button

AM / FM
Radio Dial

Radio Tuning
Knob

Radio Tuning Knob	Rotate this knob to select the AM or FM radio station you choose to listen to.

CD Control Buttons

1 2 3 4 5   6

PHONE
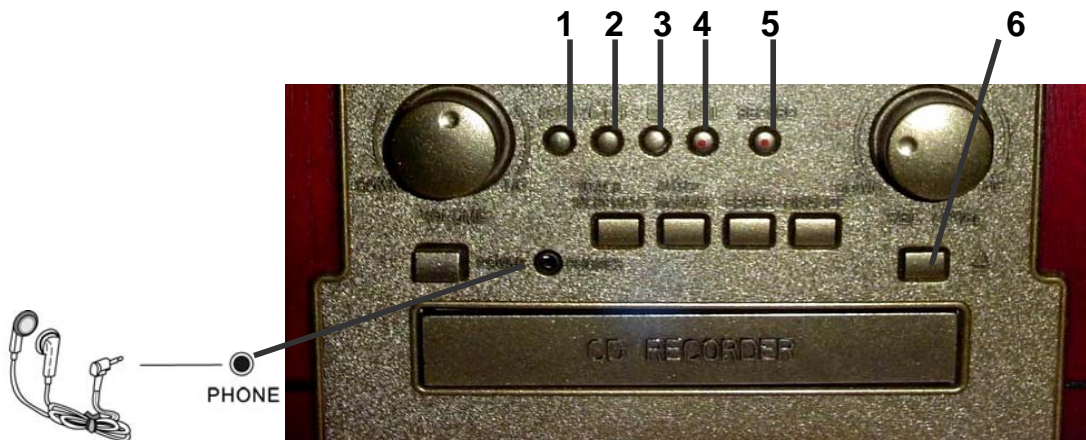
1	FAST REVERSE	By pressing this button the CD player will go back and play the previous song or track.
2	FAST FORWARD	By pressing this button the CD player will advance to the next song or track on the CD.
3	STOP	Stops the CD mechanism from playing.
4	PLAY / PAUSE	Press this button to play the CD in the drawer. Press this button a second time to pause the CD.
5	RECORD	Press this button to activate the Recording function.
6	OPEN / CLOSE	Opens the CD drawer to allow you to insert or remove a CD. Insert your CD with the label facing up into the drawer. Press the button again to close the CD drawer.
7	EARPHONE	You may use this jack to plug in earbuds or headphones to listen to your music privately. (External speakers will turn off.)

Back View

1   2   3   4
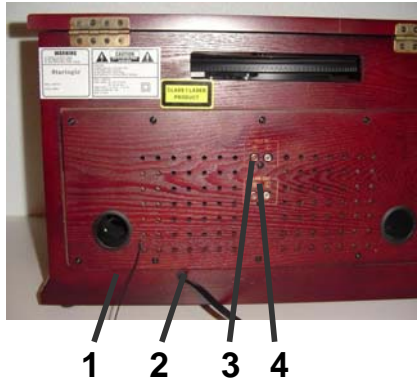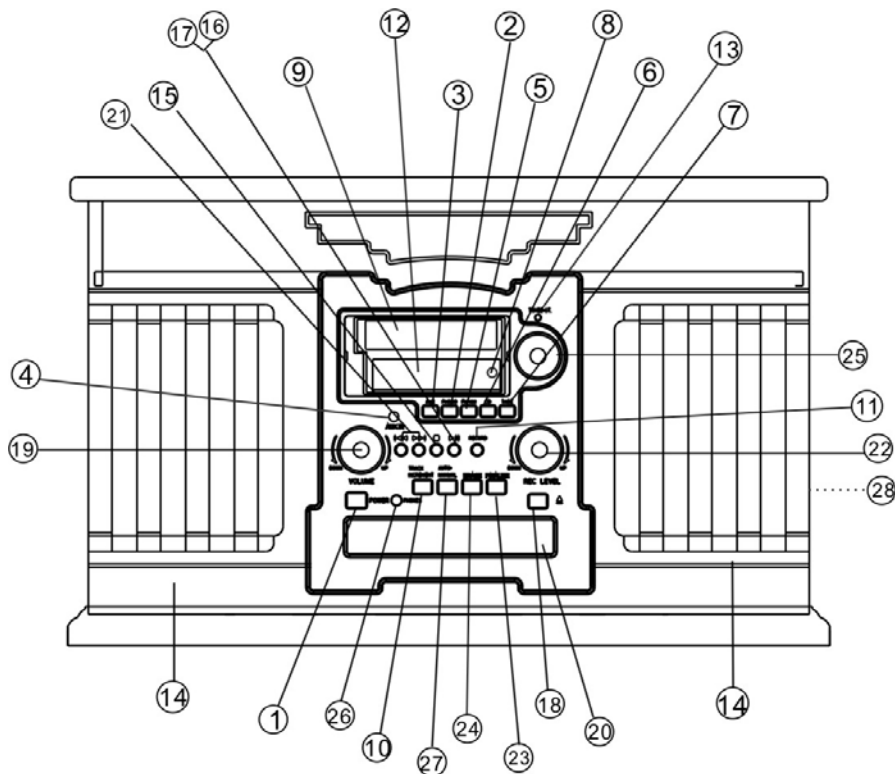
1	FM Antenna	While in FM mode, tune in an FM station and extend the antenna lead to find the best position for the reception. This antenna may need to be repositioned if you move your unit to a new location.
2	AC Power Cord	Plug the power cord into an AC wall socket.
3	AUX In Jacks	You can connect a CD player, cassette tape deck, etc. to this unit. Connect the component with RCA Type cables. Make sure to connect the white and red color jacks accordingly.
4	Line Out	You can connect the sound output of your Phono CD Recorder to the auxiliary input of your home entertainment receiver or other music systems.

AUX Input Operation

An external (auxiliary) audio source (i.e. personal CD player / MP3 player / Cassette Deck) can be connected to this unit and enjoyed through the speakers on this system and recorded to a CD.

- Plug the stereo cables (included) into the AUX IN socket on the back of the unit.
- Plug the other end of the cable into the headphone or Line Out socket of the external source.
- Once the aux cables are plugged in, it will override all other functions. You should remove the auxiliary cable to resume normal operation of the unit.
- You may use the Aux Input located at the front of the unit to connect small hand held audio devices such as MP3 or CD player via a phono jack cable connection (cable included).

Control Panel

1. POWER

2. PHONO

3. AUX

4. AUX IN Jack

5. FM/AM

6. CD

7. TAPE

8. REMOTE SENSOR

9. AM/FM RADIO DIAL

10. TRACK INCREMENT

11. RECORD

12. LED DISPLAY

13. RADIO TUNING STEREO INDICATOR

14. SPEAKERS (STEREO)

15. STOP PLAYBACK/RECORD

16. PLAY

17. PAUSE

18. OPEN/CLOSE CD TRAY

19. VOLUME

20. DISC TRAY

21. MUSIC SKIP

22. RECORD LEVEL

23. FINALIZE/UNFINALIZE

24. ERASE

25. RADIO STATION TUNING

26. HEADPHONE OUT JACK

27. MANUAL / AUTO REC

28. CASSETTE EJECT

Remote Control

1. OPEN / CLOSE TRAY   13. ERASE
2. DISPLAY   14. TRACK INCREMENT
3. PHONO   15. MANUAL / AUTO INCREMENT
4. REPEAT   16. RECORD
5. SHUFFLE   17. REC VOL -
6. AUX   18. REC VOL +
7. CD   19. PREVIOUS
8. PROGRAM   20. VOL +
9. CLEAR   21. VOL -
10. RADIO   22. NEXT
11. TAPE   23. PLAY / PAUSE
12. FINALIZE   24. STOP

Remote Control Unit

When operating the remote control unit, point it towards the front panel of the unit.

- Remote control operation may be interrupted if there are any obstacles between the unit and the remote control.
- If the remote control unit is operated near other appliances which generate infrared rays, or if other remote control devices using infrared rays are used near the unit, it may operate incorrectly.
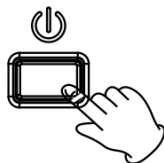
Battery Installation

Battery Compartment
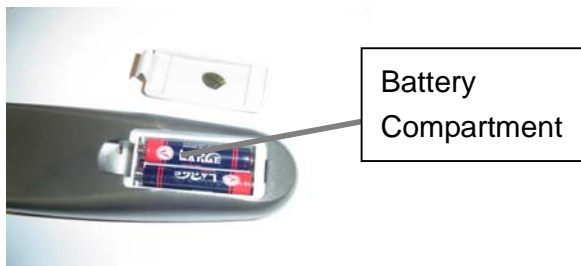
1. Remove the battery compartment cover.
2. Insert two "AAA" batteries. Make sure that the batteries are inserted with their positive "+" and "-" poles positioned correctly.
3. Close the cover.

Basic Operation

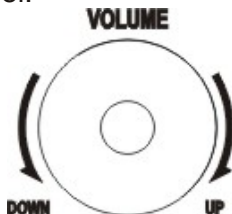**2**

3

1

1. Press the POWER switch to turn the unit on.

2. Select the music source by pressing the corresponding button.
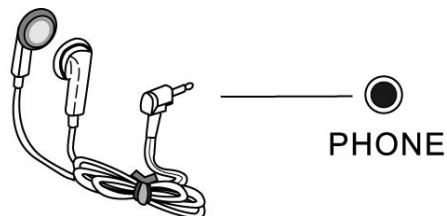
    AUX   PHONO   FM-AM   CD   TAPE

3. Rotate the VOLUME knob clockwise or counterclockwise to turn the radio on and adjust to desired sound level.

Listening through Earphones / Headphones (not included).

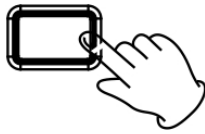Plug earphones into the phones out jack.

PHONE

The Sound to external speakers is shut off.
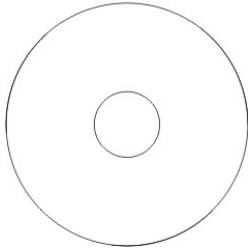
Listening to the Radio

1. Select FM or AM using the FM-AM button.

FM-AM

2. Tune to the desired frequency.

TUNING

If the reception is poor AM broadcast:

Reposition the unit to find the best position for AM stations.

FM broadcast:

Extend and move around the FM antenna so that you can receive the station clearly.

Listening to a Record

1. Press the PHONO button to select PHONO.
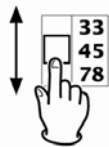
PHONO

1

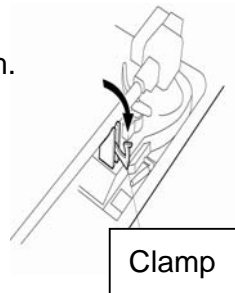2. Gently open the dust cover and secure the lid by extending the support.

3. Put the record on the turntable.
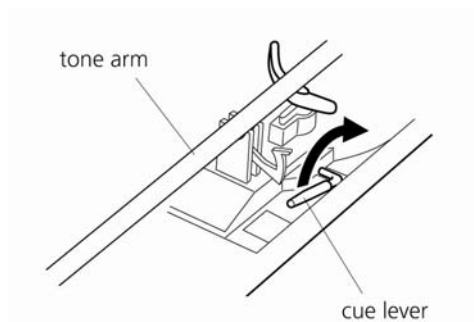When playing a 45 RPM record, use the included adaptor.

4. Select the speed.
33
45
78

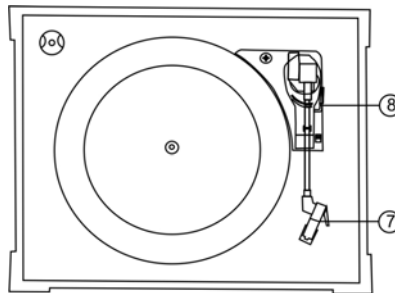5. Gently push the clamp to the right to release the tone arm.

Clamp

6. Raise the cue lever to lift the tone arm off the tone arm support.

tone arm

cue lever

Listening to a Record (Continue)

7. Move the tone arm gently to the edge of the record (or the starting point of a track).
The platter will begin to spin.
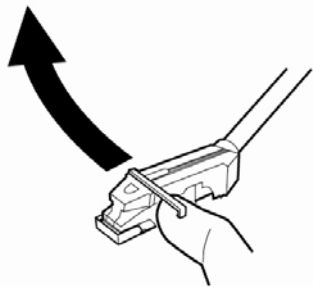
8. Gently lower the tone arm by slowly releasing the cue lever.
You can lower the tone arm manually if the cue lever has not been raised.

cue lever
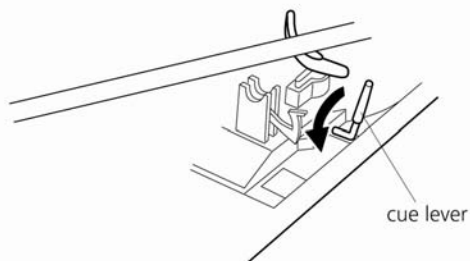
Playing records with the dust cover down will prevent dust from setting on the turntable.

When the playback has been finished, the tone arm automatically returns to the tone arm holder and the turntable rotation stops.
To stop playback manually, slightly lift the tone arm using the cue lever and return it to the tone arm holder.

tone arm

cue lever
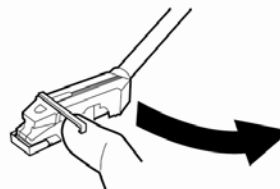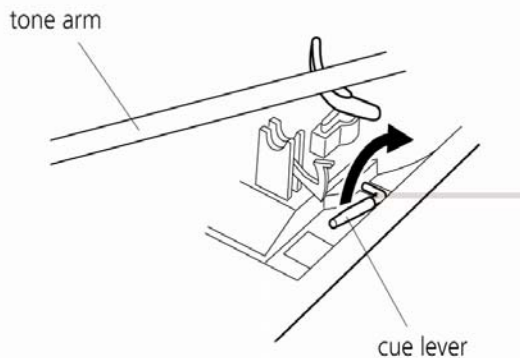
Listening to a Cassette Tape

1. Select TAPE using the TAPE button.

2. Insert the cassette into the tape deck. (**Note:** The Cassette will automatically start playing. Tape will play from right to left.)
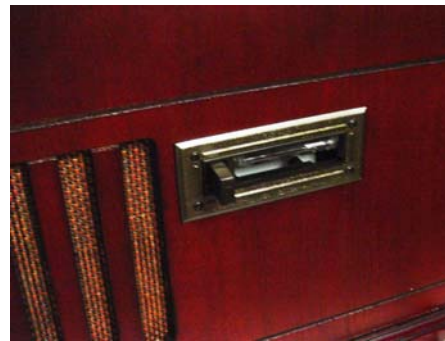
3. Press and release the Fast Forward / Eject button half way to Fast Forward the cassette.
Note: To stop the Fast Forward function, press and release the Fast Forward / Eject button gently.
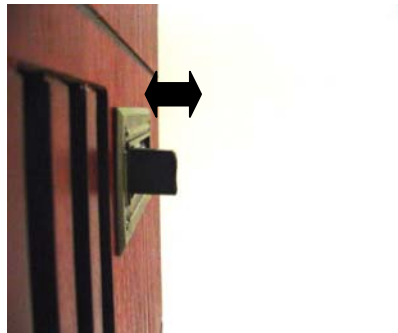
4. To eject the cassette, press the Fast Forward / Eject button all the way.
   Note: If you wish to stop the cassette, you'll have to eject the cassette.

Listening to a CD

1

1. Press the CD button.

CD

5

3 & 4
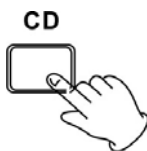
"--- BUSY CD" will appear in the Display.

When no disc is set in the tray, "NO DISC" will appear on the display.

2

2. Press the OPEN/CLOSE (⏏) button to insert a CD.

⏏

3. Place a disc in the tray with the printed label face up.
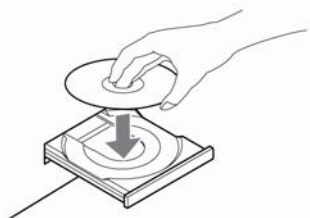
● Never place more than one disc on the tray.
● The disc must be placed in the center of the disc tray. If the disc is not correctly loaded, it may not be possible to open the tray again once it has closed, so you should ensure the disc is always centered on the tray.
● Do not force the tray by hand during opening and closing operations.

⏏

4. Press the OPEN/CLOSE button (⏏) to close the tray.

● It takes a few seconds for the unit to load the disc. No buttons will work during the loading process. Wait until the total number of the tracks and the total play time of the disc are displayed on the LCD Display.

NO TOC CD-RW
▶‖ 00 1ᵀᴿ 00:0 1 CD
ᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜᴜ

● The disc type indicator shows the type of disc currently loaded.

5. Press the PLAY/PAUSE button (▶‖) to start playback.

▷‖‖

16

Listening to a CD (Continue)

PREVIOUS   NEXT   STOP   PLAY / PAUSE

To suspend playback temporarily (pause mode).

1. Press the PAUSE button (▸ıı) during playback. Playback stops at the current position.

To resume playback, press the PLAY/PAUSE button (▸ıı).

To stop playback.

2. Press the STOP button (■) to stop playback.

To skip to the next or a previous track, press the correct buttons.

3. During playback, you may repeatedly press the PREVIOUS or NEXT button (ı◂◂ or ▸▸ı) until the desired track is found. The selected track will play from the beginning.

In the stop mode, press the PREVIOUS or NEXT button (ı◂◂ or ▸▸ı) repeatedly until the track you want to listen to is found, and press the PLAY button (▸ıı) to start playback from the selected track.

When the (ı◂◂) button is pressed during playback, the track being played will be played from the beginning. To return to the beginning of the previous track, press the (ı◂◂) button twice.

During playback, hold down the PREVIOUS or NEXT button (ı◂◂ or ▸▸ı) and release it when the part you want to listen to is found.

Understanding the LED Display

Display

Each time the DISPLAY button is pressed, the display changes as follows:
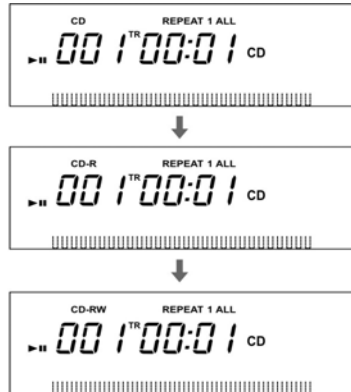
Unfinalized CD-R/CD-RW, stopped
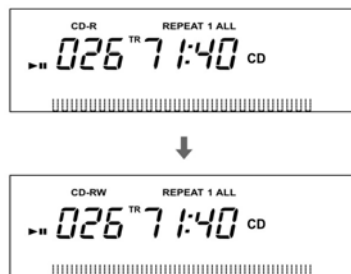
During recording

Using your Remote Control

Repeat Playback
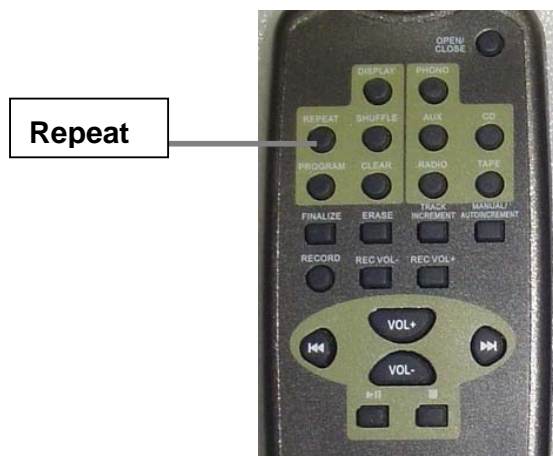
Repeat

Each time the REPEAT button is pressed, the repeat mode is changed as follows:
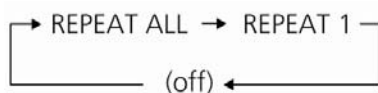
REPEAT ALL (Repeat ALL the Tracks)
Press the REPEAT button once during playback.
All the tracks of the disc will be played repeatedly.

REPEAT 1(Repeat one track)
Press the REPEAT button twice during playback.
The track being played will be played repeatedly. If you press the MUSIC SKIP button and select another track, the track you select will be played repeatedly.

It is also possible to select a track to be repeated in the stop mode. Press the REPEAT button twice and then select the track number by pressing the MUSIC SKIP button. Press the PLAY button to start playback.

If one of the following buttons is pressed, repeat mode will be cancelled:
OPEN/CLOSE, RADIO, PHONO, AUX, TAPE.
Repeat playback works with finalized discs only.

Using your Remote Control (Continue)

Shuffle Playback
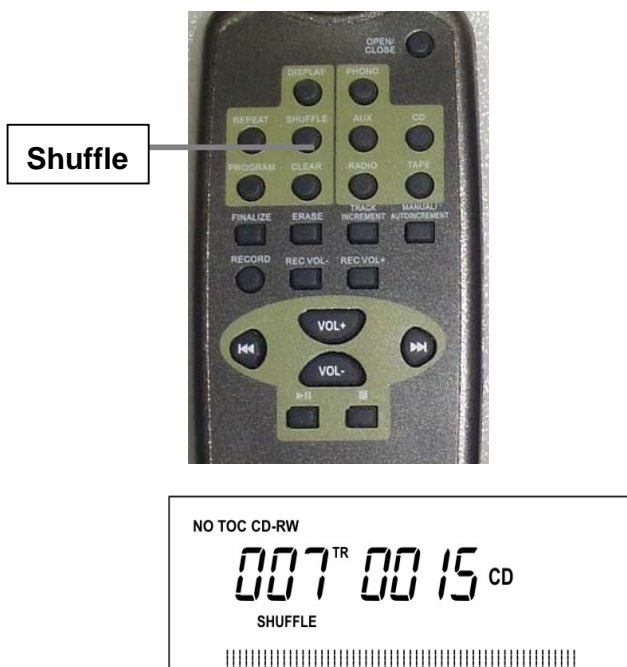
The CD tracks can be played randomly. Press the SHUFFLE button during playback. (In the stop mode, press the SHUFFLE button and the PLAY button).

When the SHUFFLE playback of all the tracks has been finished, the unit stops and the shuffle playback mode is cancelled.

If you press the (►►⊦) button during shuffle playback, next track will be randomly selected and played. If you press the (⊦◄◄) button, the currently played track will be played from the beginning. A track cannot be replayed during shuffle playback.

Shuffle playback will not work during programmed playback.

If one of the following buttons is pressed, shuffle mode will be cancelled:
SHUFFLE in the stop mode, OPEN/CLOSE, RADIO, PHONO, AUX, TAPE.

Shuffle playback works with finalized disc only.

Using your Remote Control (Continue)

Programmed Playback

Up to 32 tracks can be programmed in the desired order.
Insert a disc and select "CD" before beginning programming.
Shuffle playback does not work during programmed playback.
Programmed playback works with finalized discs only.

1 Press the PROGRAM button in the stop mode.

"PROGRAM" indicator blinks, and "P-01" appears on the display.

2 Press the PREVIOUS or NEXT button (|◄◄ or ►►|) to select a track.

3 Press the PROGRAM button.

The track is programmed, and "P-02" is display.
Repeat step 2 and 3 to program more tracks.
You can program up to 32 tracks.
To cancel the program mode, press the STOP button (■).

4 When the selection of track numbers has been finished, press the PLAY button (►II) to start
program playback.

<u>Using your Remote Control (Continue)</u>

Programmed Playback (Continue)

To check the programmed order
In the stop mode, press the PREVIOUS / NEXT button repeatedly to show the track numbers that have been stored in memory.
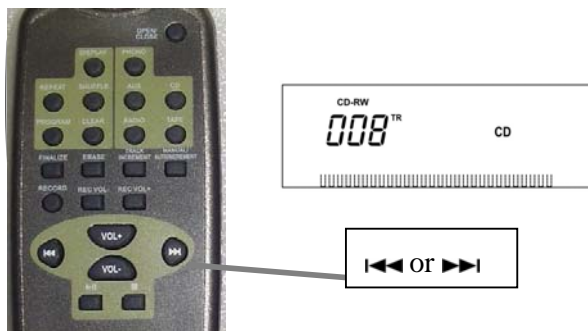
To add a track to the end of the program.

In the stop mode, press the PROGRAM button.
Select a track number by pressing the PREVIOUS / NEXT button, and then press the PROGRAM button.
The track is added to the end of the program.

To delete the last track from the program.

In the stop mode, press the CLEAR button to delete the last track from the program.

To clear the program

If one of the following buttons is pressed, the programmed contents will be cleared:
OPEN/CLOSE, RADIO, PHONO, AUX, TAPE or STOP when in the stop mode.

Recording CD-R and CD-RW Operation Steps

```
┌─────────────────────────┐
│ Load an empty or non-   │
│ finalized CD-R or CD-RW │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│                         │
│ Select Recording Source │
│                         │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│ Select Auto/Manual Track│
│ Increment Mode; Set Auto│
│ Track Increment         │
│ Sensitivity             │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│ Activate Recording      │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│ Test and Adjust Recording│
│ Level                   │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│ Start Recording         │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│ Track Division          │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│ Finalizing Recorded Disc│
└─────────────────────────┘
```

*It is suggested to use the Manual Track mode for creating a CD with tracks as on the album.

For Recorded CD-RW
- Unfinalizing
- Erasing

Please refer to the detailed operation instructions that follow.

For CD-R or CD-RW discs, if they are recorded and finalized, the disc can be played by ordinary CD players. If it is recorded but not finalized, the disc will not be playable by ordinary CD players.

Recording a CD-R and CD-RW Disc

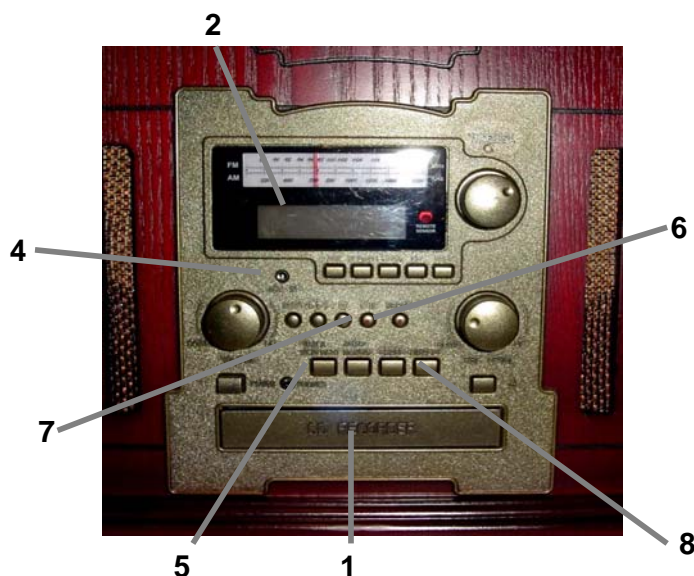Audio from a Phono Record, Cassette Tape or Auxiliary device can be recorded on the CD recorder.

1. Insert a blank Audio CD-R or CD-RW disc into the CD tray.

Press the OPEN/CLOSE button (⏏), place a disc on the disc tray with the printed label side up, then press the OPEN/CLOSE button (⏏) to close the disc tray.

2. On the Display you should see the "NO TOC CD-R (or CD-RW)" indicator will appear on the screen.
*Note: Make sure the "NO TOC CD-R (or CD-RW)" indicator lights on the display, or the RECORD function will not work.

NO TOC Indicator

3. A) When recording from a Phono record, place the Phono Record on the turntable and place the needle / stylus on the Record. (**Note:** make sure the speed selector is set to the proper RPM according to the Record's RPM).

Press the **PHONO** button to select the Phono record as your music source.
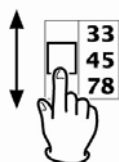
Recording a CD-R or CD-RW Disc (Continue)

B) When recording from a Cassette tape, load the Cassette tape into the unit (located on side of the unit) Playback will automatically begin. (You may press the Fast Forward / Eject button halfway to Fast Forward the Tape. Press and release the button gently and playback will resume. Press the button all the way to end playback and eject the Tape.)

Press the **TAPE** button to select the Cassette Tape as your music source.
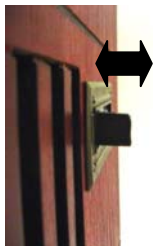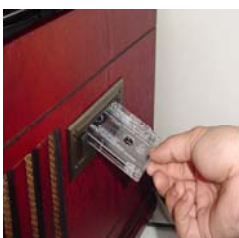
C) When recording from an external source, connect the Auxiliary device using the AUX IN jacks located on the front and back of the unit.

Press the **AUX** button to select the Auxiliary device as your music source.

AUX IN Jacks

4. To initiate the recording, press the Record button on the unit or on the remote control.

The "REC" indicator will appear on the display, right below the "NO TOC CD-R (or CD-RW)" indicator.
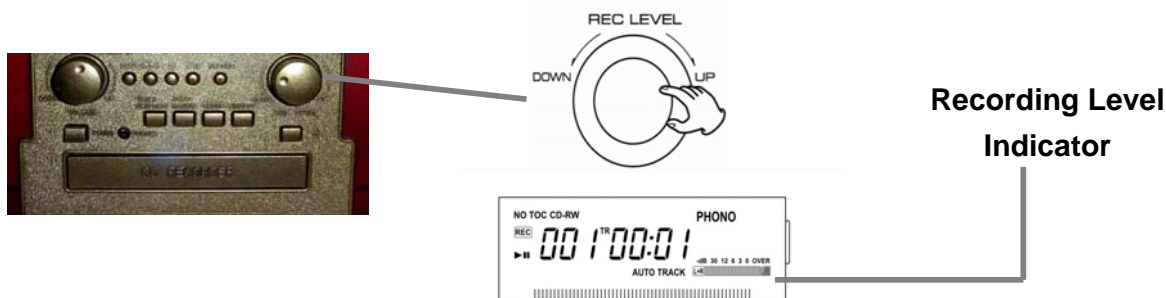
RECORD

REC Indicator

5. If you wish to adjust the track increment manually, you may now press the TRACK INCREMENT button. You will see the AUTO TRACK indicator will no longer be visible in the display.

TRACK INCREMENT

Recording a CD-R or CD-RW Disc (Continue)

If necessary, adjust the recording level using the REC LEVEL knob, the display will show from 00 - 79.

Recording Level Indicator

Play the source to be recorded and adjust the recording level so that the highest level reached on the meter does not exceed the "OVER" indicator on the peak level meter.

A. Manual Track Division.

You can divide your recording into separate CD tracks if you wish. This will allow each song to have it's own sequential track number. To perform this step, use the Track Increment button.

While recording the record or cassette, as it approaches the end of a song, listen for the silence between songs. At this point press the Track Increment button. The recording will advance to the next track number.

B. Automatic Track Division

If you cannot attend the recording as it plays through the album, you may choose the Auto Track mode. Press the Auto/Manual button until Auto Track appears in the display.

The recorder will now divide the songs automatically into separate tracks, when the sound level has dropped below the -20dB / -30dB / -40dB sound levels for more than 2 seconds as shown on the level meter in the display.

Note: A word of caution, when using the Automatic Track Division. If within a song there is a silence detected for 2 seconds, the recorder will detect this as a new song and therefore create a new track.
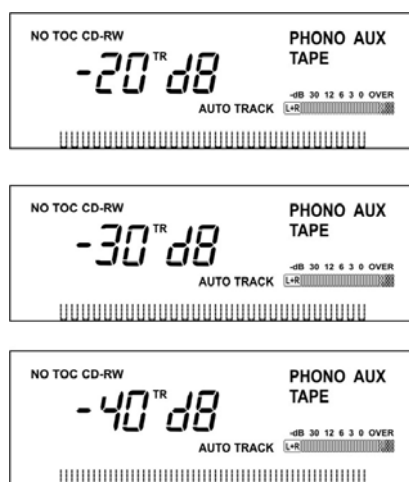
6. Press the PLAY / PAUSE (▶II) button on the remote control (recommended) to start the recording process.

*Note: When recording from a Phono Record or a Cassette Tape, if you wish to pause the recording to record the other side of the album or tape, press the Play / Pause button to Pause the recording.

Once you see the pause "**II**" symbol underneath the "REC" indicator on the display, flip the album or eject the tape and flip the tape. Press the PLAY / PAUSE button again to resume the recording.

Recording a CD-R or CD-RW Disc (Continue)

7. Once you are finish with the recording, press the STOP button to stop the recording.
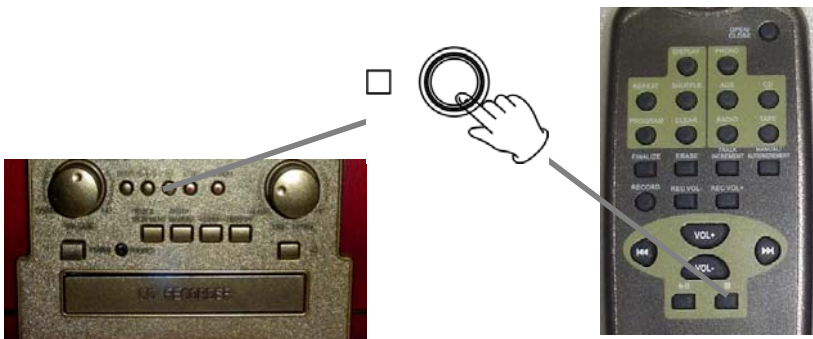
8. To finalize the CD, press the FINALIZE button on the unit. (**Note:** Once you press the FINALIZE button, the "BUSY" message should appear on the display and the "**FIn-d**" message will appear on the display.)
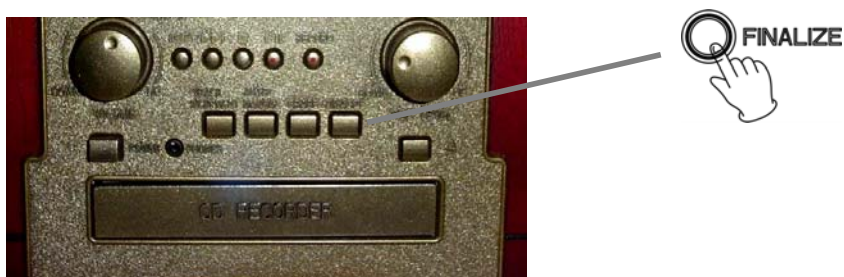
9. Press the PLAY / PAUSE (▶II) button on the remote control (recommended) to start the finalization process.
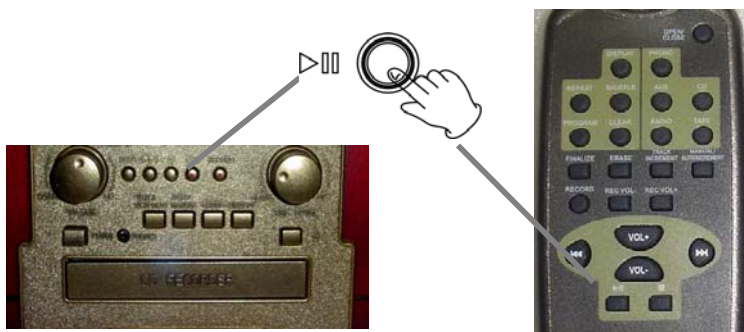
10. Once the "NO TOC CD-R (or CD-RW)" indicator goes off, the CD is finalized.

NO TOC CD-R Indicator
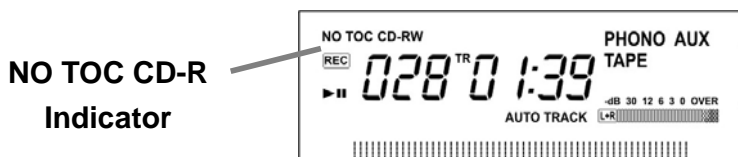
11. You may now play the CD on any CD player and enjoy your music.

Finalizing

This section deals with the steps taken after recording.

Once finalized, CD-R discs are truly final. No more tracks can be recorded on them. By contrast, CD-RW disc can be "un-finalized", and if there is space, further material can be recorded on them.

In order for a disc to become a standard CD, it must have a Table of Contents (TOC) written to it. This process is known as finalizing.

1 Press the FINALIZE button while in the stop mode.

"**Fln—d**" message will appear on the display.
To cancel the finalizing process, press the STOP button (■).

2 Press the PLAY (▶❚❚) button to start finalizing.

The display will show "--- BUSY" during finalization, wait until the "BUSY" message disappears to complete the finalization.

The finalization time is subject to the contents of record, it may take several minutes in some cases. When the operation has finished, the NO TOC indicator turns off and the display returns to the track / time display.

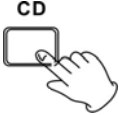During finalization, no other functions will work during this important step.
***Note:** Never turn the power off nor unplug the power cord.

Although finalized CD-R discs may be played on ordinary CD players, remember that finalized CD-RW discs may not play on ordinary CD players.

Erase or UnFinalize a CD-RW

It is possible to erase the last recorded track, it is also possible to erase a whole disc.

Erase procedures are possible only on an UNFINALIZED CD-RW disc. If a CD-RW disc has been finalized, unfinalize it prior to erasure.

1 Press the CD button to select "CD".

2 Load a recorded CD-RW.

3 Press the ERASE button in the stop mode.

(1). Wait until "BUSY" message disappears on the display.
(2). Press the (►ıı) button to begin erasing the last track.
(3). Repeating press the Erase button to continue to the next track.

"Er" and the last track number will appear in the display when the disc hasn't been finalized. Each time the ERASE button is pressed, the display changes as follows:

"Er" and the number of the last track recorded on the disc. Select this to erase the last track on the disc. **Note:** This will not appear when only one track is recorded on the disc.

Select erase all to delete all of the tracks.
To cancel the erasing or un-finalizing process, (■) press the STOP button
4 (1).Press and hold the "Erase" button till the display shows "Erase All".
   (2). Press play (►ıı) button to begin the erasing procedure.
   (3). The Display will show 0000000 to confirm the disc is clear.

The remaining time for the operation appears in the display. When the operation has been finished, the display returns to the track/time display.

During the erasing / unfinalization function, no other functions will work.
*Note: Never turn the power off nor unplug the power cord during this process.

This operation cannot be reversed. If you are going to erase a track or tracks, make sure that they are recordings that you really want to erase.

Copies of CD-RW discs from other units can't be erased one by one in this unit, but can be erased completely.

Specifications

Amplifier section

Output Power……………………………...5 W + 5W

Frequency Response……………….…..60 to 20, 000 Hz

Tuner section

FM Section

Frequency Range…………………………88 to 108 MHz

AM Section

Frequency Range…………………..…...530 to 1710 KHz

CD PLAYER section

Frequency Response…………………….60 to 20, 000 Hz +/-4 dB

Signal-to-Noise Ratio……………….……55 dB (IEC-A)

Cassette Deck section

Track System………………………..…..4 Track, 2 channel stereo

Tape Speed…………………………….....4.8 cm/sec

Wow and Flutter…………………………..0.4% (WRMS)

Frequency Response………….…….…...125 to 6300 Hz +/-6 dB

Record Player section

Motor………………………………………....DC servo motor

Drive System………………………..……Belt Drive

Speeds…………………………………….33-1/3 rpm, 45 rpm and 78 rpm

Wow &Flutter…………………….…..……Less than 0.35% (WTD)

S/N Ratio……………………….………….More than 50 dB

Cartridge Type………………….…………Ceramic Stereo Cartridge

Stylus………………………………………402-M208-165

SPEAKER SYSTEM section

Type…………………………………….…..1-way

Impedance……………………………...8 ohms

Input Power……………………………..Max. 10W

GENERAL

Power Requirements……………….………AC 120 V~ 60 Hz

Power Consumption………………………60 W

Standard Accessories……………..………Operating Instruction Booklet; 45 rpm Adapter

Remote Control, Aux In/Out Cable

Troubleshooting Guide

Music System		
Problem	**Cause**	**Solution**
Power does not come on.	Unit is unplugged.	Connect the unit to the AC power supply.
No sound comes out of the speakers.	The volume is turned down (to MIN.) The input selector does not match the play back source.	Adjust the volume. Re-select the desired input source.
The Sound is noisy.	The unit is too close to a TV set or another similar appliance which is causing interference.	Turn Off the TV or other appliance and relocate the unit.
The CD Player		
CD Stops immediately after starting.	The CD is inserted upside down. The CD is dusty or dirty.	Insert the CD with the printed side facing up. Clean the CD before inserting to the unit.
No sound comes out of the speakers.	The CD player is paused.	Press the PLAY/PAUSE button to play the CD.
Specific CD is noisy or playback stops or skips.	The CD is scratched, damaged or warped, or the disc is very dirty.	The CD should be changed. Carefully clean the CD.
Tape Deck		
The cassette deck door cannot open.	The cassette tape is not inserted properly.	Insert the cassette tape correctly.
No sound from tape.	The tape heads are dirty.	Clean the tape heads.
Cannot record.	The write-protect tabs on the cassette have been broken off. The tape heads are dirty. You are trying to record on metal (Type IV) tape.	Tape over the holes with cellophane tape. Clean the tape heads. Use a normal (Type I) tape.
Radio Tuner		
Cannot listen to any station, or signal appears weak.	The station is not tuned-in properly. A TV set is being used nearby and is interfering with the radio reception.	Properly tune-in the desired station. Turn-off the interfering TV set.
The sound is distorted.	The antenna is not oriented properly.	Re-orient the antenna until reception improves.

Handling Records

- Do not touch the record's grooves. Only handle records by the edges or the label with clean hands. Otherwise, dirty hands can leave a residue on the record surface that will gradually deteriorate the quality of your record.
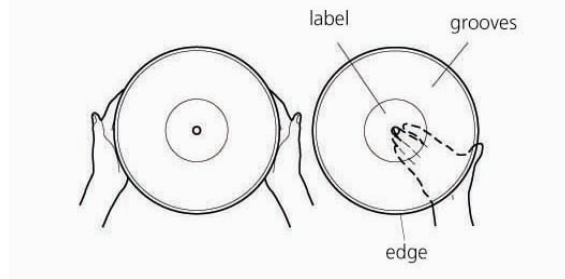
- Using a soft anti-static cloth to gently wipe the record surface when the record has become dirty.
- Keep records in their album covers when not in use.
- Store records upright on their edges. The level store would make it become curved.
- Avoid placing records in direct sunlight or close to a source of heat such as radiators, stoves. Also avoid locations subject to vibration and excessive dust, heat, cold or moisture.

How to Replace the Stylus

The stylus should last about 50 hours of playing time under normal use. However, it is recommenced that the stylus be replaced as soon as you notice a change in sound quality. Prolonged use of a worn-out stylus may damage the record. The higher speeds of 78 RPM records will tend to wear out the stylus faster.

Caution:

- Do not remove or bend the stylus.
- Do not touch the needle, which may injure your hand.
- Turn off the unit's power before you replace the stylus.
- Keep out of the reach of children.
- Avoid direct sunlight or placing records close to a source of heat.

Removing old stylus

1. Set a small tool edge at the tip of the stylus and push down in the direction "A".
2. Remove the stylus by pulling it forward and down.
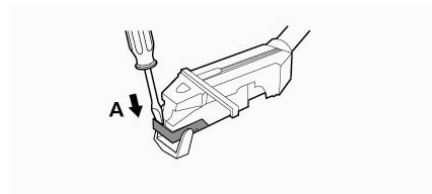
Installing a new stylus

1. Hold the tip of the stylus and insert the leading edge by pushing in the direction "B".
2. Push up in direction "C" until it locks at the tip.
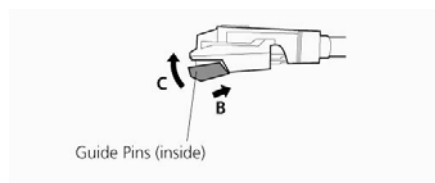
About CD-R and CD-RW discs

CD-R discs can be recorded once only. Once they have been used for recording, they cannot be erased or re-recorded. However, if space is available on the disc (and the disc has not been Finalized), additional material can be recorded.

By contrast, a CD-RW disc can be used in much the same way as a CD-R disc, but the last track or tracks recorded can be erased, and the space on the disc can be re-used for other recordings.

However, you should note that an audio CD created using a CD-RW disc may not play back satisfactorily on other audio CD-players such as the CD player on your automobile.
CD-R, by contrast, can be played on the majority of audio CD players.

Discs

Please use CD, CD-R and CD-RW discs bearing the "DIGITAL AUDIO" mark.
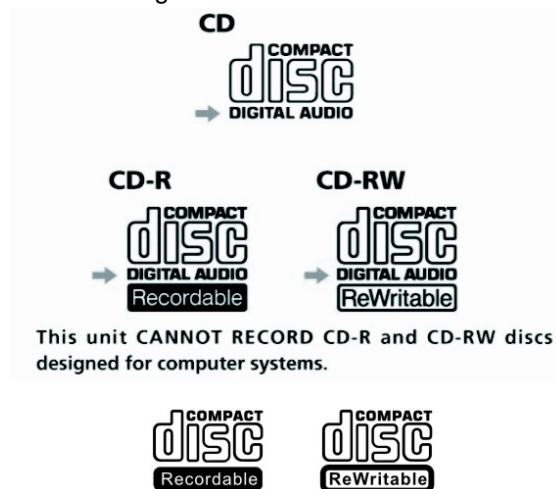
In this manual, although we refer to "CD-R" and "CD-RW" disc, we always mean "CD-R Digital Audio" and "CD-RW Digital Audio", even when this is not explicitly stated.

- "CD-R" and "CD-RW" discs designed for computer systems and properly recorded by a computer are playable, but this unit cannot record, finalize or erase them.
- Depending on the quality of the disc and the condition of the recording, some CD-R/CD-RW disc may not be playable.
- Always place the disc on the disc tray with the label side facing up (compact discs can be played or recorded only on one side)
- To move 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.


How to remove the disc   How to hold the disc
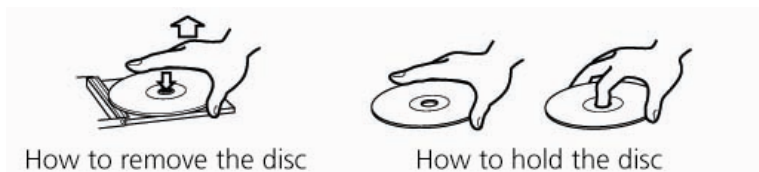
- If the disc(s) become dirty, wipe the surface from the center hole outward towards the outer edge with a soft, dry cloth.

Discs (Continued)

- Never use such chemicals as record spray, antistatic sprays or fluid, benzine or thinner to clean the discs. Such chemicals will do irreparable damage to the disc's plastic surface.
- Discs should be returned to their cases after use to avoid dust and scratches that could cause the laser pick up to "skip".
- Do not expose discs to direct sunlight or high humidity and temperature for extend periods. Long exposure to high temperatures will warp the disc.
- Printable CD-R and CD-RW discs are not recommended, as the label side might be sticky and damage the unit.
- Use a soft oil-based felt-tipped pen to write the information on the label side. Never use a ball-point or hard-tipped pen, as this may cause damage to the recorded side.
- Do not use CDs with an irregular shape(octagonal, heart shaped, business card size, etc).CDs of this sort can damage the unit:
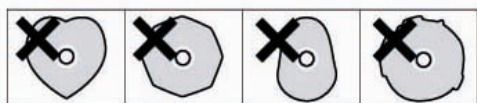
- If you have any doubts of using CD-R/CD-RW disc, read the precautions supplied with the disc, or contact the disc manufacture directly.

Precautions

Safety Information

CAUTION:
- In order to shut off the power to this product completely, unplug the power cord from the wall outlet. Be sure to unplug the unit if you do not intend to use it for an extended period of time such as a vacation.
- Do not remove the protective housing.
- Use of controls and adjustments or performance of procedures other than those specified herein may result in hazardous exposure.
- If this product develops trouble, contact our service center, and do not use the product in a defective state.

Safety Precautions

WARNING:
To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
CAUTION:
Use of controls or adjustments or performance of procedures other than those specified may result in hazardous exposure.

CAUTION
RISK OF ELECTRIC SHOCK- DOES NOT OPEN!
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 light flash with arrowhead symbol, within an equilateral triangle, is intended to alert user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION:
For compact disc units only: invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to laser beam.

1. Choose unit installation location carefully. Avoid placing it in direct sunlight or close to a source of heat. Also avoid locations subject to vibrations and excessive dust, cold or moisture.

2. Do not open the cabinet as this might result in damage to the circuitry or electrical shock, if a foreign object should get into the set, contact your dealer.

3. Be sure not to handle discs with dirty fingers. Never insert a disc that has a crack on the surface.

4. When removing the power plug from the wall outlet, always pull directly on the plug, never pull the cord.

5. To keep the CD laser pickup clean, do not touch it, and do not forget to close the disc tray.

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

7. In order to shut off the power to this product completely, unplug the power cord from the wall outlet. Be sure to unplug the unit if you do not intend to use it for an extended period of time.

8. Keep this manual in a safe place for future reference.

FCC Norm

FCC

This equipment has been tested and complies with limits for Class B digital devices pursuant to Part 15 of Federal Communications Commission (FCC) rules.

FCC Compliance Statement

These limits are designed to provide reasonable protection against frequency interference in residential installations. This equipment generates, and radiates radio frequency energy, and if not installed properly or used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in television reception, which can be determined by turning the equipment on and off. Interference may be corrected by one or more of the following measures:

- **Reorient or relocate the receiving antenna**

- **Increase the separation between the equipment and the receiver**

- **Plug the equipment into an outlet on a circuit different from that to which the receiver is connected.**

CAUTION!

The Federal Communications Commission warns the user that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Customer Service

This product is backed by the exclusive firstSTREET Guarantee. Try this product for 90 days. If for any reason you are not completely satisfied with your purchase, simply return the product within 90 days for a full refund of your purchase price, less shipping and handling or a merchandise credit to firstSTREET.

To find out more information about the firstSTREET 90-day home trial, or for answers to any of your questions you may contact the firstSTREET customer service department Monday through Friday from 9AM to 8PM (Eastern Time) at (800) 958-8324.

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For technical support and answers to questions regarding the operation and installation of this Starlogic item you may contact the manufacturer's technical support team by calling the toll free number below to obtain help. A customer service representative will assist you.

Please have the following information available when you call the service center:
- Your Name and Address
- Date of Purchase
- Model Number
- Serial Number
- Store Name and Address
- Type of problem with the unit

To contact technical support, please call 1-508-435-4830 or 1-800-639-3803.
Email Support: techsupport@fourstari.com

Manufacturer's Warranty

90 Day Limited Warranty

This product is warranted to be free from defects in material and workmanship for a period of 90 days. Warranty obligations are limited to replacement or repair of defective parts and components, at the option of the manufacturer. The warranty of this product is null and void if the product is subjected to negligence, abuse, modification, misuse, accident or if the customer uses the product for a function it was not intended for.

This warranty is only valid for the original purchaser of this product and will not be honored if the product is resold. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

The manufacturer will not be liable for incidental or consequential damages caused by the use of this product. The manufacture will not be liable for any costs such as lost profits or revenues, cost of temporary replacements, loss of data, loss of equipment or use of equipment or any claims by third parties.

In order to contact the manufacturer's technical support department, please call
1-508-435-4830 or 1-800-639-3803.

E-mail Support: techsupport@fourstari.com

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