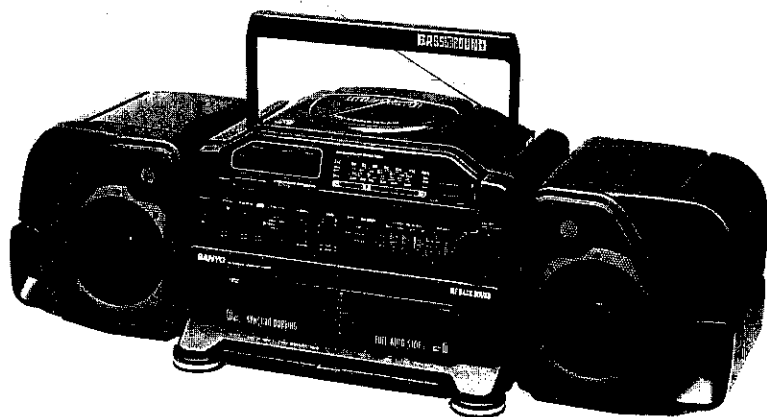


INSTRUCTION
MANUAL

SANYO

M908DSR

**Portable
Component
System
with CD Player**



◀ See the folding page for the names of controls and locations.

CONTROLS

1. FBACK and FFWD (SKIP/SEARCH) Buttons
2. PLAY Indicator
3. TRACK NO. Display
4. PLAY/PAUSE Button
5. MEMORY Button and Indicator
6. REPEAT Button and Indicator
7. STOP/CLEAR Button
8. DUBBING Button
9. TAPE A Select Switch
10. TAPE B Select Switch
11. CD Compartment
12. BAND Switch
13. FM MONO/STEREO Select Switch
14. GRAPHIC EQUALIZER Controls
15. FINE TUNING Control
16. TUNING Control
17. BALANCE Control
18. VOLUME Control with Battery/Operation Indicator
19. Tape Deck A Cassette Compartment
20. Tape Deck A PAUSE Button
21. Tape Deck A STOP/EJECT Button
22. Tape Deck A FFWD (Fast Forward) Button
23. Tape Deck A REW (Rewind) Button
24. Tape Deck A PLAY Button
25. VU Meter Indicators
26. Tape Deck B PAUSE Button
27. Tape Deck B STOP/EJECT Button
28. Tape Deck B FFWD (Fast Forward) Button
29. Tape Deck B REW (Rewind) Button
30. Tape Deck B PLAY Button
31. Tape Deck B RECORD Button
32. Tape Deck B Cassette Compartment
33. FUNCTION Switch
34. MF BASS (MF: Motional Feedback) Button
35. SURROUND Button
36. POWER Button
37. PHONES Jack

38. FM Terminal
39. E (Earth) Terminal
40. SW Terminal
41. External MIC (Microphone) Jack
42. CD OUT (Right/Left) Jacks
43. REAR SPEAKER (Right/Left) Jacks
44. Telescoping Antenna
45. OSC (Oscillation) Switch
46. DC 12~15V Jack
47. AC INPUT Jack
48. SPEAKER (Right/Left) Jacks
49. Battery Compartment

WARNING

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

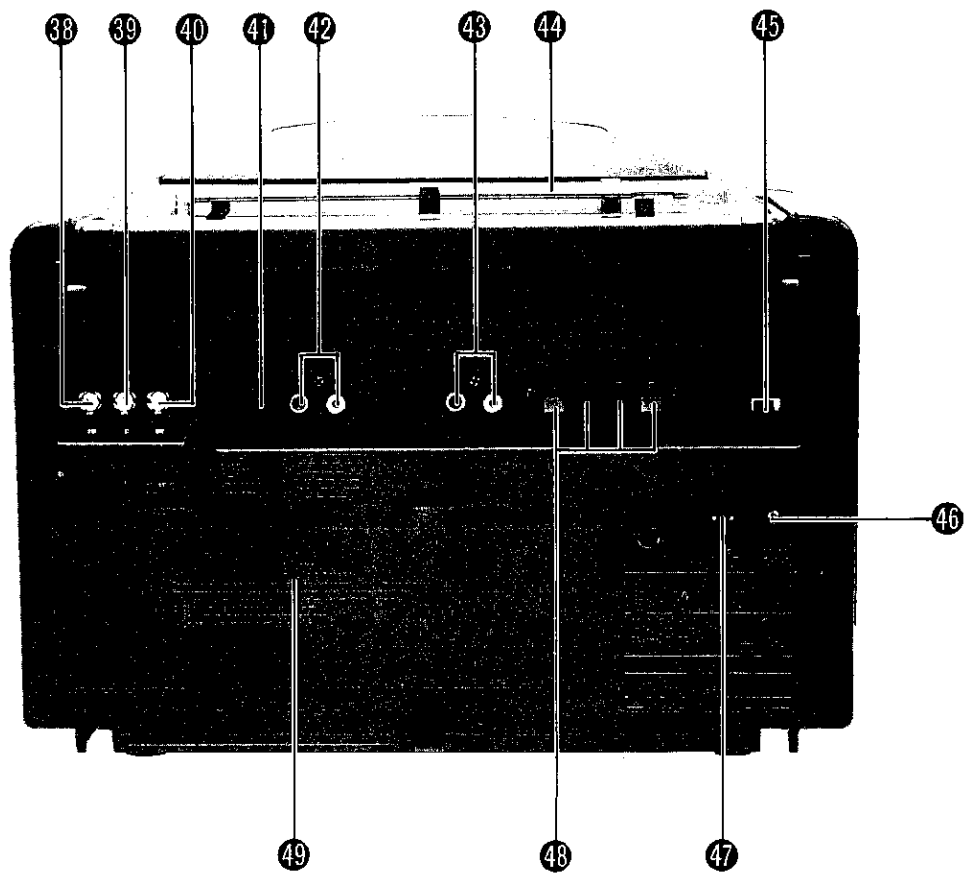
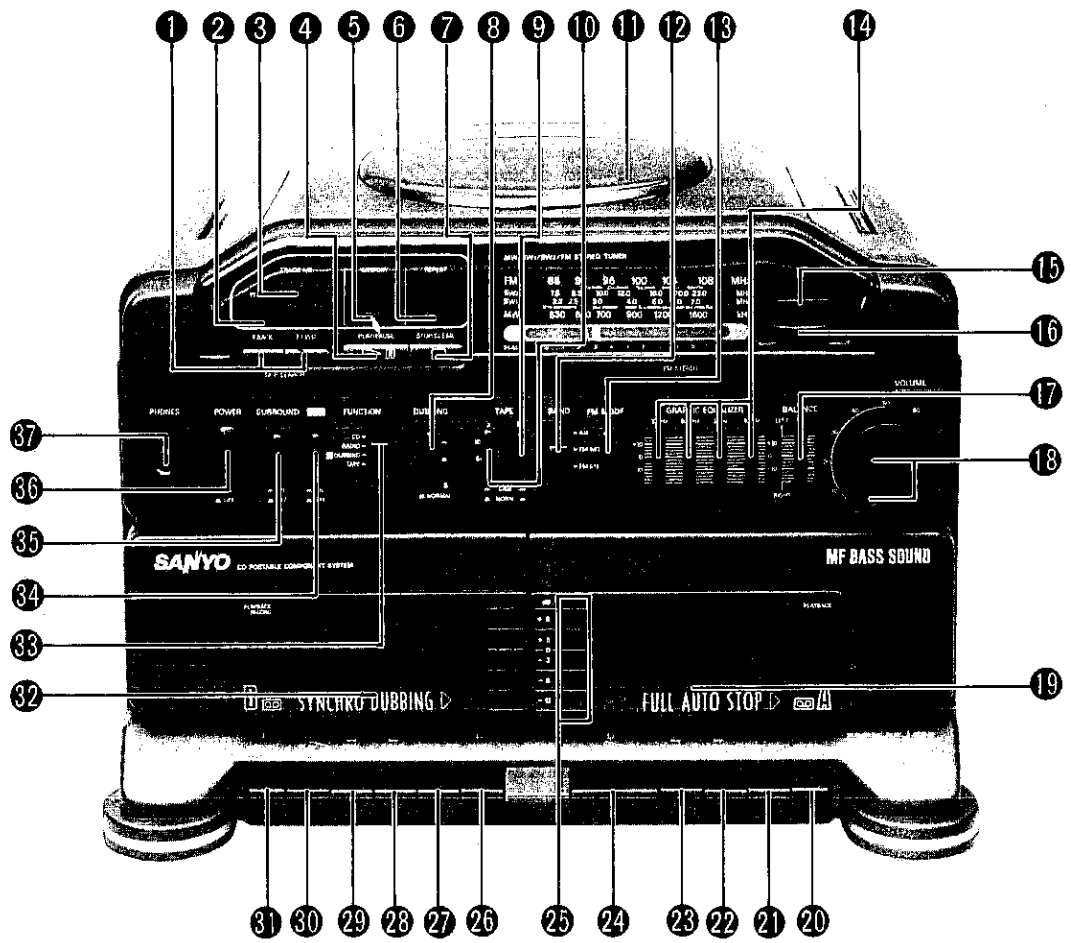
TO AVOID THE HAZARDS OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR OTHER MOISTURE.

SAFETY CERTIFICATION

This unit is made and tested to meet exactly safety standards. See the folding page for the locations of the safety labels.

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 QUALIFIED SERVICE PERSONNEL.



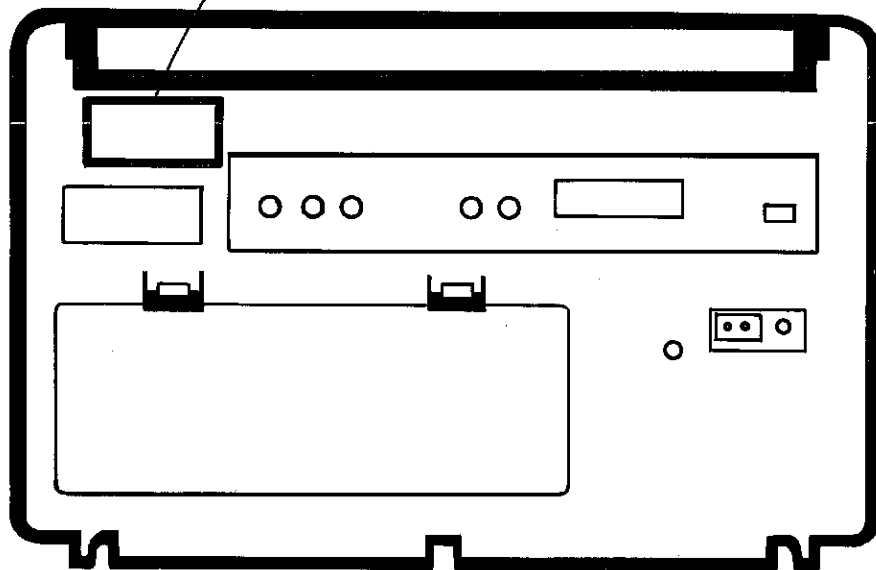
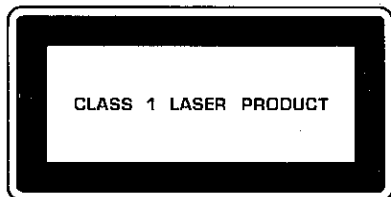
SAFETY CERTIFICATION

Laser Diode Properties

Material: Ga-Al-As

Wavelength: 755 ~ 815 nm (25°C)

Laser Output: Continuous Wave max. 0.5 mW



PRECAUTIONS WHEN USING THE CD PLAYER

- Be sure your hands are clean when handling discs. Never insert a disc which is cracked.
- When moving the unit, never use the disc compartment lid as a handle.
- To keep the pickup clean, do not forget to close the disc compartment lid.
- Do not touch the laser pickup with your fingers or any other object. Dirt and scratches on the pickup lens can cause skipping during playing and intermittent operation.

DEW FORMATION

Water drops accumulate on the windows of a warm room on cold winter days. This phenomenon is called dew formation. This unit is equipped with an optical pickup lens, and dew may accumulate on its surface in a similar manner under the following conditions.

- Immediately after the heat is turned on in a cold room.
- Rooms where steam is being generated (such as near a kitchen) or with a high humidity level.
- When the unit is moved from a cold room to a warm room.
- In cold climates, when the unit is brought indoors from outside.

Under the above conditions, the unit may be unable to read the disc contents and operate normally. Remove the disc and allow the unit to adjust to the temperature in the room. Normal operation should be possible in approximately one hour. If dew has formed on the surface of the disc, wipe it off using a soft cloth. Wipe the disc from the inside to the outside. Do not wipe it in a circular motion.

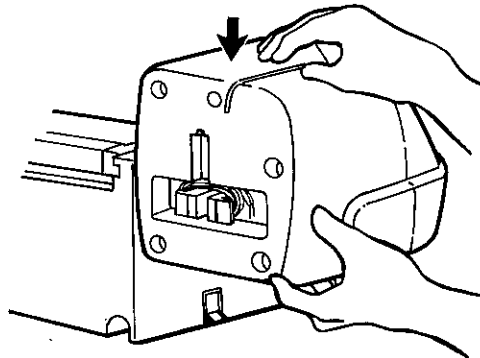
INTERRUPTION OF SOUND

The following conditions may disrupt the sound during play:

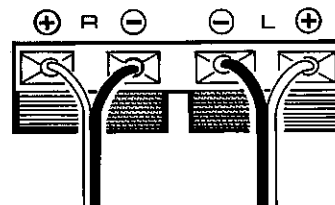
- Using a scratched, dirty or warped disc.
- If the unit is physically shocked, play may stop. If this should take place, switch off and then on the power and press play.
- If the unit is placed on a unstable surface which may be easily affected by vibration.

CONNECTING THE SPEAKERS

1. Align the grooves in the speaker box with the rails on the base unit.
2. Lower the speaker box vertically onto the rails on the base unit until the speaker locks in place.



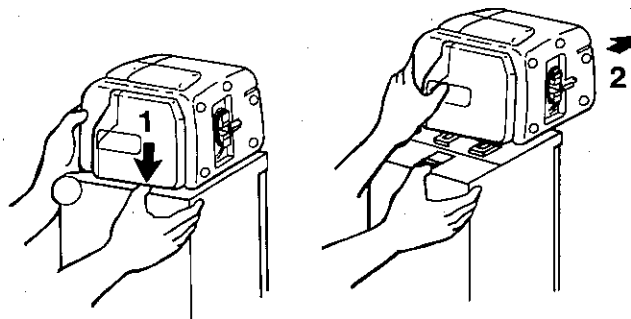
3. Be sure to match the color of the speaker wires to the color of the speaker terminals on the base unit. Press and hold down the tab on a speaker terminal as shown below. Insert a speaker wire into the terminal and release the tab.



4. Wind the extra length of the speaker cord around the cord clips on the back of the speaker box.

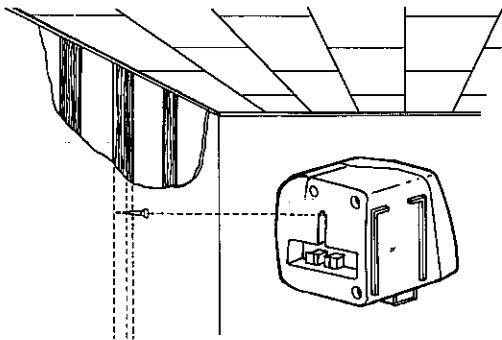
REMOVING THE SPEAKERS

1. Disconnect the speaker wires from the speaker terminals on the back of the base unit.
2. Push the latch toward RELEASE as shown (arrow 1). Hold the latch down and lift the speaker box as shown (arrow 2).



MOUNTING THE SPEAKERS ON A WALL

Insert a 4cm (1.6 inch) to 5cm (2.0 inch) heavy wood screw or nail with more than 5mm (0.2 inch) in diameter into a post or stud behind the wall, leaving about 1cm (0.4 inch) exposed. Hang the speakers, using the wall-mounting hole on the rear of the speakers.



BASIC OPERATION

SETTING THE SURROUND BUTTON

OFF (button OUT): For listening to normal sound using the speakers supplied with this unit.

ON (button IN):

- For listening to expanded sound using the speakers supplied with this unit.
- For listening to expanded sound using the speakers supplied with this unit and an optional pair of surround speakers.

Connect the optional surround speakers to the REAR SPEAKER (R/L) jacks on the back panel.

NOTES:

- Optional surround speaker impedance: 6 ohms, minimum.
- This unit uses RCA jacks for the surround speaker output connections. The speaker wire from the surround speakers must have RCA plugs on the ends to connect them to this unit.

MF BASS BUTTON

OFF (button out): For audio with conventional low range (bass) sound.

ON (button in): For audio with enhanced low range (bass) sound.

The MF BASS produces a bass reinforcement signal. This expands the bass information, giving the sound extended low frequency response.

GRAPHIC EQUALIZER CONTROLS

The GRAPHIC EQUALIZER has a set of tone controls, each of which allow for the adjustment of a narrow range of sound. Moving the control up will increase the sound and moving it down will decrease the sound in the range that each control covers.

- 100 Hz: Covers the lowest sound range. Instruments such as the Tuba are in this range.
- 500 Hz: Covers the lower sound range. Instruments such as the trumpet are in this range.
- 2 kHz: Covers the mid/high sound range. Instruments such as the Flute are in this range.
- 10 kHz: Covers the high sound range. Adds detail to the sound.

BALANCE CONTROL

This control is used to adjust the sound balance level between the left and right channels.

POWER SUPPLY

BATTERY INSTALLATION

- Open the battery compartment lid, located on the back of the unit, by pressing down on the latches.
- Install 10 D size batteries, matching the polarities (+ and - signs) on the batteries to the polarities shown on the back of the unit.
- Replace the battery compartment lid.

NOTES:

- If the Battery/Operation indicator on the VOLUME control is dim or does not light, the batteries are discharged. When this occurs install new batteries.
- If the sound from the unit becomes distorted or if the tape reels turn very slowly or do not turn, replace the batteries.

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

- The batteries must be installed correctly. Refer to the polarity diagram on the back of the unit. Match the (+) and (-) marks on the diagram to the (+) and (-) marks on the batteries.
- Do not mix old and new batteries.
- Do not mix different brands or types of batteries.
- If the unit will not be used for an extended period of time, remove the batteries.

AC OPERATION

Plug one end of the AC power cord into the AC INPUT jack on the back of the unit and then plug the other end into an AC wall outlet.

NOTE: When the AC cord is plugged into the AC INPUT jack, the internal batteries are automatically disconnected.

CAR ADAPTOR

This unit can be powered from a car, by using an optional automotive adaptor. Plug the small end of the adaptor into the DC 12~15V jack on the back of the unit and the other end into the car's cigarette lighter socket.

NOTES:

- The polarity of the center pin of the DC 12~15V jack is negative.
- The internal batteries are automatically disconnected when the automotive adaptor is plugged into the DC 12~15V jack.
- Use only the specified adaptor.

VU METER INDICATORS

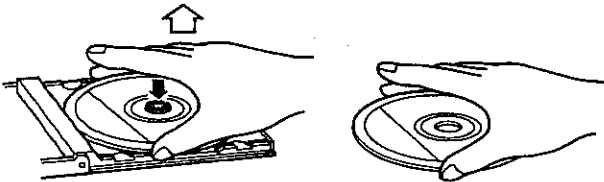
The VU meter indicators show the sound level from the Radio, tape and CD sections. The VOLUME control has no effect on the display.

HANDLING COMPACT DISCS

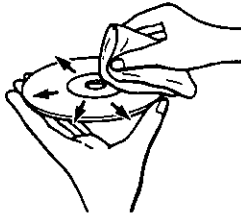
This unit has been designed to play compact discs bearing the identification logo shown below. No other discs can be played.



- 1) To remove a disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.



- 2) Fingerprints and dust should be carefully wiped off the disc's recorded surface with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris so gently wiping with a soft cloth should remove most particles. Wipe in a straight motion from the inside to the outside of the disc.



- 3) Never use chemicals such as record cleaning sprays, antistatic sprays or fluids, benzene or thinner to clean compact discs. These chemicals will permanently damage the disc's plastic surface.
- 4) Discs should be returned to their cases after use to protect them from dust and scratches.
- 5) To prevent warping the disc, do not expose it to direct sunlight, high humidity or high temperatures for extended periods of time.
- 6) Do not apply paper or write anything on the disc surface.

LOADING A DISC

1. Push down on the right side of the CD compartment lid, on the area marked "PUSH OPEN". The lid will open.
2. Hold the disc by the edges and place it carefully on the turntable in the disc compartment. Make sure that the label side is facing up. Close the lid by pushing it down on the right side.

NORMAL PLAY

1. Press the POWER button to ON (button in).
2. Set the FUNCTION switch to CD.
3. Load a disc in the disc compartment. The display will show the total number of tracks on the disc. The display will then revert to the number 1.
4. Press the PLAY/PAUSE button. The PLAY indicator will light and play will begin.
NOTE: To start play from a selected track, press the FFWD button repeatedly, until the desired track number appears in the display. Then press the PLAY/PAUSE button.
5. To temporarily stop play, press the PLAY/PAUSE button. The PLAY indicator will flash. To resume play, press the PLAY/PAUSE button again. The PLAY indicator will stay on.
6. Press the STOP/CLEAR button to end play prior to the last track playing.
7. Play will automatically stop after the last track on the disc has been played.
8. Remove the disc from the disc compartment.
9. Press the POWER button to OFF (button out).

SELECTING TRACK NUMBERS

In the Stop mode

Press the FFWD or FBACK button repeatedly to select a track number.

NOTE: When the last track on the disc has been reached using the FFWD button or the first track has been reached using the FBACK button, the track number will not change.

In the Play mode

- To skip to the beginning of the next track, press the FFWD (SKIP/SEARCH) button.
- To return to the beginning of the track that is playing, press the FBACK (SKIP/SEARCH) button.
- To return to the beginning of the previous track, quickly press the FBACK (SKIP/SEARCH) button twice.
- To scan the disc at high speed, press and hold down the FFWD or FBACK (SKIP/SEARCH) buttons.

PROGRAMMED PLAY

Programmed play allows up to 16 tracks to be memorized and played in any order. The same track number can be entered more than one time.

1. Press the POWER button to ON (button in).
2. Set the FUNCTION switch to CD.
3. Load a disc in the disc compartment. The display will show the total number of tracks on the disc. The display will then revert to the number 1.
4. Press the STOP/CLEAR button.
5. Press the FFWD or FBACK button repeatedly to select the track number to be programmed.
6. When the number of the desired track is displayed, press the MEMORY button. The MEMORY indicator will light.
7. Repeat steps 5 and 6 to program more track numbers. When programming the remainder of the memories (2~16) the selected track number will flash. Press the MEMORY button. The track number will stay on.
8. To check the program contents after all track numbers have been programmed, press the MEMORY button.
9. Press the PLAY/PAUSE button. Programmed play will start.
10. Play will stop after the last programmed track has played.
11. Remove the disc from the disc compartment.
12. Press the POWER button to OFF (button out).

NOTES: Performing any of the following operations will clear the program memory.

- If the STOP/CLEAR button is pressed when the unit is in the stop mode.
- If the STOP/CLEAR button is pressed two times when the unit is in the play mode.
- When the FUNCTION switch is set to another position.
- When the disc compartment lid is opened.
- When the POWER button is pressed to OFF (button out).

REPEAT PLAY

All of the tracks on the disc, or all of the programmed tracks will play repeatedly, until the STOP/CLEAR button is pressed. Press the REPEAT button (the indicator will light) to select this mode, for the following types of repeat play.

- a. one track
- b. all tracks
- c. all programmed tracks

Preparation for repeat play

1. Press the POWER button to ON (button in).
2. Set the FUNCTION switch to CD.
3. Load a disc in the disc compartment. The display will show the total numbers of tracks on the disk. The display will then revert to the number 1.
4. Follow the instructions for repeat play of one track, all tracks or all programmed tracks.
5. When repeat play is completed, remove the disc from the disc compartment.
6. Press the POWER button to OFF (button out).

Repeat play: one track

1. Press the STOP/CLEAR button.
2. Press FFWD or FBACK button to select a track number.
3. Press the MEMORY button. The MEMORY indicator will light.
4. Press the REPEAT button. The REPEAT indicator will light.
5. Press the PLAY/PAUSE button. The PLAY indicator will light and play will begin.

Repeat play: all tracks

1. Press the STOP/CLEAR button.
2. Press the REPEAT button. The REPEAT indicator will light.
3. Press the PLAY/PAUSE button. The PLAY indicator will light and play will begin.

Repeat play: all programmed tracks

1. Press the STOP/CLEAR button.
2. Enter a program (see "PROGRAMED PLAY").
3. Press the REPEAT button. The REPEAT indicator will light.
4. Press the PLAY/PAUSE button. The PLAY indicator will light and play will begin.

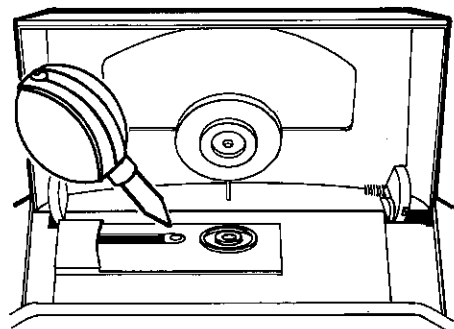
NOTES:

- If the REPEAT button is pressed during repeat play the REPEAT indicator will go off, and the unit will return to normal play. When the STOP/CLEAR button is pressed the REPEAT indicator will go off and repeat play will be cancelled.
- Repeat play of all tracks and all programmed tracks can be selected during normal or programmed play.

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, open the compartment lid. Blow the dust off the pickup, using a camera lens cleaning air blower. This is available at most camera stores. Do not touch the surface of the lens.



RADIO RECEPTION

1. Press the POWER button to ON (button in).
2. Set the FUNCTION switch to RADIO.
3. Set the BAND switch to the desired band.
4. Turn up the VOLUME control to a comfortable level.
5. Tune in a station by rotating the TUNING control until a clear, strong station is heard. For SW₂ reception, fine tune a station accurately with the FINE TUNING control.
FM—Extend the telescoping antenna to its full length and adjust its position to obtain the best reception possible.
SW₂—Lift and extend the telescoping antenna to its full length and position it straight up.
MW/AM and SW₁—Rotate the unit to obtain the best reception possible. The built-in antenna is directional and will usually provide satisfactory reception.
6. Adjust the VOLUME, BALANCE and GRAPHIC EQUALIZER controls as desired.
7. Press the POWER button to off (button out) to turn off the radio.

FM/SW AND EARTH TERMINAL

In case of poor reception when receiving an FM or SW radio broadcast even though the telescoping antenna is fully extended, connect an optional external antenna cord into the FM or SW terminal on the back of the unit and the opposite end on a wall. To further improve the reception quality, connect the optional accessory earth cord into the Earth terminal on the back of the unit and ground the opposite end.

FM STEREO

Set the FM MODE button to STEREO to receive FM stereo broadcasts. The FM STEREO indicator will light when a stereo broadcast is received.

If the FM stereo station tuned, cannot be received clearly (due to excessive noise), set the FM MODE button to MONO. This will reduce the noise, however the station will not be heard in stereo.

INSERTING A CASSETTE

1. Press the STOP/EJECT button on either deck. Press it a second time if the PLAY, FFWD or REW button is depressed.
2. Insert a cassette into cassette compartment A or B, with the full reel on the left, the exposed tape facing the bottom and the side of the cassette to be played or recorded facing outward.

NOTE: Do not use C-120 or endless tape cassettes.

Tape deck A PLAYBACK
Tape deck B PLAYBACK/RECORD

PLAYBACK

1. Press the POWER button to ON (button in).
2. Set the FUNCTION switch to TAPE.
3. Insert a prerecorded cassette into cassette compartment A or B.
4. Set the TAPE A or B button to match the type of tape being used (Normal or CrO₂).
5. Press the PLAY button.
6. Adjust the VOLUME, BALANCE and GRAPHIC EQUALIZER controls as desired.
7. To temporarily stop playback, press the PAUSE button. Press it again to resume playback.
8. When the tape has wound completely onto the right cassette reel, the deck will automatically stop.
9. Remove the cassette from the cassette compartment.
10. Press the POWER button to OFF (button out).

NOTE: Do not leave the PLAY or RECORD buttons depressed when the unit is turned off.

CONTINUOUS PLAYBACK

1. Press the POWER button to ON (button in).
2. Set the FUNCTION switch to TAPE.
3. Insert a prerecorded cassettes into each deck.
4. Press the deck A PLAY button. Playback will start.
5. Press the deck B PAUSE button.
6. Press the deck B PLAY button.
7. Adjust the VOLUME, BALANCE and GRAPHIC EQUALIZER controls as desired.
8. When the end of the tape in deck A is reached, it will stop and playback on deck B will begin.
9. When the end of the tape is reached in deck B, it will stop.
10. Remove the cassettes from the cassette compartments.
11. Press the POWER button to OFF (button out).

NOTE: To recall the correct order to operate the buttons for CONTINUOUS PLAY, refer to the numbered graphics on the right bottom side of the front panel. Match each graphic number to the corresponding number over the deck button and press each button in the order shown.

USING FAST-FORWARD AND REWIND

Press the STOP/EJECT button to stop playback. Press the FFWD or REW button. The tape will rapidly advance in the forward or reverse direction. To stop the tape at any point, press the STOP/EJECT button. When the end of the tape is reached, the button will release automatically.

PREPARATION FOR DUBBING

1. Press the POWER button to ON (button in).
2. Set the FUNCTION switch to DUBBING.
3. Insert a prerecorded cassette into cassette compartment A. Insert a blank cassette to be recorded on, into cassette compartment B.
4. Press the deck B PAUSE button.
5. Press the deck B RECORD button. The PLAY button will lock at the same time.
6. Follow instructions for Normal or High speed dubbing.

NOTE

During dubbing if the tape in DECK A stops before the tape in DECK B, press the DECK B STOP/EJECT button at once. If this is not done the remaining tape in DECK B will be erased.

NORMAL SPEED DUBBING

1. Set the DUBBING button to NORMAL (button out).
2. Press the deck A PLAY button.
3. Press both STOP/EJECT buttons at the same time to stop dubbing.
4. Remove both cassettes from the cassette compartments.
5. Press the POWER button to OFF (button out).

CAUTION

Do not change the DUBBING button position, during dubbing operation.

HIGH SPEED DUBBING

High speed dubbing operates at twice the speed of Normal speed dubbing.

1. Set the DUBBING button to HIGH (button in).
2. Press the deck A PLAY button.
3. Press both STOP/EJECT buttons at the same time, to stop dubbing.
4. Remove both cassettes from the cassette compartments.
5. Press the POWER button to OFF (button out).

NOTE: To recall the correct order to operate the buttons and function switch for dubbing, refer to the numbered graphics on the right lower side of the front panel. Match each graphic number to the corresponding number over the deck buttons and next to the function switch.

EDIT DUBBING

1. While dubbing, press both STOP/EJECT buttons at the same time to stop the tapes.
2. Press the deck A FFWD or REW button to advance or return the tape to the point where you want to continue recording.
3. Press the deck A STOP/EJECT button to stop the tape.
4. Press the deck B PAUSE button.
5. Press the RECORD button. The PLAY button will lock down at the same time.
6. Press the deck A PLAY button to continue dubbing.

CAUTION

If the unit is located near a television, interference may be recorded onto the tape when using high speed dubbing. If this should occur, select normal speed dubbing and rerecord the tape.

RECORDING RADIO PROGRAMS

1. Press the POWER button to ON (button in).
2. Set the FUNCTION switch to RADIO and insert a cassette into cassette compartment B.
3. Select the desired band and tune in a radio station. (Follow the instructions under RADIO RECEPTION.)
4. Press the RECORD button. The deck B PLAY button will lock down at the same time.
5. To temporarily stop recording, press the deck B PAUSE button. Press it once again to resume recording.
6. To stop recording completely, press the deck B STOP/EJECT button.
7. When the tape in deck B has wound onto the right hand reel, deck B will automatically stop.
8. Remove the cassette from the cassette compartment.
9. Press the POWER button to OFF (button out).

OSC (OSCILLATION) SWITCH

When recording MW/AM radio programs, an irritating whistling sound can sometimes be heard. If this happens, set the OSC switch (located on the back of the unit) to one of the other positions.

RECORDING COMPACT DISCS

1. Press the POWER button to ON (button in).
2. Set the FUNCTION switch to CD.
3. Load a disc in the disc compartment.
4. Insert a cassette into cassette compartment B.
5. Press the deck B RECORD button. The PLAY button will lock down at the same time. The CD player starts automatically and recording begins.
6. To stop recording press the deck B STOP/EJECT button.
7. Press the STOP/CLEAR button on the CD.
8. Remove the disc from the disc compartment.
9. Remove the cassette from the cassette compartment.
10. Press the POWER button to OFF (button out).

RECORDING WITH AN EXTERNAL MICROPHONE (NOT INCLUDED)

1. To record "live action," plug an external microphone into the MIC jack on the back of the unit.
NOTE: Use a microphone with a 3.5 mm plug. Consult your local electronic parts dealer for the availability of microphones.
2. Press the POWER button to ON (button in).
3. Set the FUNCTION switch to TAPE.
4. Insert a cassette into deck B, and press the RECORD button. The deck B PLAY button will lock down at the same time.
5. To temporarily stop recording, press the deck B PAUSE button. Press it once again to resume recording.
6. To stop recording, press the deck B STOP/EJECT button.
7. Remove the cassette from the cassette compartment.
8. Press the POWER button to OFF (button out).
9. Unplug the microphone from the MIC jack.

CD PLAYBACK THROUGH AN EXTERNAL UNIT

1. Using a standard audio cable with RCA plugs, connect one end to the L and R CD OUT jacks on the back of the M908DSR and the other end to the L and R AUX or LINE IN jacks of the external unit.
2. Set the FUNCTION or INPUT SELECTOR of the external unit to the correct mode (AUX, LINE IN).
3. Press the POWER button to ON (button in) on the M908DSR and load a disc in the disc compartment.
4. Press the PLAY/PAUSE button.
5. Press the STOP/CLEAR button to end play prior to the last track playing.
6. Play will automatically stop after the last track on the disc has played.
7. Remove the compact disc from the disc compartment.
8. Press the POWER button to OFF (button out).

LISTENING THROUGH HEADPHONES (NOT INCLUDED)

Insert the plug from a pair of headphones into the PHONES jack. When the headphones are plugged in, the speakers are automatically disconnected.

NOTES:

- Be sure to set the VOLUME control to MINIMUM before plugging in or unplugging the headphones. This precaution is necessary to protect your ears and the headphones from damage.
- Use headphones with a 1/4 inch plug. Consult your local electronic parts dealer for the availability of headphones.

ERASING A TAPE

There are two ways to erase tapes:

- A. Record over an unwanted recording.
- B. Erase the tape without recording new material.
 1. Set the FUNCTION switch to CD.
 2. Press the RECORD button. The side of the tape facing you will be erased.

EXTERNAL SPEAKER PLACEMENT

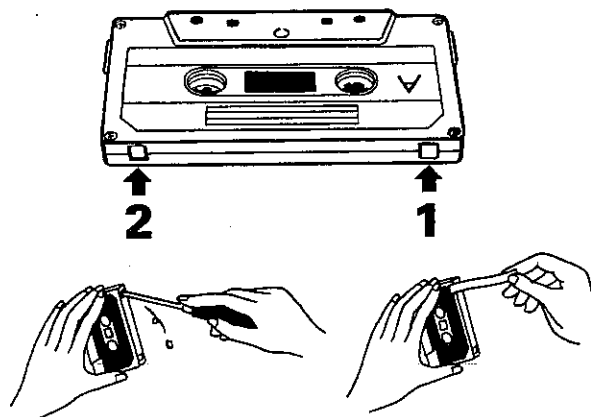
Connect a pair of external speakers (not supplied) to the left and right REAR SPEAKER jacks on the back of the unit.

For the best results:

- a. Place the surround speakers away from the main unit
- b. On either side of the listener
- c. On either side behind the listener

TO PREVENT ACCIDENTAL ERASURE

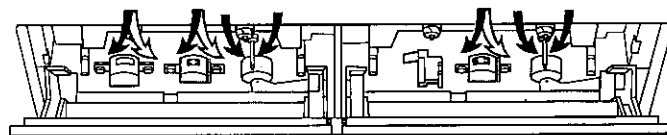
1. Tape cassettes have two erase guard tabs on the back (see diagram below).
2. Remove tab 1 to protect side A. Remove tab 2 to protect side B.
3. The deck B RECORD button will not operate when a cassette without erase guard tabs is used.
4. To erase or re-record a protected cassette, cover the erase guard tab holes with adhesive tape.



CLEANING THE HEADS

For continued high performance from your double cassette deck, periodically clean the heads, pinch rollers and capstans, whenever an accumulation of dust and red-brown oxide particles is noticed. These particles may be removed with a cotton swab moistened with isopropyl alcohol or special head-cleaning fluid.

To do this, press both STOP/EJECT buttons to open the cassette compartments. Remove any cassettes still in the compartments and switch off the power. Carefully rub the faces of each head with a cotton swab moistened with isopropyl alcohol. Also clean the surfaces of the capstans and pinch rollers.

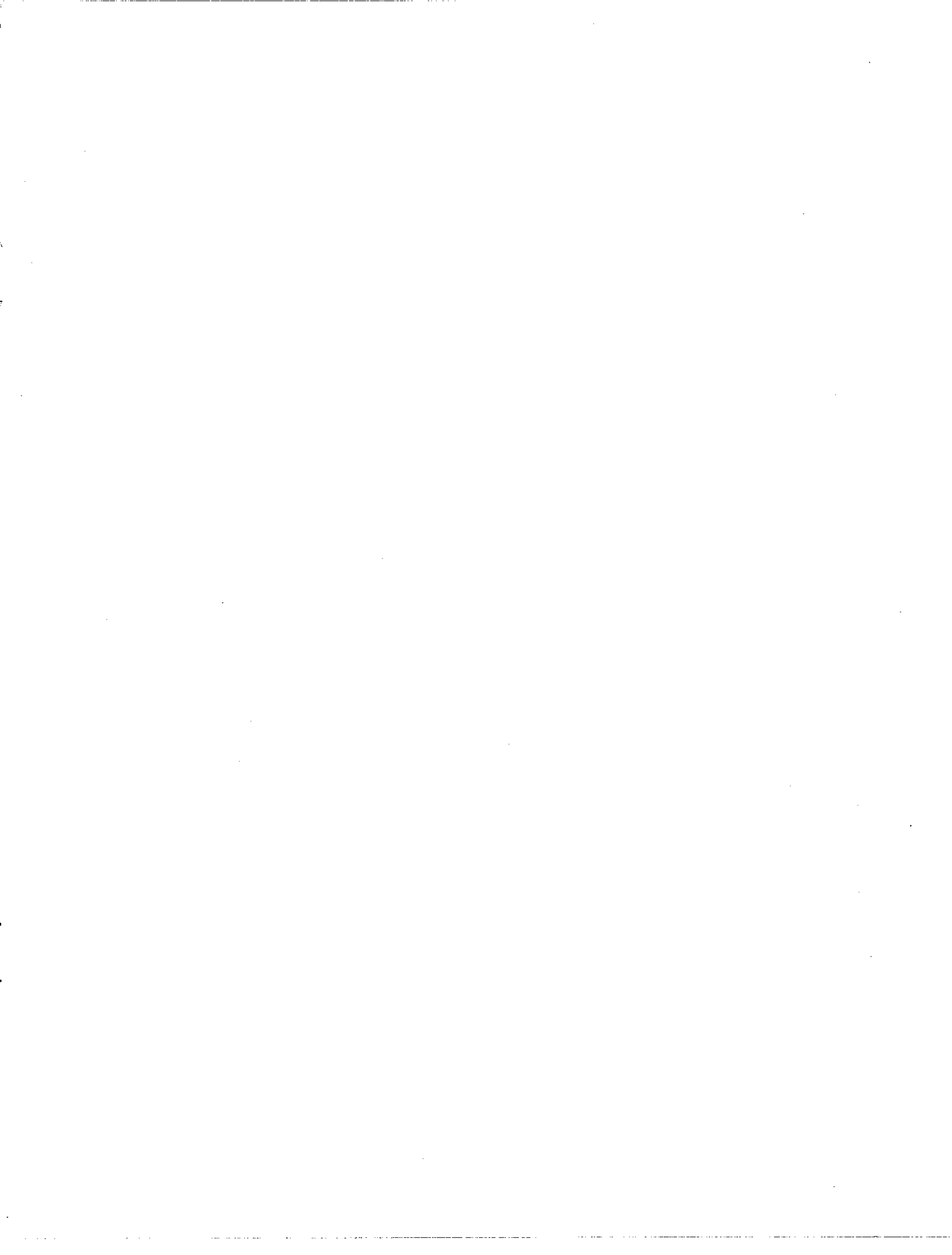


TAPE B

TAPE A

CAUTION

Do not place this unit where it will come in contact with water, a heat source or near a magnetic field. Do not locate the unit where it will be subject to direct sunlight for extended periods of time.





SANYO

SANYO Electric Co., Ltd.