

KENWOOD

CD PLAYER

DP-3020

DP-2020

INSTRUCTION MANUAL

KENWOOD CORPORATION

Notes:

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



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.

For the USA

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

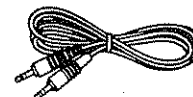
DANGER

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

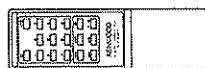
Location: Inside, near the Laser mechanism.

Accessories

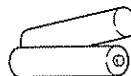
- Audio cord.....1
- System control cord..1
(Except for the U.K. and Europe)



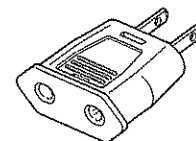
- Remote control unit..1
(DP-3020 only)



- Battery2
("AA" or "R6")



For the unit with a European AC plug in areas other than Europe.
(Except for some areas)



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Caution: Read the pages marked  carefully to ensure safe operation.

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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.

Safety precaution for a Polarized AC plug

However, some products may be supplied with a non-polarized plug.

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

For the United Kingdom

Important!

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

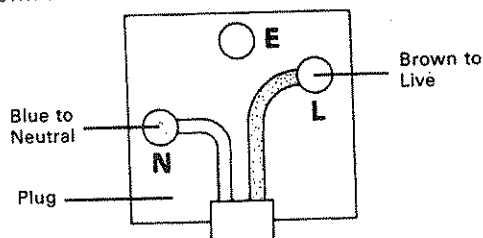
The mains plug must be removed from the wall socket prior to any internal examination.

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 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 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

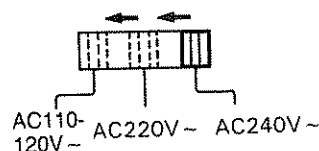
This unit operates on 110-120 or 220-240 volts AC. The AC voltage selector switch Type A or Type B on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sure that the setting position of this switch matches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

Note:

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

AC voltage selector switch

Type A



Type B



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

Safety precautions

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



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



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



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.

IMPORTANT SAFEGUARDS

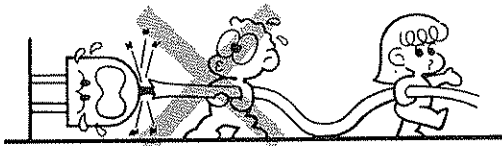
⚠ Caution : Read this page carefully to ensure safe operation.

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.

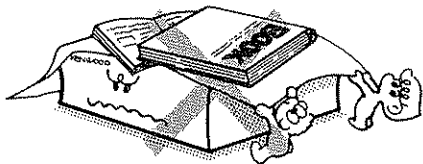


3. Grounding or polarization — The precautions should be taken so that the grounding or polarization means of this unit is not defeated.

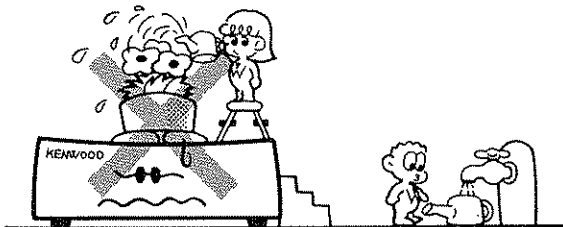
4. Ventilation — The unit should be situated so that its location or position does not interfere with its proper ventilation.

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.

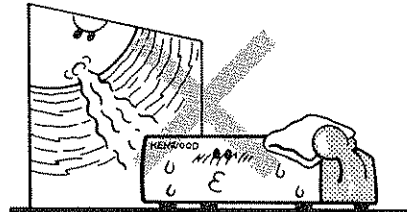


5. Water and moisture — The unit should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

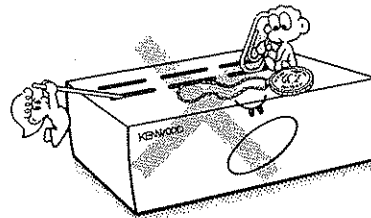


6. Temperature — The unit may not function properly if used at extremely low, or freezing temperatures. The ideal ambient temperature is above +5°C (41°F).

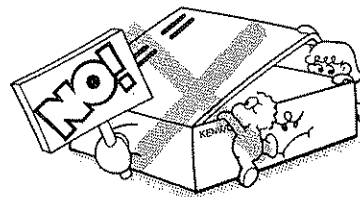
7. Heat — The unit should be situated away from heat sources such as radiators, heat registers, stoves, or other units (including amplifiers) that produce heat.



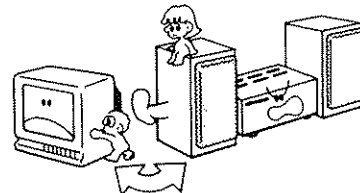
8. Electric shock — Care should be taken so that objects do not fall and liquid is not spilled into the enclosure through openings. If a metal object, such as a hair pin or a needle, comes into contact with the inside of this unit, a dangerous electric shock may result. For families with children, never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



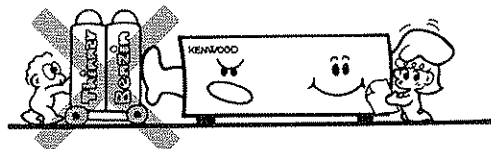
9. Enclosure removal — Never remove the enclosure. If the internal parts are touched accidentally, a serious electric shock might occur.



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



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



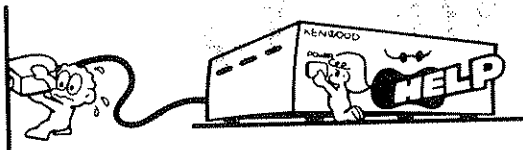
12. Carts and stands — An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



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

14. 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!



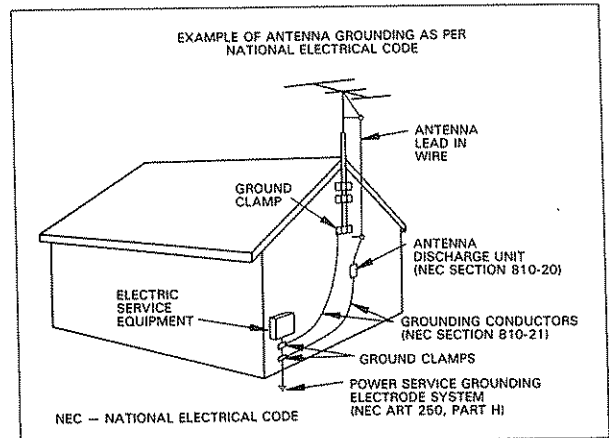
15. Damage requiring service — The unit should be serviced by qualified service personnel when:

- 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.

16. 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.

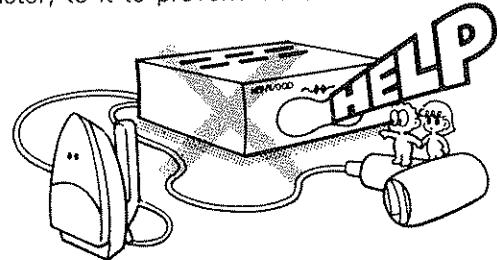
17. Outdoor antenna grounding — If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electrical Code, ANSI/ NFPA No. 70—1984, provides information with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

ductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure.



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

19. 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.



The maximum capacities indicated for the AC outlets on the rear panel of this unit are as follows.

- 1. SWITCHED outlets ; 100 W
- 2. UNSWITCHED outlet ; 100 W

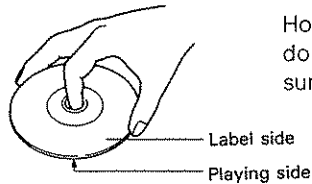
Notes:

- 1. Item 3 is not required except for grounded or polarized equipment.
- 2. Item 17 and 18 are not required except for units provided with antenna terminals.
- 3. Item 17 complies with UL in the U.S.A.

Before operation

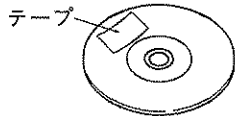
Precautions concerning CD play

■ Disc handling precautions

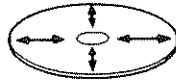


Handling

Hold compact discs so that you do not touch the playing surface.

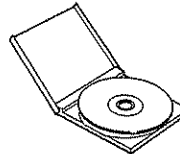


Do not attach paper or tape to either the playing side or the label side of compact discs.



Cleaning

If fingerprints or foreign matter become attached to the disc, lightly wipe the disc with a soft cotton cloth (or similar) from the center of the disc outwards in a radical manner. Never use chemical solvents, such as thinner, benzine, etc. and conventional record cleaners or aerosols.



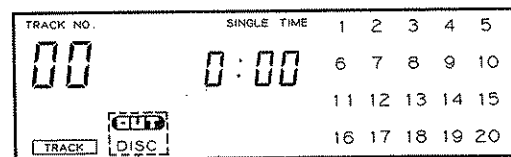
Storage

When a disc is not to be played for a long period of time, remove it from the CD player and store it in its case.

■ Note related to transportation and movement

Carry out the operations listed below before transporting or moving this unit.

1. After making sure that there is no compact disc loaded in the unit, turn the POWER switch ON.
2. Wait for several seconds to verify that the DISC OUT indicator (OUT) lights on the display, and then turn the POWER switch back OFF.



Disc out indicator



■ Beware of condensation

When water vapor comes into contact with the surface of cold material, water drops are produced.

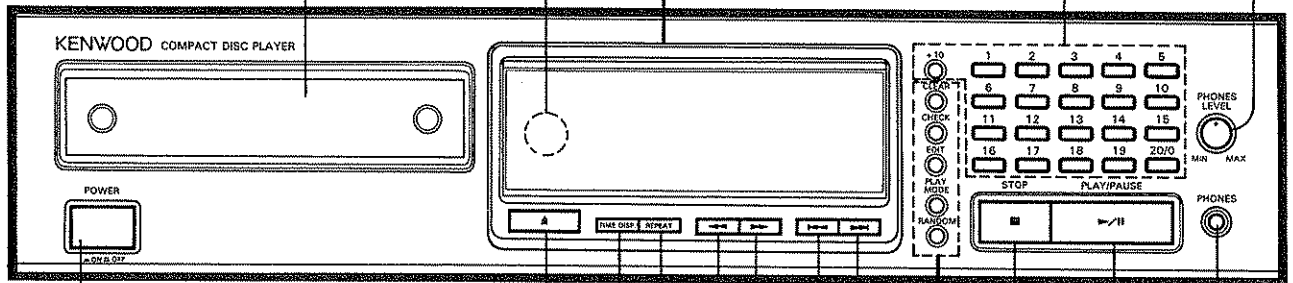
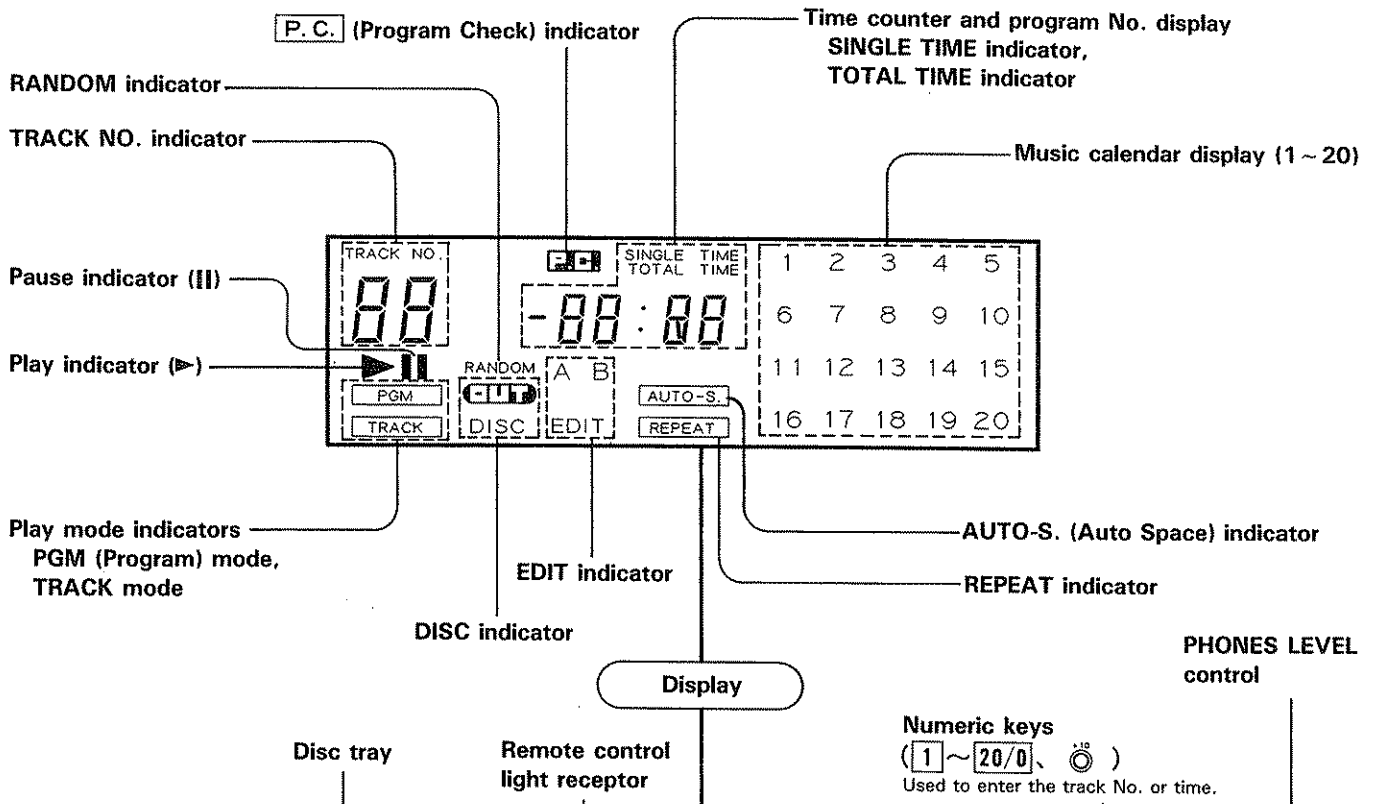
If condensation occurs, correct operation may not be possible, or the unit may not function correctly.

This is not a malfunction, however, and the unit should be dried. (To do this, turn the POWER switch ON and leave the unit as it is for several hours.)

Be especially careful in the following conditions:

- When the unit is brought from a cold place to a warm place, and there is a large temperature difference.
- When a heater starts operating.
- When the unit is brought from an air-conditioned place to a place of high temperature with high humidity.
- When there is a large difference between the internal temperature of the unit and the ambient temperature, or in conditions where condensation occurs easily.

Controls and indicators



Open/close key
Opens/closes the disc tray.

TIME DISP (Time Display) key
Switches the time display.

REPEAT key
Initiates repeated play.

Search keys
Initiates fast forward or fast reverse search.

Skip keys
Skip the played position to the previous or next track.

POWER switch

PHONES jack

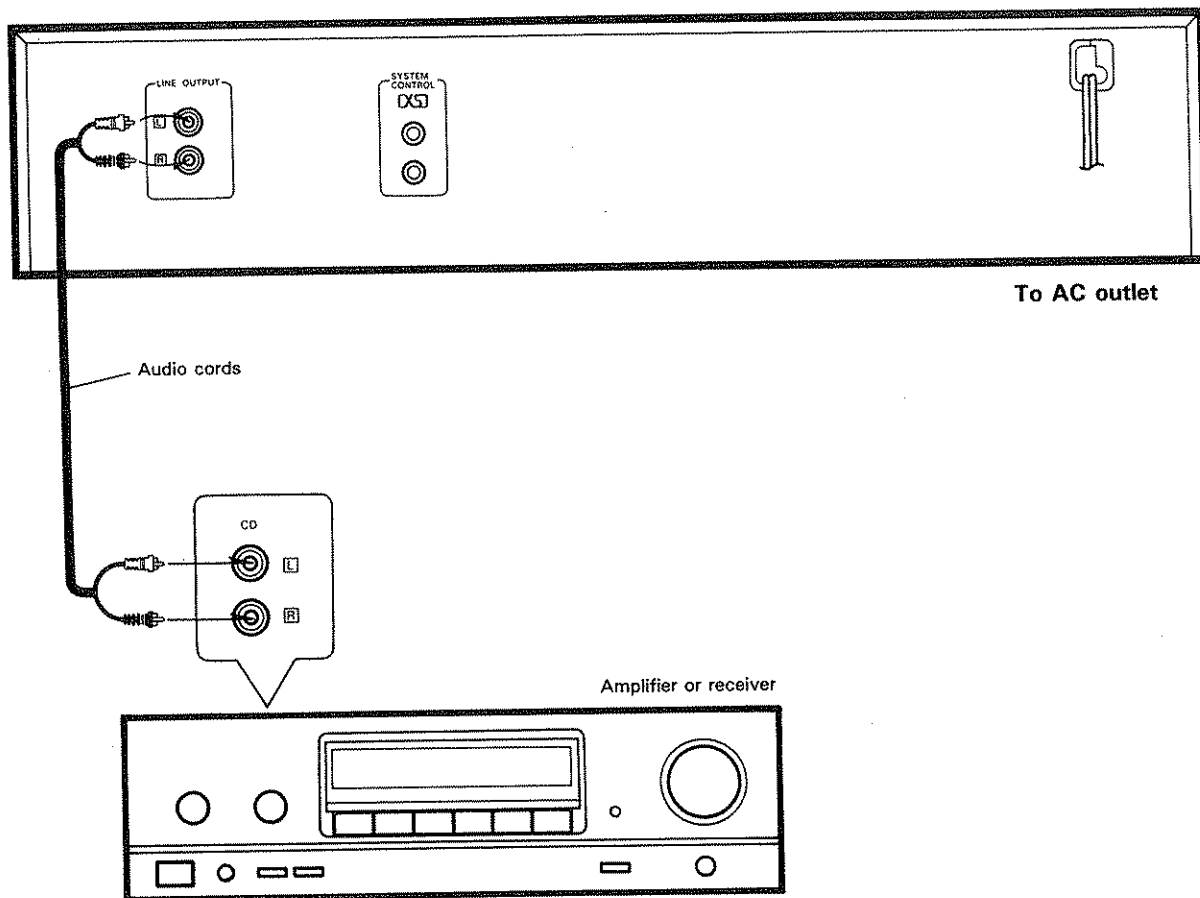
PLAY/PAUSE key
Sets the CD player in the Play mode and Pause mode alternately.

STOP key

- CLEAR**
CLEAR key
Clears the program.
- CHECK**
CHECK key
Checks the program contents.
- EDIT**
EDIT key
Edits tracks to accommodate them in the specified period of time.
- PLAY MODE**
PLAY MODE key
Switches the play mode between program mode and track mode.
- RANDOM**
RANDOM Play key
Plays tracks in a random order which differs every time.

System connections

Make connection as shown in the diagram below. When connecting the related system components, refer also to the instruction manuals of the related components.
Do not plug in the power lead until all connections are complete.



■ Connection to a general-use amplifier

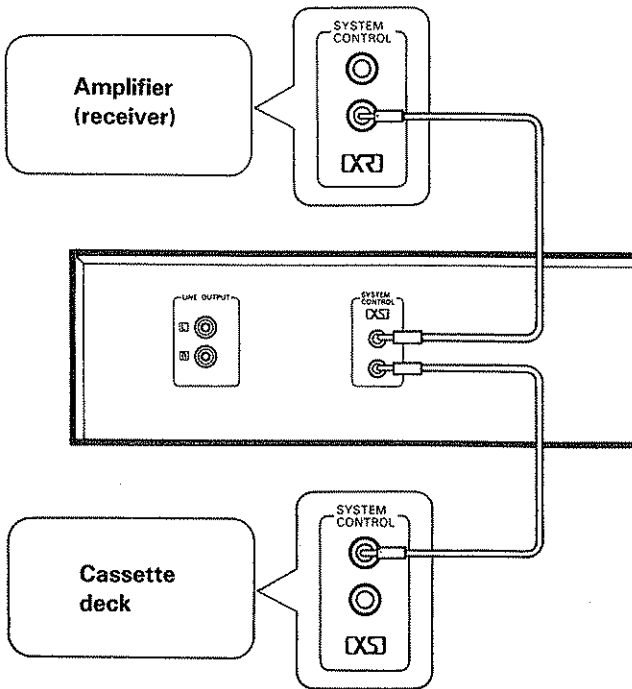
Use the provided audio cords to connect the LINE OUTPUT jacks of this unit to the CD input jacks (or AUX jacks) of the amplifier.

Notes:

1. Be sure to connect the connection cord(s) securely. If connections are not made securely, sound may not be produced and/or noise may be generated. Improper connections can also cause player misoperation.

2. Before plugging/unplugging connection cords, be sure to switch the power off and set the amplifier's volume control to its minimum position. If connection cords are plugged or unplugged without carrying out the above precautions, malfunction or damage may result.

System control connections

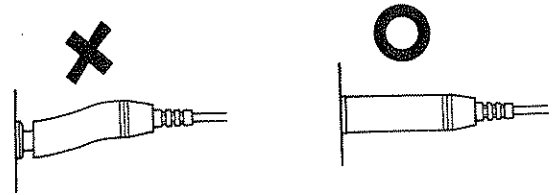


System control connection (Except for some areas.)

When connected to an amplifier or receiver having KENWOOD SYSTEM CONTROL terminals, system operation such as remote control is made possible. For details, refer to the instruction manual of the amplifier or receiver.

If your amplifier or receiver is not equipped with the SYSTEM CONTROL Terminals, do not connect anything to any SYSTEM CONTROL Terminal.

Do not connect the unit in any system configuration other than specified.



- Be sure to insert the System Control cord plugs fully into the SYSTEM CONTROL Terminals.
- If the system control cord and audio cords are not connected properly, the automatic system governing remote control and system functions will not operate.

■ CCRS

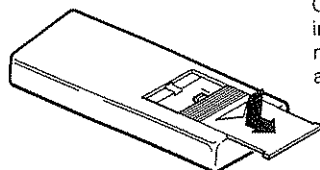
By connecting the SYSTEM CONTROL jack of this unit with the "XS" SYSTEM CONTROL jack of a KENWOOD cassette deck, CCRS recording can be carried out.

The CCRS function is used when recording from a compact disc to a tape in a cassette deck, and operates to adjust the cassette deck's recording level to the optimum setting according to the playing level of the compact disc. For details on the CCRS function, refer to the instruction manual provided with your cassette deck.

Remote control operation RC-P3020 (DP-3020 only)

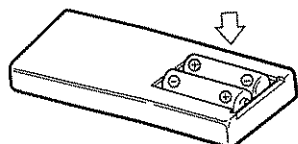
■ Loading batteries

1 Remove the back cover.



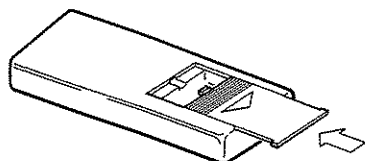
Open by pushing the position marked with the arrow.

2 Insert batteries.



Insert two R6 or "AA"-size (SUM-3) batteries according to the polarity indication.

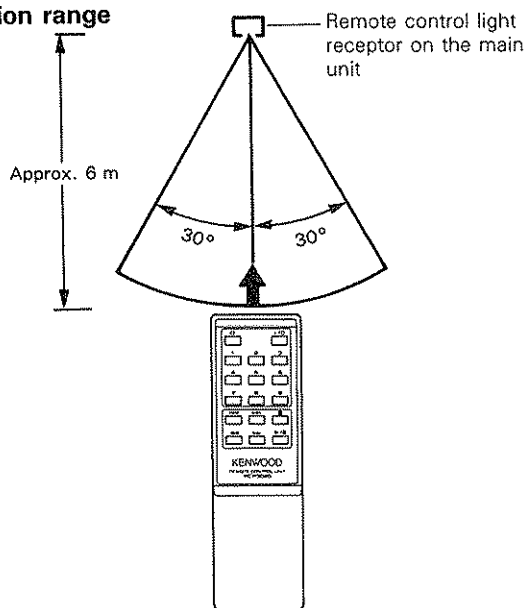
3 Close the back cover.



The supplied batteries are intended for use in checking the operations. Therefore, their service life may be shorter than usual. When replacing, be sure to replace both batteries with new ones.

■ How to operate

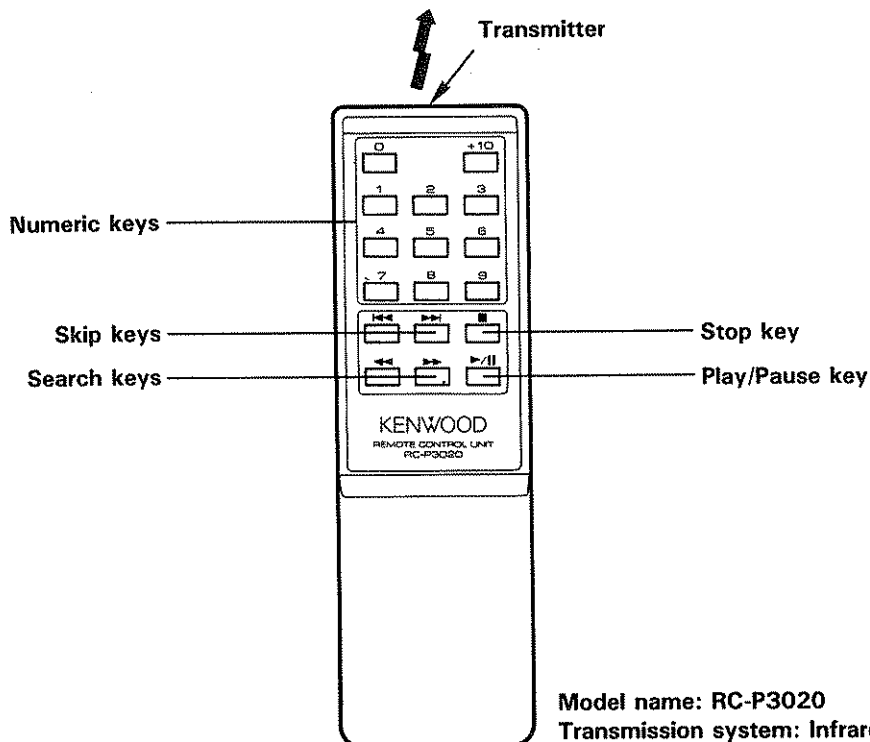
Operation range



- When pressing the remote control operation keys, press them securely, leaving an interval of more than 1 second between them.
- Malfunction may occur in case direct sunlight or the light of a high-frequency lighting fluorescent lamp enters the remote control light receptor. In such a case, change the installation position of the unit so that the malfunction does not occur.

■ Names of keys

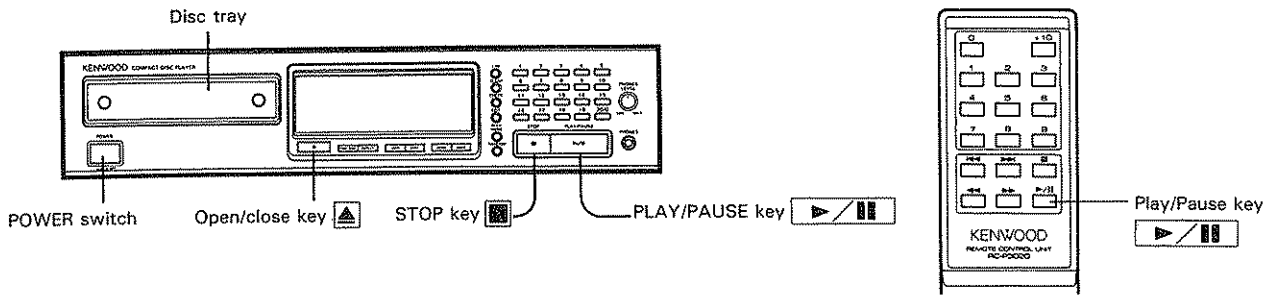
Most keys have the same functions as the front panel controls.



Model name: RC-P3020

Transmission system: Infrared pulse system

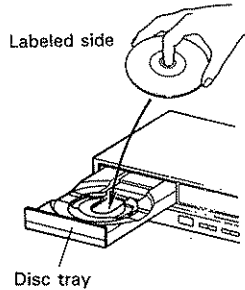
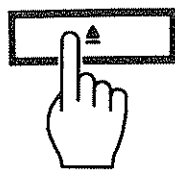
Playing Compact Disc



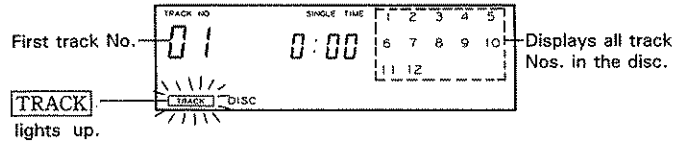
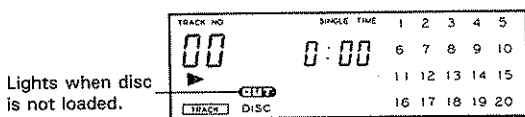
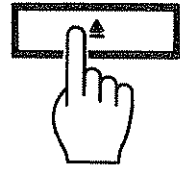
■ To play CD from the beginning (Track mode)

1 Press the POWER switch to ON.

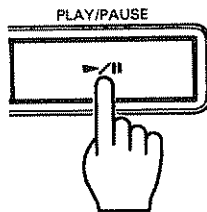
2 Load a disc.



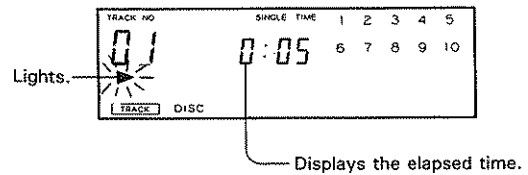
- Be careful not to touch the played side when holding the disc.
- Place only one disc at a time.
- Remove the adapter when playing a 8 cm CD.



3 Start the play.

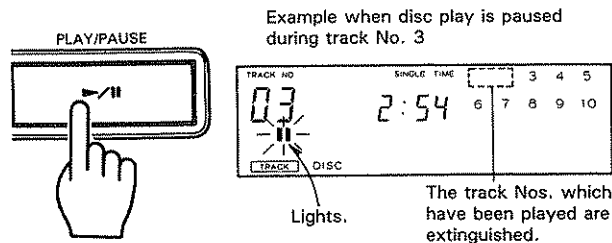


In a few seconds, the disc is played from track No. 1.

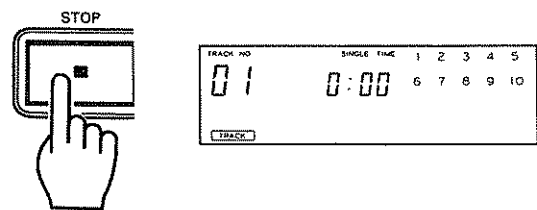


■ To pause the CD play

■ To stop the CD play



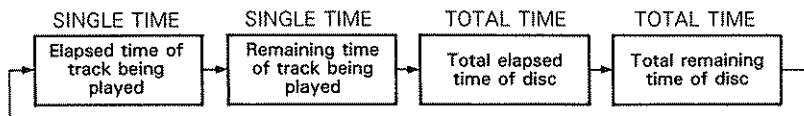
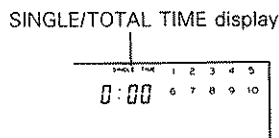
- Press the key again to resume the play.



- This key is also used to stop other functions.

TIME key

Press the time key to display the elapsed time or remaining time of the track being played. Every time the TIME key is pressed, the display contents are switched as shown below. However, the time display may not be displayed in case the disc being played contains 44 or more tracks or the total playing time of the tracks programmed in the program mode is 100 minutes or more. In such a case, the display shows "--:--".

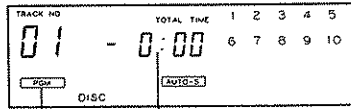


- Only the remaining time of the track being played is displayed during random play.

■ To play only the desired tracks in the desired order (Program mode)

1 Enter the Program mode.

PLAY
MODE



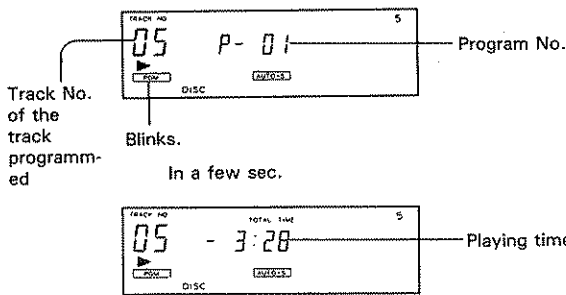
PGM lights up.

SINGLE TIME → TOTAL TIME

2 Program desired tracks in the desired order.

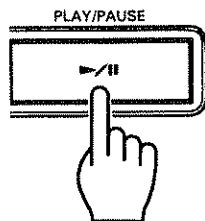
Example: To program track No. 2, 5 and 25, press numeric keys **2**, **5**, **+10**, **+10** and **5** in this order.

Example when track No. 5 is programmed



- Up to 20 tracks can be programmed.
- In case of mistake, press the CLEAR key and program the desired track again.
- The playing time is not displayed if track No. 44 or more is programmed.
- The **20/0** key is used when programming track No. 20 or for entering figure "0" when programming track No. 30, 40, etc.
To program track No. 23, press the **+10** key twice, then press the **3** key.
To program track No. 40, press the **+10** key four times, then press the **20/0** key.

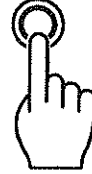
3 Start the play.



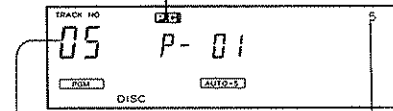
- The tracks are played in the order they were programmed (P-No.).
- When one of the skip keys is pressed during play, the track is skipped in the same direction as the skip key pressed.

To check the order of tracks in program:

CHECK



P.C. lights up.



Every time the key is pressed, the order of each track in the program (P-No.) and its track No. are displayed. The displayed content returns to the previous content in a few seconds.

To resume normal play:

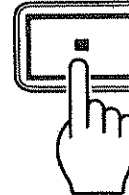
PLAY
MODE



- Enter the track mode.
- CD play in the order of tracks starts from the track being played.

To stop program play:

STOP

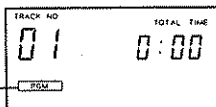


Auto-Space function

In the program mode, no-sound blanks of approx. 4 seconds are provided automatically between the programmed tracks. These blanks are for use by the DPSS function of the cassette deck. However, note that these blanks are also created between tracks of classic music or live music discs which are actually recorded in continuous sound.

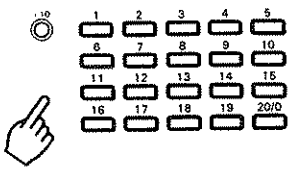
■ To add a track in the program

1 Check that the CD player is in the program mode.



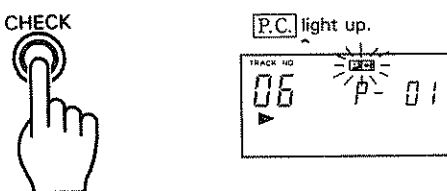
PGM lights up.

2 Press the keys for the track No. to be added.



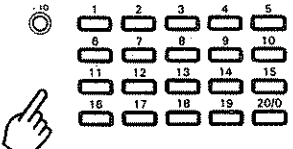
■ To replace a track in the program with another

1 Press the CHECK key.



Press until the P-No. containing the track to be replaced is displayed.


2 Press the keys for the track No. to replace the current one.



Press while P.C. is lighted. The track being played cannot be replaced.

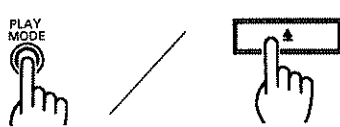
■ To clear tracks from the program

Clear tracks in order from the end of program.



Every time the key is pressed, the track at the end of the current program is cleared.

To clear the whole of program:



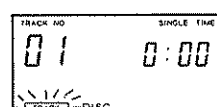
Press either of these keys.

■ To play from a desired track

This can be done by: ① direct track selection (track mode only); ② skip selection; or ③ search selection.

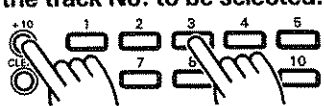
① Direct selection—Playing disc from a selected track

1 Check that the TRACK indicator is lighted.



If PGM is lighted, press the P.MODE key.

2 Press the keys for the track No. to be selected.

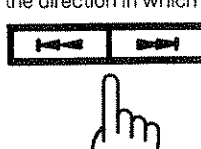


Example when entering track No. 21 or more:
To enter track No. 23, press the +10 key twice, then press the 3 key.
To enter track No. 40, press the +10 key four times, then press the 20/0 key.

- The selected track No. will be displayed on the TRACK NO. indicator, and its play will start.

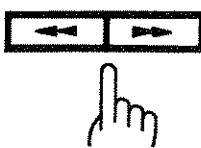
② Skip—Playing disc from the beginning of a desired track

Press the skip key of the direction in which tracks are to be skipped.



③ Search—Playing disc from any position where the key is released

Press the search key of the direction in which disc is to be fast forwarded or reversed.



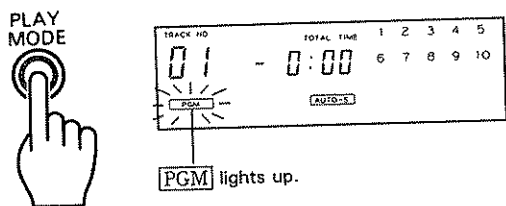
The search speed increases as the key is held depressed.

■ Repeated play

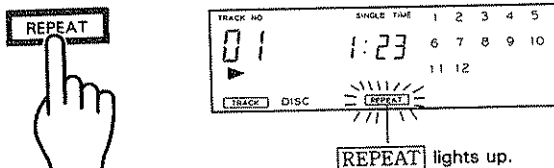
Repeated play can be done by selecting: ① desired one track; ② all programmed tracks; or ③ all tracks on disc.

① One-track repeat

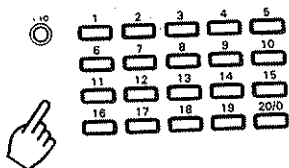
1 Enter the program mode.



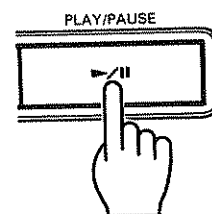
3 Press the REPEAT key.



2 Press the keys for the desired track No.

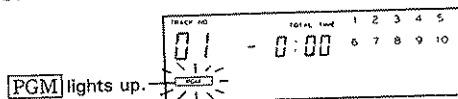


4 Start the play.



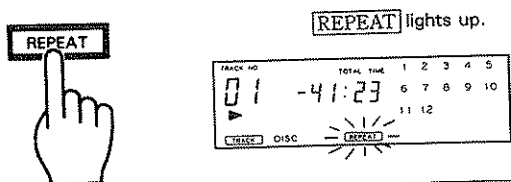
② Program repeat

1 In the program mode, program the desired tracks.

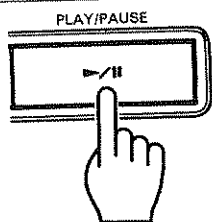


For the programming method, refer to page 12.

2 Press the REPEAT key.

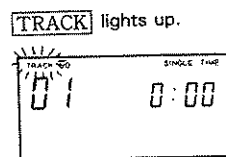


3 Start the play.

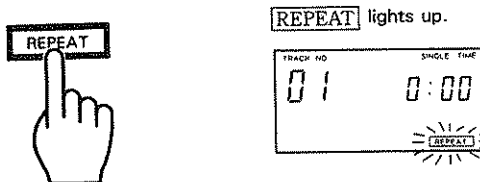


③ All-track repeat

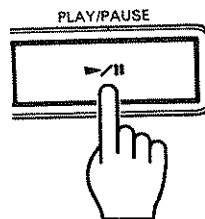
1 Enter the track mode.



2 Press the REPEAT key.



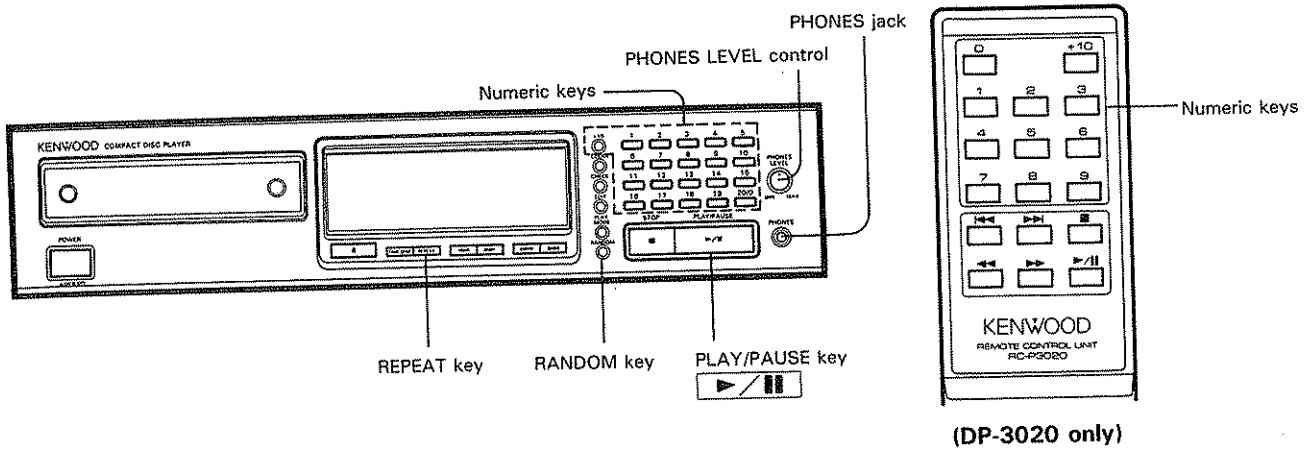
3 Start the play.



To return to normal play:



REPEAT is extinguished.

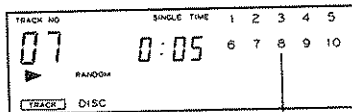


■ Random play

RANDOM

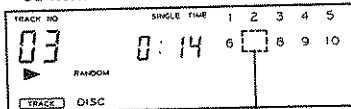


Example when track No. 7 is selected first



Track Nos. on the disc are displayed.

Example when track No. 3 is selected next

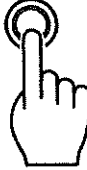


Track Nos. which have been played are extinguished in order.

- In the track mode, tracks from No. 1 to No. 20 are selected and played in a random order.
- In the program mode, tracks in the program are selected and played in a random order.
- When the skip key is pressed, another track will be selected.
- When the skip key is pressed once, the track being played will be played again from the beginning.
- Every time a track is completed, another track is selected at random and played.
- When all tracks have been played, the play stops.
- When the REPEAT key is pressed, the random play is repeated without stopping.

■ To cancel random play

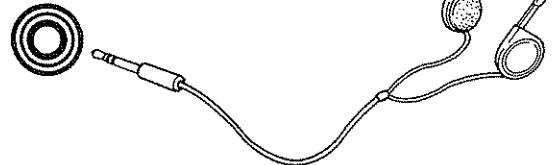
RANDOM



- Random play can also be canceled by pressing the STOP key or Open/Close key

■ To use headphones

- 1 Insert the headphone plug.
PHONES



- 2 Adjust the listening volume.



■ Timer play

Connect the power supply to this unit via an audio timer, load a disc, set the timer to the desired time, and set the POWER switch of this unit to ON.

- When the set time comes, the power is turned on and disc starts to be played automatically.
- Set the amplifier so that the amplifier is turned on at the same time.

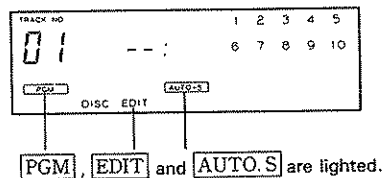
■ CD Edit recording

This functions allows to edit tracks on a disc to accommodate them within the recording time of specific tape so that they can be recorded efficiently without waste.

1 Load a disc in the CD player.

2 Start editing.

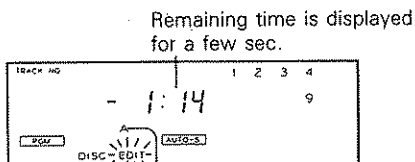
1. Press the EDIT key of the CD player.



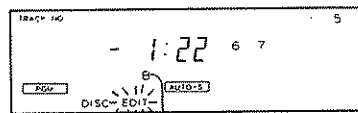
2. While the EDIT indicator is lighted, enter the recording time of the tape to be used for recording with the numeric keys.

- With a C-60 tape, press the [+10] key six times then press the [20/0] key once.
- With a C-46 tape, press the [+10] key four times then press the [6] key once.

During editing



File A (for tape side A)
Blinks.

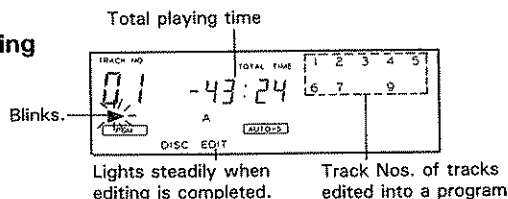


File B (for tape side B)

Editing is executed as follows.

- ① The set recording time is divided by two, and tracks which can be accommodated in file A (for tape side A) are edited and programmed in order of their track Nos.
 - If the RANDOM PLAY key is pressed before setting the recording time with the numeric keys, the track Nos. are edited in a random order.
- ② Next, the tracks for file B (for tape side B) are also edited in the same manner.

End of editing



3 Prepare the cassette deck for recording.

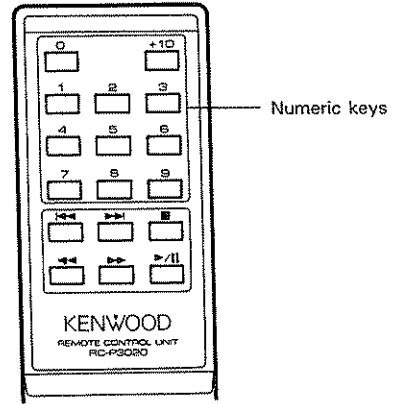
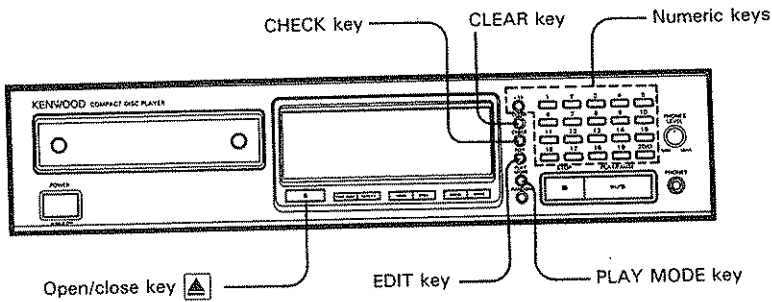
Please read the instruction manual provided with your cassette deck.

4 Start recording.....When using KENWOOD cassette deck with CCRS, perform as follows.

Press the CCRS key of the cassette deck.



- The CCRS function is initiated, and recording will start.
- When the recording is completed, both the cassette deck and CD player stop automatically.
- To stop recording in the middle, press the Stop key of the cassette deck.

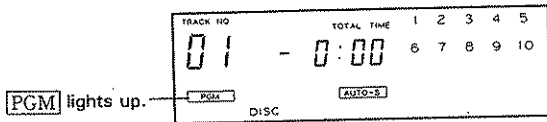


(DP-3020 only)

■ To edit and record tracks by giving priority to the desired tracks

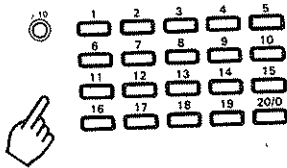
1 Load a disc in the CD player.

2 Check that the **PGM** indicator is lighted.



If **TRACK** is lighted, press the P.MODE key.

3 Press the keys for the desired track Nos.



4 Execute CD Edit recording.

Please go to step 2 of "CD Edit recording" on the previous page.

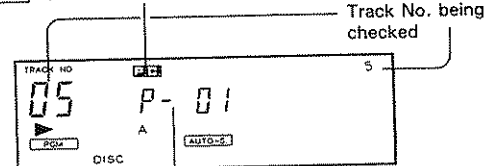
■ To check the edited contents

Press the **CHECK** key.



- Every time the key is pressed, the track Nos. are displayed in the order of P-Nos. they were edited.

P.C. lights up, and is extinguished in a few sec.



The P-No. being checked is displayed. The display returns to the total time display in a few sec.

■ To clear tracks from the edited program

This can be done by: ① clearing each track from the end of edited program; or ② clearing the whole of edited program.

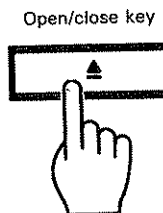
① To clear from the end



Every time the key is pressed, the current last track is cleared.






② To clear the whole

Press either of these keys.



In case of difficulty

What appears to be a malfunction may not always be serious. If your unit should not perform as expected, consult the table below to see if the problem can be corrected before seeking help from your dealer or service representative.

Symptom	Cause	Remedy
No power is supplied to the player when the POWER switch is ON.	<ul style="list-style-type: none"> • The power cord plug is not plugged in completely. • The power cord plug is connected to a switched outlet on the amplifier and the power to the amplifier is not turned on. 	<ul style="list-style-type: none"> • Insert the power cord plug firmly into the outlet. • Turn on the power to the amplifier.
A disc is loaded but cannot be played. The DISC OUT indicator  remains lit and nothing happens when the PLAY/PAUSE key  is pressed.	<ul style="list-style-type: none"> • The disc is loaded upside down. • The disc is very dirty. • The disc is scratched or damaged. • The optical lens is fogged with condensation. 	<ul style="list-style-type: none"> • Load the disc again, making sure that the label side is up. • Clean the disc according to the instructions in the "Disc handling precautions" section. • Replace the disc with a new one. • Leave the unit for about 1 hour with the power ON so that the condensation evaporates.
No sound is produced.	<ul style="list-style-type: none"> • No disc is loaded. • The unit is not in play mode. (The play indicator  is not lit.) • The disc is very dirty. • The disc is scratched or damaged. • The connection cords are not securely connected. 	<ul style="list-style-type: none"> • Load a disc and press the PLAY/PAUSE key . • Press the PLAY/PAUSE key . • Clean the disc according to the instructions in the "Disc handling precautions" section. • Replace the disc with a new one. • Securely connect the connection cords.
The sound skips or is interrupted.	<ul style="list-style-type: none"> • The disc is very dirty. • The disc is scratched or damaged. • The player is subjected to vibrations. 	<ul style="list-style-type: none"> • Clean the disc according to the instructions in the "Disc handling precautions" section. • Replace the disc with a new one. • Install the unit so that it is not subjected to vibrations by moving the player to a different location, etc.
Play begins as soon as the power is turned on.	<ul style="list-style-type: none"> • This unit is designed so that play begins automatically when the power is turned on if a disc is already loaded. 	<ul style="list-style-type: none"> • If automatic play is not required, remove the disc from the player before turning the power OFF.

Notes:

1. Since this unit incorporates a microprocessor, external noise or interference may cause the unit to operate abnormally. If this should ever occur, press the POWER switch OFF and then press it ON again after a period of several seconds.
2. Do not use contact cleaner because it could cause a malfunction. Be specially careful against contact cleaners containing oil, for they may deform the plastic components.

Specifications

[Format]	
Type.....	Compact disc player
Read system.....	Non-contact optical pick-up
Rotational speed.....	About 200 to 500 rpm

[Audio]	
Frequency response.....	4 Hz~20 kHz \pm 1.0 dB
Signal-to-noise ratio.....	More than 90 dB
Total harmonic distortion.....	0.01% at 1 kHz
Channel separation.....	More than 85 dB at 1 kHz
Wow & flutter.....	Below measurable limit
Output	
LINE.....	1.2 V
Headphone jack.....	20 mW (16 Ω)

[General]	
Power consumption.....	12 W
Dimensions.....	W: 440 mm (17-3/8") H: 108 mm (4-1/4") D: 262 mm (10-5/16")
Weight.....	3.8 kg (8.4 lb)

Note: KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

For the U.S.A.

FCC WARNING:

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

NOTE:

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 may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For CANADA

DOC REGULATION

"This digital apparatus does not exceed the CLASS B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian department of communications."

KENWOOD

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