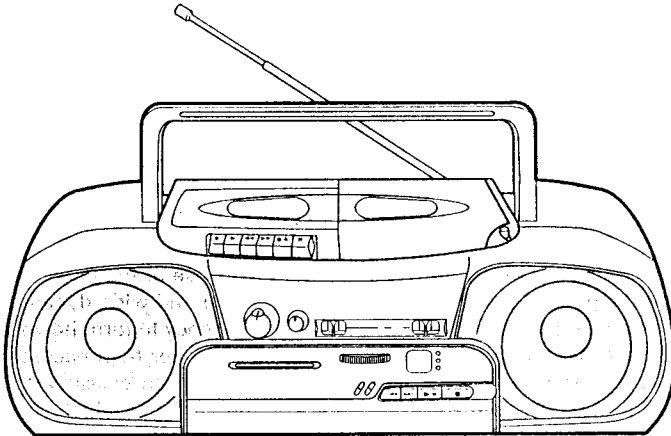


SANYO

INSTRUCTION MANUAL

MCD-Z7F

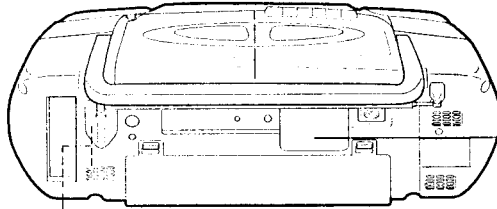
CD Portable FM Stereo/AM Radio
Cassette Recorder



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.



CAUTION: INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO HEAD.

ADVARSEL - USYNLIG LASER STRÅLING VED ÅBNING, NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSÆTTELSE FOR STRÅLING.

VARNING - OSYNLIG LASER STRÅLNING NÄR DENNA DEL ÄR ÖPPNAD OCH SÄKRAR ÄR UTKOPPLAD. STRÅLEN ÄR FARLIG.

VOHSICHT - UNSICHTBARE LASERSTRÄHLUNG TRITTF AUS, WENN DECKEL GEÖFFNET UND WENN SICHERHEITSVERRIEGELUNG ÜBERBRÜCKT IST. NICHT, DEM STRAHL AUSSETZEN.

VARO! Avattaessa ja suojalukitus ohitettaessa olet alttina näkymättömälle laser säteilylle. Älä katso silmieseen.



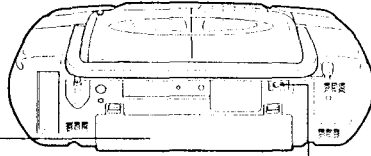
CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

FOR SAFE AND EFFICIENT OPERATION

- The apparatus shall not be exposed to dripping or splashing.
- Do not damage the mains lead.
- When not in use, disconnect the mains lead from the outlet. Grasp the plug, not the lead, when disconnecting the unit.
- If water should enter the unit, electrical shock or a malfunction may result. Use in an area where there is low humidity and little dust.
- Do not disassemble or alter the unit in any way.
- Do not use the unit in areas where extremes in temperature occur (below 5°C or exceeding 35°C), or where it may be exposed to direct sunlight.
- Because of the CD player's extremely low noise and wide dynamic range, there is a tendency to turn the volume on the amplifier higher than necessary. Doing so may produce an excessively high output from the amplifier which can cause damage to your speakers. Please be careful in this regard.
- Sudden changes in the surrounding temperature can cause dew to form on the optical pickup lens inside the unit. Under this condition the unit may be unable to operate properly. If this should occur, remove the disc and allow the player to adjust to the surrounding temperature.

Do not install this equipment in a confined space, such as a book case or built in cabinet.

POWER SUPPLY

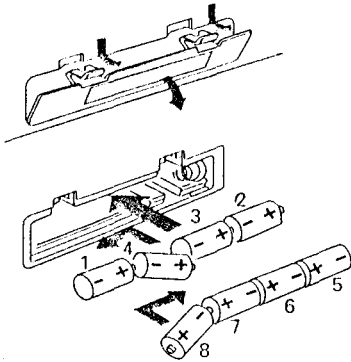


Battery power operation

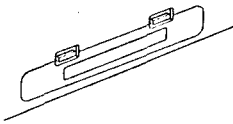
AC power operation

Install batteries.
Observe + and - signs.

Take out the cord and connect it.

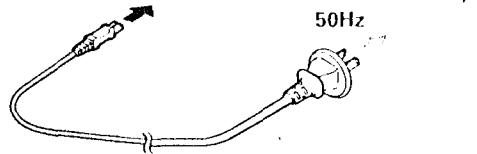


8 "D" size batteries



Replace lid.

AC INPUT



AC 230 ~ 240V,
50Hz

NOTE:

- When the mains lead is connected to the unit, the installed batteries will be automatically disconnected.
- The FUNCTION switch is mounted on the secondary side. The unit is not disconnected from mains, even switched off.

CAUTION:

WHEN INSTALLING THE BATTERIES

To prevent leakage from the batteries, which is corrosive and can cause personal injury and damage to the unit, observe the following precautions:

1. The batteries must be installed correctly. Match the polarities (+ and - signs) on the batteries, to the polarities shown on the back of the unit.
2. Do not mix new batteries with old or used batteries.
3. Only use batteries of the same type and brand.

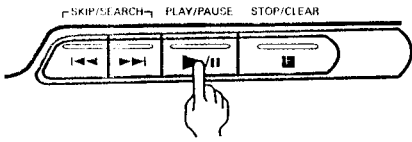
4. If the unit will not be used for an extended period of time, remove the batteries and store them in a cool place.
5. Carefully follow the battery manufacturer's instructions for proper use and disposal.
6. **DO NOT ALLOW YOUNG CHILDREN TO HANDLE BATTERIES.**

NOTE:

When the batteries have become discharged, they must be disposed of in a safe manner which complies with all applicable laws.

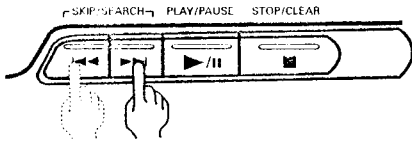
COMPACT DISC OPERATION

PAUSE MODE



1. Press the PLAY/PAUSE button to temporarily stop play. The CD PLAY indicator will flash.
2. Press it again to continue. The CD PLAY indicator will stop flashing.

TRACK SEARCH



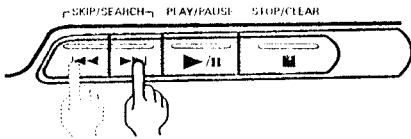
Press and hold down during playback

1. In the play mode, press and hold the \lll or \ggg SKIP/SEARCH button to lower the volume level and advance or return to any part of the disc. The TRACK NO. will flash.
2. Release the \lll or \ggg SKIP/SEARCH button to return the volume level to normal and resume play.

NOTE:

If the \lll or \ggg SKIP/SEARCH button is pressed during the PAUSE mode, no sound will be heard, and the PAUSE mode will continue when the button is released.

TRACK SKIP



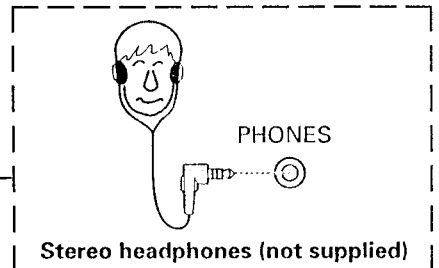
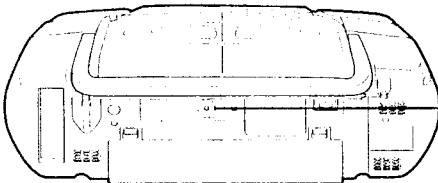
Press and release repeatedly

1. Press and release the \lll or \ggg SKIP/SEARCH button during play to advance or return to the beginning of any track on the disc.
2. The TRACK NO. will show the number of the selected track. Play will continue from the beginning of the new track.

NOTE:

If the \lll or \ggg SKIP/SEARCH button is pressed while the unit is in the PAUSE mode, the unit will remain in the PAUSE mode when the button is released.

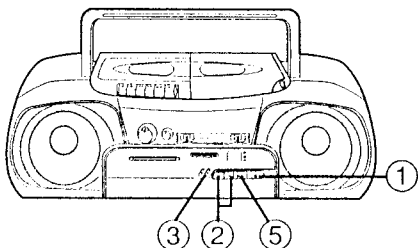
Using Headphones



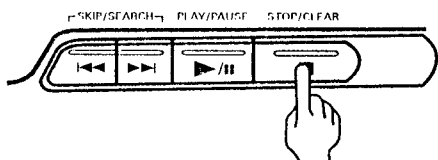
PROGRAMMED PLAY

With programmed play, up to 16 tracks on a disc can be memorized and played in any order.

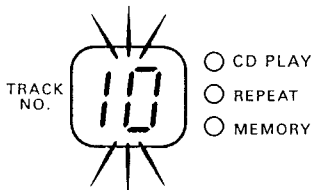
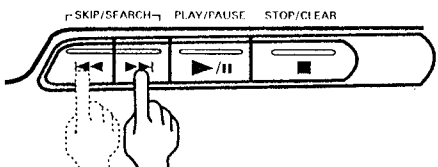
TO PROGRAM



① Press STOP/CLEAR.



② Press <|<< or >>>|.



- The selected track number flashes.

③ Press MEMORY.

REPEAT MEMORY



- The MEMORY indicator will light on the unit.

④ Repeat 2 and 3 to memorize additional tracks.

Checking the program

Press MEMORY.

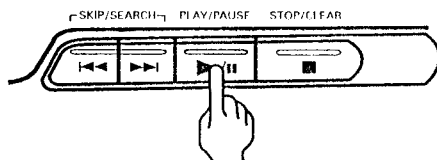
REPEAT MEMORY



To view the memorized track numbers, in the order they were entered.

TO BEGIN PROGRAM PLAY

⑤ Press PLAY/PAUSE.

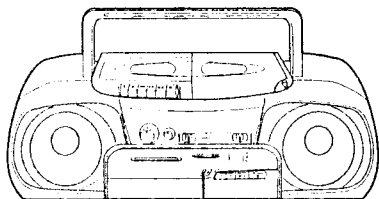


Programmed play will begin.

- To cancel programmed play, press STOP/CLEAR twice.
The MEMORY indicator will go off.

COMPACT DISC OPERATION

REPEAT PLAY



REPEAT

Press REPEAT before or during play (or programmed play).

REPEAT MEMORY



To cancel repeat play

Press REPEAT again.

REPEAT MEMORY



- The REPEAT indicator will go off.

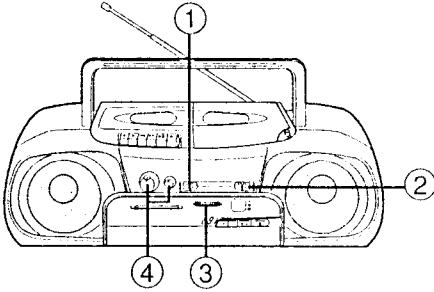
TRACK
NO.



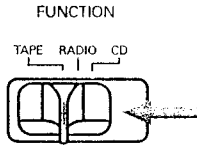
○ CD PLAY
● REPEAT
○ MEMORY

- The REPEAT indicator will light on the unit.

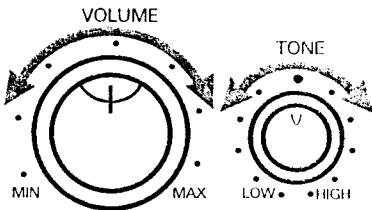
RADIO OPERATION



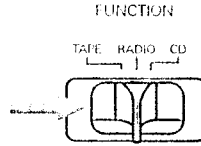
To off (TAPE).



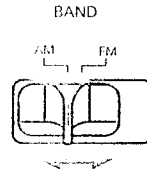
④ To adjust the sound.



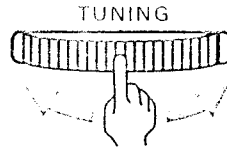
① To RADIO.



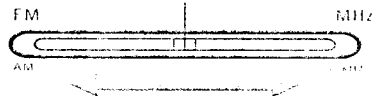
② To AM or FM.



③ Tune in a station.



Dial pointer

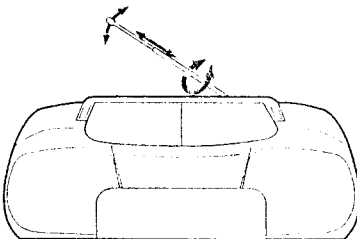


NOTE:

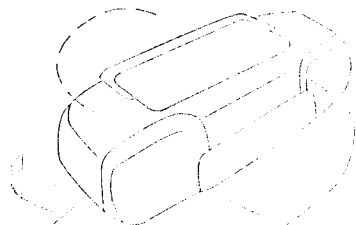
The unit will automatically switch to stereo when an FM stereo broadcast is received.

To improve reception

FM - Extend and change position.

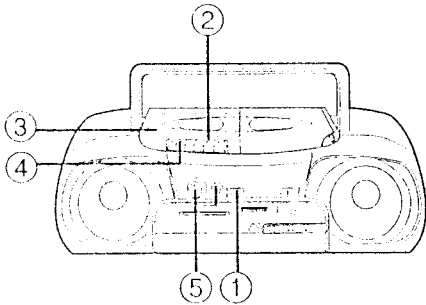


AM - Rotate unit.

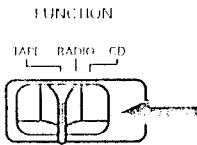


CASSETTE TAPE OPERATION

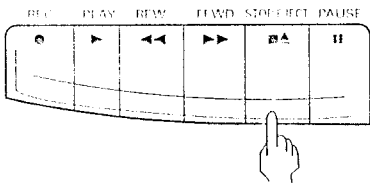
CASSETTE PLAYBACK



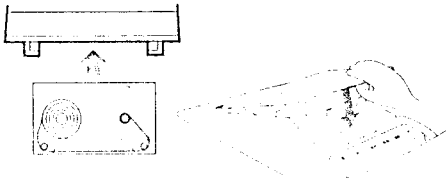
① To TAPE.



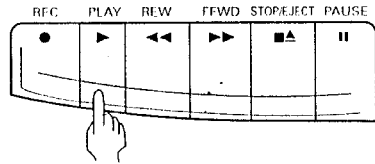
② Press STOP/EJECT.



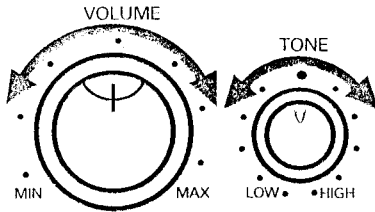
③ Insert cassette. Close the cassette lid.



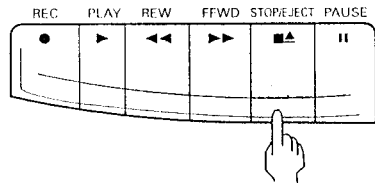
④ Press PLAY.



⑤ To adjust the sound.



Press STOP/EJECT.



Press STOP/EJECT once to stop the tape.
Press again to remove the cassette.

Full automatic stop

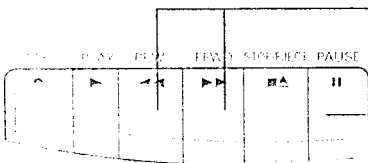
This unit has a full-release stop system to protect the tape and prevent pinch roller damage. When the end of the tape is reached in Playback, Recording, Fast forward or Rewind, the tape mechanism will automatically stop.

REWIND/FAST FORWARD MODE

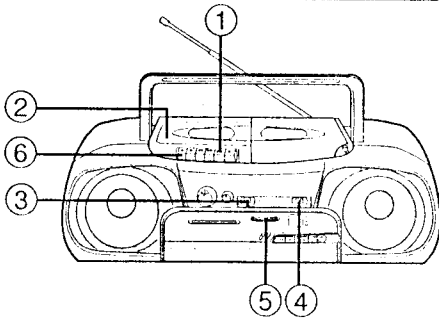
1. Press to wind the cassette backward or forward.

PAUSE MODE

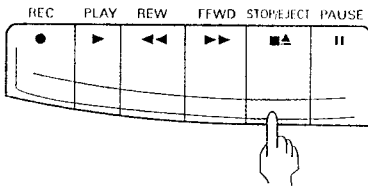
1. Press the PAUSE button to temporarily stop play during play or record mode.
2. Press it again to continue.



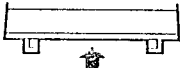
RECORDING (RADIO)



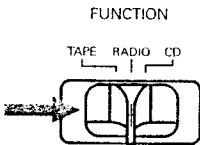
① Press STOP/EJECT.



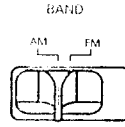
② Insert cassette. Close the cassette lid.



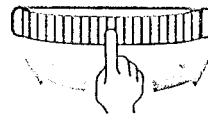
③ To RADIO.



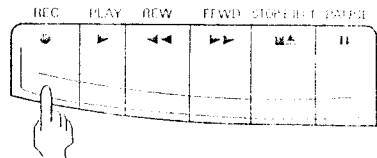
④ To AM or FM.



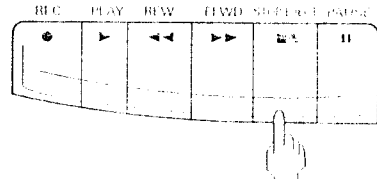
⑤ Tune in a station.



⑥ Press REC.



Press STOP/EJECT.



Press STOP/EJECT once to stop the tape.
Press again to remove the cassette.

Automatic Level Control (ALC) recording

The ALC circuit adjusts the recording input level automatically. No adjustments are required.

Safeguards against accidental erasure

To protect side A, break out tab (1). To protect side B, break out tab (2).

NOTE:

A cassette with the erase guard tabs removed cannot be erased or used for recording and the REC button cannot be depressed. To record or erase a protected cassette, cover the tab openings with adhesive tape (3).

SPECIFICATIONS

(CASSETTE SECTION)

Recording system:
AC bias, 4-track stereo

Erasing system:
Magnet erase

Tape speed:
4.75 cm/sec.

Fast forward and rewind time:
120 sec. (C-60 tape)

Frequency response:
80 ~ 12,000 Hz (Normal tape)

(CD SECTION)

Channels:
2 channels

S/N ratio:
70 dB

Wow & Flutter:
undetectable

Sampling frequency:
44.1 kHz

Quantization:
16 bits linear/ch

Pick up light source:
Semi-conductor laser

Pick up wave length:
790 nm

Laser output:
Continuous wave max. 0.6 mW

(RADIO SECTION)

Tuning ranges:
AM: 525 ~ 1,710 kHz
FM: 88 ~ 108 MHz

Aerials:
Built-in ferrite bar and telescopic aerials

(GENERAL)

Output power:
4.0 W x 2 (DC max.)

Speaker:
12 cm x 2, 4 ohms

Terminal impedance:
PHONES: 32 ohms

Power source:
AC: 230 ~ 240 V, 50 Hz
DC: 12 V (8 "D" size batteries)

Dimensions:
556 x 170 x 220 mm (W x H x D)

Weight (approx.):
4.1 kg including batteries

Specifications subject to change without notice.

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(A1)

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SANYO

SANYO Electric Co., Ltd.
Printed in Thailand