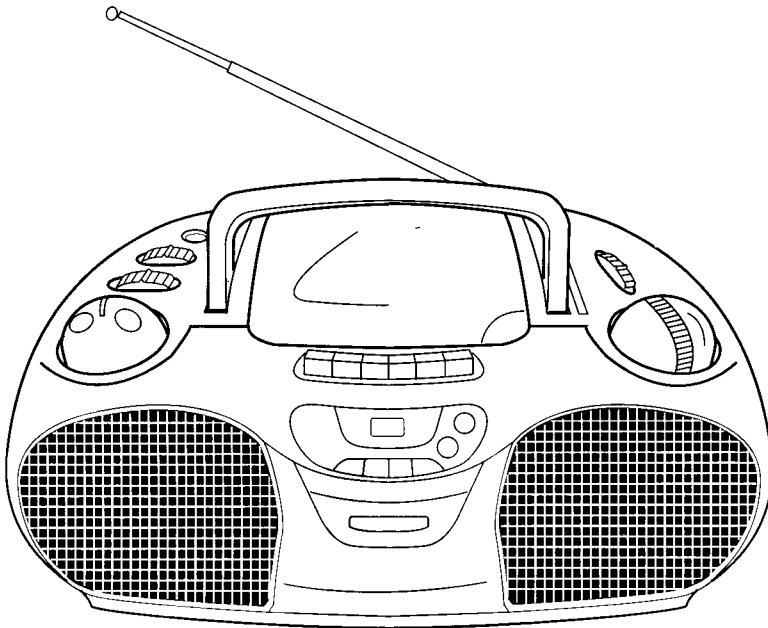


SANYO

**INSTRUCTION MANUAL
MANUAL DE INSTRUCCIONES**

MCD-X75L

**CD Radio Cassette Recorder
Radio Casette Grabador CD**



ENGLISH P.4~8

ESPAÑOL P.9~13

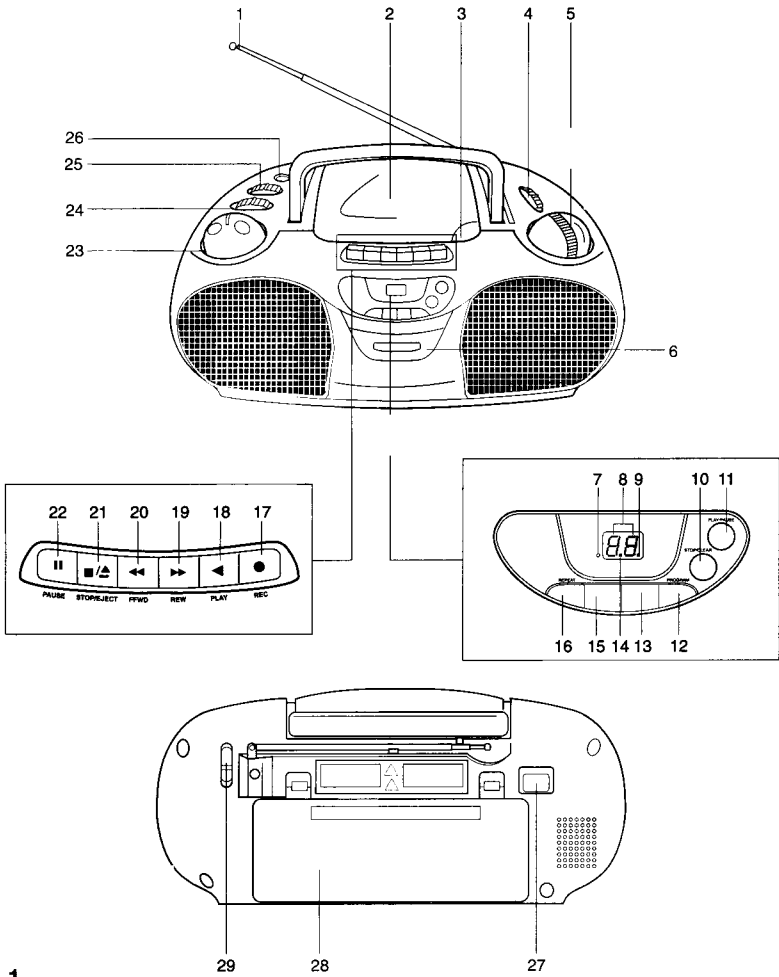


Fig. 1

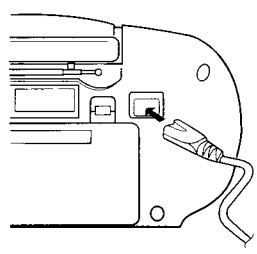


Fig. 2

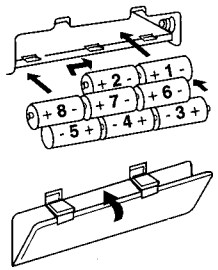


Fig. 3

COMPACT
disc
DIGITAL AUDIO

Fig. 5

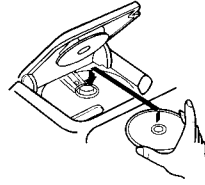


Fig. 6

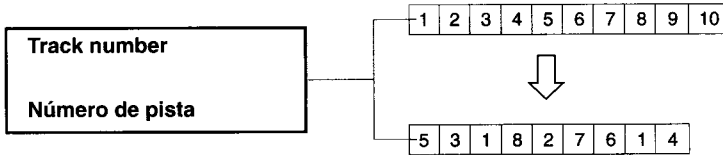


Fig. 7

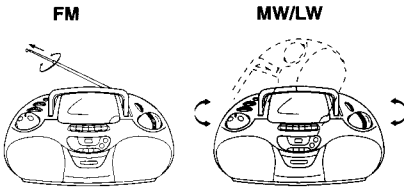


Fig. 8

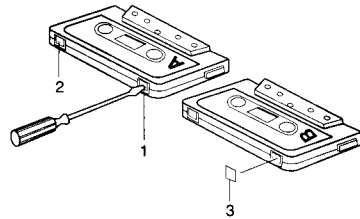


Fig. 9

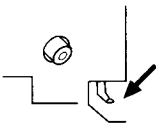


Fig. 10

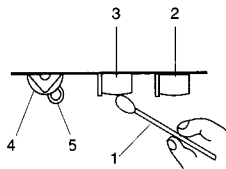


Fig. 11

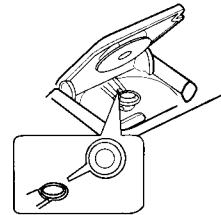
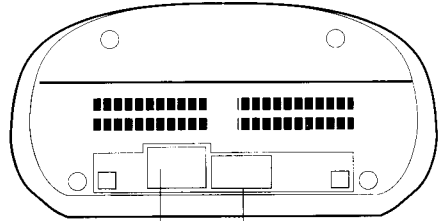
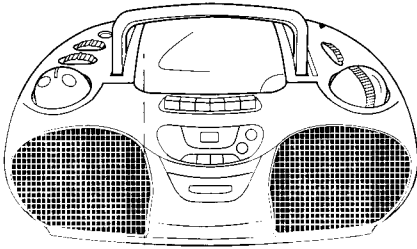


Fig. 12



Rating plate

Etiqueta de características



CAUTION - INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM.

PRECAUCIÓN - RADIACIÓN LÁSER INVISIBLE SI SE ABRE SIN LOS CIERRES. EVITE LA EXPOSICIÓN AL RAYO LÁSER.



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

PRECAUCIÓN - EXISTE EL RIESGO DE EXPOSICIÓN A LA RADIACIÓN SI APLICA LOS PROCEDIMIENTOS, CONTROLES Y PRESTACIONES DE FORMA DISTINTA A LA DESCRITA.

CAUTION:
THE APPARATUS SHALL NOT BE EXPOSED TO DRIPPING OR SPLASHING.

PRECAUCIÓN:
NO DEBE EXPONER EL EQUIPO A LÍQUIDOS NI LA HUMEDAD.

The FUNCTION switch is mounted on the secondary side. The unit is not disconnected from AC-power, even switch off.

El conmutador FUNCTION se encuentra en una derivación. El equipo no queda completamente desconectado de la toma de CA aunque haya accionado el conmutador.

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

No instale esta equipo en espacios cerrados como estanterías o vitrinas.

ENGLISH

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 mains lead, when disconnecting the unit.
- If water should enter the unit, electrical shock or 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.

THIS UNIT SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

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

CONTROLS (Fig.1)

MAIN UNIT:

1. Telescopic antenna
2. CD compartment lid
3. CD lid opening button (OPEN)
4. Band switch (BAND)
5. Tuning control (TUNING CONTROL)
6. Cassette compartment lid
7. CD program indicator
8. CD track number display
9. CD Play/Pause indicator
10. Stop/Clear button (STOP/CLEAR)
11. Play/Pause button (PLAY/PAUSE)
12. CD program button (PROGRAM)
13. CD Skip/Search button (SKIP/SEARCH ►►)
14. CD repeat indicator
15. CD Skip/Search button (◀◀ SKIP/SEARCH)
16. CD repeat button (REPEAT)
17. Record button (REC)
18. Play button (PLAY)
19. Rewind button (REW)
20. Fast forward button (FFWD)
21. Stop/Eject button (STOP/EJECT)
22. Pause button (PAUSE)
23. Volume control (VOLUME)
24. Bass expander switch (BASSXPANDER)
25. Function switch (TAPE/RADIO/CD)
26. Stereo headphones socket (PHONES)
27. AC input socket (AC~IN)
28. Battery compartment lid
29. FM MONO/STEREO, BEAT CUT switch

POWER SUPPLY

AC POWER OPERATION

Connect one end of the mains lead to the AC INPUT socket (Fig. 2) on the unit and the other end to the AC outlet.

The unit is not disconnected from the mains unless the mains lead is unplugged from the AC outlet.

BATTERY POWER OPERATION(Fig. 3)

1. Open the battery compartment lid by pressing down on the tabs.
2. Install 8 x "D" size batteries(not supplied). Refer to the polarity diagram on the battery compartment of the unit. Match the (+) and (-) marks on the diagram to the (+) and (-) marks on the batteries.
3. Replace the lid.

CAUTION:

WHEN INSTALLING BATTERIES

To prevent battery electrolyte leakage, which may result in injury and damage to the unit or other objects, observe the following precautions:

1. All batteries must be installed with the proper polarity (see diagram on the battery compartment of the unit).
2. Do not mix new with old or used batteries.
3. Only use batteries of the same type and brand.
4. Remove the batteries when they are not to be used for a long period time.

COMMON OPERATION

Adjusting the volume

Turn (VOLUME).

Bassxpander System

Switch (BASSXPANDER) to ON to enhance the bass sound.

Stereo headphones socket

Insert the miniplug from a pair of headphones (not supplied) into the PHONES socket. When the headphones are plugged in, speakers are automatically disconnected.

CD PLAY

- Both 8 cm and 12 cm discs can be played in this unit.

NOTE:

- Place only one disc at a time in the CD compartment.
- Only disc bearing the logo in Fig. 5 can be played in this unit.

Handling compact discs

- Always place the compact disc in the CD compartment with the label facing upward. Compact discs can be played on only one side.
- Fingerprints and dust should be carefully wiped off the disc's signal surface (opposite the labeled 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 used to avoid serious scratches that 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 stick paper or write anything with a ballpoint pen on a disc.
- Do not use cleaners or antistatic sprays on discs, like those used for phonograph records.

LOADING A DISC

1. Set to CD mode.
(PLAY/PAUSE) button will be on.
2. Press (OPEN). The lid will open.
3. Place a disc carefully on the turntable in the CD compartment, with the label side facing up (Fig.6).
4. Press down the lid to close it. The display will show the total number and total playing time of tracks on disc.

NOTES:

- If a disc is loaded upside down, or if no disc is loaded, the CD player will not operate.
- During CD play, do not open the CD compartment lid. Always press(STOP/CLEAR) and wait for the disc to stop rotating before opening the CD compartment lid.

NORMAL PLAY

1. Press (PLAY/PAUSE). Play will begin with track number 1.

NOTE:

To start play from the desired track, select the track by using (SKIP/SEARCH) ►► or ◄◄ then press (PLAY/PAUSE).

2. Adjust (VOLUME), and (BASSXPANDER) as desired.
3. Press (STOP/CLEAR) to stop play at any time. When the last track has played, the CD player will automatically stop.

Temporarily stopping play (PAUSE)

1. Press (PLAY/PAUSE) during play. Play will temporarily stop, and CD PLAY indicator will flash.
2. Press (PLAY/PAUSE) again to resume play. CD PLAY indicator will remain on.

Track search (forward/reverse)

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.

Track skip

1. Press and release (SKIP/SEARCH) ►► or ◄◄ repeatedly during play to quickly locate the beginning of a track.
2. The CD track number 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.

Repeat play

This function allows all the tracks on a disc or the programmed tracks only to be played repeatedly.

1. Press (REPEAT).
The REPEAT indicator will flash, to repeat the current track continuously.
2. Press (REPEAT) again.
The REPEAT indicator will remain on, to repeat the entire disc.

To cancel the repeat play function, press (REPEAT) again. The REPEAT indicator will go off.

PROGRAMMED PLAY

With programmed play, up to 16 tracks on a disc can be memorized and played in any order. (The TRACK NO. display will show the track number 1-99).

In this example, track 1-8 on a 10-track disc are entered into the unit's program memory, for play in the order shown in Fig. 6.

Example Program

1. Press the STOP/CLEAR button.
2. Press the PROGRAM button.
The PROGRAM indicator will flash and display will flash "Pr".
3. Press the SKIP/SEARCH ►► button repeatedly until the TRACK NO. display show "5".
4. Press the PROGRAM button. The display will flash "Pr".
5. Press the SKIP/SEARCH ◄◄ button repeatedly until the TRACK NO. display shows "3".
6. Press the PROGRAM button. The display will flash "Pr".
7. Repeat steps 2-6 to memorize track 1, 8, 2, 7, 6, 1 and 4.

NOTE:

A track number can be entered more than once.

8. Checking the program
After the last track number has been entered, press the PROGRAM button to view the memorized track numbers, in the order they were entered and last display will show "Pr".
9. Press the PLAY/PAUSE button.
Programmed play will begin with the first programmed track.
10. When the last programmed track has finished playing, the CD player will stop, unless the REPEAT button has been pressed (see Repeat play).

NOTE:

If you want to add to program number, select the track number, and press the PROGRAM button. It is not possible to change a programmed entry, or to add an entry between the programmed selections

Ending Programmed Play

Press (STOP/CLEAR) twice (during programmed play), or once (during the stop mode), to clear the program memory.

IMPORTANT NOTE

If an abnormal display or an operating problem occurs, disconnect the mains lead and remove all batteries. Wait at least 90 seconds, then reconnect the mains lead and reinstall the batteries.

LISTENING TO THE RADIO

1. Set to RADIO mode.
2. Select the desired radio band with (BAND).
3. Tune in a desired station by turning (TUNING CONTROL).
4. Select FM MONO/STEREO mode (cabinet back). FM STEREO indicator will be on when stereo signal is received at FM STEREO mode.
5. Adjust (VOLUME) and (BASSXPANDER) as desired.

Antennas

For FM reception, pull out the telescopic antenna and determine the direction, length and angle for optimum reception.

For MW/LW reception, the antenna inside the unit is somewhat directional, so reception from distant stations may sometimes be improved by rotating the unit. (Fig. 8)

LISTENING TO TAPE

NOTE:

- Do not use the endless tape.
- Use the normal tape (TYPE 1).

Playback

1. Set to TAPE mode.
2. Press (STOP/EJECT).
The cassette holder opens.
3. Load the cassette into the cassette holder.
4. Close the cassette holder.
5. Press (PLAY).
6. Adjust (VOLUME), and (BASSXPANDER) as desired.
7. Press (STOP/EJECT) to stop playback at any time. When the end of the tape has been reached, automatic stop will be activated.

Pause

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

Fast Forward and Rewind

Press (FFWD) or (REW) to quickly wind the tape forward or backward. Press (STOP/EJECT) to stop the tape.

When the end of the tape is reached, the tape will stop.

BEFORE RECORDING

WARNING

UNAUTHORIZED RECORDING OF COPYRIGHTED MATERIAL MAY VIOLATE APPLICABLE COPYRIGHT LAWS. SANYO ASSUMES NO RESPONSIBILITY FOR UNAUTHORIZED DUPLICATION, USE OR OTHER ACTS WHICH INFRINGE UPON THE RIGHTS OF COPYRIGHT OWNERS.

PREVENTION OF ACCIDENTAL ERASURE

To protect side A, break out tab (1). To protect side B, break out tab (2). (Fig. 9)

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 protect cassette, cover the tab openings with adhesive tape (3).

RECORDING

Automatic Level Control (ALC) recording

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

Preparation

Press (STOP/EJECT) and insert a blank cassette into the cassette holder.

(A) Recording from a compact disc

Recording from Track Number 1

1. Set to CD mode.
2. Load the disc. See "LOADING A DISC".
3. Press (REC). (PLAY) will lock down at the same time.
4. Press (PLAY/PAUSE).
5. Press (STOP/EJECT) to stop recording at any time. When the end of the tape is reached will automatically stop.

Recording programmed tracks

1. Program the material in advance. See "PROGRAMMED PLAY".
2. Press (REC). (PLAY) will lock down at the same time.
3. Press (PLAY/PAUSE).

(B) Recording from the built-in radio

1. Set to RADIO mode.
2. Tune in a desired station. See "LISTENING TO THE RADIO".
3. Press (REC). (PLAY) will lock down at the same time. Radio recording starts.
4. Press (STOP/EJECT) to stop recording at any time. When the end of the tape is reached, the tape will automatically stop.

Beat cancel switch (BEAT CANCEL)

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

MAINTENANCE

Cleaning the unit

Do not use volatile chemicals on this unit (insecticides, etc). Clean by lightly wiping with a soft cloth.

Cleaning the tape heads

For continued high performance from the cassette section, periodically clean the heads, pinch roller and capstan whenever an accumulation of dust and red-brown oxide particles is noticed.

1. Press (STOP/EJECT) to open the cassette holder.
2. Press (REC) while pushing in the lever as illustration. (Fig. 10)
3. Carefully rub each head (4,5), pinch roller (3) and capstan (2) with a cotton swab (1) moistened with isopropyl alcohol or special head-cleaning fluid. (Fig. 11)

Cleaning the CD player lens (Fig. 12)

If dust is on the lens, blow the dust away by using a blower. (Please consult your dealer) The lens should never be touched. However, if a fingerprint does get the lens, wipe it gently by using a cotton swab moistened with isopropyl alcohol. (Please consult your dealer).

CAUTION:

Do not apply excessive pressure; you might damage the lens. Apply alcohol sparingly. Only a small amount is needed. Use of too much alcohol may cause some to enter the unit, which may cause damage.

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:
170 sec. (C-60 tape)
Frequency response:
80-10000 Hz (normal tape)

CD SECTION

Channels:
2 channels
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:
FM : 87.5 - 108 MHz
MW: 525 - 1610 kHz
LW : 148 - 280kHz
Antennas:
Built-in ferrite bar and telescopic rod antennas

GENERAL

Speaker:
10 cm x 2, 4 ohms
Power output:
1.2 W/ch
Terminal impedance:
PHONES: 32 ohms
Power source:
AC: 230 V, 50Hz
DC: 12 V, 8 x "D" size batteries(not supplied)
Dimensions:
342 x 163 x 263 mm (W x H x D)
Weight (approx):
2.8 kg (without batteries)

* Specifications subject to change without notice.

(SP) (NZ)

SANYO

SANYO Electric Co., Ltd.

804-7822000-06