

PRECAUTIONS

Follow the advice below for safe and appropriate operations.

ON PLACEMENT

- Do not use the unit in places which are extremely hot, cold, dusty, or humid.
- Place the unit on a flat and even surface.
- Do not restrict the air flow of the unit by placing it in a place with poor air flow, by covering it with a cloth, or by placing it on a carpet.

ON AC VOLTAGE

- Before use, check that the rated voltage of your unit matches your local voltage.

FCC INFORMATION (FOR USA ONLY)

This device complies with Part 15 of FCC Rules.

Operations are subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesirable operations.

ON SAFETY

- When connecting or disconnecting the AC cord, grip the plug and not the cord itself. Pulling the cord may damage it and create hazard.
- When you are not going to use the unit for a long period of time, disconnect the AC power cord.

ON CONDENSATION

- When left in a heated room where it is warm and damp, water droplets or condensation may form inside the CD player.
- When there is condensation inside the unit, the unit may not function normally.
- Let it stand for 1 to 2 hours before turning the power on, or gradually heat the room up and dry the unit before use.

Should any trouble occur, disconnect the AC power cord and refer servicing to qualified personnel.

SYSTEM CONNECTIONS

SPEAKERS CONNECTING

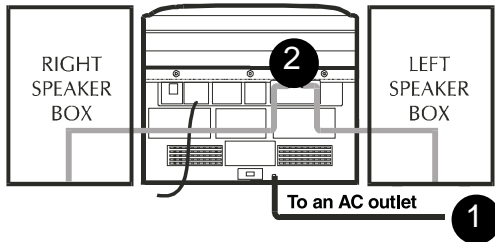
- Connect the wires to the speaker terminals in correct position.
- Connect speakers other than the speakers supplied with the unit may damage the unit.

AC POWER CONNECTING

- Before use, check that the rated voltage of your unit matches your local voltage. Make sure speakers are connected correctly before plugging the AC power cord into an AC outlet.

CAUTION:

- Be sure the AC power cord is disconnected and all functions are off before making connections.

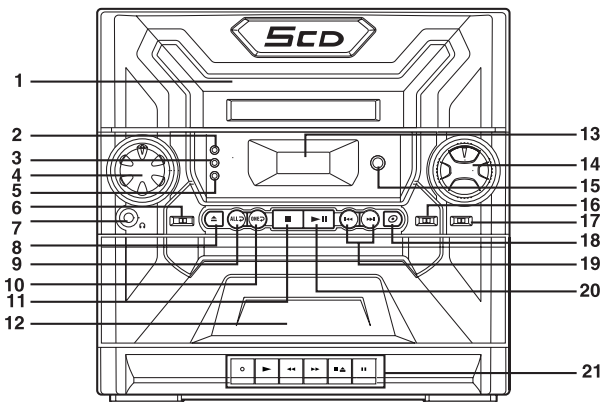


- TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT (FOR USA AND CANADA ONLY).**

FM ANTENNA

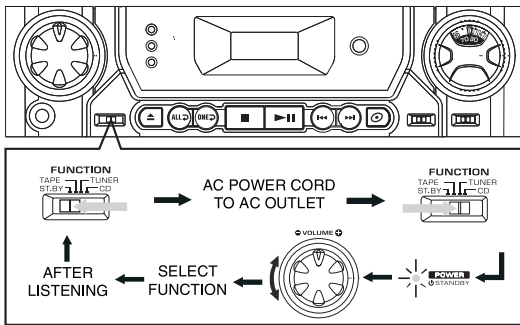
- Do not connect to an outside antenna.

PARTS IDENTIFICATION

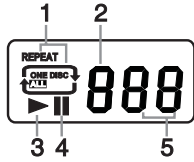


- CD door
- POWER STANDBY indicator
- ON indicator
- VOLUME control
- FM STEREO indicator
- FUNCTION switch (ST.BY/TAPE/TUNER/CD)
- PHONES jack
- CD OPEN/CLOSE button
- CD REPEAT ALL DISC button
- CD REPEAT ONE/DISC button
- CD STOP button
- Cassette holder
- CD display
- TUNING control
- Remote sensor
- Mode selector (BEAT CUT / FM MODE)
- BAND selector (FM/AM)
- DISC SKIP button
- CD SKIP/SEARCH button
- CD PLAY/PAUSE button
- Cassette operation controls
 - REC button
 - PLAY button
 - REWIND button
 - F.FWD (fastforward) button
 - STOP / EJECT button
 - PAUSE button

GENERAL OPERATION



COMPACT DISC (CD) DISPLAY



1. REPEAT mode indicator
2. DISC indicator
3. Playback indicator
4. Pause indicator
5. Track indicator

SOUND ADJUSTMENT

TO ADJUST THE VOLUME

Adjust the VOLUME control to obtain the desired volume level.

FOR PERSONAL LISTENING

Connect headphones (Ø3.5mm stereo mini plug) to the PHONES jack.

Adjust the VOLUME for the desired listening level.

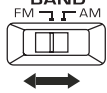
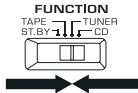
When headphones are connected, the speakers are automatically disconnected.

WHEN RECORDING

The VOLUME controls switch on may be adjusted with no effect on the recorded signal.

RADIO OPERATION

1. Set the FUNCTION switch to TUNER.
2. Select the desired band.



3. Tune into a station.
4. Adjust the volume.



RADIO OPERATION

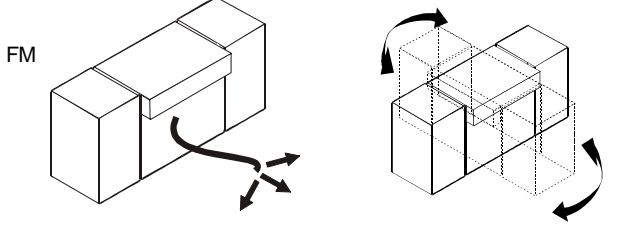
FOR BETTER RECEPTION

Fully unwind the wire antenna. Then extend the wire antenna and place it in the position that sound best.

Rotate the unit to get the best receiving position.

NOTE:

DO NOT CONNECT FM ANTENNA WIRE TO OUTSIDE ANTENNA.



TO RECEIVE THE FM BROADCAST IN STEREO

Set the Mode selector to FM.ST.

When the FM STEREO broadcast is received, FM STEREO indicator lights up.

IF THE FM BROADCAST SIGNAL IS WEAK

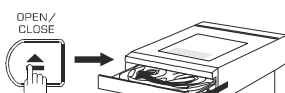
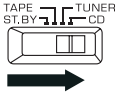
Set the Mode selector to FM MONO position to turn off the FM STEREO indicator and background noises become monaural.

AFTER LISTENING

Set the FUNCTION switch to ST.BY (Standby).

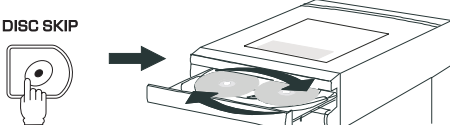
COMPACT DISC PLAYBACK

1. Set the FUNCTION switch to CD.
2. Press the OPEN/CLOSE button to open the disc tray. Place the first disc onto the disc holder, with the label side up.



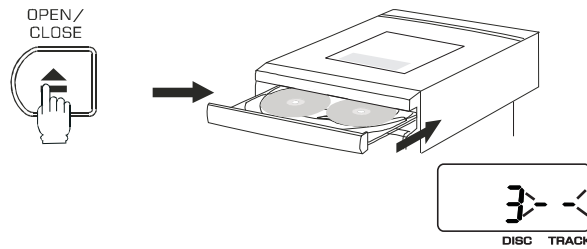
3. Press the DISC SKIP button to revolve the tray clockwise. Place other disc(s) on the disc holder(s).

WARNING: Take out all discs from the disc tray before transportation.



COMPACT DISC PLAYBACK

4. Press the OPEN/CLOSE button to close the disc tray. It takes a short while for your player to check the discs.

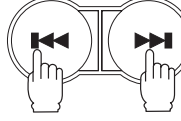


5. Press the DISC SKIP button to select the desired disc. Press either one of the SKIP/SEARCH buttons to select the desired track.

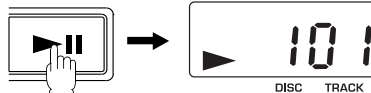
DISC SKIP



SKIP/SEARCH



6. Press ►|| PLAY/PAUSE button to start playback.

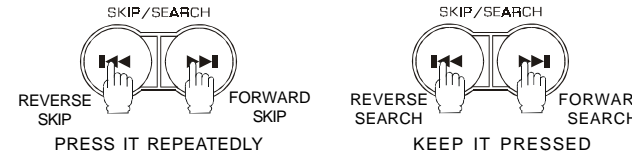


To stop playing:

- a) For a moment only, press ►|| PLAY / PAUSE button and "||" will be displayed. Press this button again to resume playing.
- b) Press CD ■ STOP button.

NOTE:

- To locate a track of currently selected disc, press ◀◀ or ▶▶ SKIP/SEARCH button repeatedly.
- To locate a track of another disc, press DISC SKIP button to get to desired disc first and then press ◀◀ or ▶▶ SKIP/SEARCH button repeatedly.
- To search a track, keep ◀◀ or ▶▶ SKIP/SEARCH button pressed and release it at desired point.

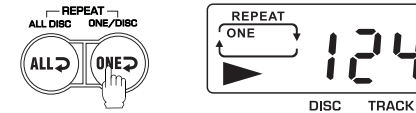


CD REPEAT PLAYBACK

REPEAT PLAYBACK - DURING PLAYBACK MODE

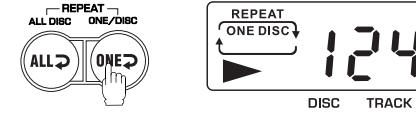
To repeat the current track

- Press REPEAT ONE/DISC button until REPEAT ONE appears on the CD display and the currently playing track will be played repeatedly until the stop button is pressed.
- Press ◀◀ or ▶▶ SKIP buttons with repeat function on, repeat can still skip through different track of the currently selected disc.



To repeat the whole disc

- Press REPEAT ONE/DISC button until REPEAT ONE DISC appears on the CD display and the current disc will be played repeatedly starting from the currently playing point.
- Press ◀◀ or ▶▶ SKIP buttons with REPEAT ONE/DISC function on, one can still search through the whole disc, and the player may start playing from the selected point.



To repeat all disc

- Press REPEAT ALL DISC button until REPEAT ALL DISC appears on the CD display.
- Press on ◀◀ / ▶▶ SKIP buttons can make the player start playing from the newly selected point of the currently playing disc.
- Press on DISC SKIP button can make the player start playing from the first track of the newly selected disc. The ◀◀ / ▶▶ SKIP buttons can be used to choose a particular track on this selected disc, the player will then start playing from that point.



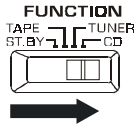
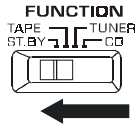
To cancel repeat play

- Press either one of the REPEAT buttons until the word 'REPEAT' disappears from the CD display.



ATTENTION - If the CD player does not operate properly

1. Slide the FUNCTION switch from CD to ST.BY (Standby).
2. Slide the FUNCTION switch from ST.BY to CD.



TAPE PLAYBACK

1. Set the FUNCTION switch to TAPE.

2. Press the STOP/EJECT button.

3. Insert a cassette tape into the cassette compartment.

4. Press the PLAY button to begin playback.

TO STOP PLAYBACK
Press the STOP / EJECT button.

TO INTERRUPT PLAYBACK
Press the PAUSE button.
To resume play, press the PAUSE button again.

TO REWIND AND FASTWIND
Press the REW or F.FWD button. Press the STOP / EJECT button to stop winding at the desired position.

WHEN THE TAPE REACHES ITS END
During fast wind or regular play, the tape will automatically be stopped when its end is reached.

RECORDING FROM BUILT-IN TUNER

USE ONLY NORMAL (TYPE I) TAPE FOR RECORDING
RECORDING FROM THE BUILT-IN TUNER

1. Set the FUNCTION switch to TUNER and tune to your desired station.

2. Insert a tape.

3. Press the RECORD button which also engages the PLAY button.

- If whistle is heard (beat), it may be reduced by switching the "Beat Cut" to the other position.

RECORDING FROM CD PLAYER

USE ONLY NORMAL (TYPE I) TAPE FOR RECORDING
RECORDING FROM THE CD PLAYER

1. Set the FUNCTION switch to CD.

2. Insert a tape.

3. Press the RECORD button which also engages the PLAY button.

4. Press the ►||PLAY / PAUSE button of the CD player.

TO STOP RECORDING
Press the STOP / EJECT button.

TO INTERRUPT RECORDING
Press the PAUSE button.
To resume, press the PAUSE button again.

TO ERASE A RECORDED TAPE
1. Press the FUNCTION button to TAPE.
2. Insert a tape with the side you want to erase facing you.
3. Press the RECORD button to start erasing.

REMOTE CONTROL (OPTIONAL)

1. ▲ OPEN Button

2. ◀◀ - SKIP Button

3. REPEAT Button

4. ▶▶ +SKIP Button

5. DISC SKIP Button

6. ►|| PLAY/PAUSE Button

7. ■ STOP Button

USING THE REMOTE CONTROL CORRECTLY

- Point the Remote Control at the REMOTE SENSOR located on the unit.
- When there is a strong ambient light source, the performance of the infrared REMOTE SENSOR may be degraded, causing unreliable operation.
- The recommended effective distance for remote operation is about 4 meters (13 feet).

REMOTE CONTROL (OPTIONAL)

TO CHANGE REMOTE BATTERY

1. Open the battery door.

2. Insert one CR2025 (3V) size battery.

ATTENTION
Take out the PVC sheet before operating the Remote Control.

BATTERY REPLACEMENT
When battery become weak, the operating distance of the Remote Control is greatly reduced and you will need to replace the battery.

NOTE:
If the Remote Control is not to be used for a long time, remove the battery to avoid damage caused by battery leakage corrosion.

MAINTENANCE

CLEANING CD
If the CD skips or will not play, the disc may need to be cleaned.
Before playing, wipe the disc from the centre out with a cleaning cloth. After playing, store the disc in its case.

CLEANING THE TAPE HEADS
To maintain optimum sound quality, clean the playback/record heads (a), erasure head (b), pinch roller (c), and capstans (d) regularly (every 10 hours of use). Use a cotton swab lightly moistened with cleaning fluid or denatured alcohol.

CLEANING THE UNIT
Do not use volatile chemicals on this unit. Clean by lightly wiping with a soft cloth.

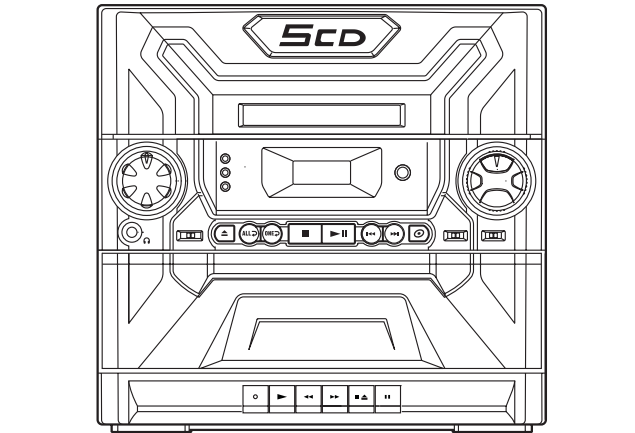
IMPORTANT NOTE:
If an abnormal display indication or an operating problem occurs, disconnect the AC power cord. Wait at least 5 seconds, then reconnect it. Before transporting the unit, take out all the discs from CD tray.

TROUBLE SHOOTING GUIDE

The following checks will assist in the correction of most problems which you may encounter with your system. Before going through the check list below, first check the following points.

SYMPTOM	CAUSE (AND REMEDY)
GENERAL	
No sound.	• Turn VOLUME clockwise. • The headphones are connected. Disconnect them.
No sound from one channel or unbalanced left and right volume.	• Check the speaker connections of the inoperative channel.
Reversed left and right sound.	• Check the speaker cord connection and speaker location.
Lack of bass sound or apparently imprecise physical location of musical instruments.	• Check the speaker connection for proper phasing.
Severe hum or noise.	• The TV or VCR is too close to the stereo system. Separate the stereo system from the TV or VCR.
RADIO RECEPTION	
The FM STEREO indicator flashes.	• Wire the antenna.
Severe hum or noise.	• Wire the antenna.
CD PLAYER OPERATION	
Play does not start.	• The disc is not placed correctly. • Dirty disc. • The disc is inserted upside down. • The player is in the pause mode.
Distorted playback or sound loss during CD playback.	• Moisture condensation. • CD disc is dirty or scratched.
CASSETTE DECK OPERATION	
Recording cannot be made.	• No cassette in the cassette holder. • The tab is removed from the cassette. • The tape is wound completely.
Recording or playback cannot be made or there is a decrease in sound level.	• Dirty head. • Magnetic build-up on the record/ playback head.
Excessive wow or flutter, or sound dropout.	• Contamination of the capstans or pinch rollers.
Insufficient erasure.	• Magnetic build-up on the erase head.
Increase of noise or erase of high frequencies.	• Magnetic build-up on the erase head.

5CD CHANGER
HOME STEREO SYSTEM
OPERATING INSTRUCTIONS



WARNING
EXPLANATION OF GRAPHICAL SYMBOLS:

WARNING
RISK OF ELECTRIC SHOCK. DO NOT OPEN.

The lightning flash with an arrowhead symbol, within the equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute an electric shock to persons.

"WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL."

The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

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

This product contains a low power laser device.

CLASS 1 LASER PRODUCT

CLASS 1 LASER PRODUCT

SPECIFICATIONS

Power requirements AC ~ 120V 60Hz (USA/CANADA)
AC ~ 220V 50Hz (other countries)
AC ~ 230-240V 50Hz (Europe)
AC ~ 240V 50Hz (Australia)
AC ~ 110-120V/220-240V 50/60Hz (other countries)

Power consumption 15 W

Specifications and external apperance are subject to change without advance notice due to continuous product improvement.

IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinch particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Unplug this apparatus during lightening storms or when unused for long periods of time.
- 13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 14) This appliance shall not be exposed to dripping or splashing water and that no object filled with liquid such as vases shall be placed on the apparatus.