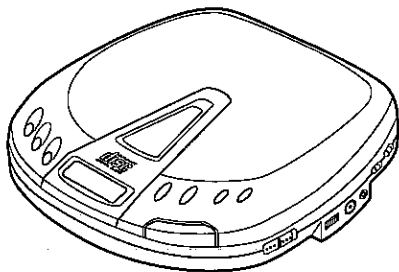


SANYO

INSTRUCTION MANUAL

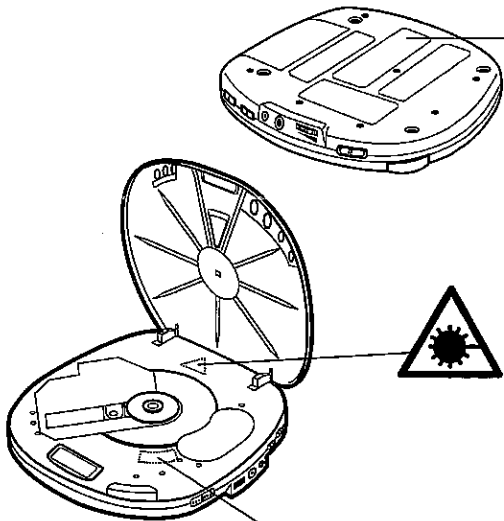
CDP-900

Portable Compact Disc Player



PRECAUTIONS

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT



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 STRÅLING NÅR DENNA DEL ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD. STRÅLEN ÄR FARLIG.

VORSICHT - UNSICHTBARE LASERSTRAHLUNG TRITT AUS, WENN DECKEL GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT IST. NICHT, DEM STRAHL AUSSETZEN.

VARO - AVATTAESSA JA SUOJALUKTUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.

CAUTION – USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED IN THE OPERATING INSTRUCTIONS MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. THE COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED PERSONNEL.

- 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 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.
- The rating label is located on the bottom of the unit.

IMPORTANT NOTE:

Before connecting the AC adaptor, be sure the **VOLTAGE SELECTOR** setting corresponds with your local voltage as shown in figure.

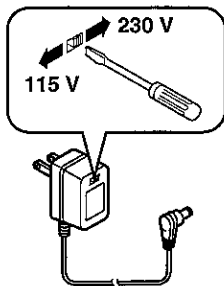
AC adaptor

Model No.: 6CV-230SS2

Input: AC 115/230 V, 50/60 Hz

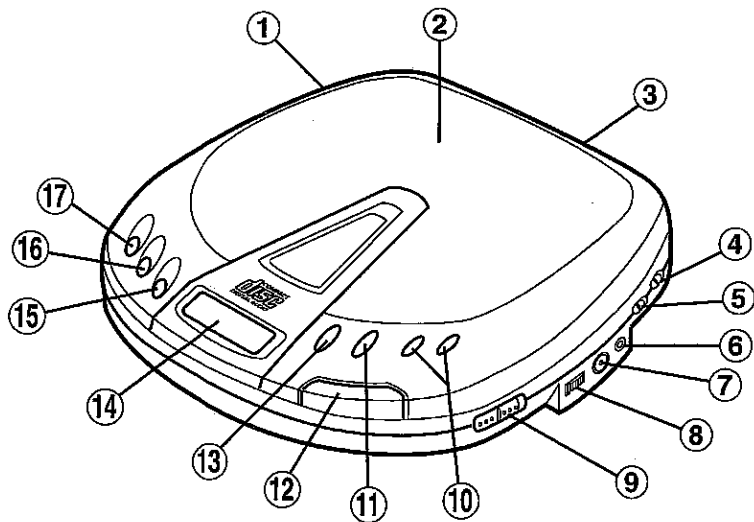
Output: DC 6 V, 400 mA

Polarity: Centre positive



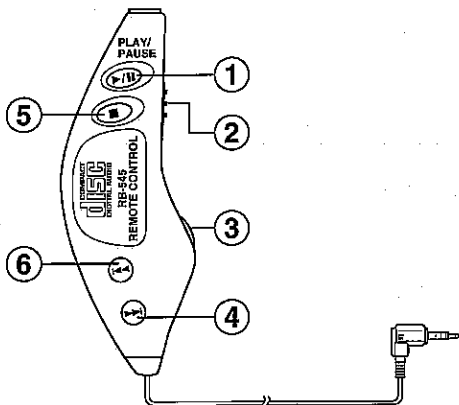
CONTROLS

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)



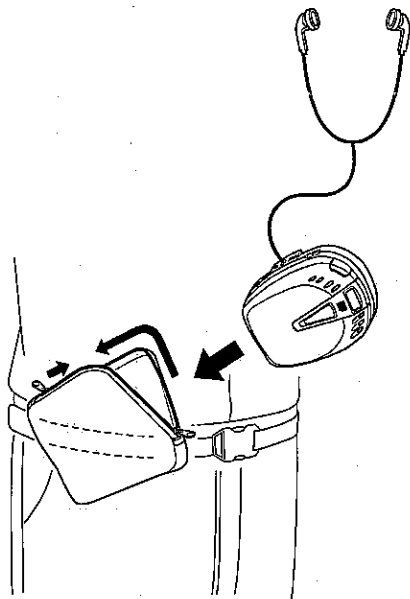
The buttons on the remote control function in the same way as the corresponding buttons on the unit.

1. Play/Pause button (▶/⏸)
2. Hold switch (HOLD)
3. Volume control (VOL)
4. Fast forward button (▶▶)
5. Stop button (■)
6. Fast backward button (◀◀)



- 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.

Inserting the unit into the carrying case

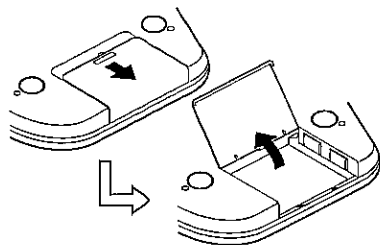


POWER SUPPLY

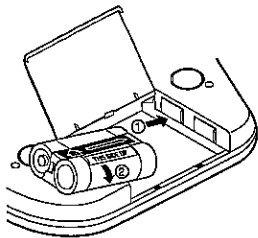
OPERATION WITH RECHARGEABLE NICKEL-CADMIUM BATTERY

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.

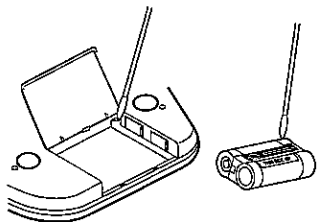
5. When charging is completed, disconnect the AC adaptor.

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.

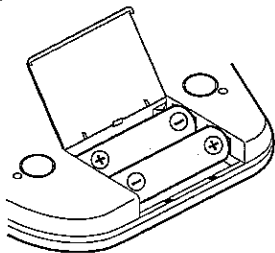
Battery recharging or replacement

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/SUM-3/R6" 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.

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.

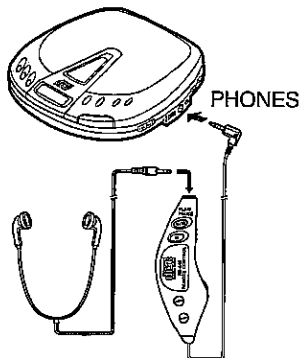
If the operating buttons do not function when pressed ...

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

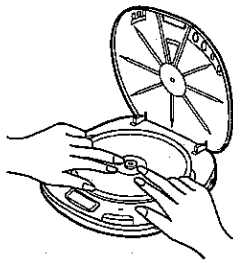
- Be sure to reduce the volume before connecting or disconnecting the headphones.
- Be sure to leave the HOLD switch in the off position.

1. Connect the remote control and headphones, then plug the cord from the remote control into 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!

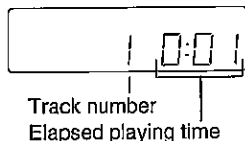
Do not insert your fingers into the opened panel. You may damage the unit or cause personal injury.

Do not allow young children to operate the unit unattended.

4. Close the disc compartment lid.

- When the ►►|◄◄ or P-MODE button is pressed, " - " blinks on the display and the disc will begin to spin, the display will indicate the total number of tracks and total playing time on the disc, then the display will go out.

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



- The track number and elapsed playing time for the current track are displayed.
- To start play from the desired track, press the ►► or ◀◀ button repeatedly to select the track, then press the ►/|| button.
6. Adjust the VOLUME control as desired.
- Set the VOLUME control on the unit to approximately the centre, then use the VOL control on the remote control to adjust the volume to the desired level.
 - No sound will be produced if the VOLUME control on the unit or the VOL control on the remote control is set to the minimum position.
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. "00" 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.

CONTINUOUS PLAY

This function enables you to change another disc while the last track on the disc is still playing the remaining 40 seconds without any music interruption.

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



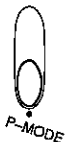
2. Press the ANTI SHOCK button to turn on the digital anti-shock function.
3. Replace another disc while the back light on the display blinks and beeps occur during play, or within 40 seconds after the previous disc had finished the performance.

4. Once the disc is replaced, the disc will begin to spin after closing the disc compartment. When the previous disc had finished the performance, the replaced disc will start to perform.
5. For normal play, set the CONTINUOUS PLAY switch to OFF.

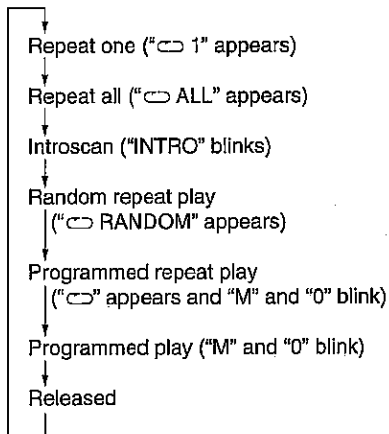
- Only valid at normal play mode with anti-shock on.
- When the playing time of last track remains approximately 40 seconds, the back light on the display will blink and beep thrice.
- When the playing time reaches approximately the last 20 seconds, the back light on the display will blink and beep once only.

SELECTING VARIOUS PLAYING MODE

Press the P-MODE button repeatedly 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.

When the P-MODE button is pressed in the stop mode or after the power turns off:

First, "-" blinks, then the total number of tracks and total playing time on the disc appear on the display.

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

Note:

- The power will turn off automatically if a function button is not pressed within 10 seconds after the unit enters the stop mode.
- When selecting a play mode that requires more than one button to be pressed, press the second button within 10 seconds after pressing the first.

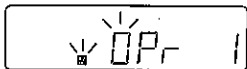
PROGRAMMED PLAY

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

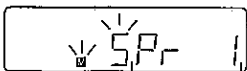
Example:

To programme tracks 5 and 3

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

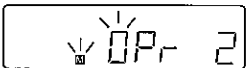


2. Press the ►| or |◄ button to select track 5.

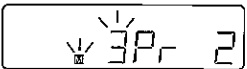


Track number |
Programme number

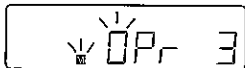
3. Press the M-SET button.



4. Press the ►| or |◄ button to select track 3.



5. Press the M-SET button.

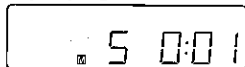


6. To check the programme contents after all tracks have been programmed, press the M-SET button.

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 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

Press the P-MODE button four times during play. "RANDOM" appears on the display. All tracks on the disc are played repeatedly in random order.

Programmed repeat

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

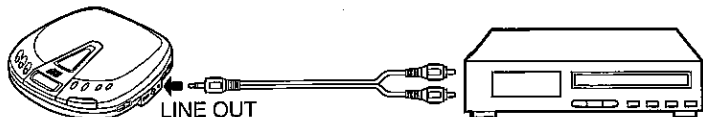
RECORDING FROM THE LINE OUT SOCKET

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 heard through a pair of speakers

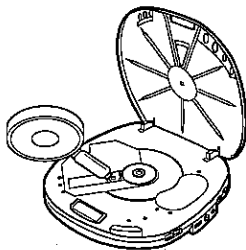
Connect the patch cable from the LINE OUT socket on the unit to the AUX or CD INPUT sockets on a stereo system.



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 luke-warm 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 impedence:	PHONES: 16 - 32 ohms LINE OUT: 47 kohms
Power source:	AC Adaptor: AC 115/230 V, 50/60 Hz DC: 3 V (Ni-Cd battery NBP-50A or AA/SUM-3/R6 x 2)
Dimensions:	132.5 x 30 x 152.5 mm (W x H x D)
Weight:	Approx. 235 g without batteries
Accessories:	AC adaptor x 1, Plug adaptor x 1, Headphones x 1, Patch cable x 1, Ni-Cd battery x 1, Remote control x 1, Carrying case x 1

Specifications subject to change without notice.

The SANYO logo consists of the word "SANYO" in a bold, sans-serif font. The letter "A" is stylized with vertical lines through it, and the "Y" also has vertical lines through it.

SANYO Electric Co., Ltd.
OSAKA, JAPAN

(SS) 1AD6P1P0646-X