

CD PLAYER

DP-3010
DP-2010
DP-1510

INSTRUCTION MANUAL

KENWOOD CORPORATION

Notes:

- This instruction manual is for common use with the three models above.
- Some of the models may not be on the market in certain areas (countries).

COMPACT
disc
DIGITAL AUDIO

B50-9502-10 (JA) (K,P,E,T,M,X,U,UE)(A)
B50-9555-10 (SI) (K,E,T)(A)
90/12 11 10 9 8 7 6 5 4 3 2 1 89/12

Introduction

Your choice of this product indicates that you are a devotee to excellence in sound reproduction.

We appreciate your patronage and take pride in the long tradition of quality components, that our company represents.

So that you can get the most out of your unit, we suggest that you take the time to read through this manual before you hook up and operate your system.

This will acquaint you with operating features, and system-connection considerations, so that your listening pleasure will be enhanced right from the start. You will notice that in all aspects of planning, engineering, styling, operating convenience and adaptability, we have sought to anticipate your needs and desires.

Keep this manual handy for future reference.

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your dealer for information or service on this product.

Model _____ Serial Number _____

Unpacking

Unpack the unit carefully and make sure that all accessories are put aside so they will not be lost.

Examine the unit for any possibility of shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.

We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.

CAUTION: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

KENWOOD CORPORATION
SHIONOGI SHIBUYA BUILDING 17-5, 2-CHOME,
SHIBUYA, SHIBUYA-KU, TOKYO, JAPAN

KENWOOD CORP. CERTIFIES THIS EQUIPMENT
CONFORMS TO DHHS REGULATIONS NO. 21 CFR
1040, 10, CHAPTER I, SUBCHAPTER J.

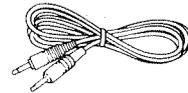
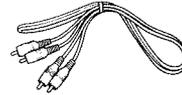
Location: Back Panel

DANGER
INVISIBLE LASER RADIATION WHEN OPEN
AND INTERLOCK FAILED OR DEFEATED.
AVOID DIRECT EXPOSURE TO BEAM.

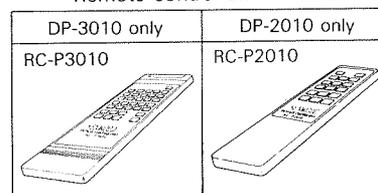
Location: Inside, near the Laser mechanism.

Accessories

- Audio cord 1
- System control cord 1
(Except for the U.K. and Europe)



- Remote control unit 1



- Battery 2
('AA' or 'R6')
(Except for DP-1510)



Contents

Caution: Read the following pages marked in Δ carefully to keep your safety.

| | | | |
|---|----|--|----|
| Δ Before applying power | 3 | Playing a program | 15 |
| Δ Important safeguards | 4 | Playing a particular track of a program | 15 |
| Before operation | 6 | Stopping programmed play | 15 |
| System connections | 7 | Adding a track | 15 |
| Controls and indicators (DP-3010) | 8 | Erasing a program | 15 |
| Remote control RC-P3010 (For DP-3010) | 9 | Editing (DP-3010 only) | 16 |
| Controls and indicators (DP-2010, DP-1510) | 10 | Editing | 16 |
| Remote control RC-P2010 (For DP-2010) | 11 | Checking contents of edited program | 16 |
| Manual play (Track mode) | 12 | Playing | 16 |
| Setting the play mode | 12 | Erasing an edited program | 16 |
| Playing from a desired track | 13 | Repeated play | 17 |
| Listening to the next track or previous track | 13 | To repeat all the tracks | 17 |
| Forward and reverse searching | 13 | To repeat play of a single track | 17 |
| Programmed play (program mode) | 14 | Random play | 18 |
| Programming | 14 | Time display switching and timer playing | 19 |
| AUTO SPACE function | 14 | In case of difficulty | 20 |
| Checking a program | 15 | Specifications | 20 |
| Changing a program | 15 | | |

⚠ Caution: Read this page carefully to keep your safety.

Before applying power

For the U.S.A. and Canada

Important!

Units shipped to the U.S.A. and Canada are designed for operation on 120 volts AC only.

For Australia and Europe

Important!

Units shipped to Australia are designed for operation on 240 V AC only.

Units shipped to Europe are designed for operation on 220 V AC only.

For the United Kingdom

Important!

Units shipped to the U.K. are designed for operation on 240 volts AC only.

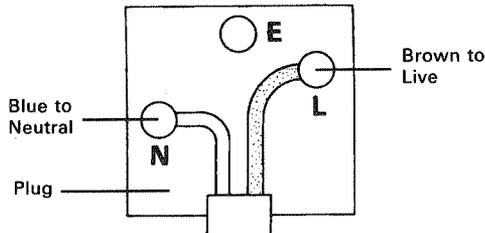
The mains plug must be removed from the wall socket prior to any internal examination.

The wires in this mains lead are coloured in accordance with the following code:

Blue Neutral
Brown Live

The wires in this mains lead must be connected to the terminals in the plug as follows:

| Wire colour | Plug terminal marking |
|-------------|-----------------------|
| Blue | N or Black |
| Brown | L or Red |



Notes:

1. If a 13-amp plug is used, this must be fitted with a 5- amp fuse.
2. If a 3-pin plug with earthing contact is used, no wire must be connected to the E terminal.

For other countries

Important!

Units shipped to countries other than the above countries are equipped with an AC voltage selector switch on the rear panel. Refer to the following paragraph for the proper setting of this switch.

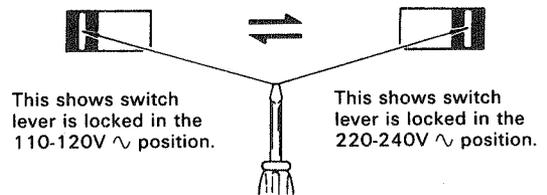
AC voltage selection

This unit operates on 110-120 or 220-240 volts AC. The AC voltage selector switch on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sure that the setting position of this switch matches your line voltage. If not, it must be set to your voltage in accordance with the following directions.

Note:

Our warranty does not cover damage caused by excessive line voltage due to improper setting of the AC voltage selector switch.

AC 110-120V ~ ◀▶ AC 220-240V ~ AC 110-120V ~ ◀▶ AC 220-240V ~



Move switch lever to match your line voltage with a small screwdriver or other pointed tool.

AC voltage selector switch

Safety precautions

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

| | | | |
|--|--|--|--|
| | <p>CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</p> | | <p>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.</p> |
| | <p>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.</p> | | |
| | <p>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.</p> | | |

IMPORTANT SAFEGUARDS

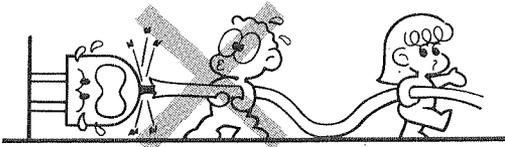
⚠ Caution : Read this page carefully to keep your safety.

Please read all of the safety and operating instructions before operating this unit. For best results, follow all warnings placed on the unit and adhere to the operating and use instructions. These safety and operating instructions should be retained for future reference.

1. Power sources — The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

2. Power-cord protection — 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, pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.

Never pull or stretch the cord.

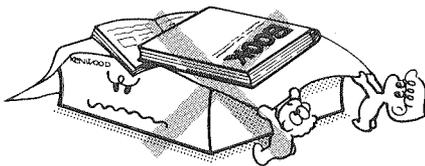


3. Grounding or polarization — The precautions should be taken so that the grounding or polarization means of this unit is not defeated.

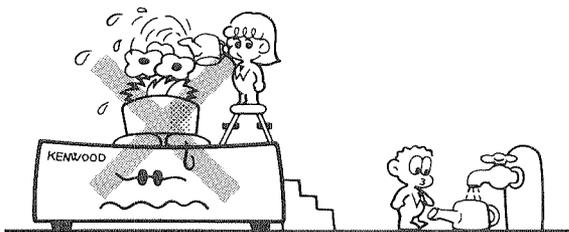
4. Ventilation — The unit should be situated so that its location or position does not interfere with its proper ventilation.

To maintain good ventilation, do not put records or a table-cloth on the unit. Place the unit at least 10 cm away from the walls.

Do not use the unit on a bed, sofa, rug or similar surface that may block the ventilation openings.

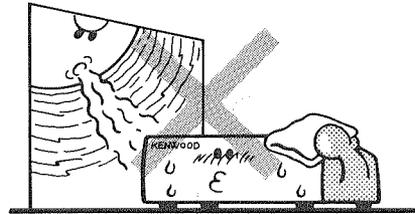


5. Water and moisture — The unit should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

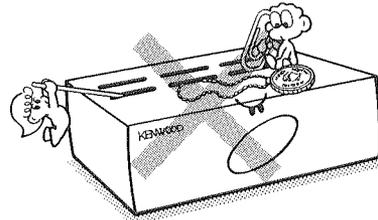


6. Temperature — The unit may not function properly if used at extremely low, or freezing temperatures. The ideal ambient temperature is above +5°C (41°F).

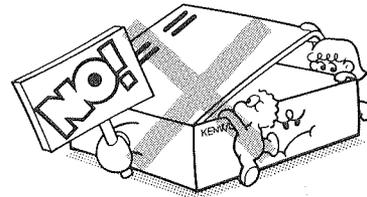
7. Heat — The unit should be situated away from heat sources such as radiators, heat registers, stoves, or other units (including amplifiers) that produce heat.



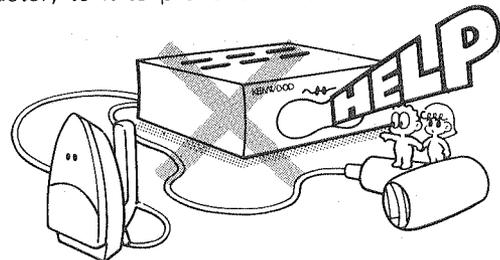
8. Electric shock — Care should be taken so that objects do not fall and liquid is not spilled into the enclosure through openings. If a metal object, such as a hair pin or a needle, comes into contact with the inside of this unit, a dangerous electric shock may result. For families with children, never permit children to put anything, especially metal, inside this unit.



9. Enclosure removal — Never remove the enclosure. If the internal parts are touched accidentally, a serious electric shock might occur.

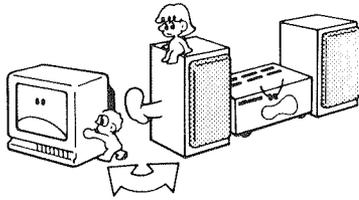


10. AC outlets — Do not connect other audio equipment with a power consumption larger than that specified to the AC outlet on the rear panel. Never connect other electrical units, such as an iron or toaster, to it to prevent fire or electric shock.

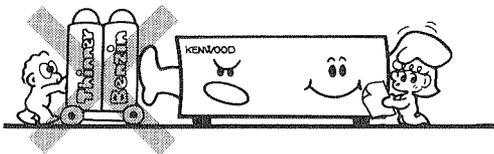


⚠ Caution : Read this page carefully to keep your safety.

11. Magnetic fields — Keep the unit away from sources of magnetic fields such as TV sets, speaker systems, radios, motorized toys or magnetized objects.



12. Cleaning — Do not use volatile solvents such as alcohol, paint thinner, gasoline, or benzine, etc. to clean the cabinet. Use a clean dry cloth.



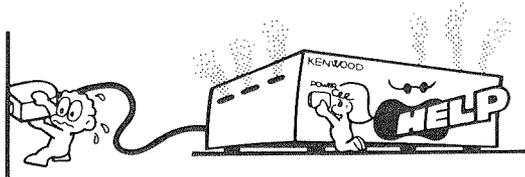
13. Carts and stands — An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



14. Nonuse periods — The power cord of the unit should be unplugged from the outlet when left unused for a long period of time.

15. Abnormal smell — If an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the power cord. Contact your dealer or nearest service center.

POWER OFF!

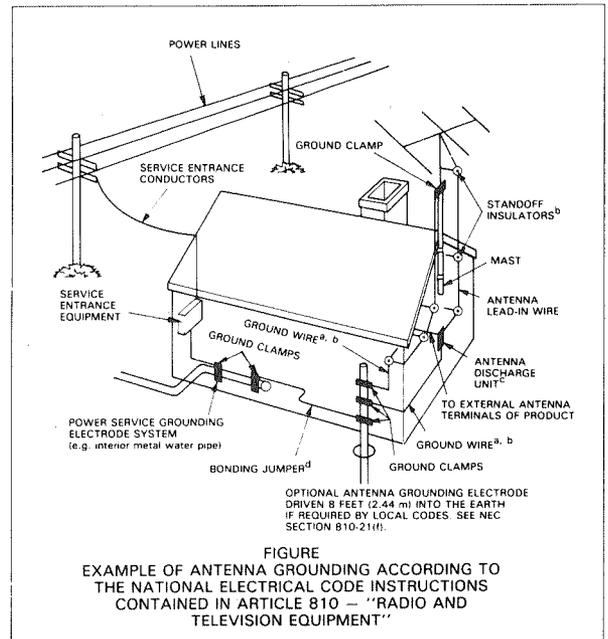


16. Damage requiring service — The unit should be serviced by qualified service personnel when:

- A.** The 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.

17. Servicing — The user should not attempt to service the unit beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

18. Outdoor antenna grounding — If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electrical Code, ANSI/ NFPA No. 70—1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure.



^a Use No. 10 AWG (5.3 mm²) copper, No. 8 AWG (8.4 mm²) aluminum, No. 17 AWG (1.0 mm²) copper-clad steel or bronze wire, or larger, as a ground wire.

^b Secure antenna lead-in and ground wires to house with stand-off insulators spaced from 4 — 6 feet (1.22 — 1.83 m) apart.

^c Mount antenna discharge unit as close as possible to where lead-in enters house.

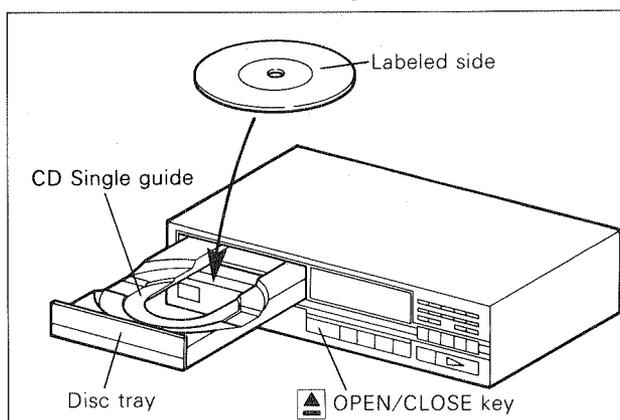
^d Use jumper wire not smaller than No. 6 AWG (13.3 mm²) copper, or the equivalent, when a separate antenna-grounding electrode is used. See NEC Section 810-21(j).

19. Power lines — An outdoor antenna should be located away from power lines.

- Notes:**
- 1. Item 3 is not required except for grounded or polarized equipment.**
 - 2. Item 10 is not required except for units provided with AC outlets.**
 - 3. Item 18 and 19 are not required except for units provided with antenna terminals.**
 - 4. Item 18 complies with UL-1270 in the U.S.A.**

Before operation

■ How to load a compact disc



Press the OPEN/CLOSE key  to open the tray. The disc is inserted with the labeled side up.

Make sure to center the CD (8 cm) correctly in the disk tray as shown in a diagram.

Close the disc tray by pressing OPEN/CLOSE key  or pushing the front of the tray lightly.

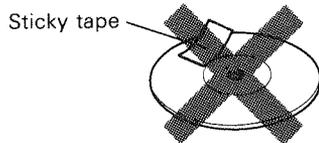
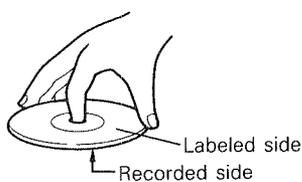
Notes:

1. **Make sure of the side of the disc. The disc cannot be played if it is placed upside down.**
2. **Do not place objects other than the disc on the disc tray.**
3. **Be sure to place a disc correctly.**

■ Notes on handling compact discs

Handling

Compact discs are made of plastic (polycarbonate). When the recorded side of the compact disc is dirty or scratched, playback may be noisy or sound may be missed. Even when the label side is scratched, the recording may be damaged. Handle compact discs carefully. Do not stick tape, etc. to compact discs.



Cleaning

When a compact disc is contaminated with fingerprints, etc., wipe with a dry cloth in a radial direction. Never use chemical solvents, such as thinner, benzene, etc. and conventional record cleaners or aerosols.



Storage

Always replace the compact disc in its case and store it. Compact discs are adversely affected by heat and moisture. Do not store compact discs in a place exposed to direct sunlight or where humidity is high.

■ Beware of condensation

Water vapor in the air may condense on cold parts, forming "dew" on its surface.

For example, when a bottle is taken out of the refrigerator and brought into a warm room, droplets of water will form on the bottle surface. This phenomenon is called "condensation". If this occurs inside the unit the player may operate incorrectly or may not function at all.

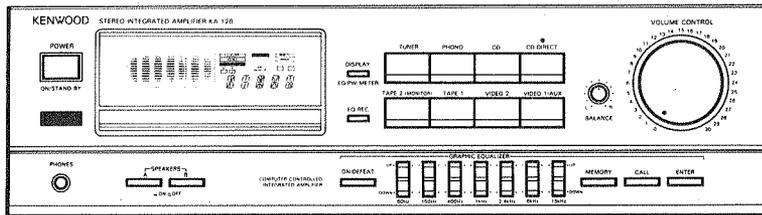
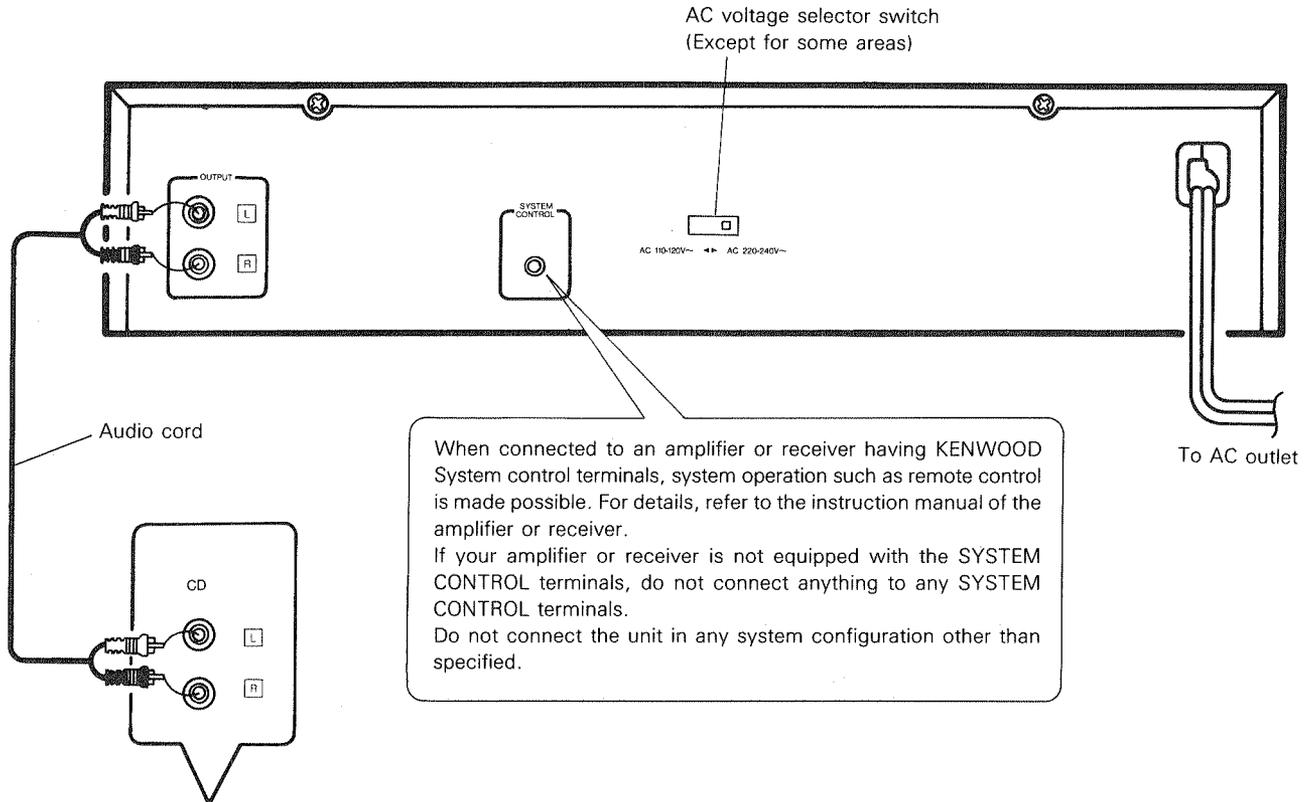
This is not a malfunction, however, the player should be left until it is dry. (Turn the power of this unit ON and leave the player for a while. After several hours, even in the worst

case, the player will stabilize and correct playback will be possible.) Be especially careful in the following cases:

- When the unit is suddenly brought from a cold place to a warm place (causing rapid temperature change).
- When the temperature of the room is raised suddenly using a heater, etc.
- When the unit is brought from a well-cooled (airconditioned) room to a damp and hot room.
- In conditions where the temperature difference between the surroundings and this unit might cause condensation.

System connections

Do not insert the power plug into the socket until all connections are completed. Connect the output terminals of this unit to the amplifier or receiver input terminals (CD, AUX etc.) by the supplied audio cord. Also refer to the manual for the amplifier to which the connection is to be made.



Amplifier or receiver

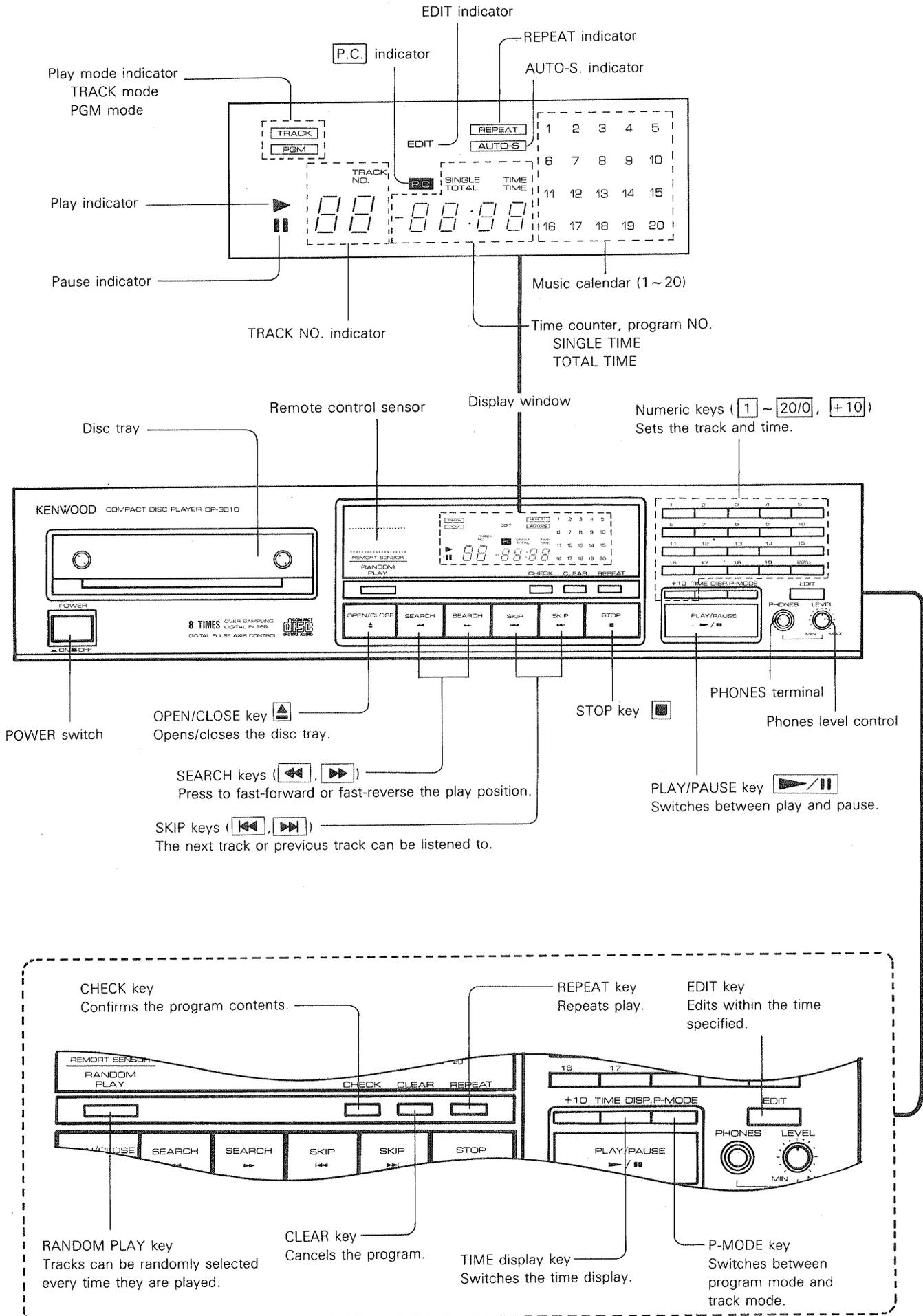
Notes:

1. Be sure that all the cords are connected properly. If they are not, the sound may not be produced or there may be noise interference.
2. When taking out and putting in the connecting cords, be sure to turn the power of this unit OFF and turn the amplifier's volume to minimum. If this is not done, it can lead to errors in functioning.

| | | |
|-----------------------|--|--|
| <p>DP-3010</p> | | <p>Using stereo headphones Plug the stereo headphone into the PHONES terminal and adjust with the headphone LEVEL knob to get the desired volume.</p> |
|-----------------------|--|--|

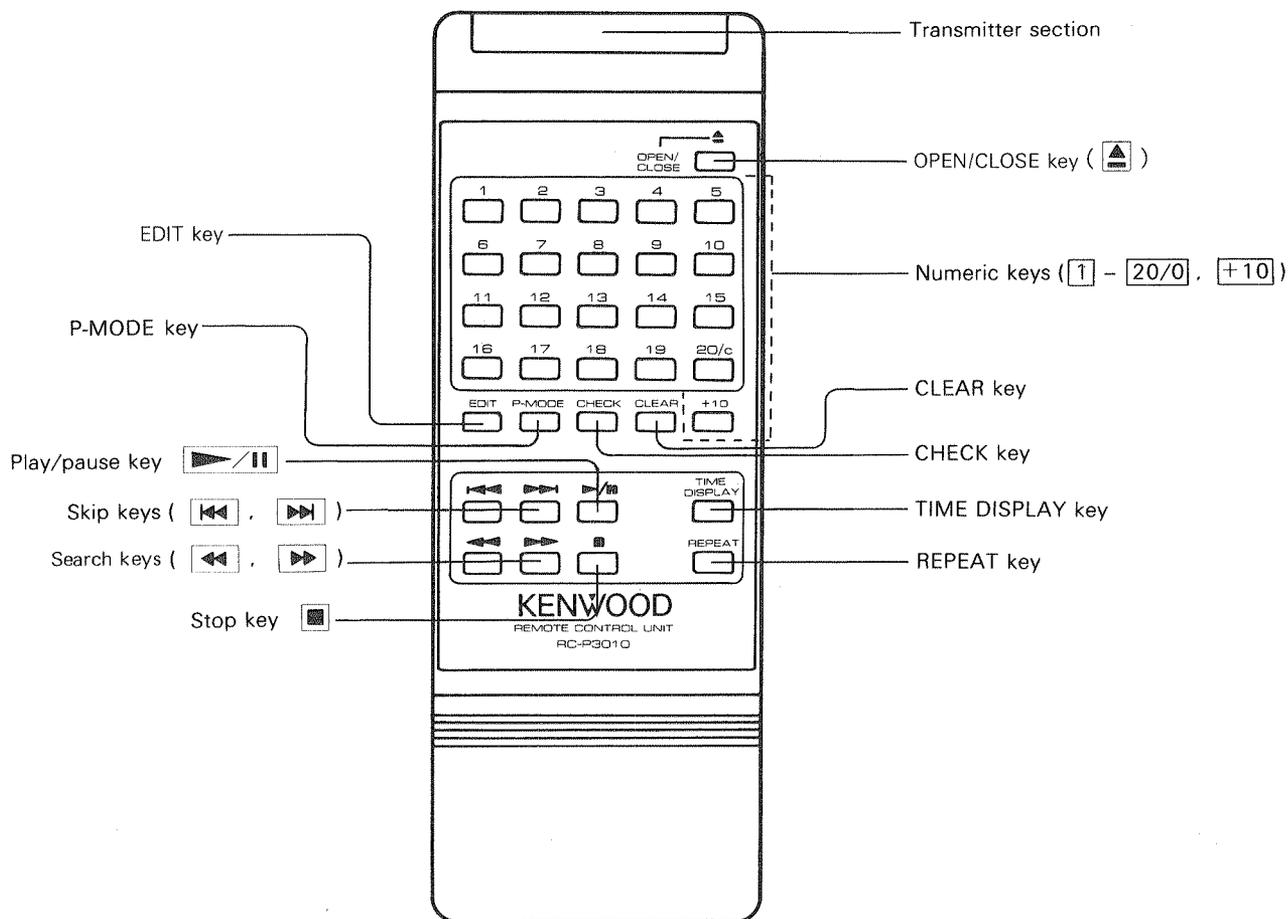
| | | |
|-----------------------------------|--|--|
| <p>DP-2010 DP-1510</p> | | <p>Using stereo headphones Plug the stereo headphone into the PHONES terminal. The volume is fixed.</p> |
|-----------------------------------|--|--|

Controls and indicators (DP-3010)



Remote control RC-P3010 (For DP-3010)

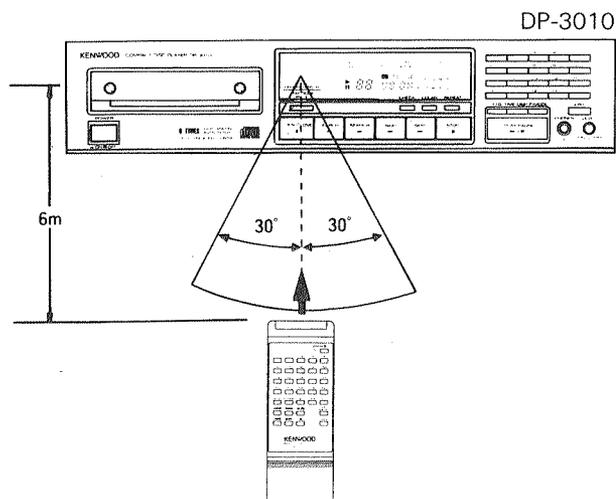
Most keys have the same functions as the front panel controls.



TYPE Infrared pulse

■ Operating range of remote control unit

This functions as shown in the diagram below, although there can be variations depending on the temperature, humidity and place of use.

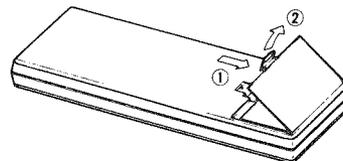


Note:
Press the remote control operating keys at intervals of at least one second. If you press the next key too quickly, incorrect operation may sometimes occur.

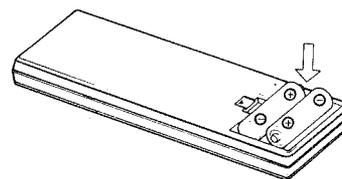
■ Supplying batteries for the remote control unit.

Load two "R6", "AA" type batteries in the remote control unit as shown in the illustration.

1. Remove the cover.

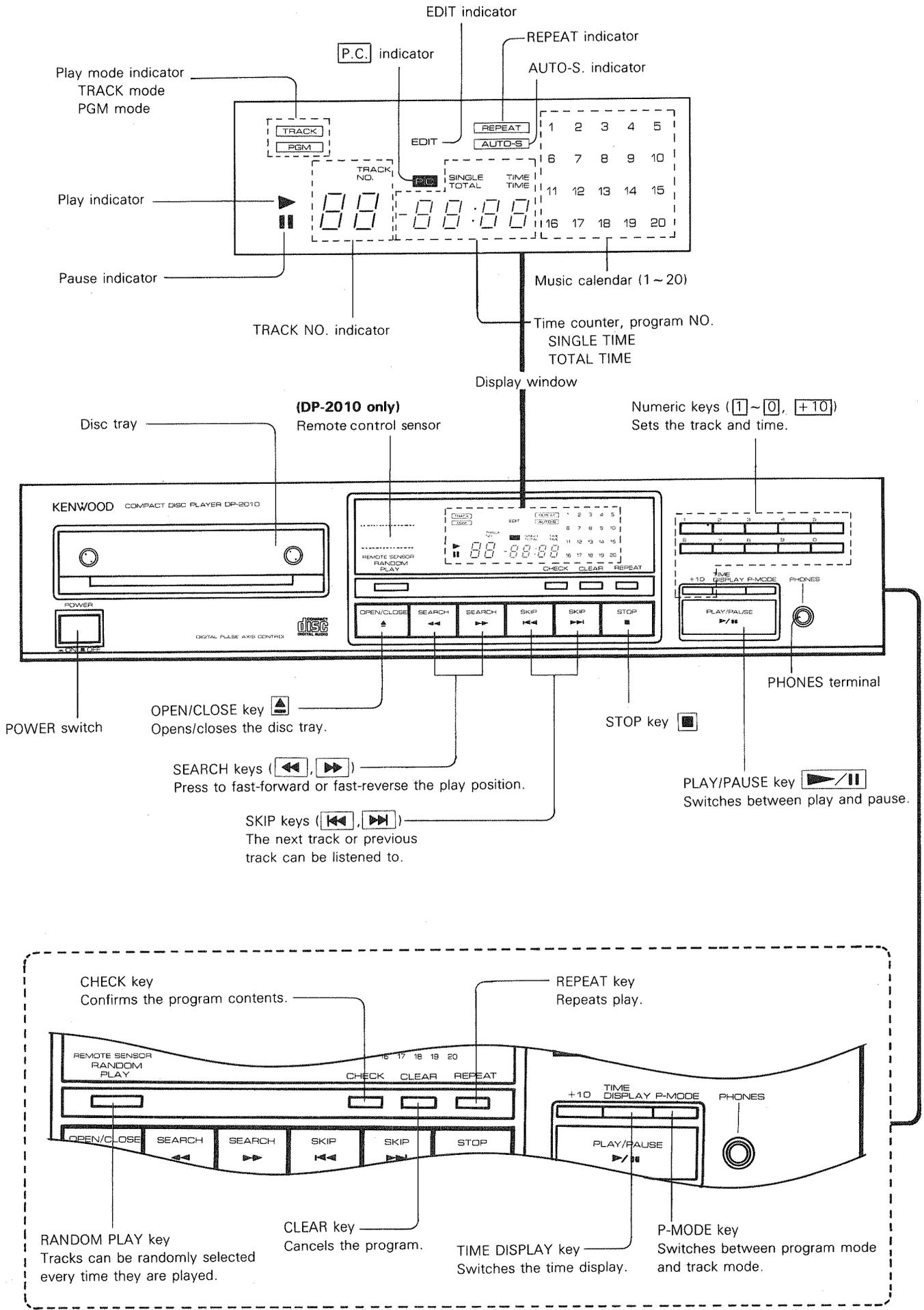


2. Insert batteries with correct polarity, and close the cover.



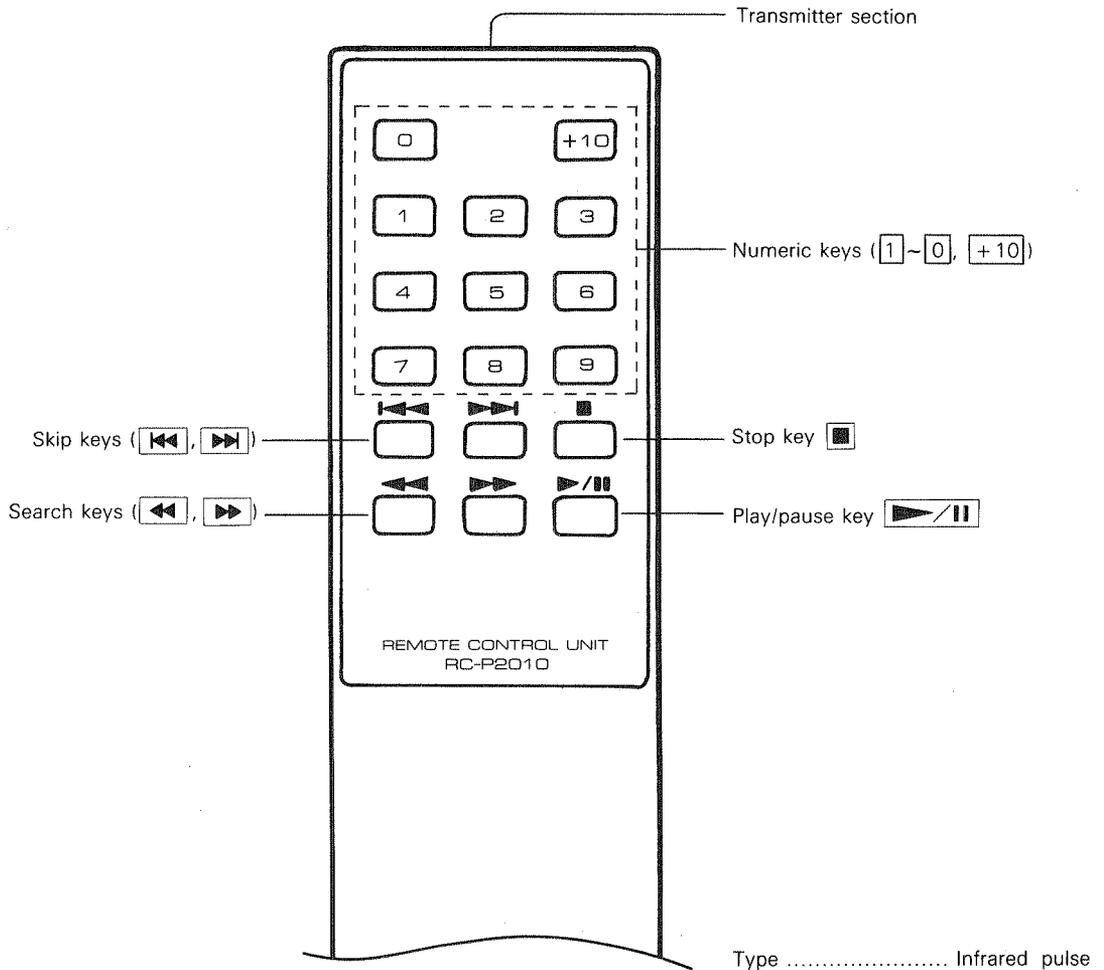
Note:
The provided batteries are to be used for checking the operation of the remote control unit and they may have shorter life than normal. When the remote control unit becomes effective only for shorter distance or is not effective for operation, replace them with two new batteries.

Controls and indicators (DP-2010, DP-1510)



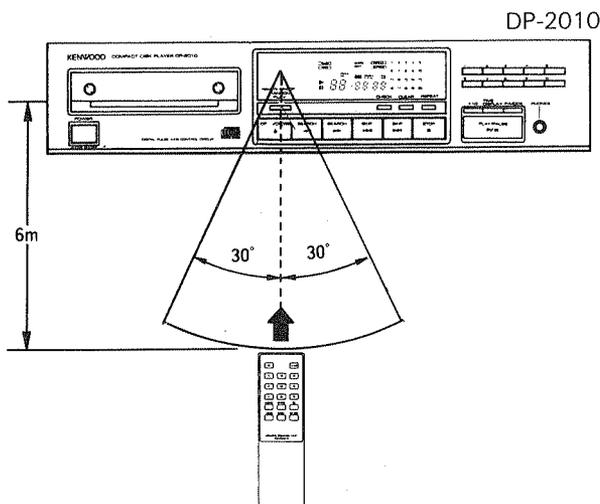
Remote control RC-P2010 (For DP-2010)

Most keys have the same functions as the front panel controls.



■ Operating range of remote control unit

This functions as shown in the diagram below, although there can be variations depending on the temperature, humidity and place of use.

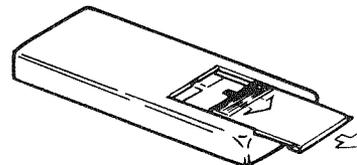


Note:
Press the remote control operating keys at intervals of at least one second. If you press the next key too quickly, incorrect operation may sometimes occur.

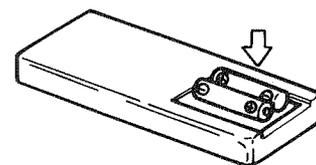
■ Supplying batteries for the remote control unit

Load two "R6", "AA" type batteries in the remote control unit as shown in the illustration.

1. Remove the cover.

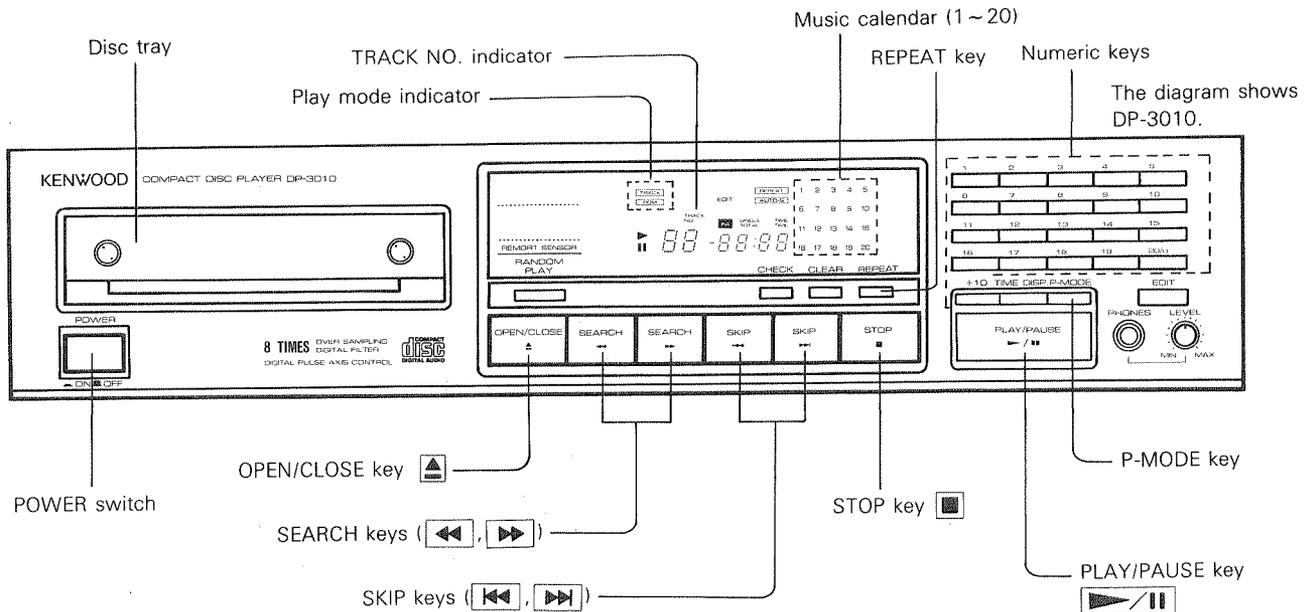


2. Insert batteries with correct polarity, and close the cover.



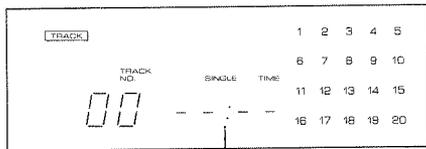
Note:
The provided batteries are to be used for checking the operation of the remote control unit, and they may have shorter life than normal.
When the remote control unit becomes effective only for shorter distance or is not effective for operation, replace them with two new batteries.

Manual play (Track mode)



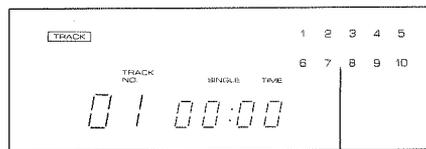
■ Setting the play mode

When the power has been turned on



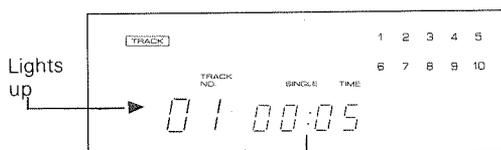
When a disc has not been put in.

When putting in disc



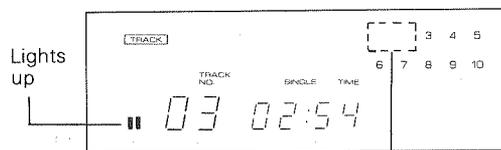
Indication of recorded track numbers.

When the PLAY/PAUSE key is pressed



Time elapsed.

Example of pausing play at the third track



The numbers of the tracks already played go out in order.

Preparing to play

1. Press the POWER switch to turn on.
2. Press the OPEN/CLOSE key to make the tray slide out.
3. Place the disc in the tray with the labeled side up.
4. Press the OPEN/CLOSE key again to make the tray slide back in.

Play

Press the PLAY/PAUSE key .

- After a few seconds play will start from the first track.
- If a disc has already been put in, play will start automatically from the first track when the power is turned on.

Pausing play

Press the PLAY/PAUSE key .

- The pause indicator (||) will light up and play will stop at that point.
- When the PLAY/PAUSE key is pressed again, play will resume from that point.

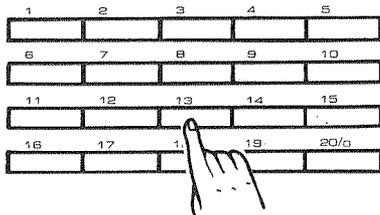
To stop play

Press the STOP key .

- The play indicator (▶) goes out and the play stops.

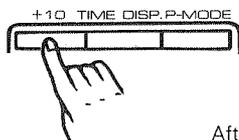
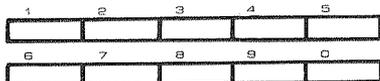
Example: when starting play from 13th track

In case of DP-3010

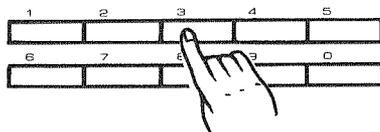


Press **[13]** once.

In case of DP-2010 and DP-1510



After pressing **[+10]** once.



Press **[3]** once.

■ Playing from a desired track

1. Check that the play mode indicator is on **TRACK**.
 - If it is on **PGM**, press the P-MODE key to make **TRACK** light up.
2. Input the track number of the desired track by the numeric keys.

Input example (DP-3010)

For the 13th track, press **[13]**.

For the 40th track, after pressing **[+10]** four times, press **[20/0]**.

- The numeric key **[20/0]** is used when selecting track number "20" or specifying "0" of 30, 40, etc.

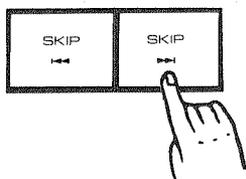
Input example (DP-2010, DP-1510)

For the 13th track, after pressing **[+10]** once, press **[3]**.

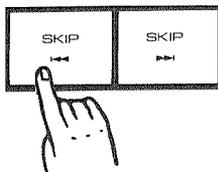
For the 20th track, after pressing **[+10]** twice, press **[0]**.

Notes:

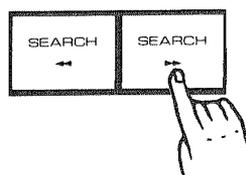
1. If the disc tray is open and a track number is specified for which there does not exist a track on the disc, the disc tray will be automatically closed and play will start from the last track. However, if the non-existent track number key is pressed during play, it will have no effect.
2. When more than 20 tracks are specified, the music calendar is not displayed.



When this key is pressed while the player is stopped, play will start from the beginning of the second track.



When this key is pressed while the player is stopped, play will start from the beginning of the last track.



When one of these keys is pressed during play you will hear a cueing sound as the pickup moves forward or backward across the disc. If you release the key referring to this sound, normal play will be returned from that point.

■ Listening to the next track or previous track

Press the **SKIP** key **[▶▶]** (or **[◀◀]**) while looking at **TRACK No.** on the display.

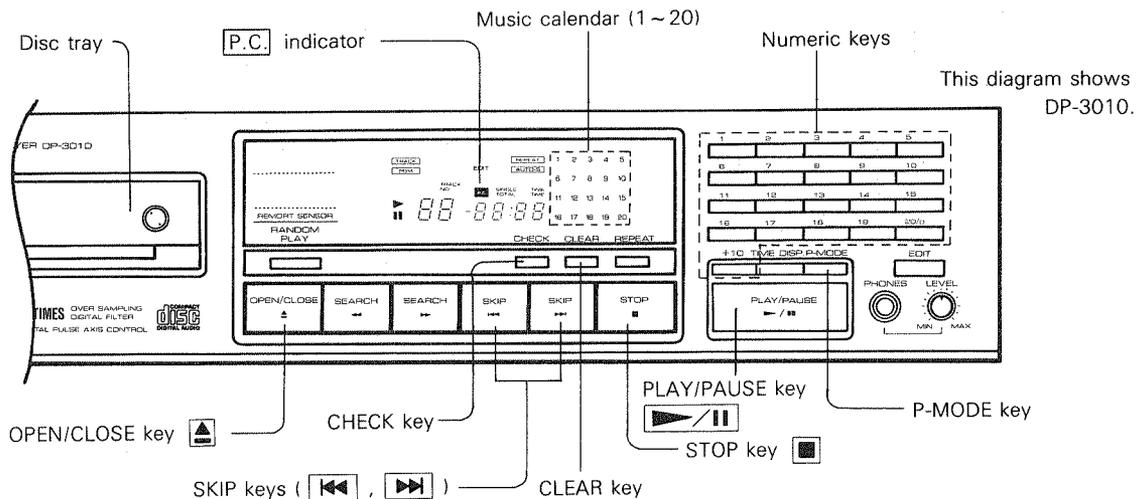
- Press once to select the next track (or the previous track). Press repeatedly or keep the key depressed to select several tracks ahead (or several tracks backward).
- Play will start from the beginning of the selected track.
- When the **[◀◀]** key is pressed once during play, the track starts again from the beginning.
- Play can also be started during a pause by operating the **SKIP** keys and pressing the **PLAY/PAUSE** key **[▶/||]** after selecting the track.

■ Forward and reverse searching

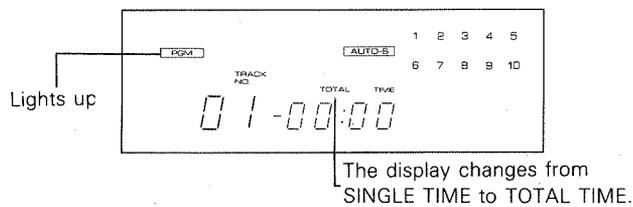
During play you can search forward (or backward) at high speed by pressing the **SEARCH** keys **[▶▶]** (or **[◀◀]**).

Programmed play (program mode)

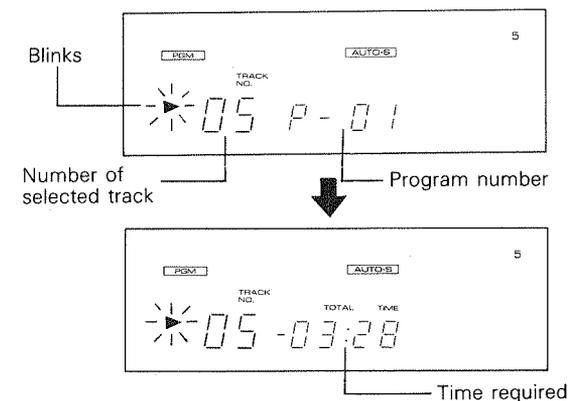
It is possible to program and play a maximum of 20 tracks in a desired sequence.



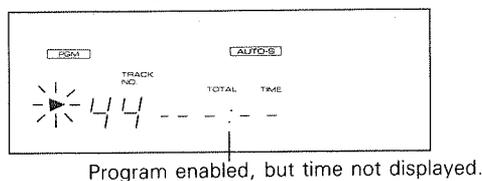
Example of 5th track being programmed



When program mode put to program mode



When track number beyond 43 selected



■ Programming

1. Press the P-MODE key to put in the program mode.
 - You can also program while looking at the disc label with the tray slid out.
2. Select the desired track numbers with numeric keys.
 - Example: While the display is as indicated in the diagram on the left when [5] is pressed, you can program the next track without waiting for the display to change.
3. You can specify up to 20 programs in the same operation.
 - If you select a wrong track number, press the CLEAR key, then select the numeric key of the desired track again.
 - When track numbers are specified which are not recorded in the disc with the tray slid out, these numbers are initially displayed on the music calendar. But when the tray is slid back in again, they are automatically canceled.
 - When track numbers beyond 43 are selected, the remaining time for the individual tracks and the remaining time for the whole disc are not displayed.

AUTO SPACE function

When in the program mode, **AUTO-S** lights up and intervals with no sound of about 4 seconds are created between the programmed tracks. This function is for making use of the DPSS system on the KENWOOD cassette deck.

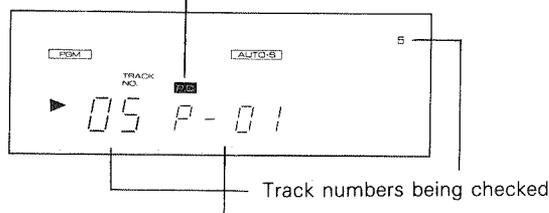
- The following kind of CD can have the track numbers separated, and even if the tracks are linked, with this unit

no-sound intervals of about 4 seconds can be created.

- ① Classical and other types of music divided into movements.
- ② Live music and the like where the next track starts before the applause dies down.

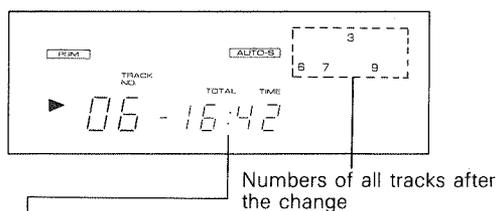
Example of when the CHECK key is pressed

P.C. lights up and goes out after several minutes.



The display shows the program numbers being checked and then returns to required time after several seconds.

Example of when a program is changed



The display shows the program numbers and then returns to total time after several seconds.

■ Checking a program

Press the CHECK key to confirm program contents.

- Each time you press the CHECK key, the display advances by one track (from the start of the program) and shows the track numbers.

■ Changing a program

1. Press the CHECK key until the display shows the track number that you wish to change.
2. While the P.C. is lit up, input your desired track number by using the numeric keys.
 - Track being played cannot be changed.

■ Playing a program

After completing the programming, press the PLAY/PAUSE key .

- The play indicator () stops blinking and lights up continuously. Then your tracks are played as you programmed them.

■ Playing from a particular track of a program

1. Press the SKIP key  to advance to the next program.
2. Press the SKIP key  to go back to the program or previous program.
 - The play starts from the beginning of the selected track.
 - If you press the  once during play, it starts from the beginning of that track.

■ Stopping programmed play

Press the STOP key .

- If you then press the PLAY/PAUSE key , the play starts once more from the beginning of the program.

■ Adding a track

During the program mode you can add programs to the end by selecting the appropriate track numbers using the numeric keys.

■ Erasing a program

Press the CLEAR key.

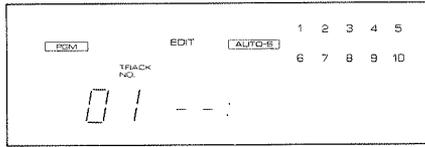
- To erase the program contents from the last track in order, press the CLEAR key each time.
- All program contents will be erased if you perform any of the following operations.
 - ① Pressing the P-MODE key and switching into the TRACK mode.
 - ② Pressing the OPEN/CLOSE key  when the tray is closed.
 - ③ If the player is stopped and you press the CLEAR key as many times as there are tracks on the program.
 - ④ Turning off the power.

Editing (DP-3010 only)

This function is for editing when you are recording the contents of a CD onto a tape. It is to ensure that the final tracks will not be left off because of the time limitations for the A and B side of the tape and that the possible recording time on the tape will be fully used.

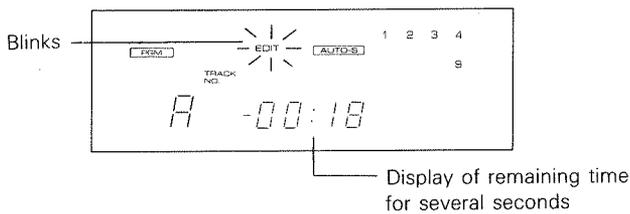
When the EDIT key is pressed

PGM, EDIT and AUTO-S. light up

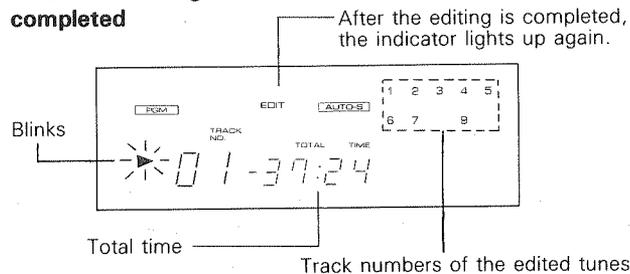


The play mode changes to the program mode.

Example of display when the editing for one side is completed



When the editing is completed



When editing after having programmed particular tracks, if these programmed tracks are given priority and there is set time to spare, tracks which have not been programmed will automatically be added.

Notes:

1. While you can edit with a different time setting to that of the tape you are using, part of the tape may be left with nothing recorded on it, or the last track on side A or side B may be cut short.
2. Up to a maximum of 20 tracks can be edited using this function.
3. Even if one track is programmed beyond track number 43, the editing function will not operate.
4. The EDIT function may not operate properly for discs having only one track or having tracks of long duration such as classical music.

Editing

1. Press the EDIT key when the player is stopped.

2. Within 5 seconds of pressing the EDIT key, set the return time for the tape on which you are going to record using the numeric keys.

- You cannot set for over 100 minutes.

Example: When you want to edit on a 46 minute tape Press the **[+10]** key four times and key number **[6]** once.

- The editing is carried out in the following sequence.

- ① The setting time is halved (to 23 minutes in the example above) and track numbers are selected automatically so that they just fit in file A (for the A side of the tape).
- ② After several seconds the time remaining on file A is shown on the display, and then the editing is carried out in the same way for file B (for the B side of the tape).
- ③ When the editing is completed, the numbers of the programmed tracks and the total required time are shown on the display.

Checking contents of edited program

Press the CHECK key.

- For each time you press the CHECK key you can confirm the track numbers in the order edited from the first one in file A to the last one in file B.

Playing

Press the PLAY/PAUSE key .

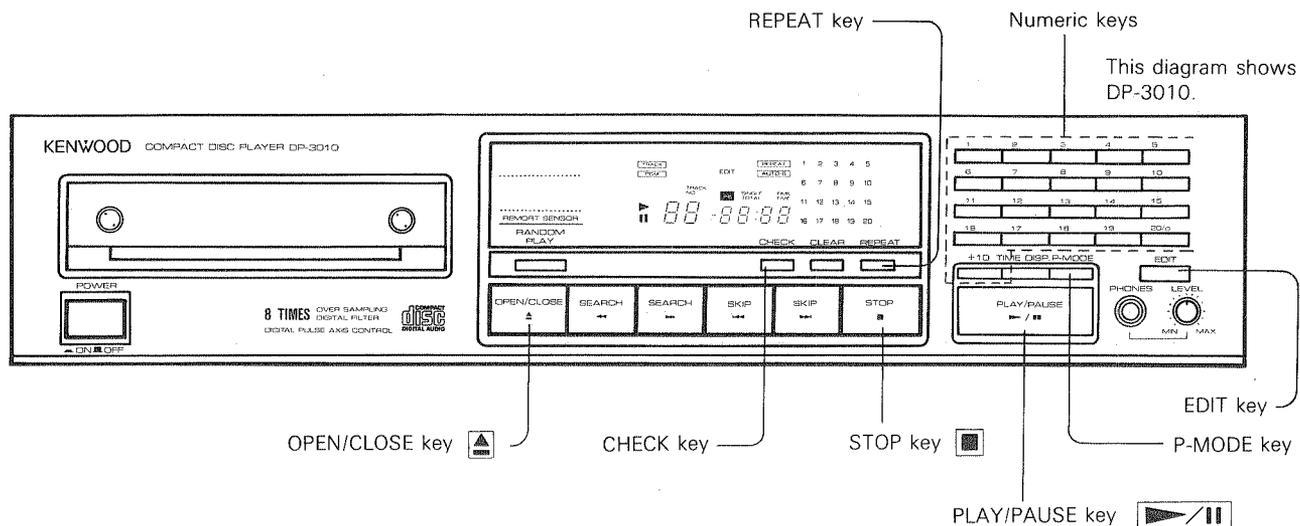
- The play starts in order from the first track in file A and then pauses at the beginning of file B.
- To listen to file B, press the PLAY/PAUSE key  again.

Erasing an edited program

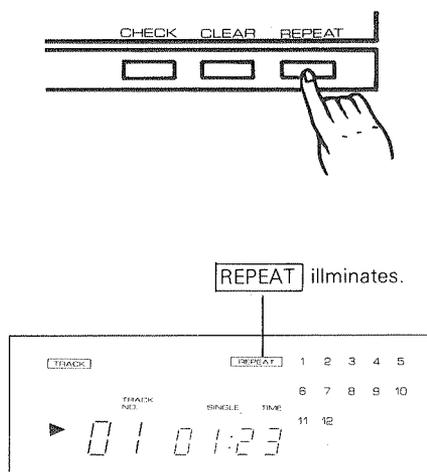
The edited contents are canceled if you perform any of the following operations.

- ① Pressing the numeric keys.
- ② Pressing the CLEAR key.
- ③ Pressing the P-MODE key and switching into the TRACK mode.
- ④ Pressing the OPEN/CLOSE key .

Repeated play



When pressing REPEAT key



■ To repeat all the tracks

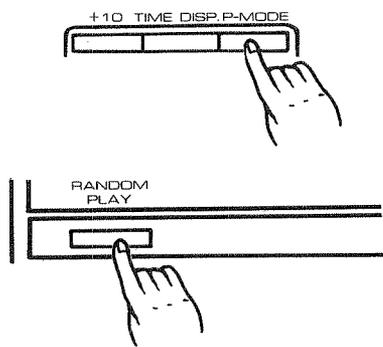
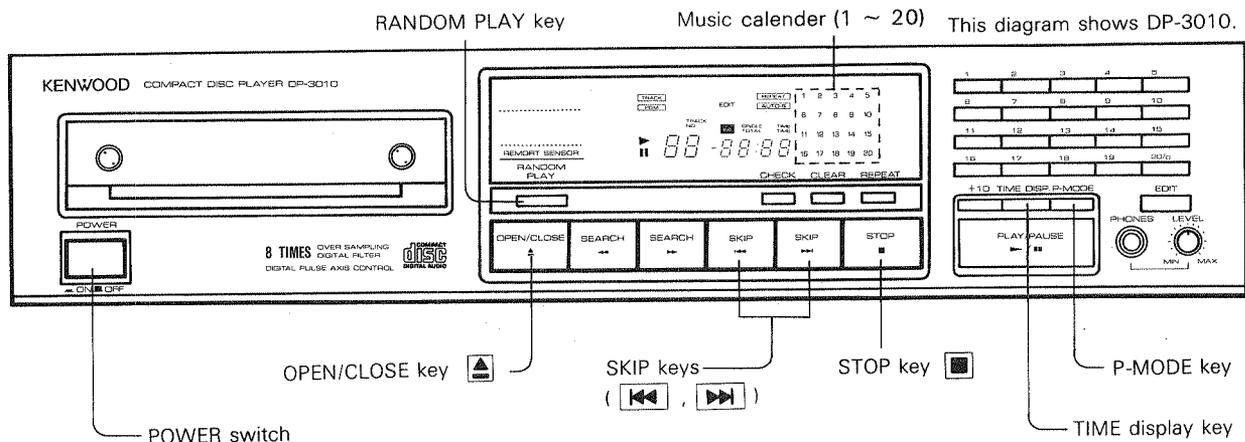
1. Press the REPEAT key.
2. Press the PLAY/PAUSE key .
 - When in the track mode, all the tracks on the disc are played repeatedly.
 - when in the program mode, all the tracks programmed are played repeatedly.
3. Press the REPEAT key again to cancel the repeated play.
 - Repeated playing can also be canceled by pressing the OPEN/CLOSE key .

■ To repeat play of a single track

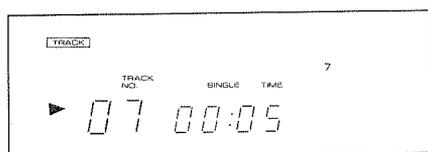
1. Press the P-MODE key to put in the program mode.
2. Select the number of the single track you want to hear.
3. Press the REPEAT key.
4. Press the PLAY/PAUSE key .
5. Press the REPEAT key again to cancel the repeated play.

Random play

This function allows for random selection of the tracks each time and continuous playing in any order. It is particularly useful for playing so that people will not get tired of the same sequence of music when hearing it for a long time.



Example of when 7th track is selected



■ Random play

1. Press the P-MODE key to switch to the track mode.

- TRACK lights up.

2. Press the RANDOM PLAY key.

- The music calendar blinks. When tracks are randomly selected, these track numbers only light up and the play starts.
- Press the SKIP key (▶▶) to select another track.
- When you press the SKIP key (◀◀) once during play, it starts from the beginning of the same track once more.
- When the play of one track is completed, another track is again selected automatically and the play of that track starts.
- If you press RANDOM PLAY key when repeated play is set (when REPEAT is lit up), random play takes priority and REPEAT is canceled.
- If you press numeric key or P-MODE key during random play, random play stops and it returns to manual play.

■ Canceling random play

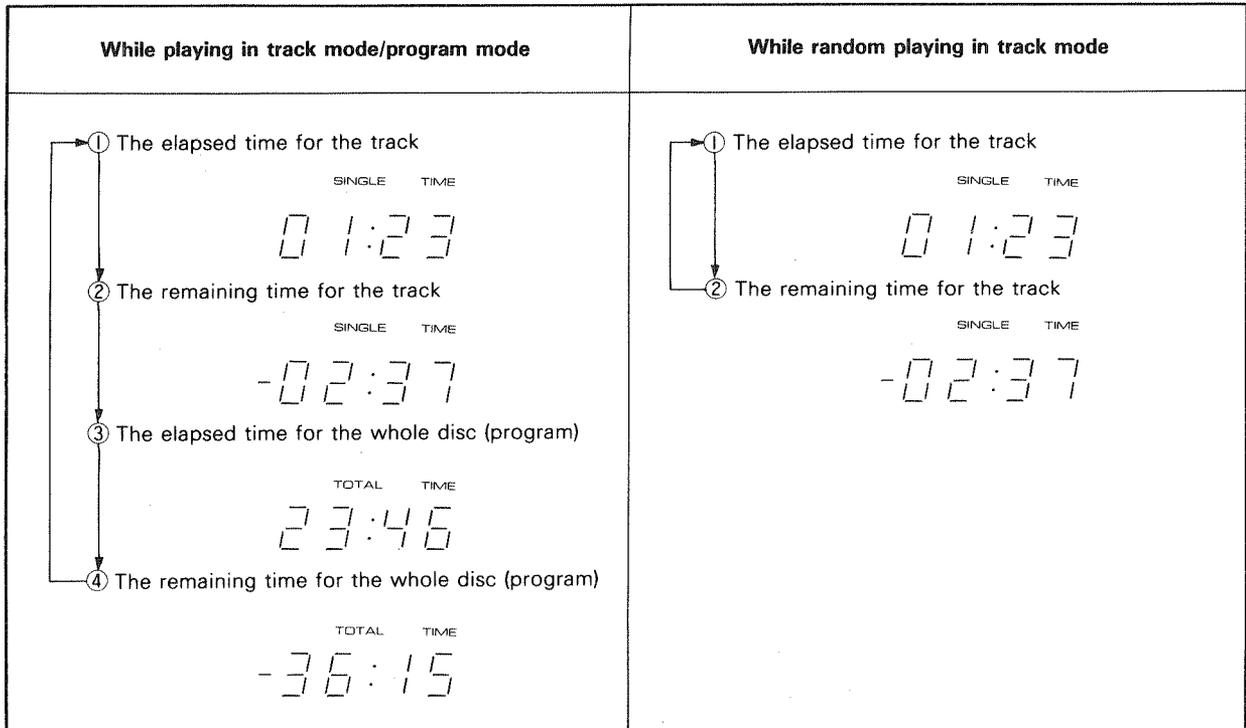
Press the RANDOM PLAY key again.

- Random play is canceled and it returns to manual play.
- Pressing the STOP key (■) or OPEN/CLOSE key (▲) also cancels the random play and play stops.

Time display switching and timer playing

■ Changing time display

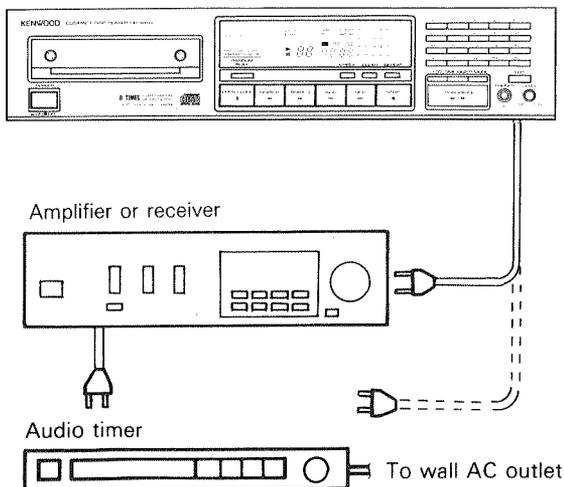
Each time you press the TIME display key during play or stop in any play mode, the time display changes in the order as below.



Note:

This player stores time information for up to 43 tracks stored in the disc. When discs having 44 or more tracks recorded on them are played, or when the total time of the program reaches 100 minutes or more, the time may not be displayed. In such a case the display may show --:--.

This figure shows DP-3010.



■ Timer playing

Plug the CD player's AC power plug into the audio timer. Load a disc. Leave the CD player's power switch turned on and set the audio timer to the desired time.

- Play will begin from the first track on the disc. (The track mode is selected automatically when the power turns on.)

Notes:

1. Refer to the instruction manual for the timer.
2. Be careful of your amplifier volume setting when using an audio timer.
3. When operating the unit other than the CD player using an audio timer, be sure to remove the disc from the CD player.

