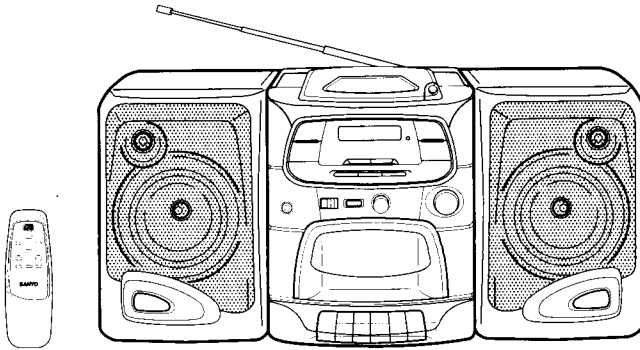


SANYO

INSTRUCTION MANUAL

MCD-S735F

CD Radio Cassette Recorder



ENGLISH

1-17

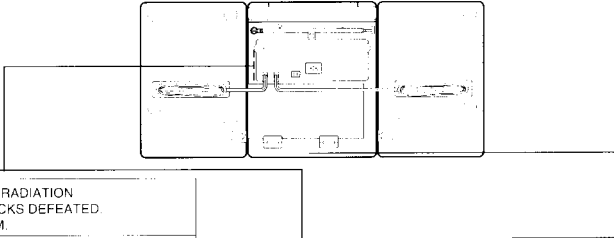
ESPAÑOL

18-34

CAUTION

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

THIS UNIT SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY 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 ÄR ÖPPNAD OCH SPÄRR ÄR URKOPPLAD.
STRÅLEN ÄR FARLIG.

VORSICHT-UNSICHTBARE LASERSTRÄHLUNG TRITTT
AUS.

WENN DECKEL GEÖFFNET UND WENN
SICHERHEITSVERRIEGELUNG
ÜBERBRÜCKT IST, NICHT, DEM STRAHL AUSSETZEN.

VARO!-Avattaessa ja suojauslaitos ohitettaessa olet alittiina
näkyvättömiä lasersäteilylle. Älä katso sateeseen.



CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

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

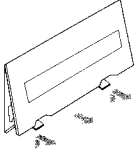
FOR SAFE AND EFFICIENT OPERATION

- 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.
- This unit must be operated in a horizontal position.
- The apparatus shall not be exposed to dripping or splashing.
- Do not install this equipment in a confined space, such as a book case or built-in cabinet.

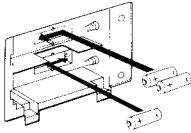
POWER SUPPLY

Battery power operation

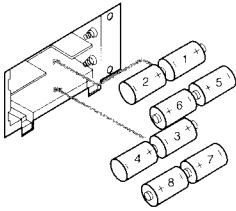
Install batteries.
Observe + and - signs.



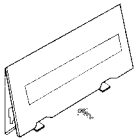
Memory back-up.



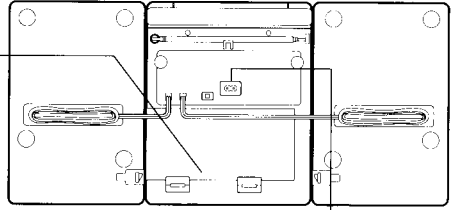
3 "AA" size batteries
(not supplied)



8 "D" size batteries
(not supplied)



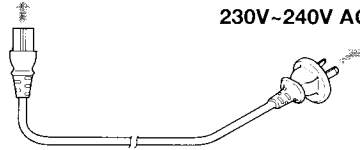
Replace lid.



AC power operation

Take out the cord and
connect it.

AC INPUT



230V~240V AC, 50Hz

NOTES:

- 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:

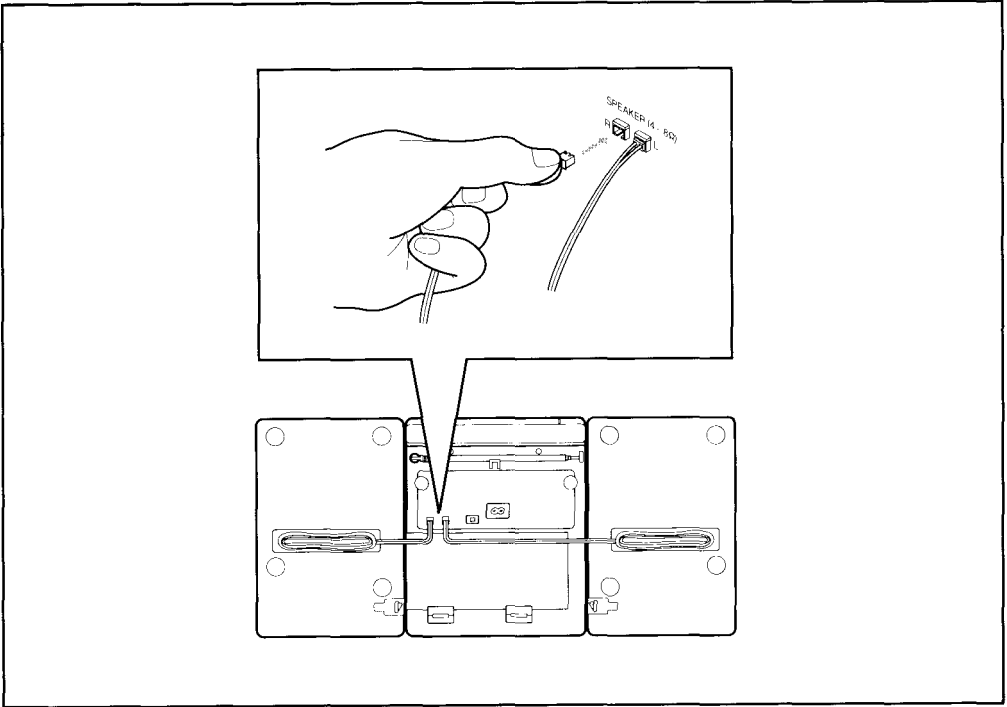
1. The batteries must be installed correctly. Match the polarities (+ and - signs) on the batteries, to the polarities shown on the back of the unit.
2. Do not mix new batteries with old or used batteries.
3. Only use batteries of the same type and brand.

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.**

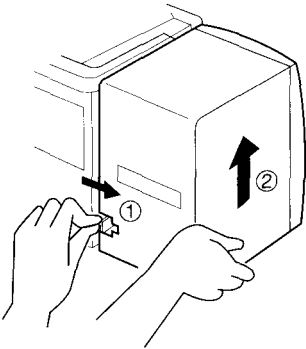
NOTE:

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

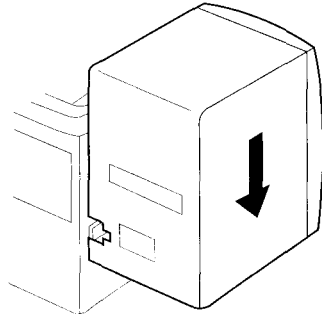
SPEAKER SYSTEM CONNECTIONS



To detach the speaker enclosures



To attach the speaker enclosures

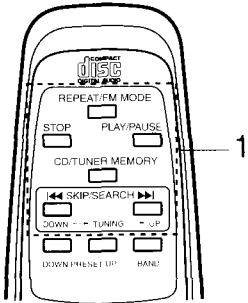


REMOTE CONTROL

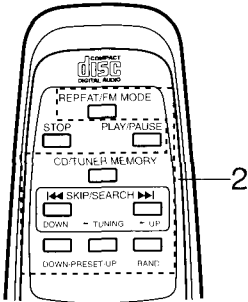
NOTE:

The buttons on the remote control perform similar functions to similarly marked buttons on the front panel of the unit.

Controls

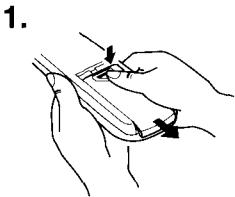


1. CD player controls
REPEAT/FM MODE: Repeat/Introscan select button
STOP : Stop button
PLAY/PAUSE : Play/Pause button
CD/TUNER MEMORY: CD memory button
◀◀ SKIP/SEARCH ▶▶: Skip/Search buttons

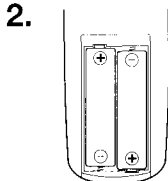


2. Tuner controls
REPEAT/FM MODE: FM mode select button
CD/TUNER MEMORY: Tuner memory button
DOWN-TUNING-UP: Tuning buttons
DOWN-PRESET-UP: Preset tuning buttons
BAND: Band select button

Inserting batteries



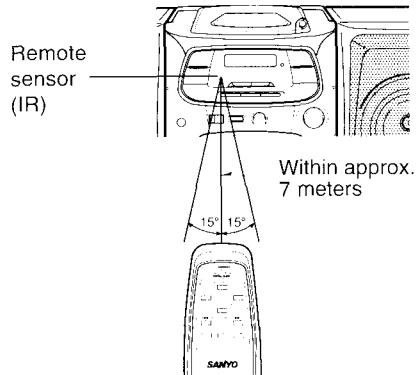
1.



2.

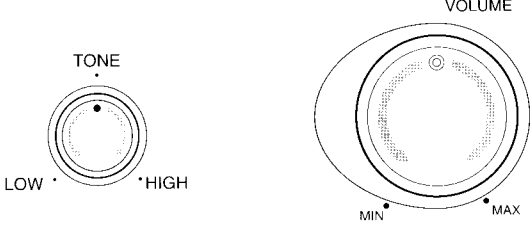
Two "AA" batteries
(not supplied)

Remote control range



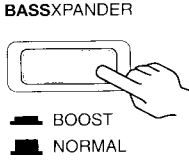
GENERAL OPERATION

To control the sound

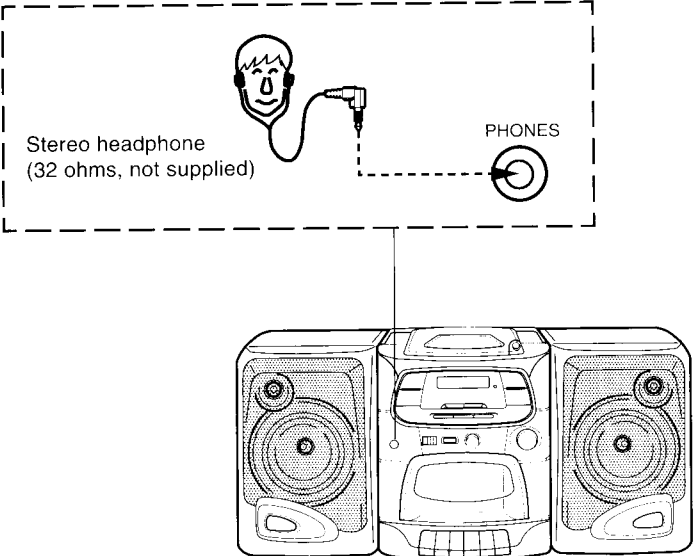


BASSXPANDER switch

BOOST: (Button In) - Increases the bass output level.
NORMAL: (Button Out) - For normal bass output level.

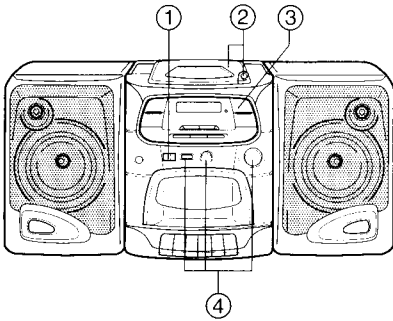


Using headphones

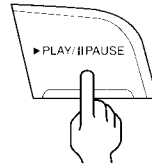


COMPACT DISC OPERATION

CD PLAY

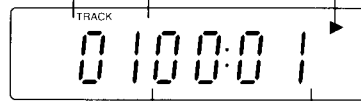


③ Press [PLAY/PAUSE].



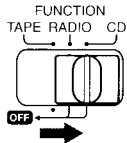
The current track number

The playback indicator

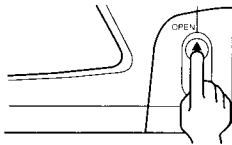


Elapsed time for the current track

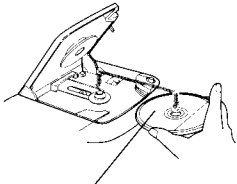
① To CD.



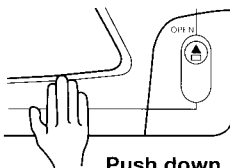
②



Push down.

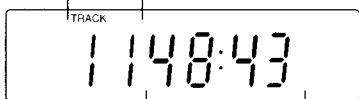


Label facing up



Push down.

Total track number



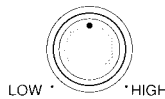
Total playing time

④ To control the sound.

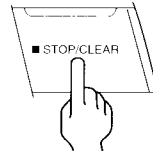
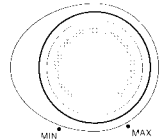
BASS EXPANDER



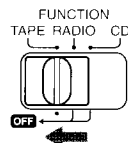
TONE



VOLUME



Press [STOP/CLEAR].



To OFF (TAPE).

NOTES:

- If a disc is loaded upside down, or if no disc is loaded, the CD player will not operate.
- If a badly scratched disc is loaded, "Error" appears on the display. If this occurs, replace the damaged disc.
- Opening the CD compartment lid while a CD is playing could scratch the disc. Always press the STOP/CLEAR button and wait for the disc to stop rotating before opening the CD compartment lid.

Compact discs

- Both 8cm and 12cm discs can be played in this unit.
NOTE: Place only one disc at a time in the CD compartment.
- Only discs bearing the logo as shown can be played in this unit.

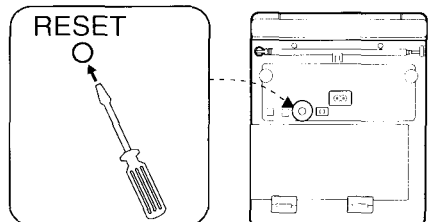


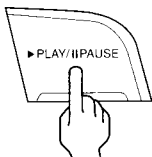
- Always place the compact disc in the CD compartment with the label facing up. Compact discs can be played on only one side.
- Fingerprints and dust should be carefully wiped from the disc's signal surface (opposite the label side) with a soft cloth. Gently wipe in a straight motion from the inside to the outside of the disc.
- Discs should be returned to their cases after use to avoid serious scratches which could cause the player to skip.
- Do not expose a disc to direct sunlight, high humidity, or high temperatures for extended periods of time to prevent warping the disc.
- Do not apply paper or write anything on either side of the disc. Sharp writing instruments, or the inks used in some felt-tip pens, may damage the surfaces of the disc.
- Do not use cleaners or antistatic sprays on discs, such as those used for phonograph records.

WHAT TO DO IF...

If the operation of the unit or display is not normal, even though the appropriate buttons have been pressed.

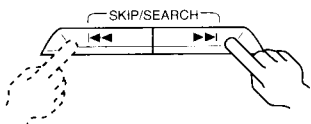
1. Disconnect the main lead.
2. Remove all batteries (see page 2).
3. Set the FUNCTION switch to TAPE.
4. Press the reset switch (back of the unit) for at least 30 seconds.
5. Connect the mains lead and install all batteries.
6. Operate the unit.





PAUSE MODE

1. Press [PLAY/PAUSE] during play. Play will temporarily stop, and the elapsed time will blink.
2. Press [PLAY/PAUSE] again to resume play.



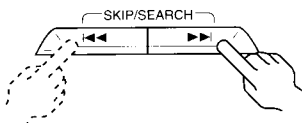
Press and hold down during playback

TRACK SEARCH

1. In the play mode, press and hold down [SKIP/SEARCH] |◀◀ or ▶▶| to lower the volume level and quickly advance or return to any part of the disc.
2. Release [SKIP/SEARCH] |◀◀ or ▶▶| to return the volume to normal level and resume play.

NOTE:

If [SKIP/SEARCH] |◀◀ or ▶▶| is pressed during the PAUSE mode, no sound will be heard, and the PAUSE mode will continue when the button is released.



Press and release repeatedly

TRACK SKIP

1. Press and release [SKIP/SEARCH] |◀◀ or ▶▶| repeatedly during play to quickly locate the beginning of a track.
2. The display will show the number of the selected track. Play will continue from the beginning of the new track.

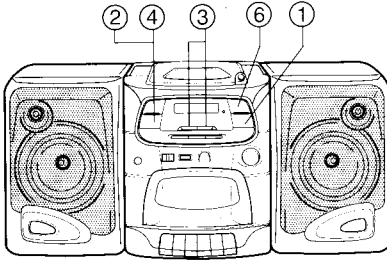
NOTE:

If [SKIP/SEARCH] |◀◀ or ▶▶| is pressed while the unit is in the PAUSE mode, the unit will remain in the PAUSE mode when the button is released.

PROGRAMMED PLAY

With programmed play, up to 20 tracks on a disc can be memorized and played in any order.

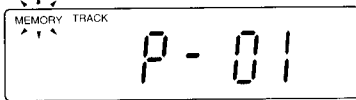
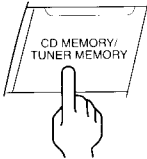
TO PROGRAM



① Press [STOP/CLEAR].

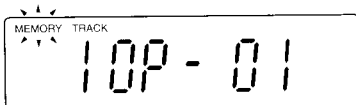
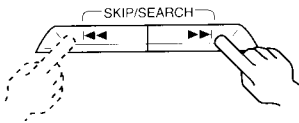


② Press [CD MEMORY].

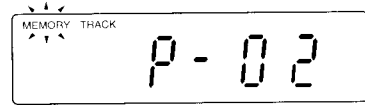
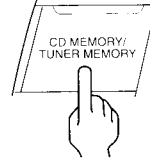


"MEMORY" blinks.

③ Press [◀◀] or [▶▶].



④ Press [CD MEMORY].

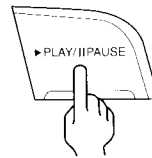


"MEMORY" blinks.

⑤ Repeat 3 and 4 to memorize additional tracks.

TO BEGIN PROGRAM PLAY

⑥ Press [PLAY/PAUSE].



Programmed play will begin.

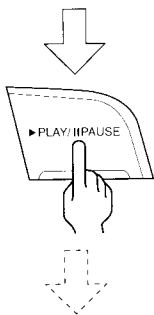
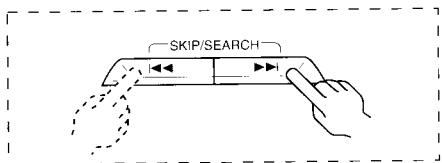
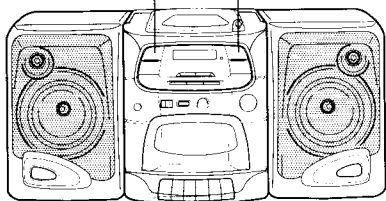
"MEMORY" remains lit.

- To cancel programmed play, press [STOP/CLEAR] twice.

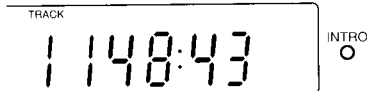
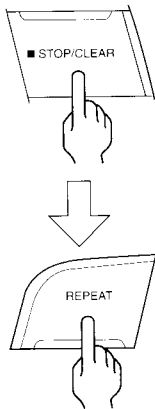
"MEMORY" goes out.

REPEAT/INTROSCAN PLAY

REPEAT PLAY/PAUSE

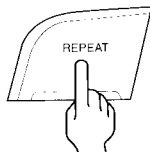


To stop or cancel...

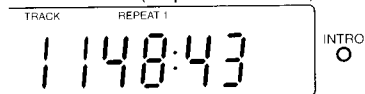


Selecting the repeat and introscan play mode

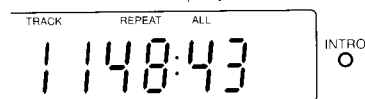
Each time [REPEAT] is pressed, the mode changes as follows.



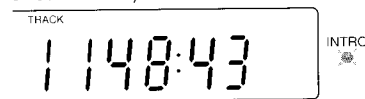
REPEAT 1 (Repeat one track)



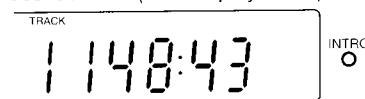
REPEAT ALL (Repeat all track)



INTRO (To play the first 10 seconds of each track)

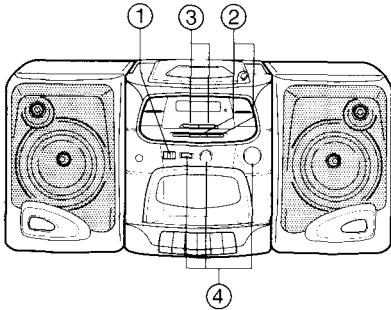


Released (Normal play mode)

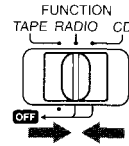


RADIO OPERATION

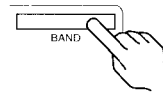
FREQUENCY UP/DOWN TUNING



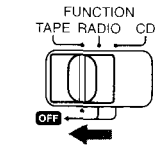
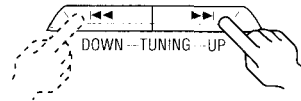
① To RADIO.



② Select a band.
(AM or FM)



③ Tune in a station.



To OFF (TAPE).

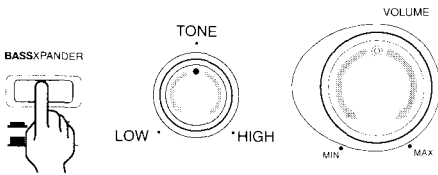
Automatic tuning

Press [◀◀] or [▶▶] for at least 2 seconds to tune in a station. The unit will scan up or down the band and select the next receivable station.

Manual tuning

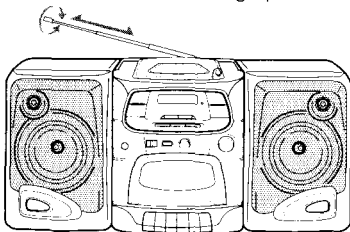
Press and release [◀] or [▶] repeatedly to tune in a station.

④ To control the sound.

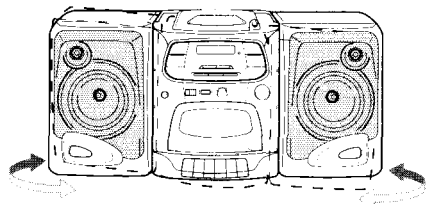


To improve reception

FM - Extend and change position.

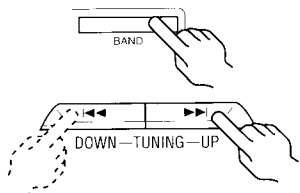


AM - Rotate unit.

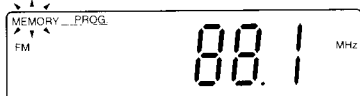
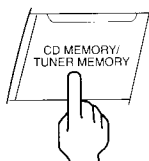


MANUAL PRESET TUNING Up to 20 stations (AM and FM) can be preset.

① Tune in a station

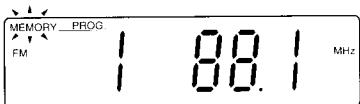
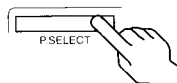


② Press [TUNER MEMORY]

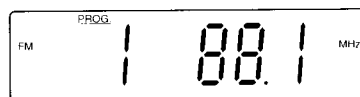
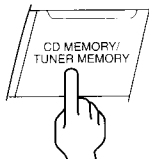


"MEMORY" blinks.

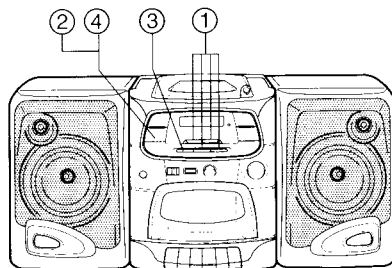
③ Press [P.SELECT] to select the program number.



④ Press [TUNER MEMORY].



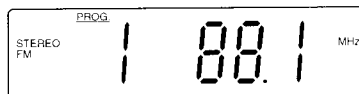
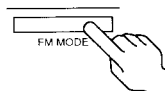
⑤ Repeat the steps above to add more preset stations.



Selecting FM mode

"STEREO" appears when an FM stereo broadcast is received.

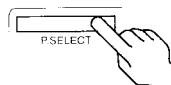
If "STEREO" is not displayed, press [FM MODE] to display "STEREO".



If the signal from an FM stereo station is weak and reception is poor, press [FM MODE] to change to monaural reception. ("STEREO" goes out.)

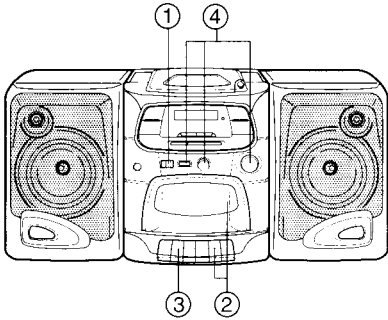
Listening to preset stations

Press [P.SELECT].



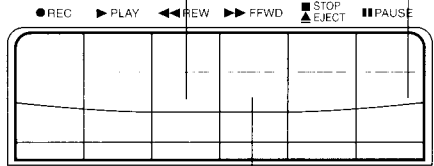
CASSETTE TAPE OPERATION

PLAYBACK



Press to temporarily stop the tape during playback or recording. Press it again to continue.

To quickly wind the tape backward

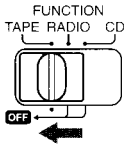


To quickly wind the tape forward

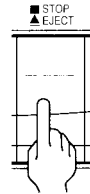
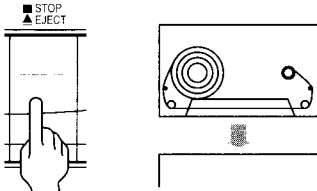
Full automatic stop

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.

① To TAPE.



② Press [STOP/EJECT]. Insert cassette.

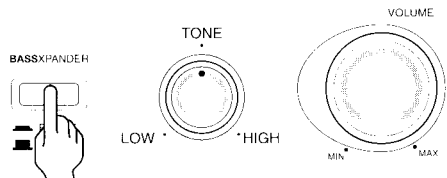


Press [STOP/EJECT] once to stop the tape. Press again to remove the cassette.

③ Press [PLAY].

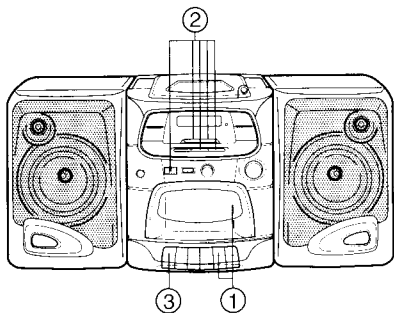


④ To control the sound.

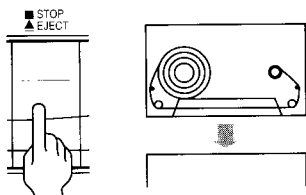


RECORDING

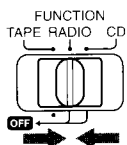
A) Recording from the built-in radio



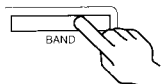
- 1 Press [STOP/EJECT].
Insert cassette.



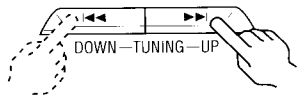
- 2 To RADIO



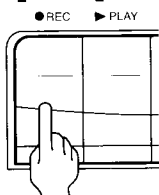
Select a band.



Tune in a station.



- 3 Press [REC].



WARNING

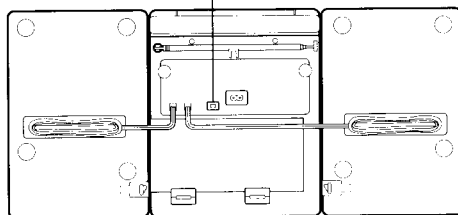
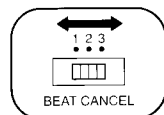
Recording copyright material without permission of the copyright owners is usually an infringement. If you wish to re-record copyright material, permission from the copyright owner is necessary. SANYO does not approve of, and cannot be held responsible for, any unlawful use of this machine.

Automatic Level Control (ALC) recording

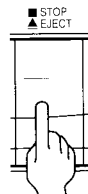
The ALC circuit adjusts the recording input level automatically. No adjustments are required.

BEAT CANCEL switch

When recording a radio program, an irritating "whistling" sound may sometimes be heard. If this occurs, select position 1, 2 or 3. Leave the switch in the position that gives the best results.

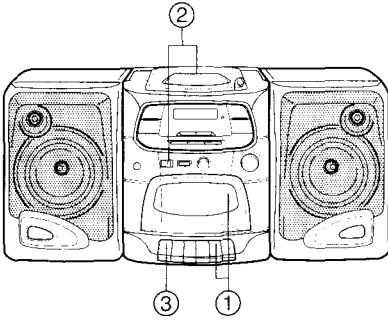


Back side of the unit

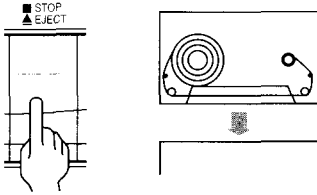


Press [STOP/EJECT] once to stop the tape.
Press again to remove the cassette.

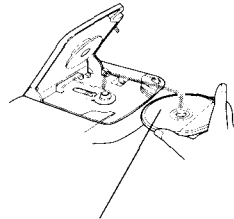
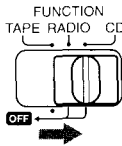
B) Recording from a compact disc



- 1 Press [STOP/EJECT]. Insert cassette.

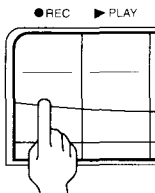


- 2 To CD.



Label facing up

- 3 Press [REC].

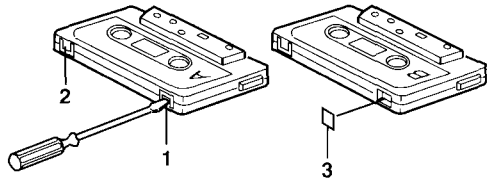


Safeguards against accidental erasure

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).



NOTE:

If you want to record music as you listen, press [PLAY/PAUSE] to temporarily stop at the desired position, then press [REC].

Synchronous recording (CD-TO-TAPE SYNCHRO DUBBING)

This recording system starts disc play and cassette recording at the same time.

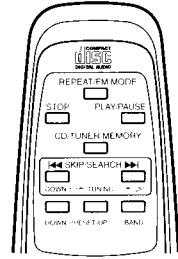
When the [REC] is pressed, recording will start at the beginning of track number 1 of the disc.

If a program has been entered, recording will start from the beginning of the first programmed track.

REMOTE CONTROL OPERATION

NOTE:

The buttons on the remote control perform similar functions to similarly marked buttons on the front panel.



CD player section

Start play	PLAY/PAUSE
Temporarily stop play	During play PLAY/PAUSE
Select the desired track	SKIP/SEARCH ◀◀ or ▶▶
Search	During play SKIP/SEARCH ◀◀ or ▶▶ (press continuously)
Skip play	During play SKIP/SEARCH ◀◀ or ▶▶ (press once)
Programmed play	
CD/TUNER MEMORY	SKIP/SEARCH ◀◀ or ▶▶ → CD/TUNER MEMORY → PLAY/PAUSE
Repeat or Intros can play	REPEAT/FM MODE → PLAY/PAUSE
Stop	STOP

TUNER section

Select BAND	BAND
Station tuning	TUNING UP or DOWN
Select FM mode	REPEAT/FM MODE
Preset station	
BAND	TUNING UP or DOWN → CD/TUNER MEMORY → PRESET UP or DOWN → CD/TUNER MEMORY
Select preset station	PRESET UP or DOWN

MAINTENANCE

Cleaning the unit

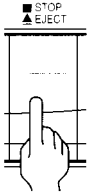
Clean the outside of the unit with a clean soft cloth, moistened with lukewarm water. Do not use solvents such as benzene or thinner. These will permanently damage the units finish.

Cleaning the tape heads

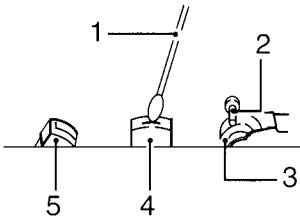
When dust or reddish-brown oxide builds up on the tape deck heads, pinch roller and capstan, the following problems may result:

- Poor sound quality during playback
- Distorted, poor quality recordings
- Erratic tape speed during recording or playback

1. Press the STOP/EJECT button to open the cassette compartment lid.



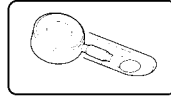
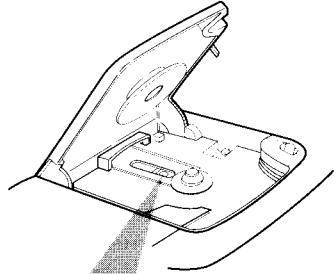
2. Moisten a cotton swab (1) with Isopropyl alcohol or special head cleaning fluid. Gently rub the face of each head (4, 5) with alcohol. Also clean the capstans (2) and pinch rollers (3).



Cleaning the CD player lens

The lens should never be touched.

If dust is on the lens, blow it off using a camera lens blower. (Please consult your dealer.)



If trouble occurs ...

To avoid the hazard of electric shock and damage to the unit, have the unit bench tested by an authorized SANYO service station. Do not remove the unit from its cabinet to attempt repairs yourself.

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:
110 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: 522 ~ 1611 kHz
FM: 87.5 ~ 108 MHz
Aerials:
Built-in ferrite bar and telescopic rod aerials

(GENERAL)

Output power:
3 W x 2 (DC max.)
70W (P.M.P.O)
Speaker:
12 cm x 2, 4 ohms
PIEZO x 2
Terminal impedance :
PHONES: 32 ohms
Power source:
AC:230 ~ 240V, 50 Hz
DC:12V (8 "D" size batteries)
DC:4.5V (Memory back-up 3 "AA" size
batteries)
Dimensions:
545 x 240 x 250 mm (W x H x D)
Weight (approx.):
5.6 kg (without batteries)

Specifications subject to change without notice.

SANYO