

KENWOOD

DPC-472

DPC-471

DPC-371

DPC-171

PORTABLE COMPACT DISC PLAYER

INSTRUCTION MANUAL

KENWOOD CORPORATION

Note:

This instruction manual is for common use with the four models above.

Model DPC-371 is not available in U.S.A.

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.

Before using the rechargeable battery pack

The rechargeable battery pack comes non-charged condition. Read "Battery powered operation" carefully and charge the battery before use.

COMPACT
disc
DIGITAL AUDIO

B60-2873-08 (K. P.) MC
97/12 11 10 9 8 7 6 5 4 3 2 1 96/12 11 10 9 8 7

Before applying power

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

AC adaptors are designed for operation as follows.

U.S.A. and Canada	AC 120 V only
Australia	AC 240 V only
Europe and U.K.	AC 230 V only
Other countries	AC 110-120 / 220 -240 V switchable

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

NOTICE:

This Class B digital apparatus meets all requirements of the Canadian interference-Causing Equipment Regulations.

The marking of products using lasers (Except for some areas).

**CLASS 1
LASER PRODUCT**

This label is attached to the bottom panel and says that the component uses laser beams that have been classified as Class 1. It means that the unit is utilizing laser beams that are of a weaker class. There is no danger of hazardous radiation outside the unit.

Safety precautions

DPC-472/471/371/171 (En)

△ **Caution:** Read this page carefully to ensure safe operation.

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

IMPORTANT SAFEGUARDS

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.
- 3. Enclosure removal** — Never remove the enclosure. If the internal parts are touched accidentally, a serious electric shock might occur.
- 4. Drop** — Do not drop the unit or apply strong shock to it. (Damage due to dropping the unit is not covered by the warranty.)
- 5. Ventilation** — Avoid hindering the ventilation of the unit by covering it with a cloth, etc.
- 6. 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.
- 7. Heat** — Avoid placing the unit under direct sunlight or near a source of heat such as heating equipment. Particularly, never leave it in an automobile or on the dashboard.
- 8. 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).
- 9. 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.
- 10. Dust and moisture** — Avoid places where is dusty or where the humidity is high.
- 11. Vibrations** — Avoid placing the unit on an unstable place such as a shelf or in a place subject to vibrations.
- 12. Magnetic fields** — Keep the unit away from sources of magnetic fields such as TV sets, speaker systems, radios, motorized toys or magnetized objects.
- 13. Cleaning** — Do not use volatile solvents such as alcohol, paint thinner, gasoline, or benzine, etc. to clean the cabinet. Use a clean dry cloth.
- 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. Damage requiring service** — The unit should be serviced by qualified service personnel when:
 - A.** The power-supply cord or the plug has been damaged.
 - B.** Objects have fallen, or liquid has been spilled into the unit.
 - C.** The unit has been exposed to rain.
 - D.** The unit does not appear to operate normally or exhibits a marked change in performance.
 - 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. CAUTION (For the Canada)** — TO PREVENT ELECTRIC SHOCK DO NOT USE THE AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Notes on using through car stereo

- In case of abnormality such as smoke production, immediately unplug the car battery adapter from the cigar lighter socket.
- Do not leave the products or batteries in the car, particularly above the dashboard, for this may lead to malfunction or damage due to solar heat.
- If the unit is connected to a car stereo using an audio cord, noise may sometimes interfere.

In case of abnormality, immediately press the ▲ key to turn the power OFF, and unplug the AC adapter from the power outlet. Then please contact your nearest KENWOOD service center.



Dear Customer:



Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion — and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decibel Level	Example
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet

THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.

For rechargeable battery



ATTENTION

Nickel-Cadmium battery must be recycled or disposed of properly. State laws may vary regarding the handling and disposal of Nickel-Cadmium batteries. Please contact your Authorized KENWOOD Dealer for more information.

For the U.S.A.

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.

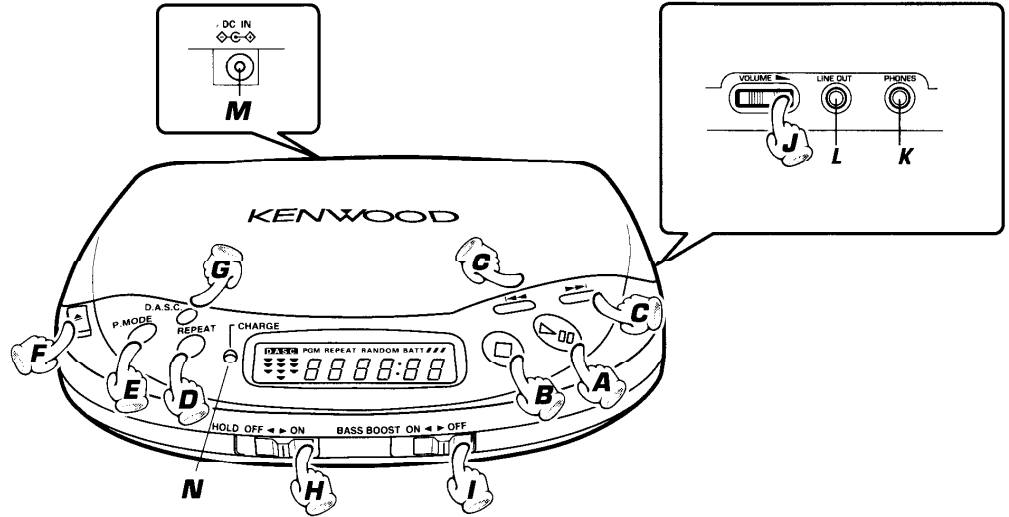
KENWOOD CORPORATION
2967-3, ISHIKAWA-CHO,
HACHIOJI-SHI,
TOKYO, JAPAN

KENWOOD CORP. CERTIFIES THIS EQUIPMENT
CONFORMS TO DHS REGULATIONS NO. 21
CFR 1040.10, CHAPTER I, SUBCHAPTER J.

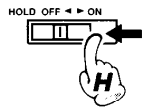
Location: Bottom Panel

Playback from the first track

DPC-472/471/371/171 [En]

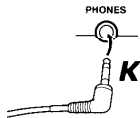


1 Set the HOLD switch to OFF.



- Before any operation, be sure to set the HOLD switch to the OFF position.

2 Connect headphones.



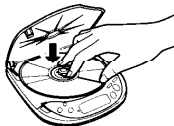
- Use headphones equipped with a stereo mini-plug

3 Open the top cover.



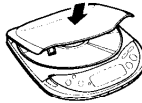
4 Place a disc.

Place with labeled side up.



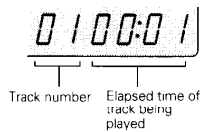
- Secure the disc by pushing a position near the center hole until it clicks.

5 Close the top cover.



- Close securely by pushing the front left position of the top cover until it clicks.

6 Start playback.

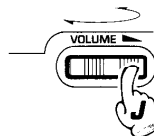


- The power comes ON and playback begins.

7 Adjust the volume.

To increase volume

To decrease volume



The letter written on the hand in each illustrations accompanying the text indicate the position of the pressed key on the unit.

A ►|| key

Press to play a disc, pause playback or switch power ON.

B ■ key

Press to stop the disc or turn power OFF.

C ◀▶ keys

Press to skip tracks or search disc in the forward or backward direction.

D REPEAT key

Press to repeat track(s).

E P.MODE key

Press when enjoying various play modes.

F ▲ key

Press to open the top cover.

G D.A.S.C. (Digital Anti Shock Circuit) key

(DPC-472/DPC-471/DPC-371 only)

Press to switch the anti-shock guard function.

H HOLD switch

Set to switch the hold function ON and OFF.

I BASS BOOST switch

Switch to activate low-frequency compensation.

J VOLUME control

Turn to adjust the listening level.

K PHONES (Headphones) jack

L LINE OUT jack

M DC IN jack

N CHARGE indicator

Lights during recharging.

To pause playback temporarily



Blinks

- When the ►|| key is pressed during playback, it pauses temporarily. Pressing the key again resumes playback.

To stop playback



Goes off.

To turn power OFF

DPC-472/471/371

The power is turned off when the disc playback is stopped.

- It is also turned off when the top cover is opened.

DPC-171

After stopping playback, press the ■ key again.

- It is also turned off when the top cover is opened.
- If no operation key has been pressed for 30 seconds while the unit is in the stop mode, the power is turned OFF automatically to prevent battery power consumption.

Skipping to or searching a desired track

Track selection by track skip

To skip backward To skip forward



- The same number of tracks as the times the key is pressed can be skipped.
- When the left key is pressed once during playback, the played position returns to the beginning of the current track being played.

Fast forward, fast reverse

Hold the key pressed during playback.

FAST REVERSE Fast forward

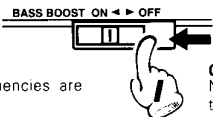


- Playback resumes from the position where the key is released.
- If the key is released immediately after it has been pressed, the same operation as the track skip operation occurs.

Changing the tone

Compensation of low frequencies

The low frequencies sound which is felt in headphone can be boosted.



ON
Low frequencies are boosted.

OFF
Normal tone reproduction.

- The BASS BOOST is not applied to the output from the LINE OUT jack.

Repeating disc track(s)

DPC-472/DPC-371

Pressing the REPEAT key during playback allows you to enjoy the repeat play modes.

1 Enter play mode.



0 1 0 0 : 0 1

2 Select the repeat mode.



Each press switches the repeat modes as follows.

① One-track repeat

The track being played or selected track will be played repeatedly.

Blinks
REPEAT
0 1 0 0 : 0 1

② All-track repeat

All tracks on the disc will be played repeatedly.

Lights
REPEAT
0 1 0 0 : 0 1

③ Cancelled position

Returns the normal play mode.

Goes off
0 1 0 0 : 0 1

Repeating disc track(s)

DPC-171

DPC-472/371/171 [En]

Pressing the REPEAT key during playback allows you to enjoy the repeat play modes.

1 Enter play mode.



0 1 0 0 : 0 1

2 Select the repeat mode.



Each press of the key switches the repeat on/off.

① Repeat ON

The disc tracks are played repeatedly when any of the 'Various play modes' has been selected, the track(s) set in this mode are played repeatedly.

Lights
REPEAT
0 1 0 0 : 0 1

② Repeat OFF

Normal playback continues.

Goes off.
0 1 0 0 : 0 1

- Repeat playback is also possible in combination with any of play modes ① to ⑤ described in 'Various play modes.'

Various play modes

Pressing the P.MODE key during playback allows you to enjoy various play modes.

Preparation

• Press the ►|| key to enter play mode.

Each press of the P.MODE key switches the play modes as shown below.

With DPC 472/DPC 371:

With DPC 171:

➊ Intro Scan

➋ Program playback

➌ Random playback

➍ Normal playback

➊ Intro Scan

➋ One-track playback

➌ Program playback

➍ Random playback

➎ Normal playback

Intro Scan

The first 10 seconds of every track on a disc can be played in sequence.

➊ Select the Intro Scan mode.

P.MODE



01 Intro

➋ Press the ►|| key.



01--:01

• When Intro Scan is selected, the Intro Scan starts immediately after searching the beginning of track No. 1.

Program playback

Desired tracks can be played in the desired order.

➊ Select the program play mode.

P.MODE



Blinks.

PGM
0001

➋ Select the desired track numbers in the order you want to play them.

(1) Select a track...



PGM
0101

Track number Programmed order

(2) And enter it.

REPEAT



PGM
0002

- Select other tracks in the desired order by repeating (1) and (2) above.
- Up to 22 tracks can be programmed at a time.

➌ Start playback.



Lights

PGM
0100:01

- With the DPC-171, the "PROGRAM" indicator is used in place of "PGM".
- The program contents are cleared when the disc playback is stopped.

Random playback

Tracks can be played in a sequence which is selected randomly from all of the disc tracks. All of the tracks on the disc will be played once.

Select the random play mode.

P.MODE



lights

RANDOM

0501:10

- When random playback is selected, the random playback will start after the track being played has completed.

One-track playback (DPC-171 only)

Only a single track on the disc can be played.

Select the one track play mode.

P.MODE



Blinks.

0501:10
Track No.

To check the programmed contents

This operation is possible in the period after selecting and entering tracks and before pressing the ►|| key.

Every time the REPEAT key is pressed, the programmed tracks will be displayed one by one in the programmed order.

To change the programmed contents

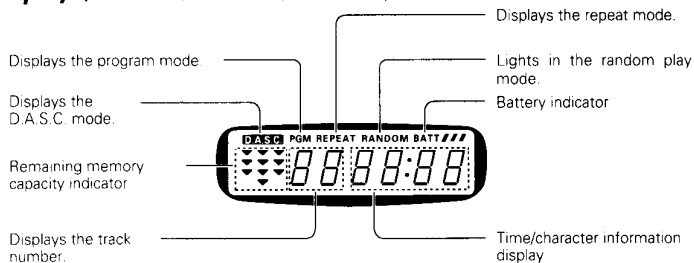
- ➊ Press the REPEAT key to display the track to be replaced.
- ➋ Select the desired track number to replace it by pressing the ◀◀ or ▶▶ key.
- ➌ Press the REPEAT key to enter the newly selected track.

To clear the programmed contents

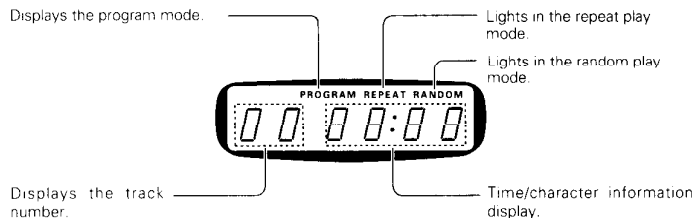
Press the ■ key or open the top cover to clear the program.

Controls and indicators

Display (DPC-472/DPC-471/DPC-371)



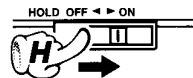
Display (DPC-171)



Hold facility

DPC-472/471/371/171 (En)

The operation keys of the main unit except for the Δ key, bass boost and volume control are defeated. This position prevents undesired operation when the unit is put in a bag, etc.



Set to the right side.

- Be sure to release the switch (set to the OFF position) before performing any operations. Operations cannot be performed if it is in the ON position.

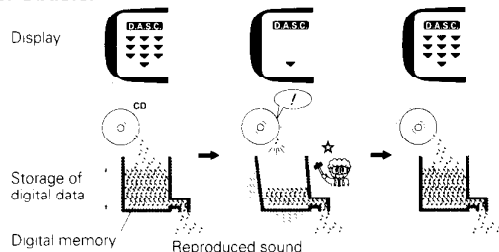
Sound skip guard function (D.A.S.C.)

* D.A.S.C. (Digital Anti Shock Circuit)

DPC-472/DPC-471/DPC-371 only

It prevents skipping by storing the CD's digital data in memory, and then playing back from the memory.

Mechanism of D.A.S.C.



• In case of vibration above a certain degree, the memory data may be exhausted and the guard from sound skip may become temporarily ineffective.

Setting the D.A.S.C.

Each press changes between the following.

D.A.S.C.



➊ D.A.S.C. ON

With the DPC-472, digital data of 11 seconds is stored in memory.

With the DPC-471 or DPC-371, digital data of 3 seconds is stored in memory.

➋ D.A.S.C. OFF (Released)

When the player is used in a place free of vibration, it is recommended to release the D.A.S.C. to extend the play time by reducing the battery power consumption.

Lights.



Goes off.



• The reproduced sound is interrupted during switching.

The battery power consumes more quickly when the D.A.S.C. is used. It is therefore recommended to set the D.A.S.C. OFF when the player is used in a place free of vibration.

In case of difficulty

What seems to be a serious trouble may sometimes be due to a simple mistake. Before calling for service, check the items shown in the following table again. (If you request servicing due to the reasons shown in the table, the service may be charged in some cases.)

Symptom	Cause	Remedy
No operation occurs when operation keys are pressed.	<ul style="list-style-type: none"> The HOLD switch of the main unit is set to ON. The batteries are exhausted. The disc is placed upside down. Condensation has occurred inside the unit. The AC adapter or car battery adapter is disconnected. 	<ul style="list-style-type: none"> Set the switch to OFF. Replace both of the two alkaline batteries, or recharge the rechargeable batteries. Place the disc with the labeled side up. Leave the unit for about 1 hour before re-use. Connect it properly.
No sound is heard from the headphones.	<ul style="list-style-type: none"> The headphones are connected incompletely. The volume is set to the minimum position on the main unit. 	<ul style="list-style-type: none"> Insert the plug securely into the PHONES jack. Adjust the volume on the main unit.
Sound skips, or is interrupted.	<ul style="list-style-type: none"> The D.A.S.C. is set to "OFF". A strong vibration that exceeds the capacity of the D.A.S.C. has occurred. The disc is dirty. The lens is dirty. The headphone plug is dirty. The batteries are low. 	<ul style="list-style-type: none"> Set the D.A.S.C. to "ON". (DPC-472/471/371 only) Place the unit in a place not subject to vibration. Clean it. Clean it. Clean it. Replace or recharge the batteries.
Noise interferes.	<ul style="list-style-type: none"> The headphone plug is dirty. The batteries are low. The headphones are connected incompletely. 	<ul style="list-style-type: none"> Clean it. Replace or recharge the batteries. Insert the plug securely into the PHONES jack.
Rechargeable batteries cannot be recharged.	<ul style="list-style-type: none"> Commercially-available rechargeable batteries are used. 	<ul style="list-style-type: none"> Use the exclusive rechargeable batteries (NB-88 or NB-77).

Note

This system uses a microcomputer so it may malfunction due to external noise or interference. In such a case, unplug the power cord and remove the batteries, then plug the power cord again and insert the batteries again.

Connections

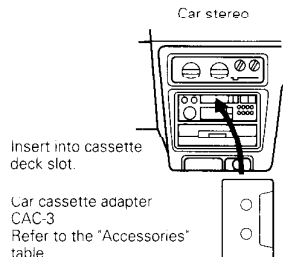
DPC-472/471/371/171

Ensure that the power of the all of the components is off before connecting the cords.

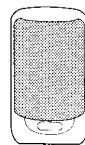
Listening through car audio

- If sound is not produced, change the tape playing direction of the car stereo.
(Sound is not produced if the car stereo is set to play tape side B.)
- Audio reproduction may be impossible with the following types of car stereo.

Models which function by detecting the tape tension.
(With these car stereo models, the CAC-3 is ejected automatically when it is inserted.)



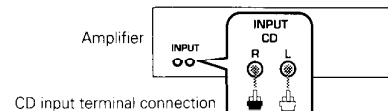
Listening through speakers



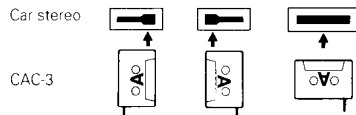
Speakers with built-in amplifier

Listening through an amplifier with CD input jacks

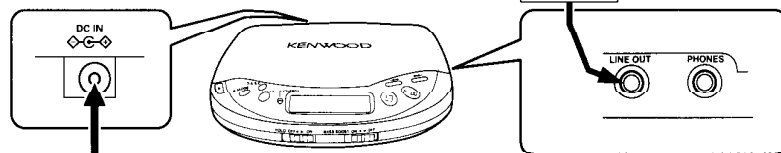
- Connect the cable to the amplifier's CD input jacks.
- For detailed playback procedures, please read the instruction manual of your amplifier.
- This connection may be impossible with some amplifiers.



CAC-3 insertion methods

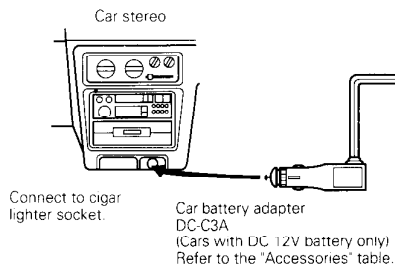


- Insert the CAC-3 by setting the played edge and cord position as shown in the illustration.

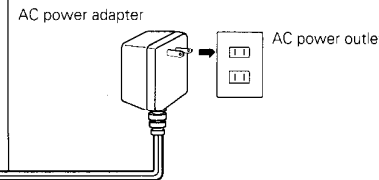


Car battery powered operation

- When the unit is not used, unplug the car battery adapter. (Otherwise, the car battery may run out, with some car models.)
- The plug may not match the cigar lighter socket of some car models.
- If the unit cannot be operated with the car battery adapter connected, suspect the possibility of a blown fuse. The fuse can be replaced by turning the electrode on the tip of the adapter plug. When replacing the fuse, be sure to use a fuse with a rating of 1 A.



Mains power operation



Battery powered operation

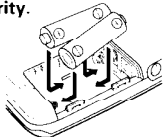
This unit can be powered with three kinds of supplies including the batteries, household power line and car battery. The batteries may either be rechargeable batteries manufactured specially by KENWOOD or alkaline dry cell batteries. Be sure to remove the batteries from the unit when it is not to be used for a long period (of more than a week).

Rechargeable battery operation (Refer to the "Accessories" table.)

Be always sure to use the optional rechargeable battery pack of **NB-88** or **NB-77**. Never use other batteries than the rechargeable batteries manufactured for exclusive use with KENWOOD products.

Loading the rechargeable batteries

Insert rechargeable batteries paying attention to the \oplus and \ominus polarity.



- When using a rechargeable battery pack which is new or which has not been used for more than 2 months, the operating period may be shorter than normal. This is due to the properties of the battery and not a malfunction.

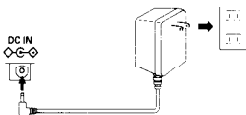
After recharging, use the battery pack on the unit until it is exhausted. The original performance of the battery performance can be recovered by repeating this cycle a few times.

Recharging the batteries

(1) Ensure that none of the indicators is lit.

(2) Connect the AC adapter.

Connect to DC IN jack.



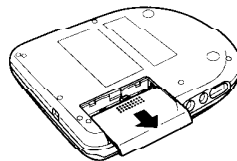
- Recharging is not possible during playback. Be sure to set the power OFF before starting recharging.
- Be sure to close the top cover of the unit before proceeding to recharging.
- Make sure the charge indicator on the unit is lit.

(3) In about 15 hours later, disconnect the AC adapter from the main unit.

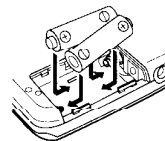
- Recharging completes in about 15 hours. Avoid recharging batteries over 15 hours.
- Rechargeable batteries can be recharged for about 500 times. When the playable time per recharge reduces, please newly purchase the optional (NB 88 or NB 77) rechargeable batteries.

Alkaline battery operation

① Open the cover.



② Insert two LR6 alkaline batteries paying attention to the \oplus and \ominus polarity.



- Use commercially-available LR6 alkaline dry cell batteries.
- We recommend the use of alkaline batteries because the playable time may sometimes be extremely short when manganese batteries are used.
- Always replace both batteries at a time.

③ Close the cover.

Battery duration indicator

(DPC-472/471/371 only)

The duration at which the battery indicator starts to blink is variable depending on the type of battery used. Refer to the table on the right.

Battery indicator

BATT///

Battery Type	Blinking Timing	Treatment
Rechargeable battery	When the battery is nearly exhausted	In a while, the power will be turned off automatically. Then recharge the battery pack.
Alkaline battery	When the batteries are half exhausted	Playback is possible while the indicator is blinking.

Specifications

Format

System Compact disc digital audio system

Laser Semiconductor laser

Audio

Frequency response 20 Hz ~ 20 kHz, ± 3 dB

PHONES output level (16 Ω , 1 kHz) 10 mW + 10 mW

Line output/impedance 0.6 Vrms/1 k Ω

Power supply

External DC supply 4.5 V to 6 V DC

Rechargeable batteries (NB-88) $\times 2$ DC 2.4 V

Commercially-available alkaline batteries (LR6/AA) $\times 2$ DC 3 V

Battery life (continuous repeat playback)

(Figures inside parentheses show the performance when the D.A.S.C. is ON.)

Commercially-available alkaline batteries (LR6/AA) $\times 2$ Approx. 7.5 (6.5) hours (DPC-472)

Commercially-available alkaline batteries (LR6/AA) $\times 2$ Approx. 7.5 (6.0) hours (DPC-471/371)

Commercially-available alkaline batteries (LR6/AA) $\times 2$ Approx. 8.0 hours (DPC-171)

Rechargeable batteries (NB-88) $\times 2$ Approx. 3.5 (3.0) hours (DPC-472)

Rechargeable batteries (NB-88) $\times 2$ Approx. 3.5 (3.0) hours (DPC-471/DPC-371)

Rechargeable batteries (NB-88) $\times 2$ Approx. 4.0 hours (DPC-171)

Dimensions (W \times H \times D) 134 mm \times 29 mm \times 157 mm

(5 - 1/4" \times 1 - 1/8" \times 6 - 7/16")

Weight (net) 282 g (9.9 oz.)

Note:

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

Accessories	DPC-472	DPC-471	DPC-371	DPC-171
AC adaptor	1	1	1	1
Headphones	1	1	1	1
Rechargeable batteries	NB-88 $\times 2$	—	—	—
Car battery adaptor	1	1	—	—
Car cassette adaptor	1	1	—	—

The standard accessories vary depending on the model of the unit.

The accessories which are not equipped as standard are optionally available. For details, please consult your dealer.

KENWOOD

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 the product

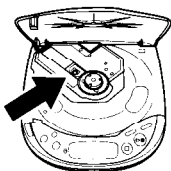
Model _____ Serial Number _____

Maintenance

Simple care

Care of lens

When the lens in the pick up gets dirty, malfunctions including the impossibility of playback may occur. The lens should be cleaned using a commercially-available camera lens blower, etc. Do not touch the lens to prevent damaging the mechanism. Also do not use a lens cleaner or disc cleaner product.



Care of main unit


When the unit gets dirty, clean with a soft, dry cloth. If the unit is stained seriously, a moistened cloth can be used. Do not use benzine or thinner for these will damage the unit.

Cleaning the plug

Wipe the headphone plug with a soft cloth to keep clean.
A dirty plug may cause noise or malfunction.

Caution on disc used

Usable discs

This unit is capable of playing discs marked with . Other discs cannot be played.
8 cm single CDs can be played as they are; do not use a commercially-available single CD adapter.

Handling

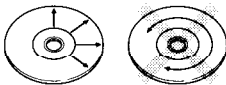
Hold compact discs so that you do not touch the playing surface.
Do not attach paper or tape to either the playing side or the label side of compact discs.

Never play a cracked or warped disc.

During playback, the disc rotates at high speed in the player. Therefore, to avoid danger, never use a cracked or deformed disc or a disc repaired with tape or adhesive agent.

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 radial manner.



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.

Precaution against condensation

Immediately after a room is heated or in a room with high humidity (or vapor), the unit may malfunction due to the condensation of dew or mist on the pick-up lens. In such a case, leave the unit for about an hour before trying to use it again.