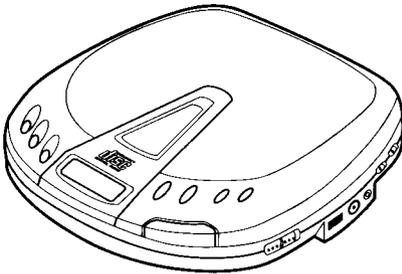


SANYO

INSTRUCTION MANUAL

CDP-865CR

Portable Compact Disc Player

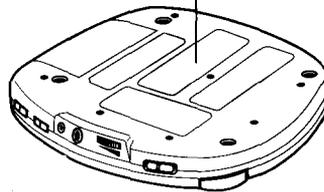
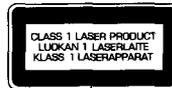
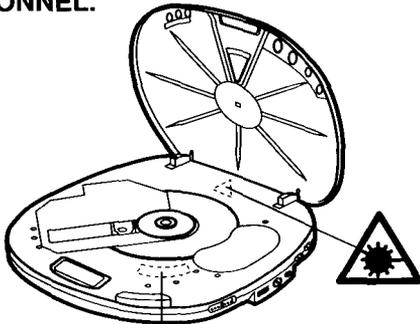


SAFETY CERTIFICATION

CAUTION

USE OF CONTROLS OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

THIS COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT QUALIFIED SERVICE PERSONNEL.



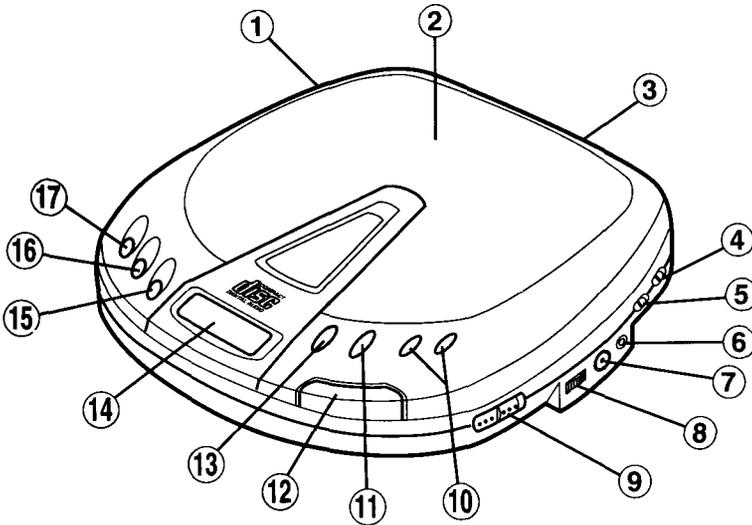
CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.
ADVARSEL - USYNLIG LASER STRÅLING VED ÅBNING, NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION, UNDGÅ UDSÆTTELSE FOR STRÅLING.
VARNING - OSYNLIG LASER STRÅLNING NÅR DENNA DEL ÅR ÖPPNAD OCH SPÄRR ÅR URKOPPLAD. STRÅLEN ÅR FARLIG.
VORSICHT - UNSICHTBARE LASERSTRAHLUNG TRIT AUS, WENN DECKEL GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT IST. NICHT, DEM STRAHL AUSSETZEN.
VARO - AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALLTIJINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.

PRECAUTIONS

- High volume levels can create potentially dangerous situations by drowning out surrounding sounds. Use caution when driving while operating the unit, and obey all applicable laws.
Do not play your headset at a high volume level. Hearing experts advise against continuous extended play.
If you experience a ringing in your ears, reduce the volume or discontinue use.
- Do not use while bicycling, running or operating a motorized vehicle.
- The rating label is located on the bottom of the unit.
- The apparatus shall not be exposed to dripping or splashing.
- Do not use where there are extremes of temperature (below 5°C or exceeding 35°C).
- Sudden changes in the ambient temperature may cause condensation to form on the optical lens inside the unit. If this happens, take out the disc, leave the unit for about 1 hour, and then proceed to operate.
- Do not insert pins, etc., inside the unit.
This unit is equipped with a safety device which automatically turns the laser beam off when the disc compartment is opened. If a pin or other metal object should get inside the unit, however, this safety device may be deactivated.

CONTROLS

1. External DC socket (EXT DC 6V)
2. Disc compartment
3. Battery compartment (bottom)
4. Continuous play switch (CONTINUOUS PLAY)
5. Hold switch (HOLD)
6. Line output socket (LINE OUT)
7. Headphones socket (PHONES)
8. Volume control (VOLUME)
9. Sound equalization system switch (S.E.S)
10. Fast backward/Fast forward buttons (⏮, ⏭)
11. Play/Pause button (▶/⏸)
12. Open button (OPEN)
13. Stop button (■)
14. Display
15. Anti-shock button (ANTI SHOCK)
16. Play mode button (P-MODE)
17. Programme set button (M-SET)

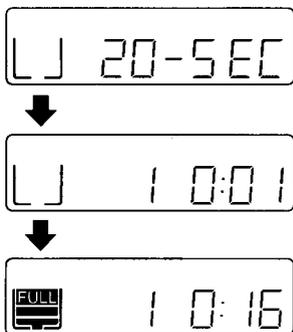


BEFORE OPERATION

Digital anti-shock function

This function uses a semiconductor memory to prevent the sound from skipping even when the unit is subjected to shocks and vibration during play.

When the ►/|| button is pressed first time, "20-SEC" appears on the display and the anti-shock function turns on. The data equivalent to approximately 20 seconds of music is stored in a "read-ahead" memory buffer before it is decoded and played. The display changes from "L J" to "■" that data has been stored.



- When the unit is subjected to a shock during play, and the pickup cannot read the data, the data stored in memory continues to be decoded and played. This gives the pickup time to stabilize and continue reading new data. At that time, the indication changes to "L J" or "L J".
Once the pickup returns to its original position, new data is stored in the memory, and the indication changes back to "■".
- If the unit is subjected to repeated shocks and all the data stored in the memory is used up, "L J" is displayed and the sound will skip.

Press the ANTI-SHOCK button to turn the anti-shock function off. "L J" disappears. Press the button again to turn it on.

- Keep the anti-shock function off when using the unit in a stable location where it will not receive shocks. The battery power consumption is less than when it is on.

Note:

When the anti-shock function is switched on or off, the sound will be interrupted for 1 ~ 2 seconds. This is normal.

Sound equalization system

Use the S.E.S switch to adjust the frequency response of the system to match the type of music you are listening to.

B: Provides a large bass boost.

A: Provides a smaller bass boost.

FLAT: Flat frequency response.

Auto power on function

The power turns on automatically when the ►/II button is pressed.

Auto power off function

The power turns off automatically when all tracks on a disc have been played or when the ■ button is pressed once to stop play. Also, the power turns off automatically in the following cases:

- After the P-MODE, ►►| or |◄◄ button is pressed if no other operation is performed
- When the disc compartment is opened
- If the ■ button is pressed twice during play
- If the ►/II, ►►| or |◄◄ button is not pressed for approximately 3 minutes after entering the pause mode

Back light function

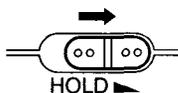
With the AC adaptor operation, the back light on the display turns on during playing. With the battery operation, the back light turns on for approximately 5 seconds when a function button (except the OPEN button) is pressed during playing.

Hold function

The HOLD switch disables the buttons from operating to prevent play from starting or stopping due to accidental operation. For normal use, leave the switch in the off position.

To prevent battery drain:

Set the HOLD switch to the on position when carrying the unit in a bag. The unit will not operate even if the buttons are pressed accidentally.



To prevent play from being interrupted:

Set the HOLD switch to the on position after starting play.

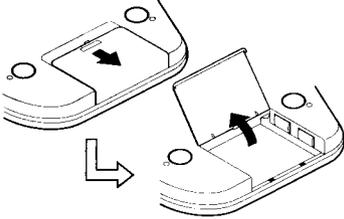
- In the hold mode, if any function button (except the OPEN button) is pressed "HoLd" appears on the display for approximately 1 second.
- The VOLUME control, S.E.S and CONTINUOUS PLAY switches will operate regardless of the HOLD switch position.

POWER SUPPLY

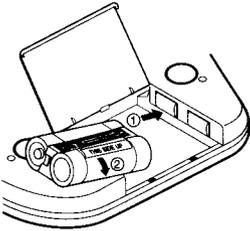
OPERATION WITH RECHARGEABLE NICKEL-CADMIUM BATTERY

Fully charge the rechargeable battery before using it for the first time.

1. Slide the battery compartment lid, then swing the battery compartment open.



2. Insert the rechargeable nickel-cadmium battery (SANYO NBP-50A). Be sure to observe the proper polarity (the + and - signs, as indicated inside the battery compartment).



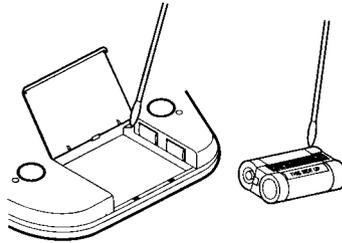
3. Close the lid.
4. Plug one end of the AC adaptor into the EXT DC 6V socket, then plug the other end into an AC outlet.
 - The battery is fully charged approximately 10 hours after the AC adaptor is connected.
5. When charging is completed, disconnect the AC adaptor.

Cautions on the AC Adaptor

- Use this unit only with the supplied AC adaptor. Use with other AC adaptors could damage the unit.
- If the AC adaptor is connected, the batteries are automatically disconnected.

Notes on the rechargeable battery

- Always keep the charging terminal clean.



- Only use the NBP-50A rechargeable battery. Under normal usage conditions, this battery can be recharged approximately 500 times.

If a different type of rechargeable battery is installed, it cannot be recharged.

- If the operating time decreases drastically even when the rechargeable battery is properly recharged, purchase a new NBP-50A.
- Do not charge continuously for 24 hours or more.
- Do not short-circuit the + and – terminals of the battery.
- Do not put batteries in water or fire.
- Do not disassemble batteries.

CONTAIN NICKEL-CADMIUM BATTERY. MUST BE RECYCLED OR DISPOSED OF PROPERLY.

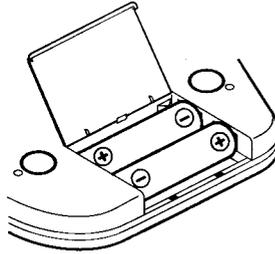
Battery recharging or replacement

If the rechargeable battery or alkaline batteries are weak and discharged, “” blinks on the display, then the power automatically turns off. If this occurs, recharge the rechargeable battery or replace the alkaline batteries.

- When you are not going to use the unit for one month or more, take the rechargeable battery or alkaline batteries out of the battery compartment.

ALKALINE BATTERY INSTALLATION

Insert two “AA” batteries (not supplied). Be sure to observe the proper polarity.



Notes on alkaline batteries

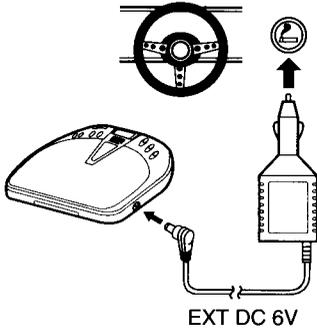
- When replacing the batteries, use two new batteries of the same type. Do not mix a used battery with a new one or mix different types of batteries.
- Never charge, heat, disassemble, or throw batteries into a fire.
- When the batteries have become discharged, they must be disposed of in a safe manner that complies with all applicable laws.

USING THE CIGARETTE LIGHTER ADAPTOR

- The supplied cigarette lighter adaptor is designed for use with vehicles that have a 12V, negative ground electrical system.
- Most vehicles have this type of electrical system, but if you are unsure about the type your vehicle has, contact the vehicle dealer.

CIGARETTE LIGHTER ADAPTOR

Plug one end of the cigarette lighter adaptor into the EXT DC 6V socket, then plug the other end into the cigarette lighter socket.



Caution on the cigarette lighter adaptor

- Use this unit only with the supplied cigarette lighter adaptor. Use with other cigarette lighter adaptors could damage the unit.
- When the inside of the cigarette lighter socket is dirty with ashes or dust, the plug section may become hot due to poor contact. Be sure to clean the cigarette lighter socket before use.
- After use, disconnect the cigarette lighter adaptor plugs from both this unit and the cigarette lighter socket.
- The cigarette lighter adaptor may cause interference with reception from the car radio or another radio inside the vehicle. If this is the case, disconnect the cigarette lighter socket, or use the radio at a distance from the cigarette lighter adaptor.

HANDLING COMPACT DISCS

Use compact discs bearing the symbol shown below. In addition to conventional 12 cm CDs, this unit can be used to play 8 cm CDs without an adaptor.

Place only one disc at a time in the CD compartment.



- Do not expose the disc to direct sunlight, high humidity or high temperatures for extended periods of time.
- Discs should be returned to their cases after use.
- Do not apply paper or write anything on

the disc surface.

- Handle the disc by its edge. Do not touch the playing surface (glossy side).
 - Fingerprints and dust should be carefully wiped off the playing surface of the disc with a soft cloth.
- Wipe in a straight motion from the centre to the outside of the disc.
- Never use chemicals such as record cleaning sprays, antistatic sprays or fluids, benzene or thinner to clean compact discs.

The unit will not play a disc that has been inserted upside down, or discs which do not conform to the Compact Disc standard.

If the operating buttons do not function when pressed ...

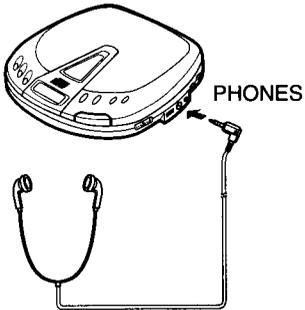
1. Check whether the HOLD switch is on or not.
2. Remove the batteries and/or disconnect the AC adaptor from the unit. Wait a few seconds, then reinstall the batteries or reconnect the AC adaptor.
3. If the buttons still do not function, insert new batteries or charge the rechargeable battery.

PLAYING A DISC

- Be sure to reduce the volume before connecting or disconnecting the headphones.
- Be sure to leave the HOLD switch in the off position.

BASIC CD PLAY

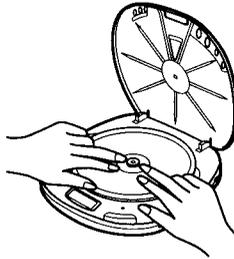
1. Connect the headphones to the PHONES socket.



2. Press the OPEN button to open the disc compartment lid.



3. Hold the disc with the labeled side up and press it onto the spindle until it "clicks" into place.



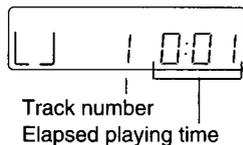
WARNING!

Do not insert your fingers into the opened panel. You may damage the unit or cause personal injury.

Do not allow young children to operate the unit unattended.

4. Close the disc compartment lid.

5. Press the ►/|| button to begin play.



- The track number and elapsed playing time for the current track are displayed.
6. Adjust the VOLUME control as desired.
7. Set the following functions according to the usage conditions.
- Sound equalization system
 - Digital anti-shock function
 - Hold function
8. To stop play temporarily, press the ►/|| button. The elapsed playing time blinks. Press the ►/|| button again to resume.
9. To stop play, press the ■ button once. The total number of tracks and total playing time appears.
- To turn the power off, press the ■ button once again.

SKIP PLAY

To skip to track 6 while track 3 is playing, press the ►► button repeatedly until "6" appears on the display.

To skip back to track 3 while track 6 is playing, press the ◀◀ button repeatedly until "3" appears.

SEARCH (forward/reverse)

If the ►► or ◀◀ button is pressed during play, the player will search at high speed in the forward or reverse direction while the button is being pressed. When the button is released, normal play will continue.

You can change the disc without any music interruption at the ending of the track currently playing.

1. Set the CONTINUOUS PLAY switch to ON during play.



Notes:

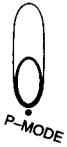
- When the ►/|| button is pressed first time, the anti-shock function is On. If the anti-shock function is Off, press the ANTI-SHOCK button.
- When the playing time of each track remains approximately 20 seconds, the display blinks.

2. Replace another disc while the display is blinking.
3. Once the disc is replaced, the disc will begin to spin after closing the disc compartment. When the previous disc has finished the performance, the replaced disc will start to perform.
4. For normal play, set the CONTINUOUS PLAY switch to OFF.

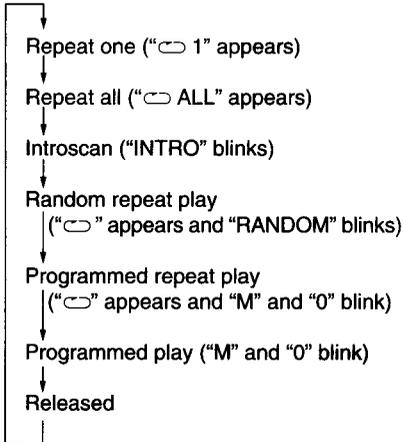
- Only valid at normal play mode with anti-shock on.

SELECTING VARIOUS PLAYING MODE

Press the P-MODE button repeatedly during play to select a various play mode available.



Each time the button is pressed, the mode changes as shown below:



Once the desired play mode is displayed, press the ►/|| button to begin play in that mode.

PROGRAMMED PLAY

Up to 22 tracks on a disc can be programmed for play in any order.

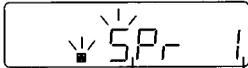
Example:

To programme tracks 5 and 3

1. Press the P-MODE button six times during play.

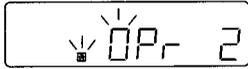


2. Press the ►► or ◀◀ button to select track 5.

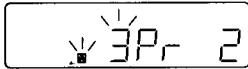


Track number
Programme number

3. Press the M-SET button.



4. Press the ►► or ◀◀ button to select track 3.



5. Press the M-SET button.



6. To check the programme contents after all tracks have been programmed, press the M-SET button.

The programmed details sequentially appear on the display.

7. Press the ►/|| button to start programmed play.

- Programmed play automatically begins if you programme 22 tracks.



After all programmed tracks have been played, the unit stops automatically.

- The programme contents are retained in memory. To play the same programme again, press the P-MODE button to display "M", then press the ►/|| button.

CHANGING A PROGRAMME

First, press the P-MODE button during play to display "M". The track number and "M" blink on the display.

To change a track

1. Press the M-SET button to display the track number to be replaced.
2. Press the ►► or ◀◀ button to select the new track number.
3. Press the M-SET button.

To add a programme

1. Press the M-SET button to display the last programme (track number "0").
2. Press the ►► or ◀◀ button to select a track number.
3. Press the M-SET button.

To delete the selected programme onward

1. Press the M-SET button to display the programme number to be deleted.
2. Press the ►► or ◀◀ button to set the track number display to "0".
3. Press the M-SET button to delete the selected programme and the following programmes. The first programme appears.

Note:

- The programmes will be lost, when the disc compartment is opened.
- Programmed details cannot be partially deleted or inserted.

Normal play without erasing the programme

1. Press the P-MODE button during programmed play. When "M" disappears, normal play resumes.
2. To return to programmed play, press the P-MODE button to display "M", then press the ►/|| button.

INTROSCAN/REPEAT PLAY

INTROSCAN

1. Press the P-MODE button three times during play. "INTRO" blinks on the display.
2. Press the ►/|| button. "INTRO" remains lit. The first 10 seconds of each track on a disc are played from the first track.
3. When the desired track is playing, press the ►/|| button again. Normal play continues.

REPEAT PLAY

Single track repeat

Press the P-MODE button once during play.
"◁ 1" appears on the display.

All tracks repeat

Press the P-MODE button twice during play
"◁ ALL" appears on the display.

Random repeat

1. Press the P-MODE button four times during play.
"◁" appears and "RANDOM" blinks on the display.
2. Press the ►/|| button.
"◁ RANDOM" remains lit.
All tracks on the disc are played repeatedly in random order.

Programmed repeat

1. Press the P-MODE button five times during play. "◁" appears, and "0" and "M" blink on the display.
2. Follow steps 2 ~ 6 under "PROGRAMMED PLAY".

USING THE CAR CASSETTE ADAPTOR

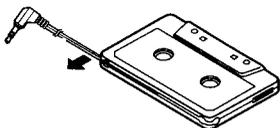
BEFORE USE

Check the cassette tape insert slot of your car stereo. If necessary, change the direction of the cord on the cassette-shaped pack of the adaptor. The cord should exit from the side or back of the pack depending on your car stereo configuration.

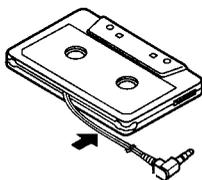
- There may be some car stereo types with which this car cassette adaptor will not work properly.

To change the cord direction

1. Gently pull the cord out of the slot on the back as shown.

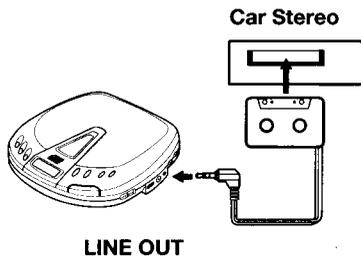
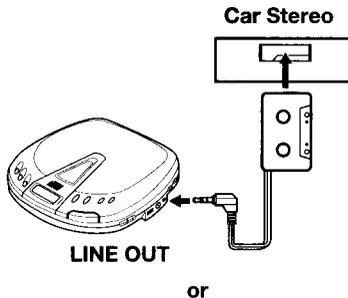


2. Change the cord exit location (back or either side of the pack). Push the cord back into the slot.



USING IN A CAR

1. Plug the cord into the LINE OUT socket.
2. Insert the pack with " THIS SIDE UP/HAUT " side up into the tape slot of the car stereo.



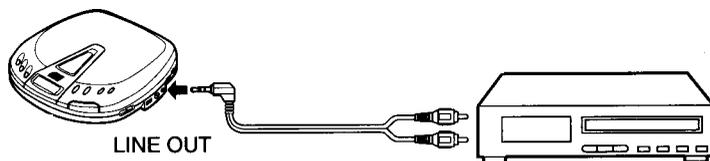
RECORDING FROM THE LINE OUT SOCKET

To record from the CD player

Connect the patch cable from the LINE OUT socket on the unit to the LINE INPUT sockets on a cassette recorder.

To hear through a pair of speakers

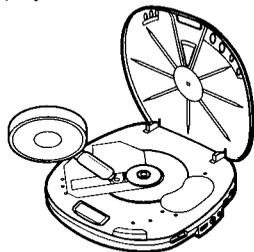
Connect the patch cable from the LINE OUT socket on the unit to the AUX or CD INPUT sockets on a stereo system.



CLEANING

Cleaning the pickup lens

Dust on the pickup lens can lead to erratic operation and interruption of the sound during play.



- To clean the pickup lens, open the disc compartment lid. Blow the dust off of the lens using a camera lens blower (available at most camera stores).
- Do not touch the surface of the lens.

Cleaning the cabinet

Use a soft cloth moistened with plain lukewarm water and wrung dry.

Never use benzol, benzene or other strong chemical cleaners, since these could damage the finish. It is important that no liquid reaches the inside of the unit

SPECIFICATIONS

Channels:	2 channels
S/N ratio:	60 dB
Wow and flutter:	undetectable
Sampling frequency:	44.1 kHz
Pickup light source:	Semiconductor laser
Pickup wave length:	790 nm
Laser output:	0.5 mW (continuous wave max.)
Terminal impedance:	PHONES: 16 - 32 ohms LINE OUT: 47 kohms
Power source:	AC: 230 - 240 V, 50 Hz DC: 3 V (Ni-Cd battery NBP-50A or AA x 2)
Dimensions:	132.5 x 30 x 152.5 mm (W x H x D)
Weight:	Approx. 235 g without batteries

Specifications subject to change without notice.

1AD6P1P06461K
(AU)

SANYO

SANYO Electric Co., Ltd.
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