

DPC-41

PORTABLE COMPACT DISC PLAYER
INSTRUCTION MANUAL
(PAGE6-15)

LECTEUR CD PORTABLE
MODE D'EMPLOI
(PAGE16-25)

REPRODUCTOR DE DISCOS COMPACTOS PORTATIL
MANUAL DE INSTRUCCIONES
(PAGINA26-35)

KENWOOD CORPORATION

Keep this manual handy for future reference.

For your records

Record the serial number, found on the bottom 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 DPC-41 Serial number _____

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91/12 11 10 9 8 7 6 5 4 3 2 1 90/12 11 10 9 8 7 6

KENWOOD

Precautions for use

To maintain the high performance and reliability of this unit, avoid using or storing it in the following conditions.

Précautions à l'emploi

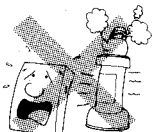
Pour préserver les hautes performances et la fiabilité de cet appareil, évitez de l'utiliser ou de l'entreposer dans les endroits suivants:

Precauciones al usaria

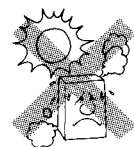
Para conservar el alto rendimiento y la confiabilidad de esta unidad, evite usarla o guardarla en las condiciones siguientes.



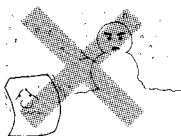
- Dusty places.
- In high humidity areas such as the bathroom.
- Emplacements poussiéreux.
- Dans une pièce très humide, telle qu'une salle de bain.
- Sitios polvorosos.
- EN sitios de mucha humedad, tal como el baño.



- Near heat sources such as stoves, etc.
- Près de sources de chaleur comme un radiateur, etc.
- Cerca de fuentes de calor como por ejemplo estufas, etc.



- Places exposed to direct sunlight, especially in a closed car.
- Endroits exposés directement au soleil, en particulier dans une voiture fermée.
- Lugares expuestos a los rayos directos del sol, especialmente en el interior de automóviles cerrados.



- Extremely cold places.
- Endroits extrêmement froids.
- Lugares extremadamente fríos.

Fig. 2

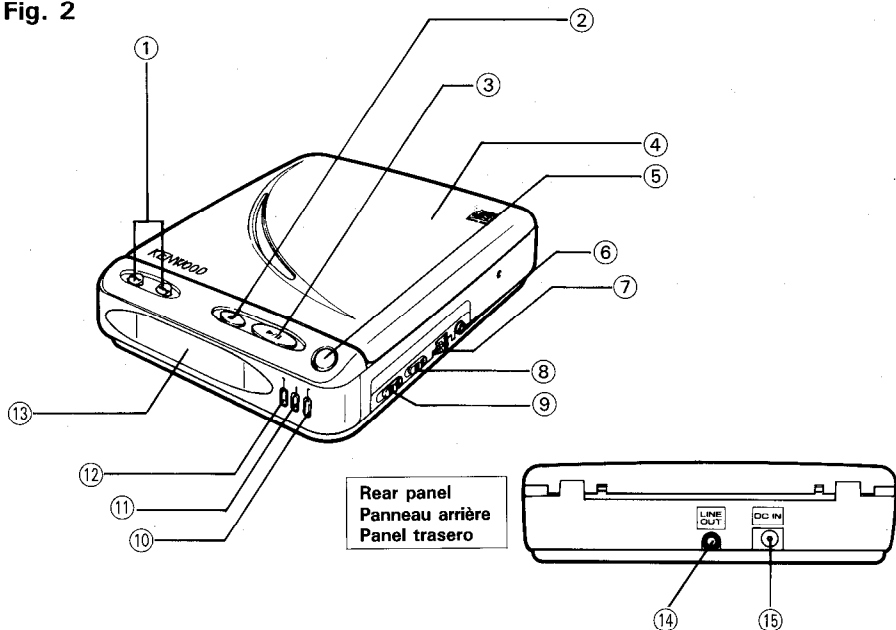


Fig. 3

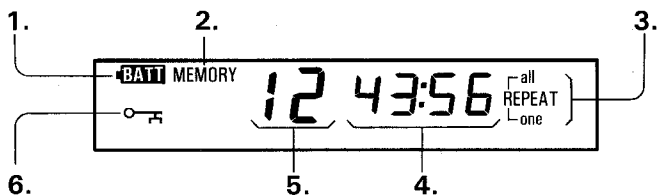


Fig. 4

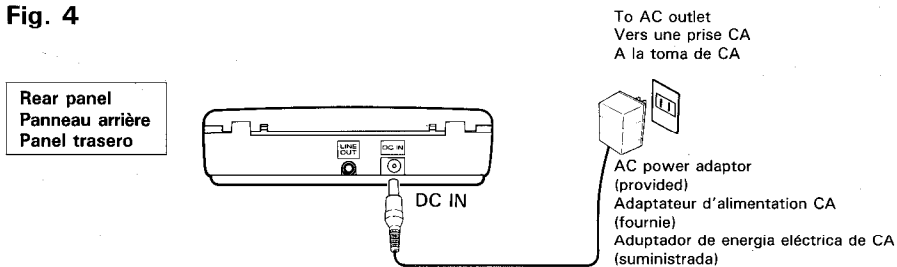


Fig. 5

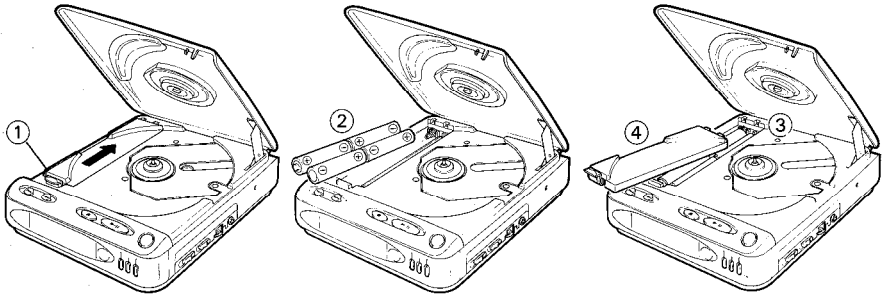
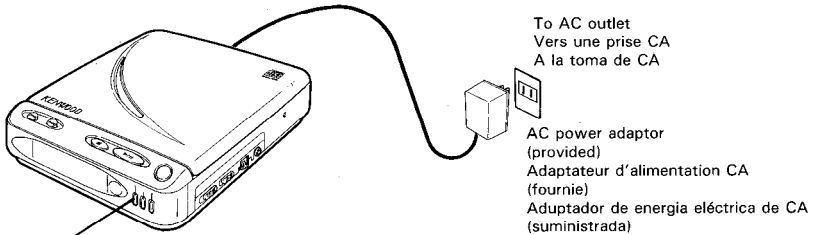


Fig. 6



CHARGE button
Touche de charge (CHARGE)
Botón de carga (CHARGE)

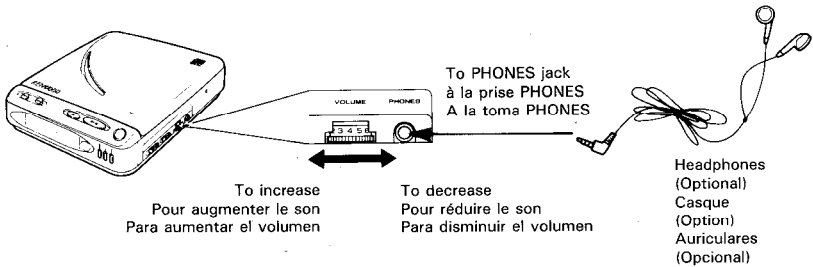
To AC outlet
Vers une prise CA
A la toma de CA

AC power adaptor
(provided)
Adaptateur d'alimentation CA
(fournie)
Adaptador de energia eléctrica de CA
(suministrada)

It blinks at relatively long interval.
Il clignote à un intervalle relativement long.
Parpadea a intervalos relativamente largos.



Fig. 7



To increase
Pour augmenter le son
Para aumentar el volumen

To decrease
Pour réduire le son
Para disminuir el volumen

Headphones
(Optional)
Casque
(Option)
Auriculares
(Opcional)

Fig. 8

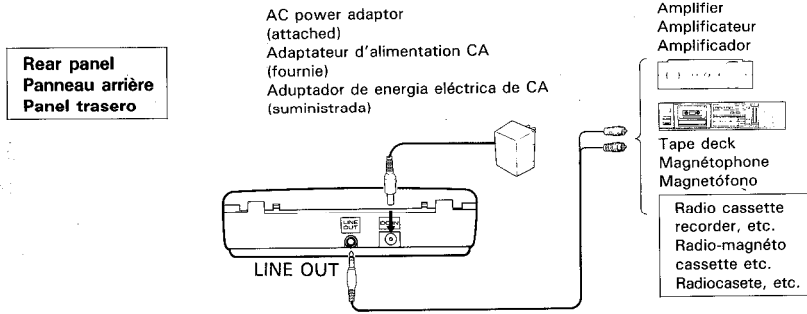


Fig. 9

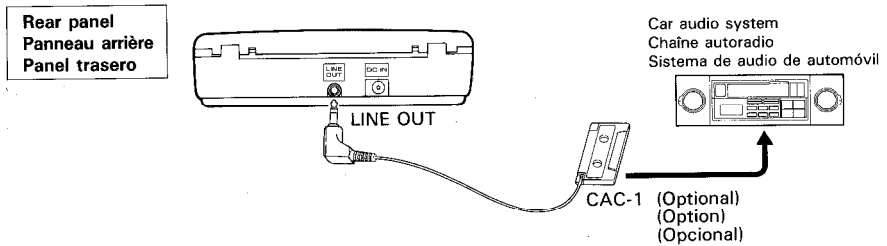
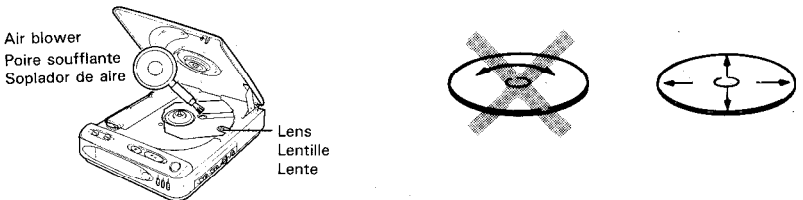


Fig. 10



Unpacking

Unpack the unit carefully and make sure that all accessories and cables 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.

Before applying power of AC adaptor

Important!

USA and Canada

Unit shipped to the above are not equipped with an AC voltage selector switch and the discussion of such a switch that follows should be disregarded.

All other countries

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

AC voltage selection

AC adaptor operates on 110~120 volts or 220~240 volts AC. 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.

WARNING:

TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

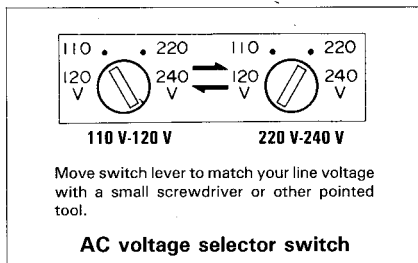


Fig. 1

Before plugging in this unit, make sure that the position of the AC Voltage Selector conforms to your line (mains) voltage. If not, it must be reset. See Fig. 1.

WARNING NOTICE:

IN MOST CASES IT IS AN INFRINGEMENT OF COPYRIGHT TO MAKE COPIES OF TAPES OR DISCS WITHOUT THE PERMISSION OF THE COPYRIGHT OWNERS. ANYONE WISHING TO COPY COMMERCIALY AVAILABLE TAPES OR DISCS SHOULD CONTACT THE MECHANICAL COPYRIGHT PROTECTION SOCIETY LIMITED OR THE PERFORMING RIGHTS SOCIETY LIMITED.

Controls, connectors and indicators <Fig. 2>

- | | |
|---------------------------------------|-----------------------------------|
| ① [◀▶] SKIP/SEARCH buttons | ⑧ LAST MEMO. (Last memory) switch |
| ② [■] STOP button (POWER OFF) | ⑨ HOLD switch |
| ③ [▶/] PLAY/PAUSE button (POWER ON) | ⑩ REP. (Repeat) button |
| ④ Lid | ⑪ P. MODE (Program mode) button |
| ⑤ OPEN button | ⑫ CHARGE button |
| ⑥ PHONES jack | ⑬ Display |
| ⑦ VOLUME control knob | ⑭ LINE OUT jack |
| | ⑮ DC IN jack (6 ~ 9 V) |

Display description <Fig. 3>

1. It blinks when the batteries are running out. It also blinks at relatively long interval during recharging.
2. It is indicated when "P.MODE (Program mode)" is set.
3. It is indicated when Repeat Play is set.
4. It indicates total-recording time and elapsing time of a CD.
5. It indicates total number of musics and the order of musics in the disk which is being played and programmed.
6. It is indicated when "HOLD" switch is set.

Power source

■ Use in the following method:

Rechargeable Battery (Provided)	Charge with the provided AC adaptor before use.
Alkali Battery	Use size AA alkali manganese dry batteries which are available in the general market.
Household AC Power Source	Use the provided AC adaptor.
Car Battery	Use the optional car-battery adaptor DC-C7 (exclusive for 12-V car).

■ How to use the main unit with the provided AC adaptor <Fig. 4>

- When this provided AC adaptor is used, the power source can be supplied from household outlets. Insert the plug of the AC adaptor into the power-source terminal on the reverse side of the main unit, then connect the AC power adaptor to a household outlet.
- Pull out the AC adaptor from the outlet when it is not in use. Conduct insertion into or pulling out from the power source terminal after pressing the STOP [■] button twice in order to turn the main unit into "POWER OFF" condition.

■ How to use the unit with the provided rechargeable batteries or alkali manganese dry batteries

The usable batteries are only the provided rechargeable batteries (KN-3U). Generally marketed rechargeable batteries and manganese dry batteries cannot be used.

- **How to Insert the batteries into the battery compartment <Fig. 5>**

Open the battery cover.

- ① Lift the cover while pressing the STOP [■] button.

Insert the batteries.

- ② Insert the four provided rechargeable batteries or alkali manganese batteries into the battery compartment surely by paying attention for correct polarity.

Close the battery cover.

- ③ Fit the hook of battery cover into the specified position.
- ④ Be sure to fit it into the specified position until it clicks and gets locked.

Charge the provided rechargeable batteries for 6 hours, if you use them for the first time.

- **How to Recharge <Fig. 6>**

Turn the Power off and insert provided rechargeable batteries into the battery compartment, then connect an AC adaptor to the main unit before pressing CHARGE button in order to start recharging. (Recharging cannot be conducted when Power is turned ON)

Recharging is canceled automatically by the built-in and 6-hour timer when recharging is completed.

1. If the STOP [■] and PLAY/PAUSE [▶/||] button is pressed while recharging is being conducted, POWER will be turned OFF. Recharging will be canceled when PLAY/PAUSE [▶/||] button is pressed during recharging. Other operations cannot be conducted.
2. The CHARGE button functions even though when the HOLD switch is turned ON.
3. Recharging is canceled when the AC-adaptor plug is pulled out an outlet while recharging is being conducted, or when power supply is cut.

- **How to Recognize the Recharging Time**

In the normal use, 5 hours of recharging allows continuous play for about 2 hours.

Recharge them for about 6 hours, however, if they are not used for a long period of time.

- **How to make batteries stand up to long use**

If recharge is repeated for the provided batteries, whereas the power of batteries is still remained, the batteries may not be recharged enough as their property. In such a case, use up the power of them before conducting recharging, which allows them for normal recharging.

Cautions:

- Do not recharge the manganese and alkali manganese batteries.
- Be sure to use only the provided and AC adaptor for recharging. It is dangerous if you use other kind of AC adaptor.
- Avoid adverse recharging and short circuit. They result in causing of such troubles as deterioration of rechargeable batteries and generation of heat.
- Do not disassemble and modify it by yourself.
- Do not touch the CD player and AC adaptor with wet hands.
- Should the liquid contained in the battery attach on your skin or clothes due to breakage, etc. rinse it off with much running water.
- Avoid overcharging a battery for 24 hours or more. It shortens the battery life.

Listening through headphones < Fig. 7 >

- Connect the headphone (optional) plug with the "PHONES" jack (use $\phi 3.5$ stereo mini plug). Conduct the pull-in/out operation of the jack during Power is OFF.
- Adjust the volume with the VOLUME control.

Notes:

- Keep the plug of headphone clean all the time. Non-clean plug may cause noise.
- Avoid using the headphone when you drive a car and so on for traffic safety.
- Be careful not to fall asleep with the headphone on.

As a Compact Disc contains very little noise, a sudden loud sound could be output if the VOLUME control is adjusted too high: this could cause serious damage to your ears.

Playback through a home audio system

■ Playback using the "LINE OUT" output < Fig. 8 >

- Power is supplied through the provided AC adaptor.
- Connect the provided audio connection cord to "LINE OUT" of the main unit, then insert the white plug into the outside-input terminal (AUX terminal) of amplifier or the left input terminal of CD input terminals. Set the input selector of amplifier to "AUX" or "CD". When input is to be made from the main unit to a tape deck, connect the cord to "LINE-IN" terminal.
- Set the "VOLUME" thumbscrew at scale 7 for volume adjustment made by the amplifier.
- When the direct input from the main unit to a tape deck is to be made, adjust the volume with volume-level adjuster (REC LEVEL) of the tape deck.

Caution:

- Before making connections, be sure to turn the amplifier power off.

Do not connect the main unit to the PHONO terminal of the amplifier.

CD playback in an automobile < Fig. 9 >

■ Use in the car audio cassette adaptor CAC-1 (optional)

- When the power source is taken from a cigar socket of a car, use the optional car battery adaptor DC-C7. It allows you to enjoy listening to music for a long time without worrying about the battery consumption.
- Insert the plug of car audio cassette adaptor CAC-1 (optional) into the "LINE OUT" terminal of the main unit. Insert the CAC-1 to the car component deck, and turn the car component deck into the PLAY mode.
- Set the "VOLUME" thumbscrew at scale 7 for volume adjustment made by the car cassette deck.

Notes:

- **Since car battery adapters available in the market have different polarity and voltage, they may result in troubles. (Be sure not to use a car battery adaptor other than the optional DC-C7.)**
- In case the unit is used in a car, install it taking the safety in consideration, so that it does not interfere with the driving operations.
- The CAC-1 cannot be used with some car audio cassette models.
- Do not leave the unit in a closed automobile where the temperature is expected to be high.
- Place the unit on a soft place where automobile vibrations are not easily transmitted.
- If any sound skipping occurs due to vibrations, turn on the [HOLD] switch to reduce the sound skipping.

8 cm CD single can also be played

This unit can play 8 cm CD singles directly without using an adaptor.

Caution:

- Do not use an adaptor sold for other models (otherwise the CD or this unit may be damaged).

How to play (Manual play)

■ Types of play

Manual play	Plays musics from the first track to the last track (Basic Operation). (See Page 10.)
Repeat play	Plays your favorite music repeatedly. (See Page 12.)
Program play	Reserve your favorite musics by order as you like. (See Page 12.)

■ Manual Play (Basic Operation)

Leave the HOLD switch turned OFF.

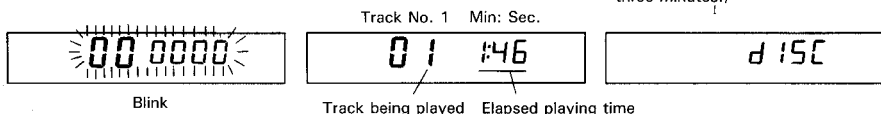
- Push the OPEN button.
- Open the lid: Lightly lift the lid near the OPEN button.
- Insert the disk: Be sure to keep the label side of the disk upward.
- Close the lid.
- Push the PLAY/PAUSE [▶/||] button:

The unit starts playing automatically after scanning the data of the disk.

When PLAY/PAUSE [▶/||] button is pressed to POWER ON.

When the unit starts playing automatically.

In the event that data is not read or a disc is not inserted. (It will turn out to be POWER OFF after elapsing of three minutes.)

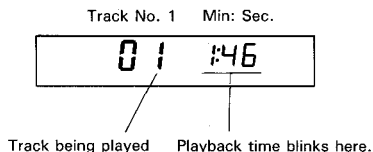


- Adjust the volume.

■ To operate temporary stop (pause)

- Push PLAY/PAUSE [▶/||] button:

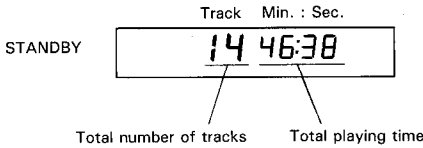
If you press it once more, the unit starts playing from the paused position.



■ **To stop**

⑧ **Push the STOP [■] button:**

- If the STOP [■] button is pressed once, the unit is put in the standby mode. If it is pressed once again, the unit is turned out to be POWER OFF.
- If the standby mode lasts for 3 minutes or more, the unit is turned out to be POWER OFF.



Notes:

- If the HOLD switch is being turned ON, PLAY/PAUSE [▶/||] operation cannot be activated even the button is pressed.
- If OPEN button is pressed, all the contents is erased and the unit is turned out to be POWER OFF.
- If the lid is open, all the functions do not work. Closing the lid does not simply allow the unit to turn out to be POWER ON.
- If the PLAY/PAUSE [▶/||] button is pressed during the standby mode, the unit starts playing from the first track.
- When the music is played until the final track and the player has naturally entered the Standby Mode, it indicates the total playing time.
- Be sure not insert the disk up side down. If the disk is inserted into the unit with reverse side up, the unit can not start playing.
- Do not insert anything other than the disk into the disk tray.
- A disk may be damaged if it is inserted diagonally into the disk tray.

■ **To skip to the beginning of desired track (Skip feature, ◀◀, ▶▶), to search in the forward or backward direction (Search feature, ◀◀, ▶▶)**

- The skip function is activated with one press of button and the search function is activated with continuous press of button.
- Operate during play (Basic Operations ⑤, ⑥), or standby mode (Basic Operation ⑧).

⑨ **To skip to the beginning of the track being played:**

Tap the ◀◀ button for an instant.

To skip to the beginning of the next track:

Tap the ▶▶ button for an instant.

- When you wish to skip back to the previous music, press the ◀◀ button once more.
- The first music is caused to play if ▶▶ button is pressed while the last music is being played.
- If you press ◀◀ button during the standby mode, the last music is activated to play.

⑩ **How to operate the quick return with the main unit:**

Push ◀◀ button continuously.

How to operate the quick traverse:

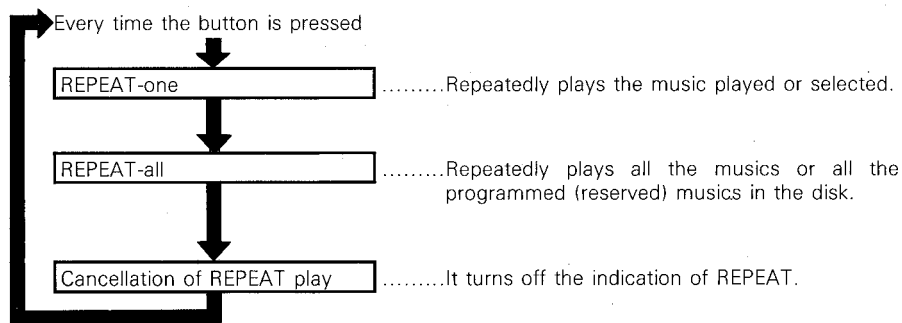
Push ▶▶ button continuously.

- If you release the quick return and quick traverse buttons, the unit plays the music from that position.
- If an operation is made during the pause mode, the music is paused at the position where the button is released.

How to play (Repeat play)

Repeat play (Basic operations ① - ⑥ are omitted.)

- If the REP. button on the main unit is pressed during play or standby mode (basic-operation ⑧), repeat play will be activated.



⑪ How to repeatedly play the music being played or selected:

Push the REP. button once.

⑫ How to repeatedly play all the music or all the programmed musics in the disc:

Push REP. button twice.

⑬ How to Stop Play

Press the STOP [■] button on the main unit.

How to Play (Program Play)

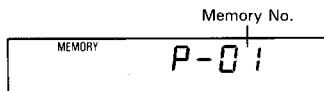
- Operate during the standby mode (Basic operation ⑧). It cannot be operated if the mode is in other than the standby mode.
- 15 favorite musics can be programmed (reserved) in the order you like to listen to.
- After completion of the programming (reservation), play is activated if "PLAY/PAUSE [▶/||]" is pressed.

How to program with the SKIP/SEARCH [◀◀ ▶▶] button

(Basic Operations ① - ⑥ are omitted.)

⑭ Push P. MODE button:

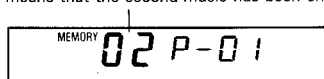
- Enters the program input mode.



⑮ Select with the SKIP/SEARCH [◀◀ ▶▶] button (Music 1):

- The same operation as in ⑨ and ⑩.

It means that the second music has been chosen.

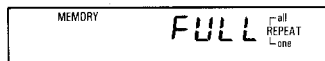


16 Push the P. MODE button.

(It means that the music has been set as the firstly played music.)

17 Select the music (from Musics 2, 3, ... 15):

- Repeat the operation in (15) and (16).
- The maximum number of input musics for program is 15. The following indication is shown after those 15 musics are input.



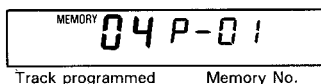
- During the programmed play, the unit is in the auto space mode. Then, the four-second pause is inserted between the musics.
- If the SKIP [◀◀ ▶▶] button is pressed during the programmed play, skip search can be made only with the programmed track.
- When the program is called during the program stand-by mode and the PLAY/PAUSE [▶/||] button is pressed with LAST MEMO. OFF (See Page 14), the player will play from the first music programmed, not the music whose number is indicated now.

Confirmation of the programmed contents

- This function can be operated when the disc is programmed and stopped.

18 Push P. MODE button:

- Indicates the music number of Music 1.

**19 If the P. MODE button is pressed repeatedly:**

- Then the programmed contents are indicated in order.
- If the music orders are indicated until the last programmed music, the indication returns to Music 1.

How to cancel all the programs**20 Put the unit to POWER OFF or open the lid:**

- Push the STOP [■] button once when the musics are is programmed and the disc is stopped in order to enter the unit into the standby mode, or press the STOP [■] button twice during play in order to put the unit to POWER OFF.
- Push the OPEN button.

How to change the contents of the program**21 Call the program number to be changed by pressing the P. MODE button:**

Example:

When you wish to change the music in Track 6 of the Program Number 2 to Track 8, call the Program Number 2 by pressing the P. MODE button.



- You can also revise the track after indicating the Track 8 with ◀◀ and ▶▶ buttons on the main unit, and then pressing the P. MODE button.

Convenient functions

■ Prevention of misoperation [HOLD]/Reduction of sound skip [Anti shock]/Last memory function

- This unit has the HOLD function to prevent misoperation, the anti-shock function to reduce the sound skipping and the LAST MEMO. function to memorize the musics until the power is turned off. When the unit is used in the car or elsewhere where there is big vibrations, the sound skipping is reduced.

Turn on the HOLD switch:

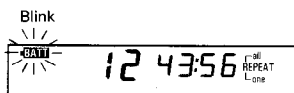
- If the "HOLD" is turned on in the POWER OFF mode, the unit will not be turned to the POWER ON mode even though the PLAY/PAUSE [▶/||] button is pressed.
- The PLAY operation only is accepted during the standby mode.
- If the "HOLD" is turned ON during the play, the button switches other than the "OPEN" button can not be operated.

When the LAST MEMO. switch is turned on, the following operations are made:

- When the power is turned on from the off condition, the player starts to play the music from the beginning part of the music where the present location of the pick-up is read.
- If the STOP [■] button is pressed and the PLAY/PAUSE [▶/||] button is pressed again, the player starts to play from the beginning part of the stopped music. (When it is paused at the near end of a music, it may start playing from the beginning part of the following music.)
- If the SKIP button [◀◀] is pressed during the standby mode, the player starts to play the music previous to the music for which the STOP [■] button is pressed.
- If the SKIP button [▶▶] is pressed during the standby mode, the player starts to play the music next to the music for which the STOP [■] button is pressed.

■ Battery life indicator

- The battery indicator starts blinking after remaining battery life coming to 30 minutes or so. Replace the alkali batteries with new ones, or recharge rechargeable batteries. Refer to page 7 and 8 for the way to exchange batteries for new ones or recharge them.



Service Life of Rechargeable Battery:

Rechargeable battery has a life.

After about 500 times of recharging, its performance (operating time) is halved as compared to a new battery. If operating time shortens considerably although you have charged your battery properly, four rechargeable batteries for replacement.

Simple care and maintenance <Fig. 10>

■ Cleaning the cabinet

When the cabinet gets dirty, wipe it with a dry cloth. If the stain is so serious that it cannot be removed with a dry cloth, moisten the cloth with a small amount of water. After wiping with the moistened cloth, do not forget to remove the moisture with a dry cloth.

■ Cleaning the lens

Clean the lens carefully, using a commercially-available camera lens blower, etc.

■ Care and maintenance of discs

If dirt or dust is attached to the playing surface of a disc, clean it carefully using a commercially-available CD cleaning cloth, etc.

When wiping the disc, be sure to wipe it in a radial direction, as shown in the Fig. 10. (Do not use a record cleaner for ordinary disks.)

Avoid leaving discs under direct sunlight or in a place where the temperature is high.

When a disc is not to be used for a long period of time, do not leave it in the CD player.

Specifications

Tracking system	Three-beam tracking	
Laser type	Semiconductor laser	
D/A converter	16 bit, linear	
Filter	Double oversampling digital filter	
Frequency response	20 to 20,000 Hz, ± 1 dB	
Total harmonic distortion	0.04% (at 1 kHz)	
S/N ratio	87 dB, 1 kHz	
Channel separation	80 dB, 1 kHz	
Wow & flutter	Below measurable limit	
Output terminals	Headphone jack: 3.5 mm stereo mini-jack	
	LINE OUT jack: 3.5 mm stereo mini-jack	
Input terminal	DC IN 6 V to 9 V (external power supply)	
Output level	12 mW + 12 mW (16 Ω , at 1 kHz)	
Line output	0.8 V (47 k Ω at 1 kHz, Variable)	
Power consumption	1.5 W	
Power requirement	6 V DC: provided rechargeable batteries or external DC IN jack	
	120 V AC, 60 Hz (USA and Canada type, using the provided AC adaptor)	
	220-240 V AC 50 Hz (U.K., Europe, and Australia, using the provided AC adaptor) or	
	110-120/220-240 V AC, 50/60 Hz (All other type, using the provided AC adaptor)	
Battery life	About 2 hours (continuous Repeat Play)	
	(may vary depend on charging condition)	
Dimensions (W×H×D)	137×41×157 mm	
Weight	445 g (without rechargeable battery)	
Accessories	Audio connection cord	× 1
	AC adaptor	× 1
	Rechargeable battery (AA)	× 4

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