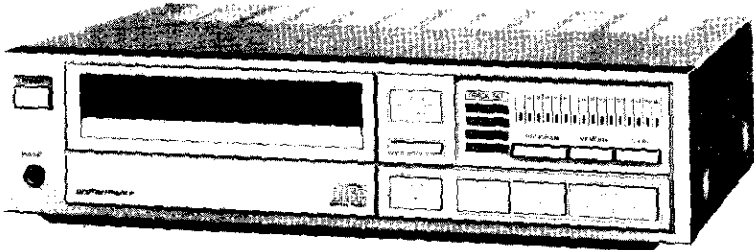


Sears

OWNERS
MANUAL

MODEL NO.
564.97500351
SERIES

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performance
COMPACT DISC PLAYER

INSTALLATION
OPERATION

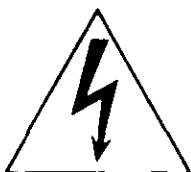
Record in space provided below the Model No. and Serial No. of this compact disc player.
The Model No. is located on the rear. The Serial No. is located on the rear.

Model No. _____
Serial No. _____

Retain these numbers for future reference.

FOR SAFE AND EFFICIENT OPERATION

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



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



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



Alerts you for uninsulated "dangerous voltage" inside the unit.



Alerts you for important operating and maintenance (servicing) instruction in the instruction manual.

NOTE

This unit may cause interference to radio and television reception if you do not operate it in strict accordance with our OWNERS MANUAL.

This unit complies with Class B computing device rules in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

If the unit does cause interference to any radio or television reception, try to reduce it by one or more of the followings means:

- a) rotate other unit to improve reception
- b) relocate this unit
- c) move this unit away from others
- d) plug this unit individually into a different AC outlet

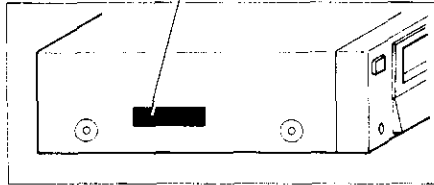
* This is a note in pursuant to Section 15.838 of the FCC Rules.

- * Be careful that the power cord does not become damaged.
- * When not in use, disconnect the power cord from the outlet. Grasp the plug when disconnecting the cord.
- * If water should enter the unit, electrical shock or malfunction may result.
- * Do not disassemble or alter this unit in any way.
- * Do not use where there are extremes in temperature (below 40° F or exceeding 95° F) or where direct sunlight may strike it.
- * Do not use in places that are damp or dusty.
- * Place the player in a stable location and in a horizontal position.

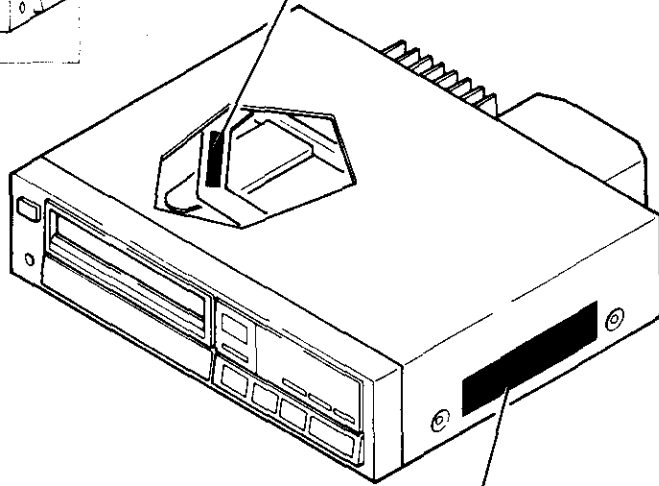
SAFETY CERTIFICATION



The Compact Disc Player is made and tested to meet exacting safety standards. It meets UL and FCC requirements and complies with safety performance standards of the U.S. Department of Health and Human Services.

SEARS, ROEBUCK AND CO.,
CHICAGO ILLINOIS 60684, U.S.A.



DANGER – Invisible laser radiation when open and interlock failed or defeated.
AVOID DIRECT EXPOSURE TO BEAM.



	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN		DANGER – Invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM.
PRODUCT COMPLIES WITH DHHS RULES 21 CFR SUBCHAPTER J, PART 1040.10 AT DATE OF MANUFACTURE			
MANUFACTURED: DECEMBER 1983			
MANUFACTURER: SRS			

CAUTION – USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

THE COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

- * Because of the player's extremely low noise and wide dynamic range, there might be a tendency to turn the volume on the amplifier unnecessarily high. Doing so may produce an excessively large output from the amplifier which could damage your speakers.
 - * Do not obstruct the air holes or place the player on an amplifier or anything that may give off heat.
 - * Sudden changes in the surrounding temperature can cause dew to form on the optical lens inside. In this condition the laser cannot pick up the signal and the unit will not operate properly. If this should happen, do not use the player until it has adjusted to the surrounding temperature.
 - * Do not use volatile chemicals on this unit (insecticides, etc.). Clean by lightly wiping with a soft cloth.
 - * If trouble occurs
- To avoid electric shock hazard or any accidents to yourself or the unit, have the unit bench tested by a qualified, trained person.
Do not remove the unit from its cabinet to attempt a repair yourself.

TECHNICAL SPECIFICATIONS

Audio

Channels	2 channels
Frequency response	5 – 20,000 Hz
Dynamic range	greater than 90 dB
Channel separation	90 dB (1 kHz)
Distortion	0.003% (1 kHz)
Wow and flutter	Undetectable
Outputs	Output: 2 V/470 ohms Phones: 7.8 mW (at 8 ohms) (impedance range: 8 ohms – 10 kohms)

Signal format

Sampling frequency	44.1 kHz
Quantization	16 bits linear/channel
Transmission rate	4.3218 Mbit/sec.

Pickup

System	Objective drive system light pickup
Objective drive system	2-dimensional parallel drive
Light source	Semiconductor laser
Wave length	790 nm

General

Power supply	AC 120 V, 60 Hz
Power consumption	35 W
Dimensions (approx.)	13-3/16" (W) x 3-1/2" (H) x 10-5/8" (D) (335 x 88 x 270 mm) (not including power transformer)
Weight (approx.)	13 lbs. 3 ozs. (6 kg)

* Specifications and design subject to change without notice.

FEATURES

This *performance* Compact Disc Player reproduces a digital audio signal from a 4-3/4" (12-cm) disc by means of a semiconductor laser pickup. This system can reproduce sound without noise or crosstalk and with the same full dynamic range and feel of a live performance. Unlike conventional analog systems, this digital system uses a pickup that scans the disc surface without coming into contact with it, thus giving you unsurpassed operability that lets you listen to those selections that you want to hear quickly and easily.

- * Discs last almost forever thanks to the laser beam that picks up the signal so that nothing comes into contact with the disc surface.
 - * Outstanding playback characteristics
 - A frequency response of 5 – 20,000 Hz
 - A dynamic range of 90 dB or better
 - 0.003% distortion
 - Wow and flutter that is virtually undetectable
 - 90 dB channel separation
- This system surpasses all performance limits of conventional analog-system discs and players.
- * Quick and easy selection search and programming thanks to the microcomputer.
 - * A variety of functions
 - Fast automatic selection search
 - Up to 16-selection program play (memory) – Listen to your favorite selections in any order.
 - Repeat function
 - Pause

BEFORE USE OR TRANSPORTATION

BEFORE USE

1. Fully loosen the disc tray fixing screw located on the bottom of the unit with a screwdriver.
2. Remove the pickup fixing screw.
(For retaining the screw in case any subsequent transport of the unit is required, tighten the screw temporarily on the screw hole "A".)
3. Set the PICK-UP FIXING SWITCH located on the back of the unit to the OFF position (Fig. 1).

BEFORE TRANSPORTATION TO AVOID DAMAGE TO THE LASER ASSEMBLY

1. Release the POWER button to off.
2. Set the PICK-UP FIXING SWITCH to the ON position.
3. Press the POWER button to on and wait for about 10 seconds.
4. Release the POWER button to off.
5. Secure the pickup fixing screw.
6. Secure the disc tray fixing screw.

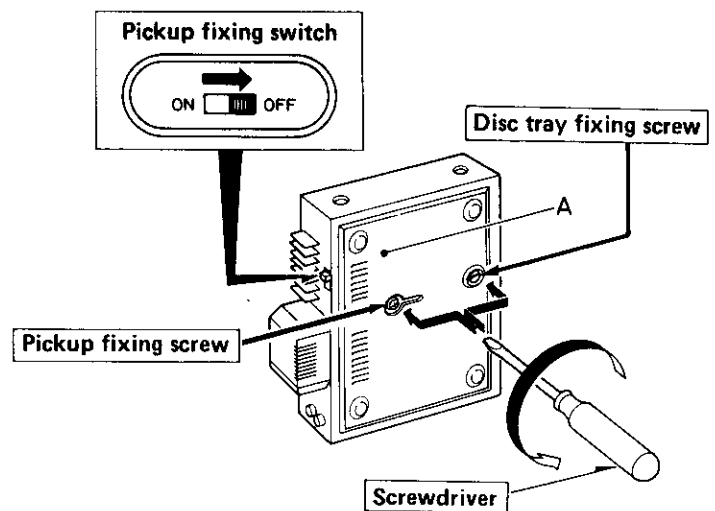


Fig. 1

CONTROLS AND THEIR FUNCTIONS

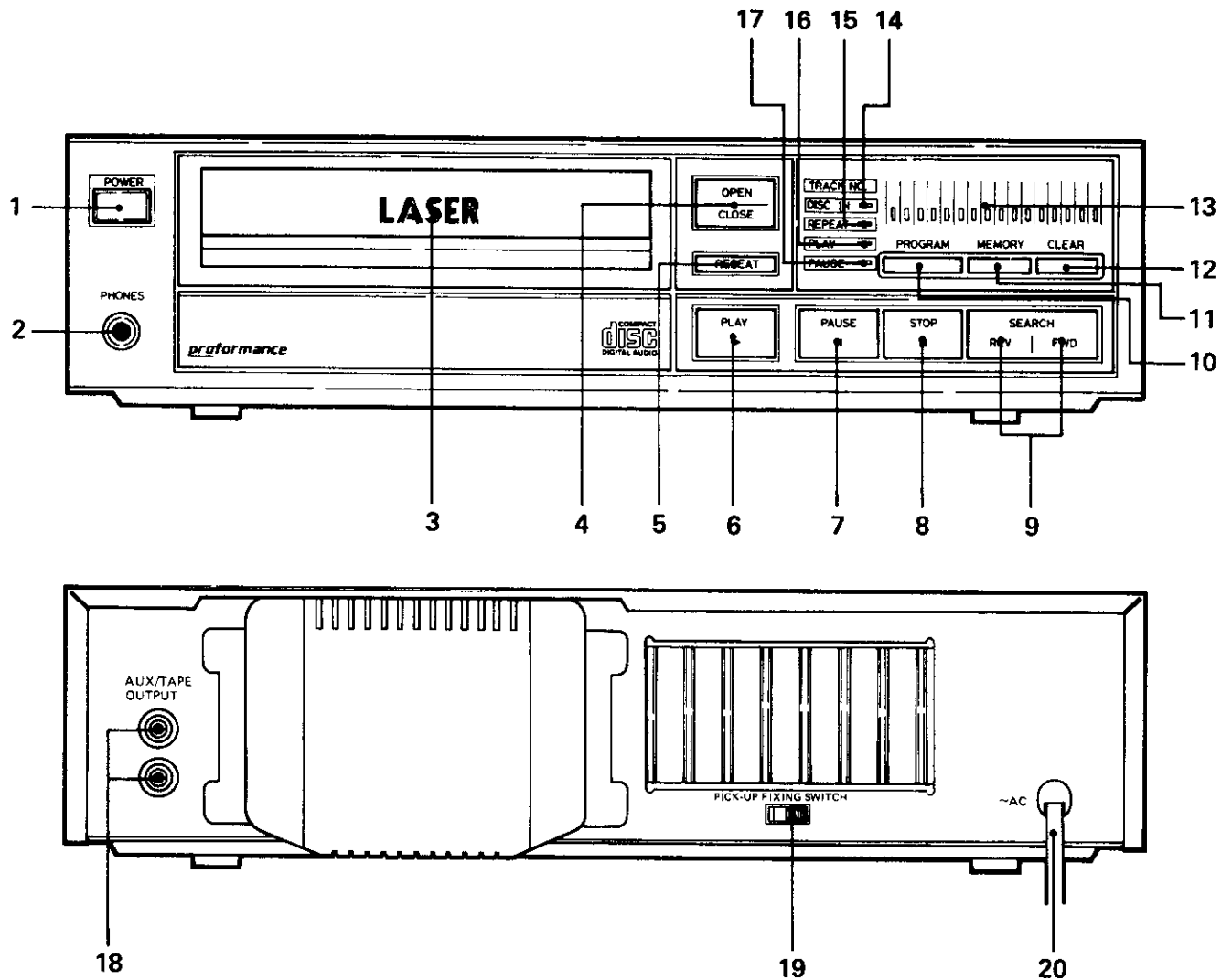


Fig. 2

1. Power button and indicator (POWER)
2. Headphones jack (PHONES)
Connects to stereo headphones (not included) with a 1/4" (6-mm) plug.
3. Disc tray
4. Open and close button for the disc tray (OPEN/CLOSE)
5. Repeat button (REPEAT)
Repeats play when pressed.
6. Play button (PLAY)
Play begins when pressed.
7. Pause button (PAUSE)
Temporarily stops play when pressed. Press the PLAY button to resume play.
8. Stop button (STOP)
Cancels play and stops rotation of the disc when pressed.

9. Search button (SEARCH) (normal play) or (program play with repeat on)
 - FWD Quickly advances to the beginning of the next selection skipping the same number of selections as the number of times the button is pressed.
 - REV Quickly reverses to the beginning of the previous selection skipping the same number of selections as the number of times the button is pressed.
10. Program button (PROGRAM)
 - Used to designate the selection number when programming.
11. Memory button (MEMORY)
 - Activates memory for storage of the selection number designated by the PROGRAM button.
12. Memory clear button (CLEAR)
 - Clears one selection of a program at a time.
13. Track number indicators (TRACK NO.)
 - Indicate the number of the selection being played and indicate, during programming, the number of the selection to be programmed and the numbers of programmed selections.
 - These indicators will indicate the number of programs available on the disc. If more than 16 selections are available on the disc, the last indicator (16) will stay on.
14. Disc inside indicator (DISC IN)
15. Repeat indicator (REPEAT)
16. Play indicator (PLAY)
17. Pause indicator (PAUSE)
18. Output jacks (OUTPUT)
 - Connects to the input jacks (AUX, TAPE, CD) of an amplifier.
19. Pickup fixing switch (PICK-UP FIXING SWITCH)
20. Power cord
 - Connects to either a 120 V AC outlet on the amplifier or a 120 V AC, 60 Hz wall outlet.

CONNECTIONS

CAUTION:

- * When making connections or disconnections, be sure to turn off the power to each component.
 - * Connect one end of the patch cords (supplied) to the OUTPUT jacks of the unit and the other end to jacks designated by AUX, TAPE, CD, T.V., TUNER, etc., of the amplifier. Do not connect to PHONO jacks.
- Do not confuse the right (R) and left (L) cords when making connections. The white plug is for the left channel and the red plug is for the right channel.
- * After all connections are completed, connect the power cord of the main unit to either a 120 V wall outlet or a 120 V AC outlet on the amplifier.
 - * If this unit should interfere with the tuner, turn off the unit during tuner operation.

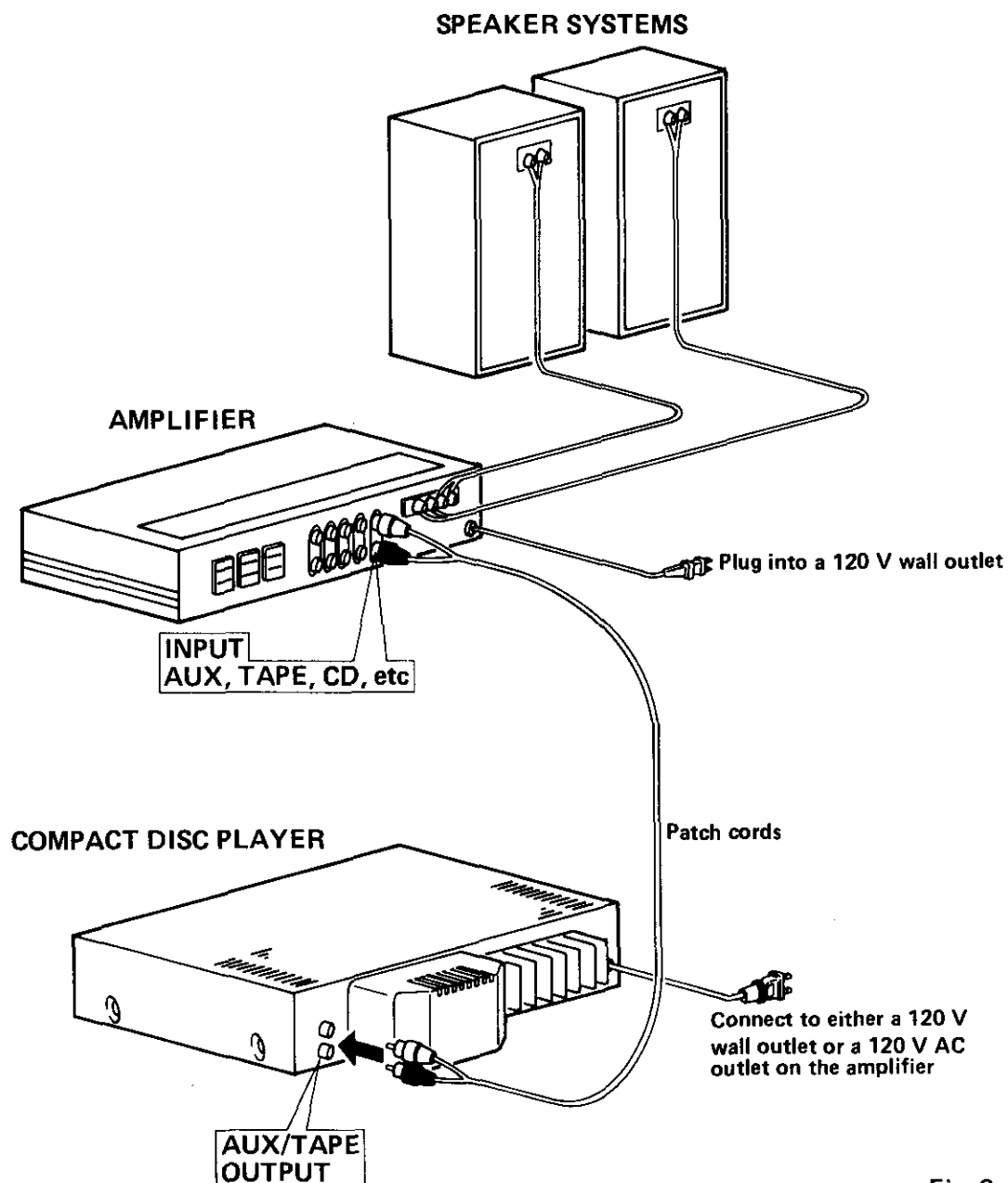


Fig. 3

COMPACT DISC

OPENING AND CLOSING THE DISC TRAY

1. Press the POWER button. (The disc tray cannot be opened or closed when the power is off.)
2. Press the OPEN/CLOSE button.
 - * When the OPEN/CLOSE button is pressed even during play, play will stop and the disc tray will come out.
 - * When closing the disc tray, be sure to use the OPEN/CLOSE button. Do not close the disc tray by hand.

CAUTION:

- * Do not use force to open or close the disc tray.
- * Do not place foreign objects in the opening for the disc. It may result in a malfunction.
- * If your finger or any object should get caught in the disc tray, simply press the OPEN/CLOSE button.

INSERTING THE DISC (Fig. 4)

1. Without touching the disc surface, place the disc with the label facing upward.
2. Press the OPEN/CLOSE button to close the disc tray.
 - * When inserted upside down and pressing the PLAY, SEARCH or PAUSE button, the disc tray will come out automatically after a few second. When a scratched disc or dirty disc (with dust, fingerprints, etc.,) is inserted, the disc tray may come out.

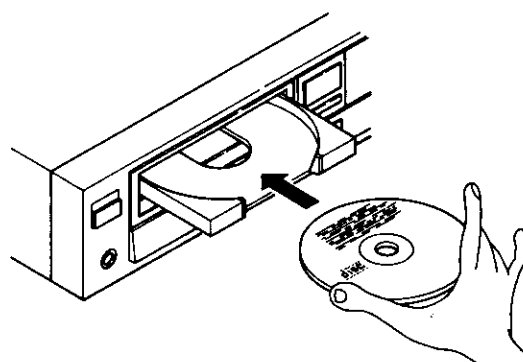


Fig. 4

Note:

Only discs with the symbol shown at the right can be played on this player.



WHEN HANDLING COMPACT DISCS

In order to enjoy your music under the best conditions, always keep your discs clean and note the following.

- * Do not touch the playing surface (shiny, rainbow-colored surface).
- * Do not leave the discs in places with high temperatures or high humidity where they may become warped.
- * When you will not be playing a disc for long periods, remove it from the player and return it to its case.
- * Do not put tape, etc., on the label surface.
- * Before playing a disc, wipe any dust or fingerprints from the playing surface with the soft cloth (supplied).
- * Do not use cleaners or antistatic sprays used on conventional analog phonograph records.

OPERATION

FOR NORMAL PLAY

1. Switch on the power to the amplifier and select the input source on the amplifier to which this unit is connected.
2. Press the POWER button. The power indicator will illuminate.
3. Press the OPEN/CLOSE button and place a disc on the disc tray.
4. Press the OPEN/CLOSE button once again.
The disc tray will close and the DISC IN indicator will illuminate.
5. Press the PLAY button. The PLAY and TRACK NO. 1 indicators will illuminate. The disc will begin to rotate, the table of contents will be read out (requires about 10 sec.). The first selection (TRACK NO. 1) will begin playing.
When the last selection has played, the player will go to pause. The PLAY indicator will go out and the PAUSE and TRACK NO. 1 indicators will illuminate. (After 10 minutes in pause, the unit will go to stop. The PAUSE and TRACK NO. 1 indicators will go out.)
6. When play is finished and the unit is not going to be used again right away, open the disc tray, remove the disc, close the disc tray, and press the POWER button once again to turn off the power.

WHEN STOPPING PLAY PART WAY THROUGH

Press the STOP button. The disc will stop rotating and play will stop. The PLAY and track number indicators will go out.

WHEN REMOVING THE DISC

Press the OPEN/CLOSE button. The disc will stop rotating and the disc tray will come out.

WHEN PAUSING

When the PAUSE button is pressed, the player will go to pause. (The disc will continue to rotate. About 10 minutes later, the unit will go to stop.) To cancel pause, press the PLAY button, and play will begin from where it was stopped.

SELECTION SEARCH

By using the FWD and REV side of SEARCH button, the beginning of desired selections can easily be found. The number of the selections is indicated on the track number indicators. While searching the selection, the track number indicator is flashing at high speed. When the selection is found, the indicator illuminates continuously in normal play – in program play, the indicator will flash slowly.

WHEN GOING TO THE NEXT SELECTION DURING PLAY

Press the FWD side of SEARCH button once.

WHEN GOING TO THE BEGINNING OF THE SELECTION BEING PLAYED

Press the REV side of SEARCH button once.

WHEN GOING AHEAD SEVERAL SELECTIONS

Example:

Beginning of 6th selection from that being played (Fig. 5).

Press the FWD side of SEARCH button the number of times necessary to indicate 6 for the track number indicators (3 times).

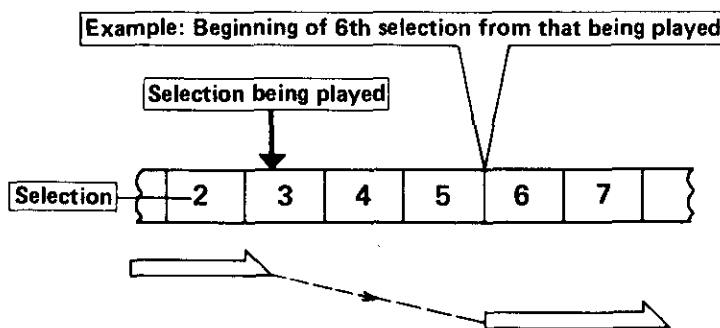


Fig. 5

WHEN GOING BACK SEVERAL SELECTIONS

Example:

Beginning of 5th selection before that being played (Fig. 6).

Press the REV side of SEARCH button the number of times necessary to indicate 5 for the track number indicators (4 times).

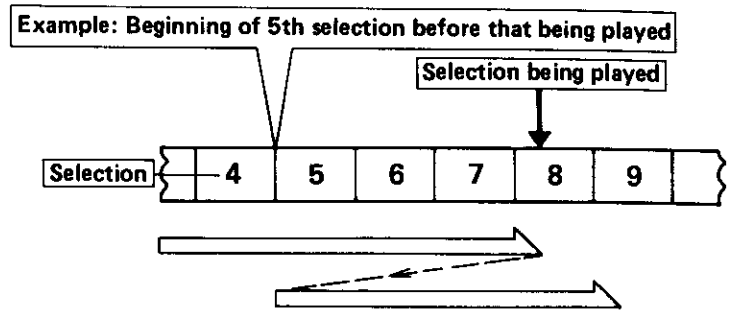


Fig. 6

If not in pause before pressing either side of button, play will begin as soon as the beginning of the selection is found.

If in pause before pressing either side of button, the player will go to pause (standby) after beginning of the selection is found.

If the PLAY button is pressed during searching, play will begin as soon as the beginning of the selection is found.

If the PAUSE button is pressed during searching, the player will go to pause after beginning of the selection is found.

REPEATED PLAY

WHEN REPEATING ALL SELECTIONS ON A DISC (NORMAL PLAY)

1. Press the REPEAT button. The REPEAT indicator will illuminate.

* The REPEAT button also functions when pressed during play.

2. Press the PLAY button.

3. To cancel repeated play, press the REPEAT button once again. The REPEAT indicator will go out.

REPEATED PLAY OF PROGRAMMED SELECTIONS

When the desired selections have been preprogrammed (refer to PROGRAM PLAY section), the programmed selections will be repeated when the REPEAT button is pressed.

During repeated play, the disc is in an endless condition, so the SEARCH button is operational for any selection being played.

PROGRAM PLAY

WHAT IS PROGRAM PLAY?

Suppose you have a disc with 10 selections on it. Programmed play allows you to arrange any of the selections you want to listen to in the order you want to listen to them.

Example (Fig. 7):

In this example of programmed play, seven of the ten selections are included, and selection 1 (TRACK NO. 1) is in three positions to show you that any selection can be put in a program a number of times.

There are 16 positions available for programming, so programmed play with selections in 16 positions is possible. Will not program more than 16 positions.

Before programmed play can begin, it is necessary to program the order of the selections in the player's microcomputer.

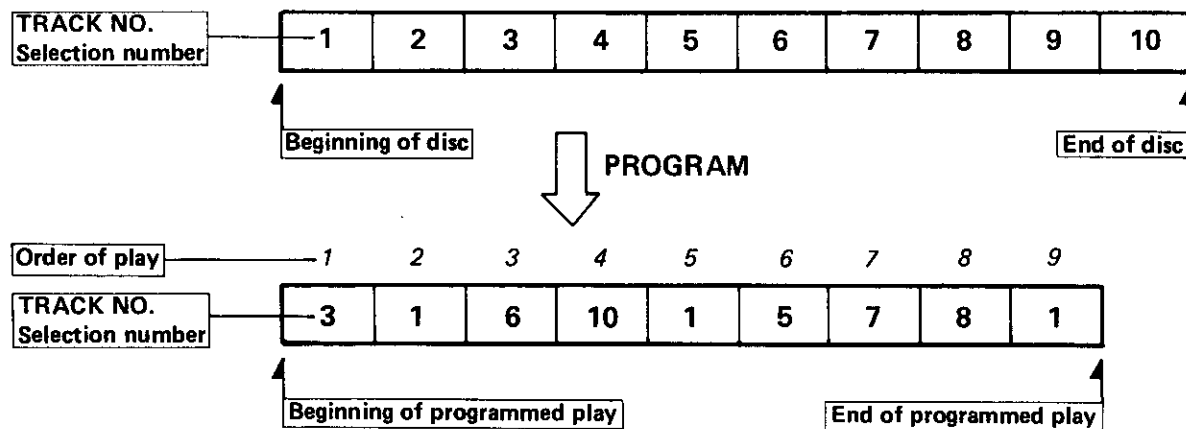


Fig. 7

PROGRAMMING

1. Set the unit to the stop mode (or immediately after the disc is inserted). Preparation for programming (program input mode) is complete.
2. First, decide the type of programmed play you want. The procedure for the programmed play shown in the example (Fig. 7) above is as follows.
3. To put TRACK NO. 3 in the first order of play, press the PROGRAM button 3 times. The TRACK NO. 3 indicator is flashing.
4. To store this information, press the MEMORY button. The TRACK NO. 3 indicator illuminates continuously and programming will move to the second order.
5. Insert TRACK NO. 1 in the second order by pressing the PROGRAM button until the TRACK NO. 1 indicator is flashing. (Indication of the indicators moves only upward.)
6. Store this information by pressing the MEMORY button. The TRACK NO. 1 indicator illuminates continuously and programming will move to the third order.
7. Program the remaining selections available on the disc in the same way. When programming is completed, the unit will be in a wait condition. Press PLAY button. (This completes programming.)

If the disc has more than 16 selections, it can be programmed but program indicators will stop at 16 tracks. The track number indicators will not move, even when the PROGRAM button is pressed. Do not program a selection that is not included in the actual disc.

HOW TO CORRECT AN INCORRECT PROGRAM

Press the CLEAR button. The CLEAR button is effective only when immediately after the MEMORY button is pressed.

Example:

In case that TRACK NO. 2 is programmed instead of TRACK NO. 3 with the player in the condition described in items 3 and 4 of PROGRAMMING section above, the procedure for correction is as follows.

1. Press the CLEAR button immediately after the MEMORY button is pressed (item 4). This clears TRACK NO. 2 which was stored and the TRACK NO. 2 indicator will be changed from illuminating to flashing.
2. To store TRACK NO. 3, press the PROGRAM button once. The TRACK NO. 2 indicator goes out and the TRACK NO. 3 is flashing.
3. Press the MEMORY button.

When an incorrect program is found after programming has been completed, correction of program is impossible by the CLEAR button. In this case you must program the selections again.

IN ORDER TO CANCEL (CLEAR) AN ENTIRE PROGRAM

Press the STOP or OPEN/CLOSE button.

BEGINNING PROGRAM PLAY

After programming has been completed (The programmed track number indicators are illuminated.), press the PLAY button. Play will begin from the TRACK NO. 3 selection of the first order of play as previously programmed.

The track number indicator is flashing at high speed during searching the selection and the indicator is flashing at low speed during program playing. (Whenever the programmed selection has played, the track number indicator will go out unless the repeat function has been selected.)

When the last programmed selection has played, the player will go to stop unless the repeat function has been selected.

After programming has been completed, do not press the PAUSE, SEARCH, STOP or OPEN/CLOSE buttons before the PLAY has been selected or the entire program will be cancelled.

OPERATION DURING PROGRAMMED PLAY

- * The FWD side of SEARCH button advances the player to the beginning of the next selection according to the programmed order and then to the end of the program.
During repeated play of the program, the FWD button will advance to the next selection and then to the end of the program, continuing to press the FWD button will advance to the start of the program.
- * The REV side of SEARCH button reverses the player only to the beginning of the selection being played. But, during repeated play of programmed selections, the button reverses the player to the beginning of the previous selection according to the programmed order.
- * The REPEAT button repeats programmed play in programmed order.
- * The PAUSE button operates as in normal play.

Note:

When the unit is turned off, the entire program is cancelled.

TROUBLESHOOTING GUIDE

Carefully re-read the instructions to be sure the compact disc player is being operated properly. Check the following before you arrange for service.

SYMPTOMS	CAUSE
No sound	AC power cord is disconnected from AC outlet. Patch cords are disconnected from OUTPUT jacks of the player or input jacks (AUX, TAPE, CD, etc.) of amplifier. Amplifier is not being operated properly.
"Hum" noise	Other electrical equipment is too near to the player.
Disc tray will not open or close	Power is off. (POWER button in released position.)
Disc tray will come out	Disc is placed upside down. Disc is scratched, warped or dirty.
Inferior or distorted sound	Patch cords are misconnected to amplifier. Output volume of amplifier is too high. Disc is scratched, warped or dirty.
The player accidentally functions incorrectly, even if you press the appropriate button(s)	Turn the player off once. After a few second, turn the player on then restart to operate.

Note:

The player functions incorrectly, even if you press the appropriate button(s), contact your nearest Sears store or Catalog Sales Office. Complete service is available.

MEMO



OWNERS MANUAL

MODEL NO.

564.97500351

SERIES

WE SERVICE WHAT WE SELL —

"We Service What We Sell" is our assurance to you that our customers can depend on Sears for service nationwide. Your Sears Stereo System has added value when you consider that we have Service Units Nationwide, staffed by professional technicians who are specifically trained on Sears Home Entertainment Products. Sears has the parts, tools and equipment to ensure that we can meet our pledge to you.

FULL ONE YEAR WARRANTY

ON *performance* COMPACT

DISC PLAYER

For one year from the date of purchase, Sears will repair this *performance* Compact Disc Player, free of charge, if defective in material or workmanship.

WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER OR SEARS SERVICE DEPARTMENT IN THE UNITED STATES.

THIS WARRANTY APPLIES ONLY WHILE THIS PRODUCT IS IN USE IN THE UNITED STATES.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

SEARS, ROEBUCK AND CO., Department 698-731A,
Sears Tower, Chicago, IL 60684