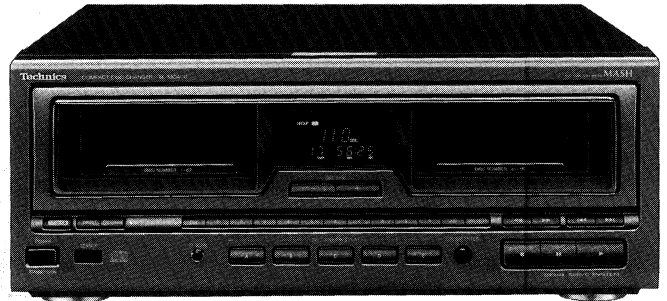


Technics®

Compact Disc Changer SL-MC400/SL-MC300

Operating Instructions



The photograph shows SL-MC400
The SL-MC300 model is only for U.S.A.

COMPACT
disc
DIGITAL AUDIO

Before connecting, operating or adjusting this product, please read these instructions completely. Please save this manual.

P PC

RFKSLMC400PK

Table of Contents

Dear Customer

Thank you for purchasing this Technics product.
For optimum performance and safety, please read
these instructions carefully.

These operating instructions are applicable to the SL-MC400 and
SL-MC300 models.

These operating instructions, however, fundamentally explain the
operation of SL-MC400 model.

The model number and serial number of this product can be
found on either the back or the bottom of the unit.
Please note them in the space provided below and keep for
future reference.

MODEL NUMBER _____
SERIAL NUMBER _____

User memo:

DATE OF PURCHASE _____
DEALER NAME _____
DEALER ADDRESS _____

TELEPHONE NUMBER _____

Before use

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THE FOLLOWING PHRASES ARE APPLIED ONLY FOR U.S.A.:

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.

CAUTION:

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 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.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

CAUTION!

THIS PRODUCT UTILIZES A LASER.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF.
REFER SERVICING TO QUALIFIED PERSONNEL.

CAUTION:

TO PREVENT ELECTRIC SHOCK MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, 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 SCREWS. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead 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.



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.

Precautions

Before using this unit please read these operating instructions carefully. Take special care to follow the warnings indicated on the unit itself as well as the safety suggestions listed below. Afterwards keep them handy for future reference.

Safety

- 1. Power Source** -- The unit should be connected to power supply only of the type described in the operating instructions or as marked on the unit.
- 2. Polarization** -- If the unit is equipped with a polarized AC power plug (a plug having one blade wider than the other), that plug will fit into the AC outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
- 3. Power Cord Protection** -- AC power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Never take hold of the plug or cord if your hand is wet, and always grasp the plug body when connecting or disconnecting it.
- 4. Nonuse Periods** -- When the unit is not used, turn the power off. When left unused for a long period of time, the unit should be unplugged from the household AC outlet.

Installation

Environment

- 1. Water and Moisture** -- Do not use this unit near water—for example, near a bathtub, washbowl, swimming pool, or the like. Damp basements should also be avoided.
- 2. Condensation** -- Moisture may form on the lens in the following conditions...
 - immediately after a heater has been turned on.
 - in a steamy or very humid room.
 - when the unit is suddenly moved from a cold environment to a warm one.If moisture forms inside this unit, it may not operate properly. To correct this problem, turn on the power and wait about one hour for the moisture to evaporate.
- 3. Heat** -- The unit should be situated away from heat sources such as radiators and the like. It also should not be placed in temperatures less than 5° C (41° F) or greater than 35° C (95° F).

Placement

- 1. Ventilation** -- The unit should be situated so that its location or position does not interfere with its proper ventilation. Allow 10 cm (4") clearance from the rear of the unit.
- 2. Foreign Material** -- Care should be taken so that objects do not fall into and liquids are not spilled into the unit. Do not subject this unit to excessive smoke, dust, mechanical vibration, or shock.
- 3. Magnetism** -- The unit should be situated away from equipment or devices that generate strong magnetic fields.
- 4. Stacking** -- Do not place heavy objects, other than system components, on top of the unit.
- 5. Surface** -- Place the unit on a flat, level surface.

- 6. Carts and Stands** -- The unit should be used only with a cart or stand that is recommended by the manufacturer.

The unit and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the unit and cart combination to overturn.



- 7. Wall or Ceiling Mounting** -- The unit should not be mounted to a wall or ceiling, unless specified in this operating instructions.

Maintenance

Clean the cabinet, panel and controls with a soft cloth lightly moistened with mild detergent solution.

Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

Service

- 1. Damage Requiring Service** -- The unit should be serviced by qualified service personnel when:
 - (a) The AC power supply cord or the plug has been damaged; or
 - (b) Objects have fallen or liquid has been spilled into the unit; or
 - (c) The unit has been exposed to rain; or
 - (d) The unit does not appear to operate normally or exhibits a marked change in performance; or
 - (e) The unit has been dropped, or the enclosure damaged.
- 2. Servicing** -- The user should not attempt to service the unit beyond that described in the operating instructions. All other servicing should be referred to an authorized service personnel.
(Only for U.S.A)
Call 1-800-545-2672 for the address of an authorized factory servicenter.

Cautions on moving this unit

Before moving the changer to another location, be sure to remove all discs from the slots and turn off the changer.

Failure to do so will expose the compact discs and the changer to the risk of severe damage.

CAUTION

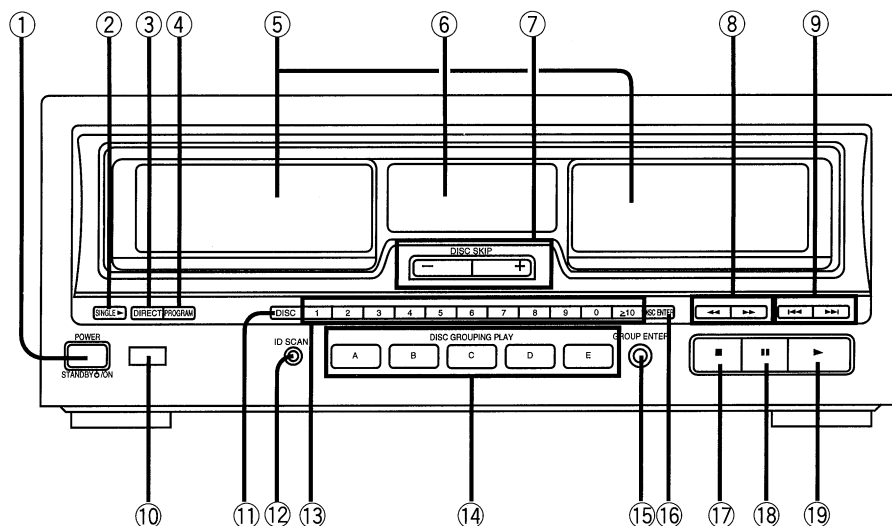
The changer mechanism automatically locks when power is turned off, to protect it against damage in transport. Therefore, always press POWER and make sure "OFF" appears on the display before you unplug the changer.

Other cautions

Outside light or noise may sometimes cause the changer to detect a disc when there isn't one. However, the changer always correctly detects the disc when in the play mode no matter what.

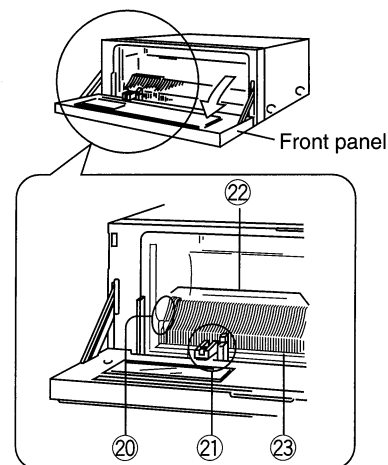
Do not leave the front panel open. Infiltrating dust or other matter may lead to damage or malfunctions.

Front panel controls



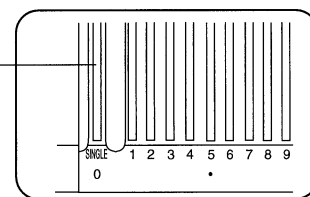
Note

For an explanation on how to open the front panel, see p. 7 "How to set discs".

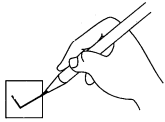


No.	Name	Ref. page
①	Power "STANDBY /ON" switch (POWER, STANDBY /ON)	8
	Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.	
②	Single disc play button (SINGLE)	9
③	Direct programming button (DIRECT)	13
④	Programming button (PROGRAM)	12
⑤	Windows	-
⑥	Display	-
⑦	Disc skip buttons (DISC SKIP -/+)	16
⑧	Search buttons (,)	15
⑨	Track skip buttons (,)	16
⑩	Remote control signal sensor	-
⑪	Disc selector button (DISC)	9
⑫	ID scan button (ID SCAN)	17
	SL-MC400 only	
⑬	Numeric buttons (1-9, 0, ≥ 10)	9

No.	Name	Ref. page
⑭	Disc group buttons (DISC GROUPING PLAY, A, B, C, D, E)	10
⑮	Group enter button (GROUP ENTER)	10
⑯	Disc enter button (DISC ENTER)	12
⑰	Stop button ()	8
⑱	Pause button ()	8
⑲	Play button ()	8
⑳	Disc slot for single disc play (SINGLE)	9
	Disc slot for single disc play	
㉑	Loader carriage	7
㉒	Disc slots	7
㉓	Slot numbers	7



Connections

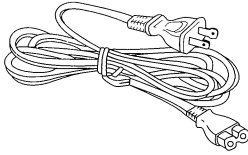


Please check and identify the supplied accessories

(Only for U.S.A.)

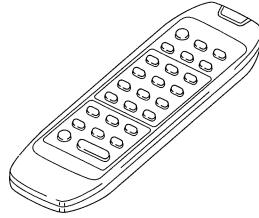
To order accessories call MSC Accessory Dept. 1-800-332-5368. Use numbers indicated in parentheses when asking for replacement parts.

AC power supply cord [1] (SJA172)



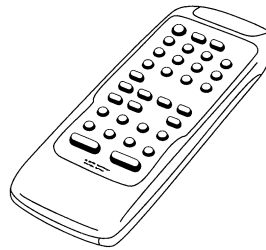
Remote control transmitter [1] (RAK-SL413WH)

SL-MC400 only



Remote control transmitter [1] (RAK-SL186WH)

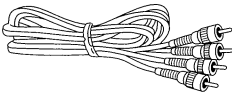
SL-MC300 only



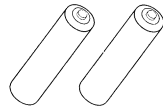
Notebook-like binder [1] [Liner notes organizer] (RFA0623-K1)



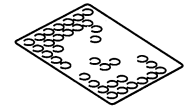
Stereo connection cable [1] (SJP2249-3)



Batteries [2] (UM-4, "AAA", R03)





Adhesive number [1] (RQLA0326)

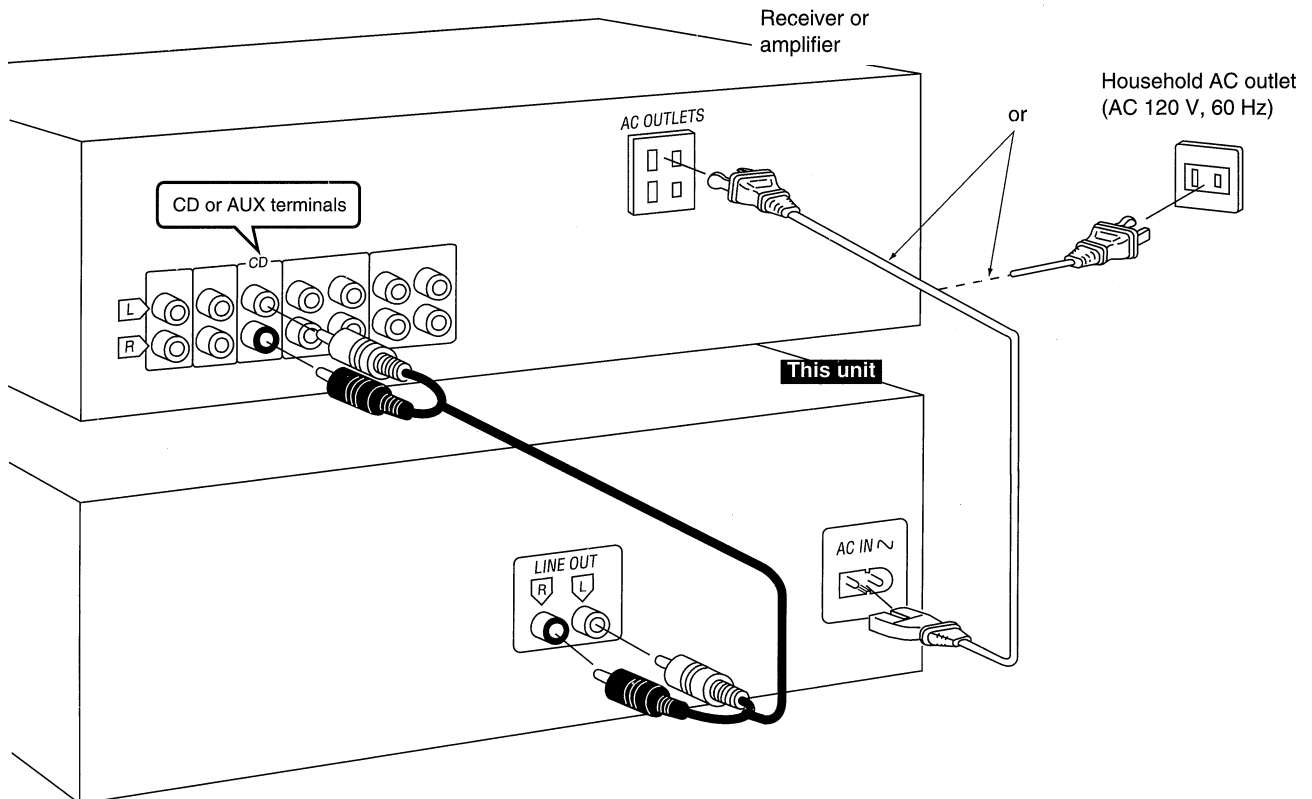


For instructions on preparation and operation of the remote control transmitter, refer to the separate booklet titled "How to use the remote control transmitter".

Before connecting the changer to your audio system, make sure that the power of the changer and all other system components is turned off.

Stereo connection cable

White (L) 
Red (R) 



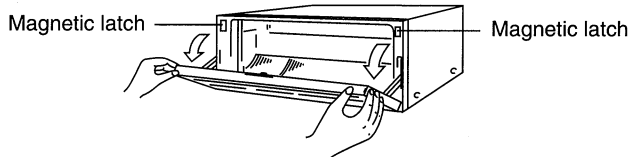
Setting/Removing discs

Special notes

- You can set discs in the slots and remove them too, while playing discs.
- Never set a disc in the slot of the disc being played.
- Sometimes the front panel cannot be opened while a disc is playing. It is a question of time. In such case, wait until you can open it.

How to set discs

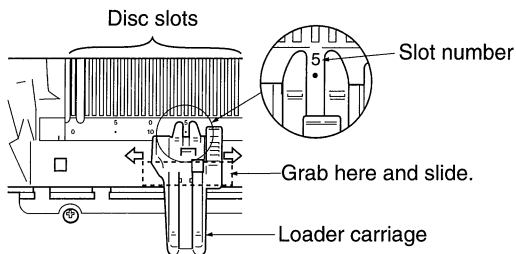
1. Pulling gently from both ends, open the front panel.



Cautions

- Except when setting or removing discs, keep hands out of the changer while open. You could injure yourself if somehow entangled in the internal mechanism.
- Keep cassette tapes away from the magnetic latches.

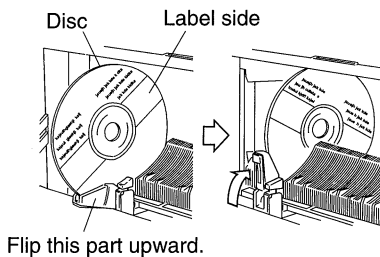
2. Slide the loader carriage to the slot you want. You can read the numbers between the prongs as shown below.



Note

Slot No. 0 (SINGLE) is reserved for single disc play (p. 9).

3. Set the disc on the loader and flip the loader upwards.



Cautions

- Do not use 3" (8 cm) discs fitted with expander rings. Expander rings could damage the disc slots.
- Do not use cleaning discs, discs with stickers on the label side or warped discs. All of these could damage your changer.
- Do not put anything other than discs in the changer.
- Do not set a disc in the slot of the disc being played (slot flashes). The disc in play is returned to its slot when finished. If two discs somehow jam the slot, one or both could be damaged. When this happens, the message "TAKE OUT" will appear on the display. Remove the disc that doesn't belong in the slot and press the stop button.

- Do not open the front panel while the changer is changing discs.

Note

- Set discs with the label facing to the right.
- Never load more than one disc in any given slot.

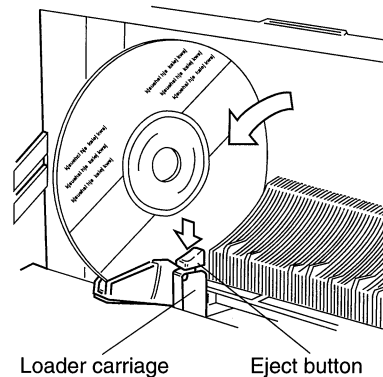
4. Gently close the front panel.

Note

If you leave the front panel open while a disc is in play, when the disc is over, the changer will stop.

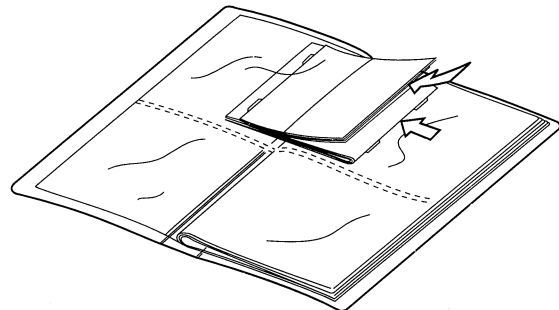
How to remove discs

1. Open the front panel.
2. Slide the loader carriage to the slot you want.
3. Press the eject button on the loader carriage.

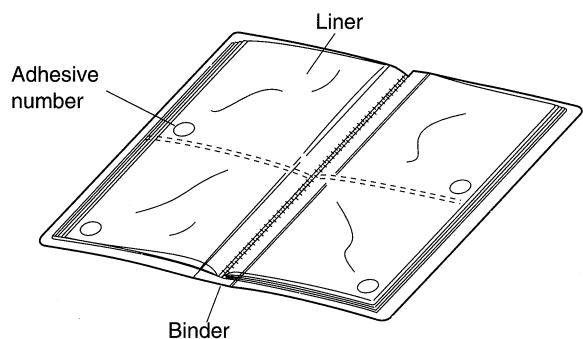


How to know what disc is in what slot

Your changer comes with a notebook-like binder (liner notes organizer) in which you can keep your CD liners. There are also adhesive numbers for indicating slot numbers in the binder. This is a convenient way to keep track of what disc is in what slot.



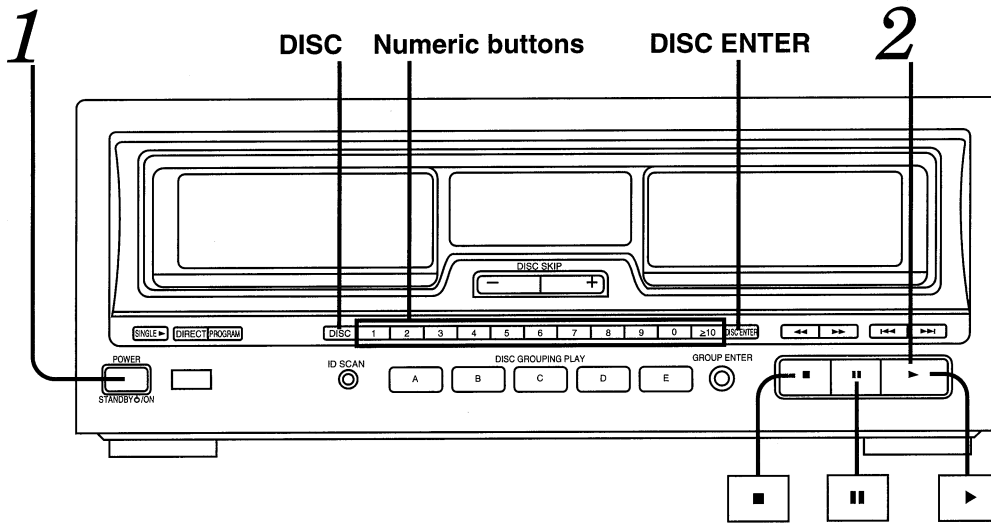
Put two liners back-to-back inside each pocket, as shown above.



Basic operations

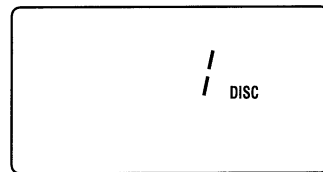
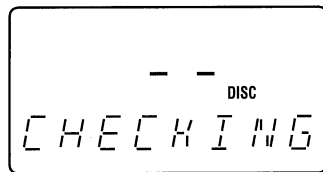
Sequential play

The changer plays all the tracks on all the discs in order and stops automatically when the last track on the last disc finishes playing.

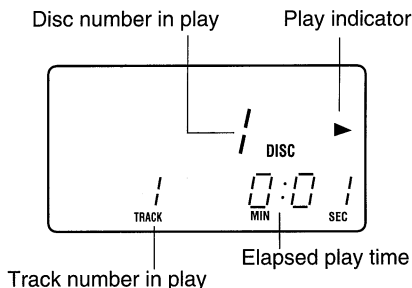


Before starting, load your discs (see p. 7).

1 Press **POWER**.
The unit will switch on. Momentarily, the message "CHECKING DISCS" will appear on the display. When it goes out, the last disc played will be displayed.

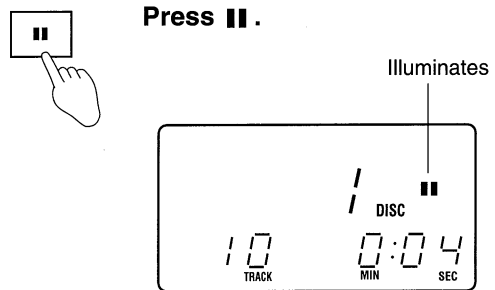


2 Press **▶**.
Play will begin.



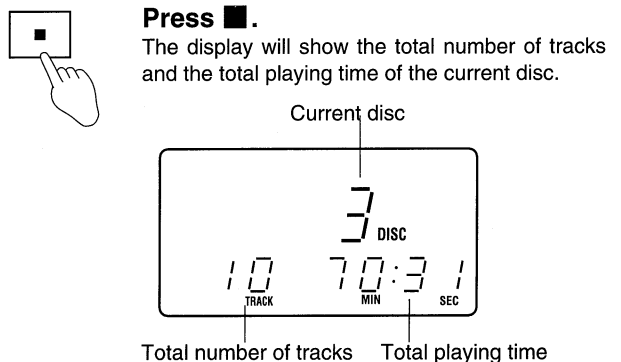
Note
The disc number is the same as the slot number.

To temporarily stop play



Press **▶** to resume play.

To stop play



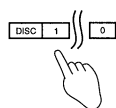
The total playing time displayed includes the silent sections between tracks. For this reason, it may be a few seconds longer than the playing time indicated on the disc. When you open the front panel, the total number of tracks and the total playing time go out.

Press **▶** to re-start play.

Note
It takes roughly 3 seconds from the time you press **■** until the disc is returned to the slot.

Single disc play

To directly access a specific disc

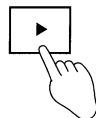


Select the disc you want with the numeric buttons.

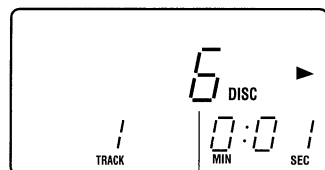
To select a disc from 1 to 9
For example: "6"

DISC → 6

↓ (Press within 7 seconds.)



Press ▶.



Disc number

The changer will start playing the selected disc from the first track.

To select a disc from 10 to 110

For example: "109"

DISC → 1 → 0 → 9

↓ (Press within 7 seconds.)

Press ▶.

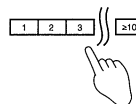
Note

When selecting discs, the ≥ 10 button does not respond to touch.

For your reference

- If you press DISC ENTER instead of ▶ to select a disc, the disc number will be displayed but play will not start automatically.
- When in the stop mode, if you select an empty slot, the message "NO DISC" will appear on the display.
- While a disc is playing, if you select an empty slot, the changer will automatically play the next disc available.
- If you select "0", the changer will switch to the single disc play mode (See the right side of this page.).

To directly access a specific track

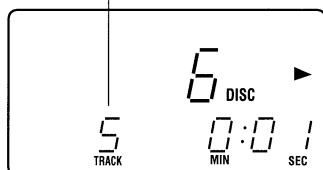


After selecting a disc, select a track with the numeric buttons.

Press the numeric button(s) to select the track.

Play will begin from the selected track.

Track number



To select a track between 1 and 9:

Press the corresponding numeric button.

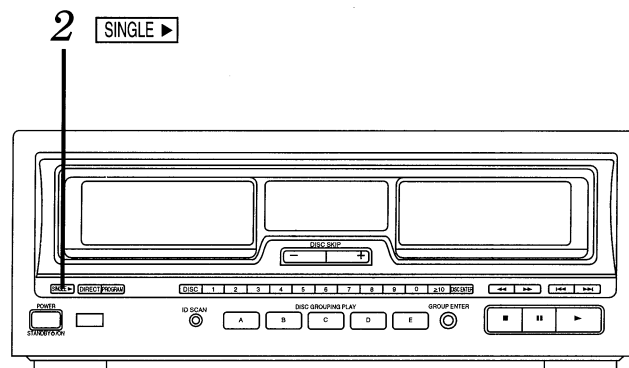
To select a two-digit track number 10 or higher:

First press ≥ 10 , and then press the numbers for the two digits

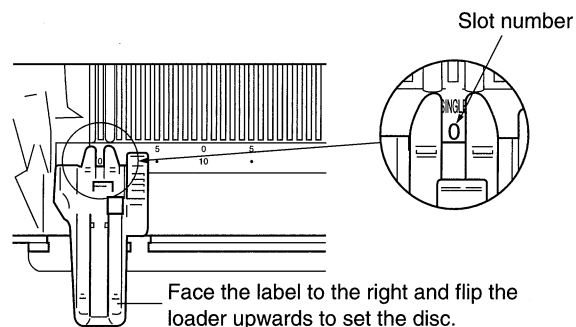
For example; number 20:

Press ≥ 10 , then 2, and then 0.

Single disc play is for that special disc of yours, perhaps one you just bought. You see, the changer has a slot for one special disc which you can use even when the rack is full (max. 110 discs).

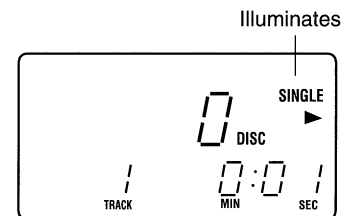


1 Open the front panel, and set the disc in the slot No. 0.



2 Close the front panel and press SINGLE ▶.

The disc will start playing from the first track.



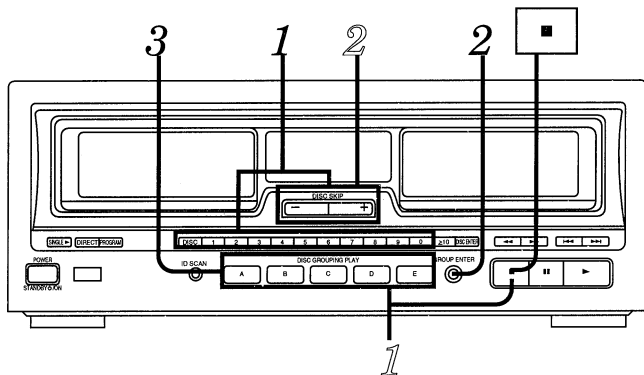
The changer plays all the tracks in order and stops automatically when the last track finishes playing.

To cancel single disc play mode

- Select another disc with the numeric buttons.
- Skip to another disc with DISK SKIP -/+.
- Select a group. (See p. 10)

Disc grouping play

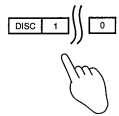
Sometimes, you want to block off your CDs into groups. For example, by the type of music, or your favorite CDs, etc. Well, this changer lets you make up to five groups, A through E. Basically, it's like dropping a disc into a box, then playing just discs from that box. What's more, you can name the groups with any of the preset names.



To make groups

- Any single group can hold up to 110 CDs.
- You can enter the same CD into as many of the 5 groups, A through E, as you like.
- You can assign any one of the preset names to a registered group (see step 2 on p. 11). We recommend that you name your groups by the type of discs you put in them.

1



(During sequential play or while it is on stop)

Select a disc.

- **Using the numeric buttons**

To select a disc from 1 to 9
For example: "6"

DISC → 6

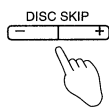
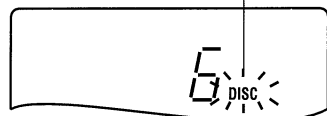
(Press within 7 seconds.)

To select discs from 10 to 110
For example: "109"

DISC → 1 → 0 → 9

(Press within 7 seconds.)

Flashing



- **Using DISC SKIP -/+**

Press either DISC SKIP - or + until reaching the disc you want.

Note

You cannot select slot No. 0.

2

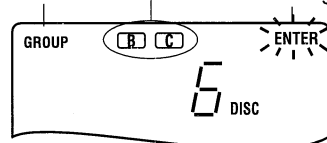
GROUP ENTER



Press GROUP ENTER.

If any groups have been registered already, their letters will light up.

Illuminates Flashing



(Perform step 3)

You have to select a group within 7 seconds from when the indication "ENTER" starts flashing on the display. Unless you do so, the changer will return to the way it was before you pressed GROUP ENTER.

3

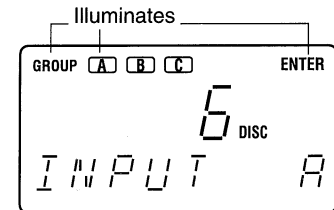
A B C D E



Press the DISC GROUPING PLAY button(s) you want.
 (This "INPUT" the disc in the group.)

For example: To input disc No. 6 in group A.

Press **A**.



To enter the same disc into different groups
 Repeat steps 2 and 3 selecting the specific groups.

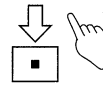
4

Repeat steps 1, 2 and 3 until you have completed all items.

To check what discs are in what groups

1

A B C D E



(During sequential play or while it is on stop)

Press the DISC GROUPING PLAY button you want and then press ■.

2

DISC SKIP



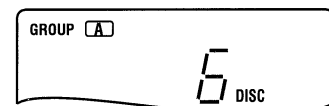
Press either DISC SKIP (- or +).

Every time you press DISC SKIP, the next disc number in order is displayed.

- : Numbers progress in reverse order.

+ : Numbers progress in regular order.

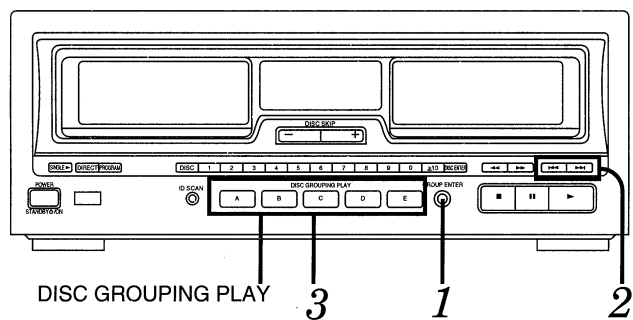
Example



Disc number of disc registered in group A

Note

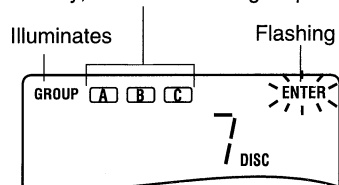
After checking, if you press the button of a group that is lit on the display, the changer reverts back to sequential play but does not automatically start playing the group.



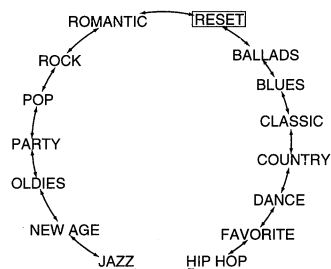
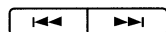
To name groups

You can name your groups. The changer has several preset names to choose from.

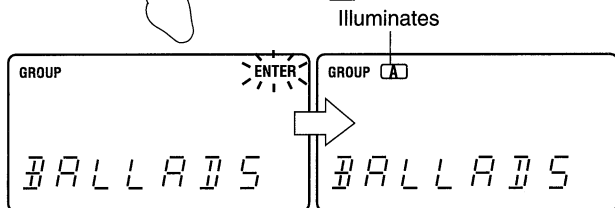
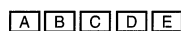
1 GROUP ENTER (During sequential play or while it is on stop)
 Press **GROUP ENTER**.
 If any groups have been registered already, their letters will light up.



2 (Press within 7 seconds.)
 Select the name you want with **◀◀** and **▶▶**.
 Names change in rotation as shown below, every time you press **◀◀** or **▶▶**.



3 (Press within 7 seconds.)
 Press the **DISC GROUPING PLAY** button for the group you want to name.
 For example: To name group A
 Press **A**.



The above example shows when "BALLADS" has been selected.

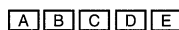
4 Repeat steps 1, 2 and 3 to name other groups.

To cancel names

Select "RESET" in step 2 and then the name of the group you want to cancel in step 3. Thereafter, the group will appear as "GROUP ..." (A,B,C,D or E.).

To start play

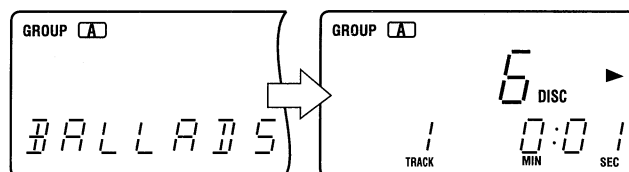
Unless otherwise specified, the changer selects sequential play.



(During sequential play or while it is on stop)

Press the **DISC GROUPING PLAY** button of the group you want.

For example: To hear group A
 Press **A**.



Notes

- Unnamed groups will be displayed as "GROUP A, B, C..." and so forth. In the above example, "GROUP A" appears in the place of "BALLADS".
- If you press the group button of a group which has no discs registered in it, the message "NO INPUT" will appear on the display.

To cancel group play

(In the stop mode)

Press the **DISC GROUPING PLAY** button indicated on the display.

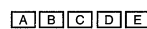
(The group indication on the display will go out.)

For your reference

The group contents will remain stored in memory even after the unit is switched off.

However, if the power cord is unplugged or the power supply is otherwise interrupted for an extended length of time, the contents will be erased from memory.

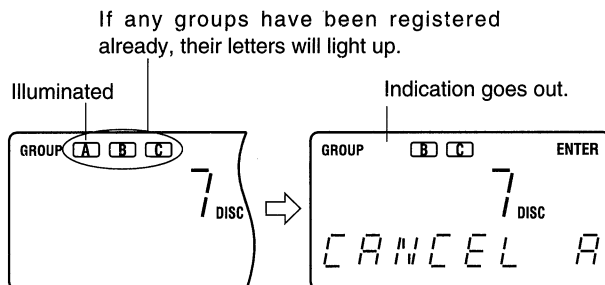
To cancel discs from groups



Perform steps 1 and 2 shown on page 10, and then in step 3, press the **DISC GROUPING PLAY** button(s) you want.

For example: To cancel disc No. 7 from group A.

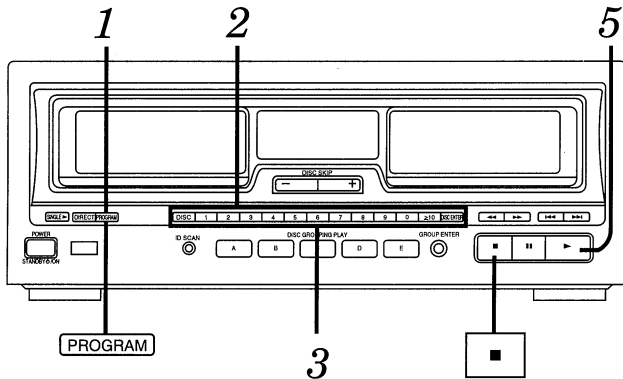
Press **A**.



You can cancel a disc from two or more groups at one time, provided it has been entered in each of the groups, of course. Press **■** in step 3 on page 10. (In the stop mode)

Program play

Everyone has his/her favorite tracks. You can program the changer to play them in a specific order. With this changer, you can make one program and fill it with up to 32 selections from any of the discs in the rack.



1 **PROGRAM** [In the stop mode] **Press PROGRAM.**
Illuminates

2 **Select the disc(s) you want with the numeric buttons.**
For example:
To select disc 3.
DISC → 3 → DISC ENTER

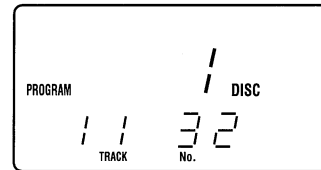
Specified disc number

The "ALL" indication shows that all the tracks on the disc are selected. To program by means of disc numbers only, repeat the above operation. (The count will increase by one for each operation.)
You can select slot No. 0.

3 **Press the numeric button(s) to specify the track.**
For example:
To select track No. 20, press ≥10, then 2, and then 0.

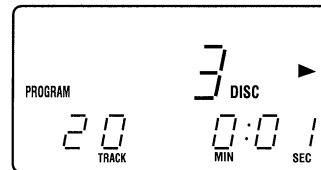
Specified track number Program order

4 **Repeat steps 2 and 3 until you have completed all entries.**
If you enter non-existing disc(s) or track(s), the corresponding indicator illuminates and the entry is included in the count. In the play mode, the changer will cancel the non-existing entry.



If you attempt a 33rd selection, the "PGM FULL" indication will be displayed.

5 **Press ▶ to start play.**
To enter additional selections during play, repeat steps 2 and 3.



To clear all programmed contents

[In the stop mode] **Press ■.**
The display will look as below.

To quit the program mode

[In the stop mode] **Press PROGRAM.**
The changer will return to the sequential play mode.

The programmed contents will remain stored in memory until they are cleared, even after the program mode is canceled.

Therefore, after program, it is possible to cancel the program mode and use another play mode and then hear the same program again at a later time.

In addition, if discs are changed, the program will be played using the new discs. If non-existing entries are found at this time, the changer will cancel them.

For your reference

The program will remain stored in memory even after the unit is switched off.

However, if the power cord is unplugged or the power supply is otherwise interrupted for an extended length of time, the contents will be erased from memory.

Special note on recording programs

The changer needs time to change the discs and find the tracks. This time will vary depending on what you put into the program. In any case, the total playing time will be longer than that of the actual tracks.

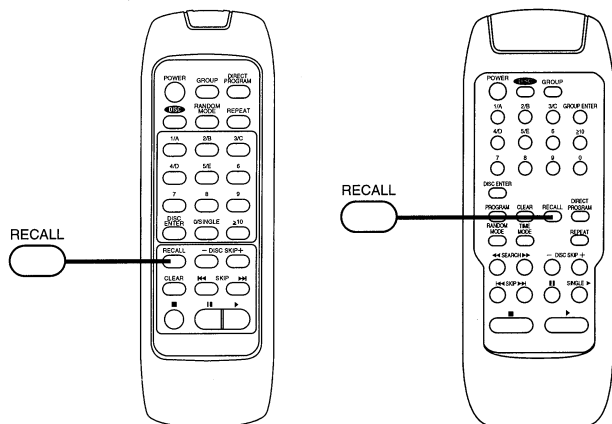
Direct programming

To check programmed contents

(only available from the remote control)

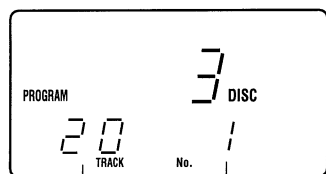
For SL-MC400

For SL-MC300



Press RECALL.

Each time you press RECALL, the display shows the programmed disc and track number in the sequence you have entered.



Programmed track

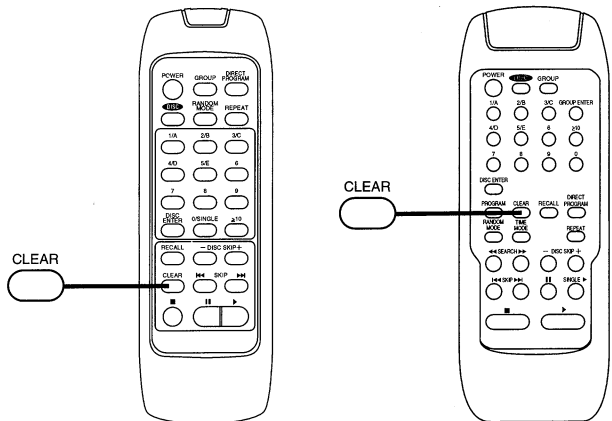
Programmed order

To clear a single item from the program

(only available from the remote control)

For SL-MC400

For SL-MC300

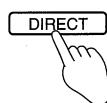
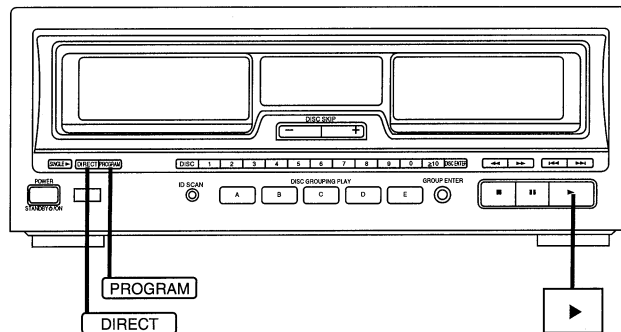


Press CLEAR.

Each time you press CLEAR, you will cancel the last entry in the order you have entered all selections.

To clear an entry in the middle of the program sequence, press RECALL repeatedly until the display shows the selection to be cleared, and then press CLEAR within three seconds after that.

You can add the track in play to your program. In fact, a good way to build up your program is to listen to tracks and add those you like while they are still being played. It sure makes programming easier if you listen-and-program.

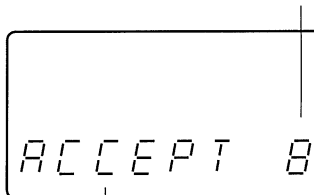


(In the play mode)

Press DIRECT.

The current track will be added to the tail end of the program.

Example Programmed order of the newly added track



Illuminates for about 2 seconds when DIRECT is pressed.



Returns to the original indication.

Notes

When you make a program as explained under "Program play" on the left page, and then perform the above procedure without clearing the program first, the selected track is added to the end of the program.

To listen to programmed tracks

(In the stop mode)

Press PROGRAM and check "PROGRAM" appears on the display, then press ►.

The program will start from the first track.

To clear all programmed contents.

See p. 12.

To check programmed contents.

See the left side of the page.

To clear a single item from the program.

See the left side of the page.

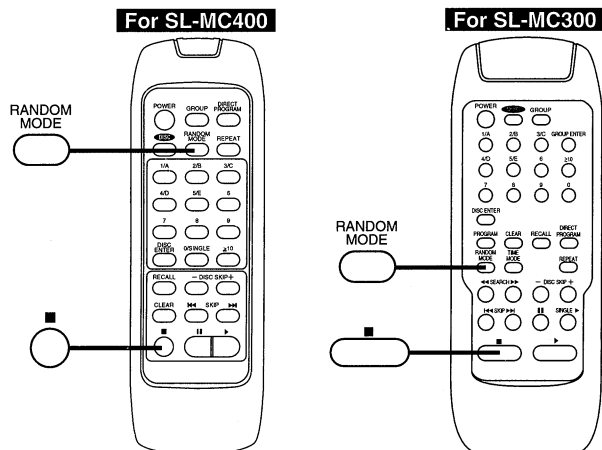
Notes

- You cannot add to the program if already full, that is, if already 32 selections have been programmed. If you press DIRECT in such case, the message "PGM FULL" will be displayed. Therefore, direct programming is possible only when 31 or less tracks have been programmed.
- During program play, the DIRECT button does not respond to touch.

Random play

(Only available from the remote control)

The tracks will be played in random order. There are two types of random play as described below.



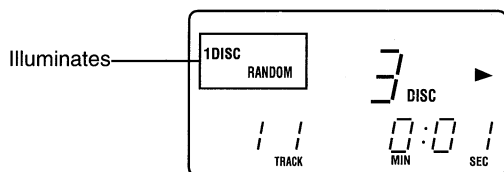
One disc random play

The changer will play all tracks on the current disc in random order. Then, it will choose a new disc randomly, excluding the discs already played, and play all tracks on that disc in random order.



[In the stop or play mode]
Press RANDOM MODE so that the "1 DISC RANDOM" indicator illuminates.

Each time the button is pressed, the display will change in the following order: 1 DISC RANDOM → FULL RANDOM → (off).

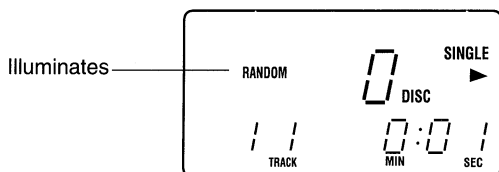


The changer will stop automatically when all the tracks on all discs have been played once.

In the single disc play mode

Only tracks from the disc in slot No.0 are played, though played in random order.

Every time you press RANDOM MODE, the display switches between OFF and "RANDOM".

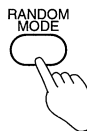


In the disc grouping play mode.

Only tracks from one of the discs, selected at randomly from all discs in the group by the changer, are played. The tracks too are played in random order.

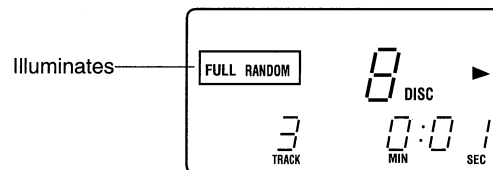
Full random play

The changer will play tracks from all of the discs at random. However, it may choose the same track twice. In a single pass, the changer can play up to 250 tracks.



[In the stop or play mode]
Press RANDOM MODE so that the "FULL RANDOM" indicator illuminates.

Each time the button is pressed, the display will change in the following order: 1 DISC RANDOM → FULL RANDOM → (off).



Once the changer has played the maximum 250 tracks, it stops automatically.

Note

The disc in slot No.0 will not be played.

In the disc grouping play mode.

The changer selects tracks randomly from all discs in the group but not from other groups.

To cancel random play mode



Press ■.

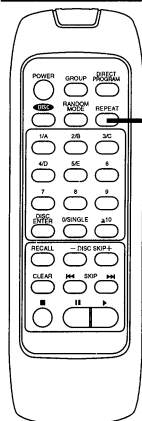
The "1 DISC (or FULL) RANDOM" indicator will go out.

Repeat function

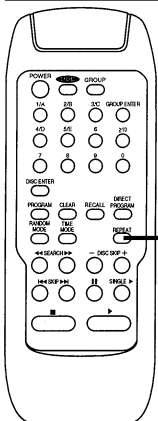
(Only available from the remote control.)

Play will continue endlessly in accordance with the specific play mode selected.

For SL-MC400



For SL-MC300



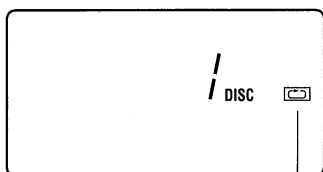
REPEAT

REPEAT

REPEAT



[Before or during play]
Press REPEAT.



Illuminates

In the sequential play mode

All tracks of all discs will be played repeatedly.

In the single disc play mode

The changer will repeatedly play all tracks on the disc in slot No. 0.

In the program play mode

The changer plays only the programmed selections in the programmed sequence repeatedly.

In the one disc random play mode

When the changer has played all the tracks on the current disc in random order. Then, it will choose a new disc randomly, excluding the discs already played, and play continuously. The sequence differs each time.

In the full random play mode

Once the changer has played the maximum 250 tracks, it will select a new random sequence and will continue playing.

To repeat the same track over and over

To repeat the programmed tracks

1. Select the desired track using the program play procedure on page 12.
2. Press REPEAT to display "⏮".
3. Press ▶.

To cancel repeat mode

REPEAT

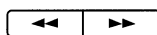
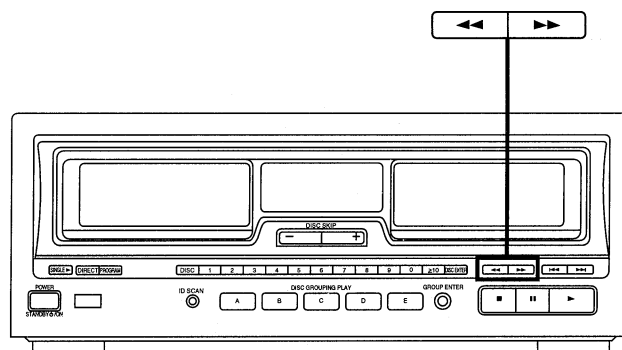


Press REPEAT again.

The "⏮" indicator will go out.

Search function

You can search rapidly forward or backward on the disc for specific sections.



[In the play or pause mode]

Press and hold ◀◀ or ▶▶.

◀◀ : You can search backward.

▶▶ : You can search forward.



Release the button when you reach the desired point.

The changer will return to the previous mode (play or pause).

In the program/random play mode

You can search forward or backward only within the current track.

In the single disc play mode

You can search forward or backward only within the current disc.

In the sequential/disc grouping play mode

When the changer finishes searching the current disc, it starts searching the next one.

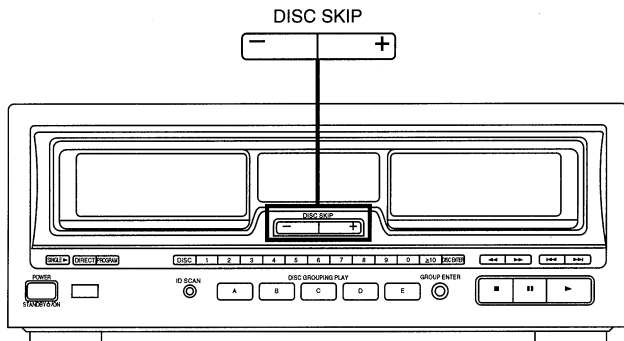
For your reference

The search function will begin slowly, and then, if the button is held down for longer than 3 seconds, it will change to high-speed search.

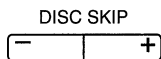
Skip function

To skip discs

Use this function to skip discs when selecting a disc which you wish to listen to.



You can use this function in stop, sequential play, one disc random play and disc grouping play modes.

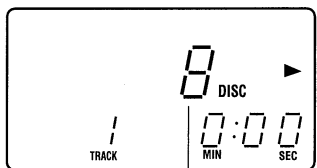


Press either DISC SKIP (- or +) until you reach the desired disc.

- : Skips backwards to the preceding disc.
- +: Skips forward to next disc.

Note:

The changer skips over empty slots.



Disc number at the playing position

Note

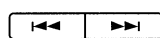
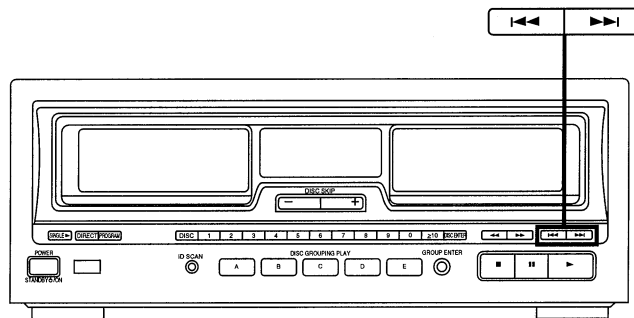
- This function does not work in the full disc random play mode or during program play.
- If you attempt to use this function during single disc play, the changer will cancel single disc play.

For your reference

If you press the DISC SKIP buttons intermittently, the slot Nos change slowly. If you hold the buttons down, the changer fastskips through numbers.

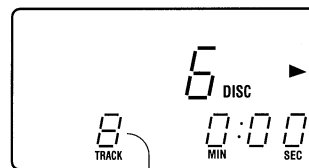
To skip tracks

Use this function to skip tracks when selecting a track which you wish to listen to.



Press either <<< or >>> until you reach the desired track.

- <<< : You can skip backward.
- >>> : You can skip forward.



Track number at the playing position

In the sequential/single disc/disc grouping/program play mode

You can skip only within the current disc.

In the program play mode, you can skip from one track to another in the programmed sequence.

<<< : You can skip to the beginning of the track being played. If you press this button again quickly, you can skip to the beginning of the previous track.

Remember that in a backward skip, the current track is included in the count.

>>> : You can skip as many tracks as the number of times you press the button.

In the random play mode

<<< : You can skip to the beginning of the current track.

>>> : You can skip to the beginning of a next track in the random order the changer has selected.

You can also skip tracks when the changer is in the stop mode (except during random play) or pause mode.

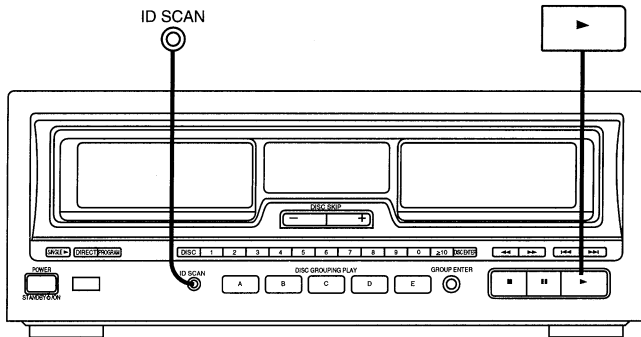
ID scan function

SL-MC400 only

This function is convenient to use when searching for a desired track.

The function will search from the beginning of the track for a loud section, and will play 10 seconds of the track centering around that point.

The order of scanning is the same as for play mode.



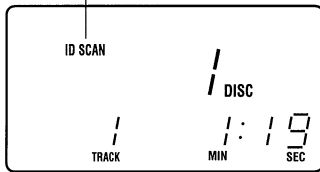
ID SCAN



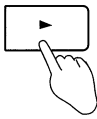
Press ID SCAN.

ID scan will start.

Illuminates



When the desired track has been found:



Press ►.

The changer will play the track from the beginning.

To cancel ID scan

ID SCAN



Press ID SCAN while this function is in operation.

The "ID" indicator will go out.

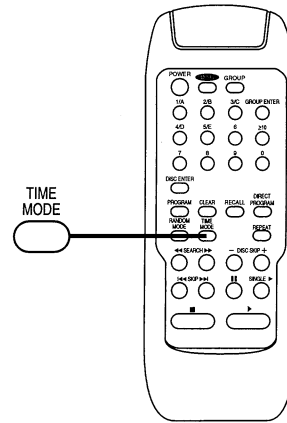
The changer will continue to play from the track being played.

Time mode selection

SL-MC300 only

(Only available from the remote control.)

The various time information of the current disc can be displayed.



TIME MODE

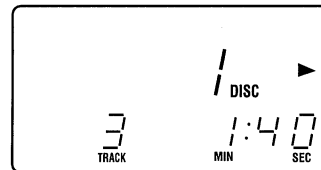


[In the play or pause mode]

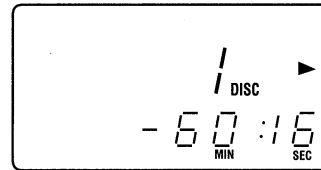
Press TIME MODE.

The information will change (as described below) each time you press the button.

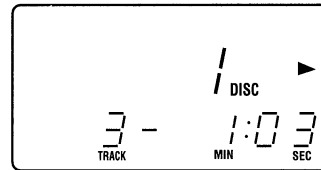
① Track number and elapsed play time of the current track



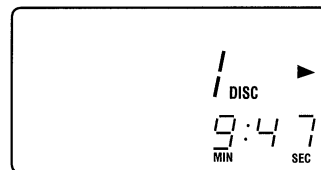
② Total remaining time on the disc



③ Track number and remaining time of the current track



④ Total elapsed play time on the disc



In all play modes

When track number 21 or greater is playing, display ③ shows "---:--".

In the program/random play mode

The displayed information will alternate between displays ① and ③ each time the button is pressed.

When you stop playing and then start play again, the display will return to display ①.

Concerning compact discs

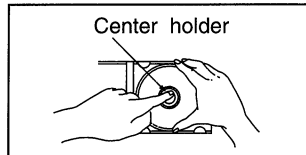
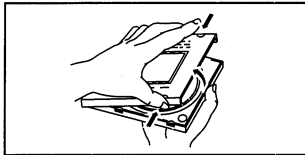
With this changer, you can only play compact discs having this mark:



Handling precautions

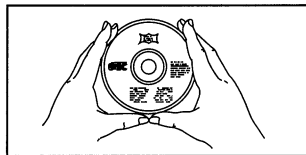
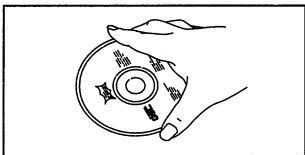
To open the compact disc case, gently press the sides of the top and pull up.

To remove the disc from the case, press the center holder and lift the disc, holding by the edges.



To return the disc to the case, insert the disc with the label facing up and press downward at the center.

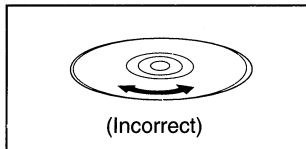
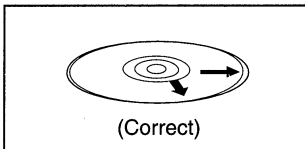
Hold compact discs by the edges so as not to soil the surface with fingerprints. Fingerprints, dirt and scratches can cause skipping and distortion.



Do not use record cleaning sprays, benzine, thinner, static electricity prevention liquids or any other solvent on a disc.

If the surface is soiled, wipe gently with a soft, damp (water only) cloth.

Always move the cloth directly outward from the center of the disc, not in a circular motion as with standard phonograph records.



If you are taking the disc from a cold to a warm environment, moisture may form on the disc. Wipe this off with a soft, dry, lint-free cloth before using the disc.

Do not write on the label side with a ball-point pen or other writing instrument.

Storage precautions

Be sure to store discs in their cases to protect them from dust, scratches, and warping.

Do not place or store discs in the following places:

- 1) Locations exposed to direct sunlight
- 2) Humid or dusty locations
- 3) Locations directly exposed to a heat vent or heating appliance
- 4) In the glove compartment or on the rear deck of an automobile

Technical specifications

AUDIO

No. of channels	2 (left and right, stereo)
Frequency response	2-20,000 Hz, ± 1 dB
Output voltage	2 V (at 0 dB)
Dynamic range	92 dB
S/N	100 dB
Total harmonic distortion	0.007% (1 kHz, 0 dB)
Wow and flutter	Below measurable limit
DA converter	MASH (1 bit)
Output impedance	Approx. 1 k Ω
Load impedance	More than 10 k Ω

PICKUP

Wavelength	780 nm
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GENERAL

Power consumption	11 W
Power supply	AC 120 V, 60 Hz
Dimensions (W×H×D)	430×170×387 mm (16-15/16"×6-11/16"×15-1/4")
Weight	7.0 kg (15.4 lb.)

Note:

Specifications are subject to change without notice.
Weight and dimensions are approximate.

MASH is a trademark of NTT.

Troubleshooting guide

Before requesting service for this unit, check the chart below for a possible cause of the problem you are experiencing. Some simple checks or a minor adjustment on your part may eliminate the problem and restore proper operation.

If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, refer to the directory of authorized service centers (enclosed with this unit) to locate a convenient service center, or consult your Technics dealer for instructions.

(In U.S.A. consult MSC Authorized Servicers for detailed instructions or call 1-800-545-2672 for the address of an authorized factory servicenter.)

Problem	Probable cause(s)	Suggested remedy
Changer will not play.	A disc(s) or other foreign object(s) has fallen inside the changer.	• Open the front panel, and then remove the object.
	Moisture has collected in the changer.	• Switch on and allow the changer to dry out for about one hour before using it.
The disc in the changer does not play.	The disc label is facing left.	• Set the disc with the label facing right.
	The disc is dirty.	• Wipe the disc with a soft cloth.
	The disc is scratched.	• Replace the disc with a new one.
	The disc is warped.	
The disc is not within specified standards.		
Play stops before changing to the next disc.	The front panel is open.	• Close the panel
A certain music passage can't be played correctly.	The disc is dirty.	• Wipe the disc with a soft cloth.
	The disc is scratched.	• Replace the disc with a new one.
There is noise from the tuner or disturbance on the TV screen.	Caused by high-frequency signals from this changer.	• Use the changer further away from the tuner or TV. • If the tuner or TV's antenna is the indoor type, use an outdoor one.
The error message "NO PGM" appears on the display, when program play is started.	Play was started without a track being programmed.	• Program a track.
The error message "ERROR" appears on the display, and the changer stops operating.	The mechanism of the changer has been improperly adjusted.	• Turn the unit off and then back on again.
The error message "F-26" appears on the display and the changer stops operating.	The servo LSI has malfunctioned.	• Unplug the changer from its outlet, replug it in and turn the changer ON again.
The error message "TAKE OUT" appears on the display and the changer stops operating.	A disc has been put in the slot of the disc in play.	• Remove the disc whose number is displayed and press the stop button.
	Because of light or noise, the changer has detected a disc in the slot of the disc being played, even though it is empty.	• Check whether there is a disc in the displayed slot. With the front panel close, hold down ■ for at least 4 seconds.

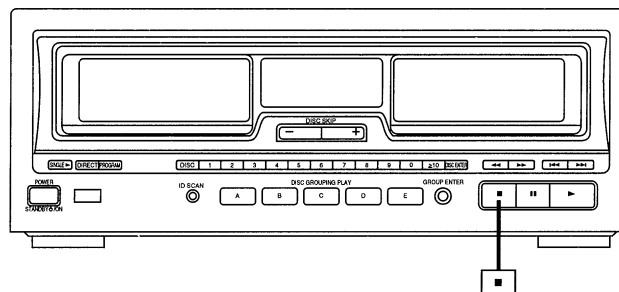
Product service

Do not attempt to remove the cover(s) or repair the unit yourself.

Refer servicing to qualified personnel only.

Product information

For product service, product information or assistance in product operation, refer to the servicenter directory.



When getting service

Before bringing in your changer for service, be sure to remove all discs first.

If the disc in play doesn't return to its slot when you press ■, hold the button down for about 4 seconds. The disc should return to the slot.

Disc index

If should be easier for you to remember what disc is in what slot and the group(s) it's in if you record everything in this table.

No	GROUP					DISC NAME
0	SINGLE					
1	A	B	C	D	E	
2	A	B	C	D	E	
3	A	B	C	D	E	
4	A	B	C	D	E	
5	A	B	C	D	E	
6	A	B	C	D	E	
7	A	B	C	D	E	
8	A	B	C	D	E	
9	A	B	C	D	E	
10	A	B	C	D	E	
11	A	B	C	D	E	
12	A	B	C	D	E	
13	A	B	C	D	E	
14	A	B	C	D	E	
15	A	B	C	D	E	
16	A	B	C	D	E	
17	A	B	C	D	E	
18	A	B	C	D	E	
19	A	B	C	D	E	
20	A	B	C	D	E	
21	A	B	C	D	E	
22	A	B	C	D	E	
23	A	B	C	D	E	
24	A	B	C	D	E	
25	A	B	C	D	E	
26	A	B	C	D	E	
27	A	B	C	D	E	
28	A	B	C	D	E	
29	A	B	C	D	E	
30	A	B	C	D	E	
31	A	B	C	D	E	
32	A	B	C	D	E	
33	A	B	C	D	E	
34	A	B	C	D	E	
35	A	B	C	D	E	
36	A	B	C	D	E	
37	A	B	C	D	E	
38	A	B	C	D	E	
39	A	B	C	D	E	
40	A	B	C	D	E	
41	A	B	C	D	E	
42	A	B	C	D	E	
43	A	B	C	D	E	
44	A	B	C	D	E	
45	A	B	C	D	E	
46	A	B	C	D	E	
47	A	B	C	D	E	
48	A	B	C	D	E	
49	A	B	C	D	E	
50	A	B	C	D	E	
51	A	B	C	D	E	
52	A	B	C	D	E	
53	A	B	C	D	E	
54	A	B	C	D	E	
55	A	B	C	D	E	

No	GROUP					DISC NAME
56	A	B	C	D	E	
57	A	B	C	D	E	
58	A	B	C	D	E	
59	A	B	C	D	E	
60	A	B	C	D	E	
61	A	B	C	D	E	
62	A	B	C	D	E	
63	A	B	C	D	E	
64	A	B	C	D	E	
65	A	B	C	D	E	
66	A	B	C	D	E	
67	A	B	C	D	E	
68	A	B	C	D	E	
69	A	B	C	D	E	
70	A	B	C	D	E	
71	A	B	C	D	E	
72	A	B	C	D	E	
73	A	B	C	D	E	
74	A	B	C	D	E	
75	A	B	C	D	E	
76	A	B	C	D	E	
77	A	B	C	D	E	
78	A	B	C	D	E	
79	A	B	C	D	E	
80	A	B	C	D	E	
81	A	B	C	D	E	
82	A	B	C	D	E	
83	A	B	C	D	E	
84	A	B	C	D	E	
85	A	B	C	D	E	
86	A	B	C	D	E	
87	A	B	C	D	E	
88	A	B	C	D	E	
89	A	B	C	D	E	
90	A	B	C	D	E	
91	A	B	C	D	E	
92	A	B	C	D	E	
93	A	B	C	D	E	
94	A	B	C	D	E	
95	A	B	C	D	E	
96	A	B	C	D	E	
97	A	B	C	D	E	
98	A	B	C	D	E	
99	A	B	C	D	E	
100	A	B	C	D	E	
101	A	B	C	D	E	
102	A	B	C	D	E	
103	A	B	C	D	E	
104	A	B	C	D	E	
105	A	B	C	D	E	
106	A	B	C	D	E	
107	A	B	C	D	E	
108	A	B	C	D	E	
109	A	B	C	D	E	
110	A	B	C	D	E	

Write your group names in here.

GROUP	GROUP NAME
A	
B	
C	
D	
E	

Matsushita Consumer Electronics Company, Division of Matsushita Electric Corporation of America
 One Panasonic Way Secaucus,
 New Jersey 07094

Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc. ("PSC")
 Ave. 65 de Infantería. Km. 9.5
 San Gabriel Industrial Park, Carolina,
 Puerto Rico 00985

Matsushita Electric of Canada Limited
 5770 Ambler Drive,
 Mississauga, Ontario
 L4W 2T3

Technics®

How to use the remote control transmitter RAK-SL413WH



Battery notes

Do not mix old and new batteries, or batteries of different types (carbon and alkaline, etc.).

Always remove old, weak or worn-out batteries promptly and dispose of them properly.

The average battery life is about one year. Although the battery life varies depending on how often the device is used, you should generally replace the batteries about once a year.

The batteries should be replaced if commands from the remote control transmitter do not operate the unit even when the transmitter is held close to the front panel.

Never subject batteries to excessive heat or flame; do not attempt to disassemble them; and be sure they are not short-circuited.

If you will not use the remote control for a long period of time, remove the batteries and store them in a cool, dark place.

If a battery leaks, remove all batteries and dispose of them properly. Thoroughly clean the battery compartment before inserting new batteries.

If the leaking electrolyte comes into contact with skin or clothes, flush with water immediately.

Keep batteries out of reach of children.

Do not use rechargeable (nickel-cadmium) type batteries.

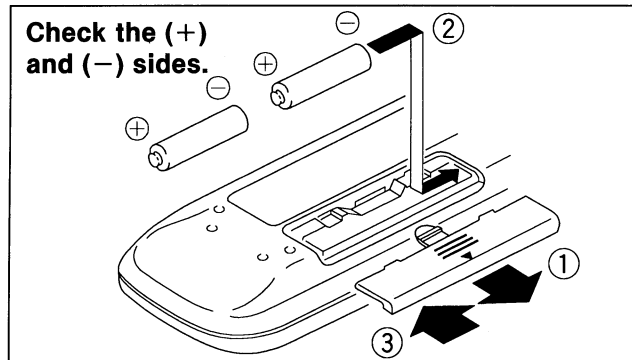
Do not attempt to recharge alkaline or carbon batteries.

Do not dispose of used batteries in household rubbish.

Before use

Battery installation

Insert the batteries included with this unit as shown below.

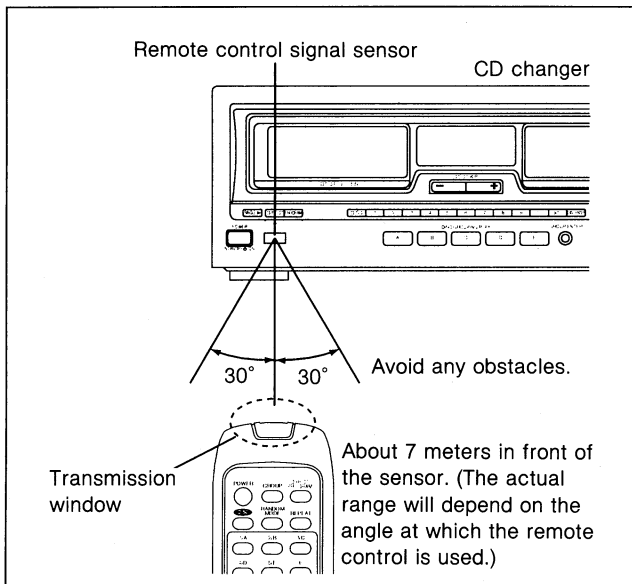


When you need to replace these batteries

Use two UM-4 "AAA", IEC R03 (1.5 V) or equivalent batteries.

Method for use

Use the remote control within 60 degrees and within 7 meters (23 ft.) facing directly toward the changer's remote control signal sensor.



Note

Be sure the transmission window and the unit's sensor are free from dust. Excessive dust might affect performance.

The operation may not be correct if direct sunlight or another strong light source strikes the receiving sensor of this unit. If there is a problem, place the unit away from the light source.

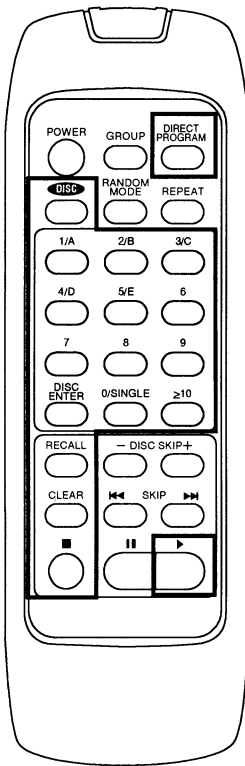
Quick reference table for remote control operation

For details about each function, refer to the operating instructions for the main unit.

Basic operation																										
	To turn OFF/ON the main unit	POWER 																								
	To select a specific disc	→ <table border="0"> <tr> <td>1/A</td> <td>2/B</td> <td>3/C</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>4/D</td> <td>5/E</td> <td>6</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">0/SINGLE</td> </tr> <tr> <td colspan="3" style="text-align: center;"></td> </tr> </table> →	1/A	2/B	3/C				4/D	5/E	6				7	8	9				0/SINGLE					
	1/A	2/B	3/C																							
	4/D	5/E	6																							
7	8	9																								
0/SINGLE																										
To select a specific track	<table border="0"> <tr> <td>1/A</td> <td>2/B</td> <td>3/C</td> <td rowspan="6"> To select a track between 1 and 9: Press the corresponding number on the keypad. To select a two-digit track number 10 or higher: First press ≥10, and then press the numbers for the two digits. </td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>4/D</td> <td>5/E</td> <td>6</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">0/SINGLE ≥10</td> </tr> <tr> <td colspan="3" style="text-align: center;"> </td> </tr> </table>	1/A	2/B	3/C	To select a track between 1 and 9: Press the corresponding number on the keypad. To select a two-digit track number 10 or higher: First press ≥10, and then press the numbers for the two digits.				4/D	5/E	6				7	8	9				0/SINGLE ≥10					
1/A	2/B	3/C	To select a track between 1 and 9: Press the corresponding number on the keypad. To select a two-digit track number 10 or higher: First press ≥10, and then press the numbers for the two digits.																							
4/D	5/E	6																								
7	8	9																								
0/SINGLE ≥10																										
To start play																										
To stop play temporarily	Press button to resume play.																									
To stop play																										

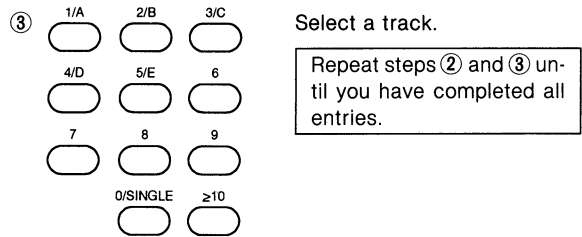
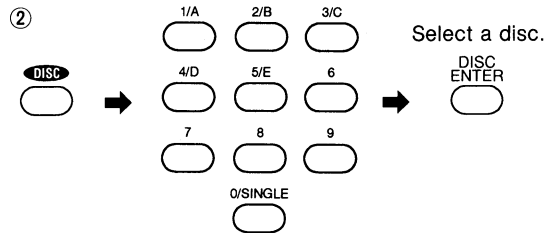
Random play		
	To start one disc/full random play	RANDOM MODE <p>Each time the button is pressed, the random mode will change in the following order:</p> <pre> graph LR A[One disc random] --> B[Full random] B --> C[(off)] C --> A </pre>
	To stop random play	This stops play and cancels random play at the same time.

Program play



To start program play

① (In the stop mode)
 Select the program mode. (Press PROGRAM on the changer front panel.)



④ Start play.

To check programmed contents

RECALL
 The selections entered are displayed one by one each time this button is pressed.

To clear a single item from the program

CLEAR
 Only the selection which is currently displayed is cleared.

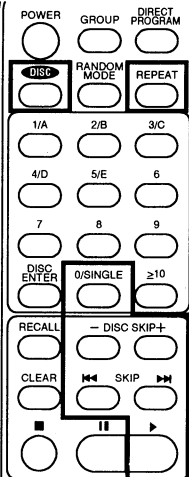
To clear all programmed contents

(In the stop mode)

To add the track currently being played to the program

(In the play mode)
 DIRECT PROGRAM

Skip discs/skip tracks/repeat function, Single disc play



To skip discs

- DISC SKIP+

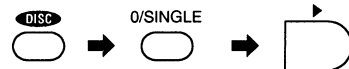
To skip tracks

SKIP

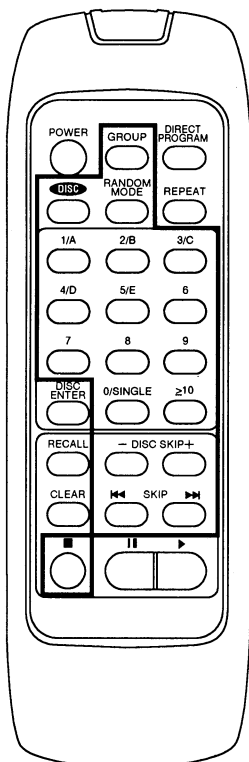
To repeat play

(Before or during play)
 To cancel repeat mode. Press REPEAT again.
 REPEAT

To play the disc in slot No.0



Disc grouping play



To group discs

① Select the disc number.

OR

— DISC SKIP+ 0/SINGLE

② Select the group enter mode. (Press GROUP ENTER on the changer front panel.)

③ Select a group. Repeat steps ①, ② and ③ until you have completed all items.

To cancel discs from groups

Perform above steps ① and ②, and then select the group you want to cancel in step ③.

To cancel a particular disc from all groups, press ■ in step ③ above.

To name groups

① Select the group naming mode. (Press GROUP ENTER on the changer front panel.)

② Call up the group name you want on the display.

③ Select the group you want to name.

For sequential play within a given group

Select the group you want.

For random play within a given group

① Select the group you want.

② Select the random mode.

Troubleshooting guide

Problem	Probable cause(s)	Suggested remedy
The changer does not respond correctly to remote commands.	The batteries have run out.	• Replace batteries with new ones.
	There is an obstruction between the remote control and the changer.	• Remove the obstruction.
	The batteries are inserted incorrectly. [The (+) and (-) polarities are reversed.]	• Reinsert batteries so that the polarities are correct.