

AMWOOD



INSTRUCTION MANUAL



**PORTABLE
STEREO RADIO CASSETTE RECORDER
WITH MP3/CD/CD-R/USB/SD/MMC PLAYER**

CD-93

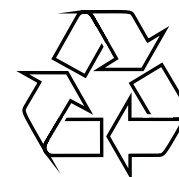
Know these
safety symbols



 This “bolt Of lighting” indicates uninsulated material within your unit which may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering

 The “exclamation point” calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

Dripping warning:
The product shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the product.



For Customer Use
Enter below the Serial No. which is located On the bottom of the cabinet. Retain this information for future reference.

Mode No. _____
Serial No. _____

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

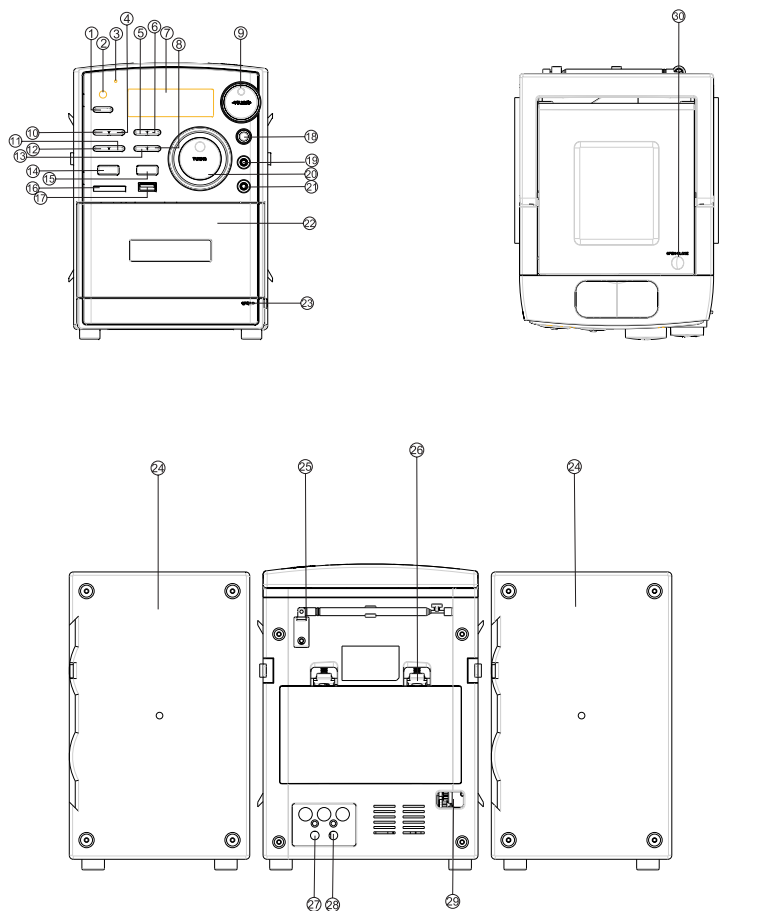
CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT.

Ventilation warning:

The normal ventilation of the product shall not be impeded for intended use.

**CLASS 1
LASER PRODUCT**

FIG 1



- | | |
|-------------------------|-------------------------------|
| 1. POWER BUTTON | 17. USB JACK |
| 2. REMOTE SENSOR | 18. BASS BUTTON |
| 3. STANDBY INDICATOR | 19. AUX JACK |
| 4. STOP/USB/SD BUTTON | 20. TUNING CONTROL |
| 5. PRE-DN | 21. STEREO HEADPHONE JACK |
| 6. PRE-UP | 22. CASSETTE COMPARTMENT |
| 7. LCD DISPLAY | 23. CASSETTE RECORDERS KEYS |
| 8. REPEAT /MO/ST BUTTON | 24. LEFT&RIGHT SPEAKER BOXES |
| 9. VOLUME | 25. FM ANTENNA |
| 10. PLAY/PAUSE BUTTON | 26. BATTERY DOOR |
| 11. MUTE BUTTON | 27. SPEAKER WIRE CONNECTOR(R) |
| 12. EQ BUTTON | 28. SPEAKER WIRE CONNECTOR(L) |
| 13. TIME/PROGRAM BUTTON | 29. AC MAINS |
| 14. FUNCTION BUTTON | 30. CD DOOR |
| 15. RANDOM/BAND BUTTON | |
| 16. SD/MMC CARD JACK | |

English

CONTROLS

POWER SUPPLY

Top and front panels (See 1)

1. POWER BUTTON

- Press POWER button on

2. REMOTE SENSOR

3. STANDBY INDICATOR

4. STOP/USB/SD BUTTON

- stop CD/MP3/USB/IPOD/SD/MMC playback;
erase a CD program.

Press and hold more than 1.5 sec
change USB1.1/MMC/SD/media(only USB)

5. PRE-DN BUTTON

- In the radio mode,
press PRE-DN button to choose the back channel.
- In the mp3 mode,
press PRE-DN button to enter the back folder.

6. PRE-UP BUTTON

- In the radio mode,
press PRE-UP button to choose the next channel.
- In the mp3 mode,

7. LCD DISPLAY

- show the AM/FM dial frequency
- show the number of tracks

8. REPEAT /MO/ST BUTTON

- Repeat a track CD/MP3/USB program.
- Repeat mode : normal->repeat 1->repeat all->
repeat album->normal.
- Press MO/ST button once , to mono state.
- Press MO/ST button twice , to stereo state,
stereo is displayed(In FM mode)..

9. VOLUME

- adjust volume level.

Rotate the volume button to hold the CD/MP3 /
USB/SD/TAPE/IPOD (AUX) / RAID the volume.

10. PLAY/PAUSE BUTTON

- start or pause MP3/CD/USB/IPOD/SD/MMC play

11. MUTE BUTTON

- Press the mute button allows CD / MP3 / USB
/ MMC / SD / TAPE / IPOD (AUX) / the RADIO
to enter the mute state.

12. EQ BUTTON

- Press the button to change EQ CD/MP3 / USB/
SD/MMC/IPOD/RADIO's music style.
- When playing the music, push down this button
is in the popular-jazz-OFF-classica-rock.

13. TIME/PROGRAM BUTTON

- In standby mode, to setup the time of the unit.
- program and review programmed track numbers.
- In the working status, push down this button
can on CD/MP3 / USB/SD/MMC for programming.

14. FUNCTION SELECT

- select source of sound CD/USB/TAPE
IPOD(AUX)/RADIO

15. RANDOM/BAND BUTTON

- In a CD/MP3 / USB/MMC/SD mode,
press this button can be played at random.
- The radio in the mode, press this button
to select the FM STEREO, FM, AM.

16. SD/MMC CARD JACK

- To listen to your SD/MMC card
with Mp3 music files.

17. USB JACK

- To listen to your USB flash memory
stick with Mp3 music files.

18. BASS BUTTON

- Press the BASS button can make the CD/MP3/USB/
MMC/SD/TAPE/IPOD (AUX) / RADIO into the BASS state.

19. AUX JACK

- Push FUNC button , select MP3/AUX station.
Play Mp3, DISCMAN, WALKMAN AUX
insert when no disc.

NOTE: Please take out the CD disc.

20. TUNING CONTROL

- Rotate the TUNING control to find the desired stations.

21. STEREO HEADPHONE JACK

- 3.5 mm stereo headphone jack.

22. CASSETTE COMPARTMENT.

23. CASSETTE RECORDERS KEYS

RECORD (●) - start recording
PLAY (►) - start playback
F.REW (◀) - rewind the tape toward the beginning.
F.FWD (▶) - advance the tape toward the end.
STOP/EJECT (■▲) - stop the tape
- open the cassette compartment
PAUSE (■■) - interrupt recording or playback.

24. LEFT&RIGHT SPEAKER BOXES

25. FM ANTENNA

- to improve FM reception

26. BATTERY DOOR

- to open battery compartment

27. SPEAKER WIRE CONNECTOR(R)

28. SPEAKER WIRE CONNECTOR(L)

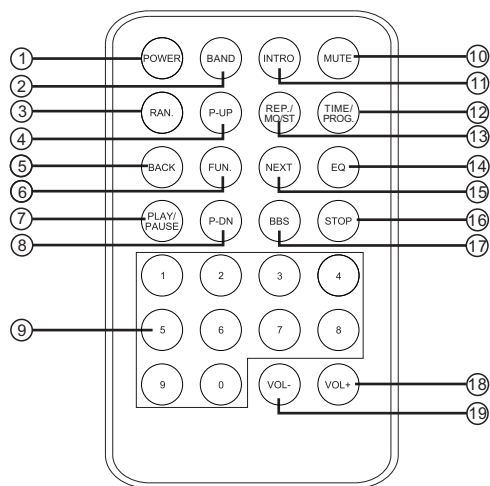
29. AC MAINS

- inlet for power cord.

30. CD DOOR OPEN BUTTON

- press here to open/close the CD door.

Remote Control



1. POWER BUTTON
2. BAND BUTTON
3. RANDOM BUTTON
4. P-UP BUTTON
5. BACK BUTTON
6. FUNCTION BUTTON
7. PLAY/PAUSE BUTTON
8. P-DOWN BUTTON
9. NUMBER KEY
10. MUTE BUTTON
11. INTRO BUTTON
12. TIME/PROGRAM BUTTON
13. REPEAT/MO/ST BUTTON
14. EQ BUTTON
15. NEXT BUTTON
16. STOP BUTTON
17. BBS BUTTON
18. VOL+ BUTTON
19. VOL- BUTTON

* Please pull out the plastic paper from the battery door before use the remote control.
 * When the remote control operation becomes unstable or the distance from which the remote control works is shorter. Replace the batteries with new ones.
 * Using the remote control unit
 To use the remote unit, point at the REMOTE SENSOR and press the buttons gently and firmly. Remote control operation is possible within approximate 18ft (6m). However, since the remote control range is less when the unit is used at an angle, use directly in front of the REMOTE SENSOR, for maximum distance.
 Do not expose the REMOTE SENSOR to strong light (direct sunlight or artificial lighting) and make sure that there are no obstacles between the REMOTE SENSOR and the remote control unit.

USE CLOCK

to setup the time of the unit

1. Connect the ac on (The following operation must be in standby mode).
2. short according to the time button, the time will flashing on the lcd display.
3. Press BACK、NEXT to select the number of the time. You can setup the time format by 12h or 24h.
4. Press time button to confirm.
5. Then you can set the hour and the minute with the same method of steps 3-4.
 after setup the unit time, long press the time button can setup the unit begin working time ,with the same method of steps 3-4.

Note: after setup the beginning time, the lcd will display the radio/cd/usb/aux mode, Press the BACK or NEXT to choose the mode, then it press time button to affirm, otherwise it play usb or aux mode first.

RADIO

Radio reception

1. Press FUNCTION button select RADIO mode.
 2. Press BAND to select the desired wave band: AM, FM, FM ST.
 3. Tune to required station by press BACK、NEXT or PRE-UP、PRE-DN button.
 Manual Tuning: Press BACK or NEXT button and then release within 1 sec.
 Auto Tuning: Press the PLAY/PAUSE button enter the automatic channel surfing mode, and to be put automatically sets.
 reset Channel: (FM 30 Preset memories, AM 10 Preset memories)
 (1) Press BACK or NEXT button to select desired station.
 (2) Press PROGRAM button once, The MEMORY number indicator begins fixed in the display.
 (3) Press PRESET-UP OR PRESET DOWN buttons to select the desired number.
 (4) Press PROGRAM button to save that station.
 (5) Repeat steps (1) to (4) procedures for other stations.
 4. After end of program. Press PRE-UP or PRE-DN to start play the frequency that you selected or press number key on the remote control.
 5. Rotate [VOL-] or [VOL+] to adjust the volume.
 6. Extend TELESCOPIC ANTENNA to its full length if you are listening to FM broadcasting.
 7. Turn off the radio by pressing the FUNCTION button select another mode or press the power button to turn off the unit.
 8. The memory frequency still exists, after switching back on the unit.
- MONO/STEREO**
- Press MO/ST button once to mono state;
 - Press MO/ST button twice to stereo, stereo is displayed.

USING THE CASSETTE

UNDERSTANDING THE BUTTONS

RECORD - Press to record from the radio or CD play.

PLAY - Press to play cassettes.

REW - From stop mode, press to rewind the tape toward the beginning.

F.FWD - From stop mode, press to advance the tape toward the end.

STOP/EJ. - Press to stop current tape activity or to open the cassette compartment door when no buttons are active.

PAUSE - Press to interrupt tape play or record mode, press the second time to resume tape play or tape record mode.

PLAY A CASSETTE TAPE

1.Press FUNC button select TAPE mode.

2.Press STOP/EJ.key to open the cassette compartment door.

3.Insert a recorded cassette and close the cassette compartment door.

4.Press PLAY to start playback.

5.To interrupt playback, press PAUSE ,To resume, press the key again.

6.Press REW/F.FWD to move tape to the desired starting point.

7.Adjust the volume to your desired listening level.

8.To stop the tape ,press STOP/EJ.

- The keys are automatically released at the end of the tape, except if PAUSE has been activated.

RECORDING FROM THE RADIO

1.Tune to the desired radio station.

2.Press STOP/EJ. To open the cassette door.

3.Insert a suitable cassette into the cassette deck and close the cassette door.

4.Press RECORD to start recording. RECORD key and PLAY key go down simultaneously.

5.For brief interruptions ,press PAUSE .To resume recording, press PAUSE again.

6.To stop recording , press STOP/EJ.

7.To hear what you recorded, follow instructions in PLAYING a cassette tape.

RECORDING FROM CD

1.Insert a blank tape into the tape deck.

2.Press CD button on.

3.Load a CD disc into disc compartment and select the desire track you want to record.

4.Press DISC PLAY/PAUSE button to play the desired track(passage)

5.Press RECORD key and the PLAY key will automatically engage.

6.Press PAUSE key to interrupt or edit recording. Press it again to resume recording.

7.Press STOP/EJ. Key to end recording.

8.To hear what you recorded, follow instructions in PLAY A CASSETTE TAPE

PROGRAM METHOD

(1)Press the [PROGRAM] key at STOP mode, system will go to PROGRAM mode.

-The PRG icon and P01 will blink at 2Hz. This prompts the user to enter the first songs in the program PLAY list.

(2)The user can select the desire tracks by using [NEXT], [BACK] keys.

Once these keys are pressed, the Display will show the selected track.

(3)After select the desired track, press [PROGRAM] key again and it will be stored in the memory.

Mp3 Maximum 99 and CD Maximum 20 tracks can be programmed when Repeat steps (2) to (3) procedures.

(4)If press the [STOP] key during the program mode, then the selected TRACKs will be stored in the memory and return to STOP mode (Continuous Play mode)

(5)If press the [PLAY] key during the program mode, it will start the program PLAY mode.

PLAY start from P01 Track

Erasing a program

You can erase the content of the memory by:

- While playing, press STOP button twice.

- Opening the CD door

- Select the other mode.

USE AUX

To listen music with a mp3、discman、walkman、

1.Connect to the AUX.

2.press function selector to DOCKING/AUX, the sound source of the mp3

or discman or walkman will output from the unit.

- Rotate the volume control to adjust the volume.

- The unit can't control the player.

- Connect AUX and DOCKING at the same time, the ipod will not playback.

USE BT

Press FUNCTION button select to BT-A mode. Search BT equipment "SC-807" math

connection, such as need to enter pass word for "0000".

1. Press PLAY/PAUSE button to play or pause playback.

2. Press [VOL-]or [VOL +] to adjust the volume size.

3. Press BACK or NEXT to select tracks.

NOTE: BT effective receiving distance of about 10M,different BT devices may be slightly

different operation, please read carefully before operation you use the BT device (IPHONE,IPAD, MOBILE PHONE,ETC.) instructions.

CD/MP3 PLAYER

CD/MP3 Player

Playing a CD/MP3

This CD-player can play Audio Discs, MP3 CD-R. Do not try to play CD-ROM, CDi, VCD, DVD or computer CD.

1. Press function button to CD state.
 2. To open the CD door, press CD open button.
 3. Insert a MP3/CD or CD-R, with the printed side facing up and press CD door gently to close.
 4. Press play/pause on the set to start playback.
 5. Press the pause button to pause play, press the play button back playing.
 6. To stop CD playback, press stop.
- note: CD/MP3 play will also stop when:
- you open the CD compartment;
 - you select radio sound source;
 - the CD/MP3 has reached to the end.
- selecting a different track.
- during playback you can use back or next to select a particular track.
- if you have selected a track number in the stop or pause position, press play to start playback.
 - press next once briefly for the next track, or press repeatedly until the desired track number appears in the display.
 - press back once briefly to return to the beginning of a current track.
 - press back more than once briefly for a previous track.
- finding a passage within a track
1. press and hold down back or next.
- the CD is played at high speed.
2. when you recognize the passage you want release back or next.
- normal playback resumes.
- different play modes: repeat
- repeat**-play the current track continuously.
- repeat all**-plays the entire CD continuously.
- playing tracks in random order after press the random button, the tracks will be played in random order.

Playing a USB/SD

USB/MMC(SD) Audio functions

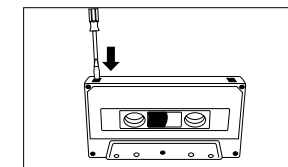
- 1) press function button or stop/usb/sd button to choose the usb or sd state.
 - 2) PLAY/PAUSE
 - 3) NEXT, BACK Skip search
 - 4) Program Track (MP3 99 Track CD 20 Track)
 - 5) PLAYMODE : normal → repeat 1 → repeat all → repeat 1 folder → Shuffle → normal
(There is not repeat 1 folder mode in Program PLAY mode)
 - 6) Maximum Folder : 99 Folders
 - 7) Maximum File : 999 Files
 - 8) USB_UP (Select USB/MMC(SD))
- User can switch over USB to MMC(SD) with pressing [USB_UP] key (Key Pad STOP Long Key).
- Then "--" will be displayed. Press PLAY button to start playback.
- If a device is successfully read, then the correspond device is ready to play a file.
- If a device fails to be read, then "NO" will be appeared on the Display to indicate that there is no device.
- *Notice : If no device is attached or the player fails to read the device when a user switchover USB to MMC(SD) with pressing [USB_UP] key, then "NO" is displayed and the system moves into the STOP mode.
- When the unit has not the disc, inserting the usb/sd card will automatically read usb/sd card, it read the USB first while having the USB.
 - The unit don't support the HDD all and the portion usb with mp3 player.

Note: at the mode of CD/MP3 / USB/MMC(SD), the LCD will display the number of song or the song playing time. if at the mode of docking/aux, the LCD will display the symbol of docking (au), or the unit time.

RECORDING

GENERAL INFORMATION ON RECORDING

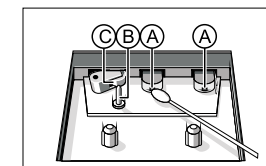
- Recording is permissible in so far as copyright or other rights of third parties are not infringed.
- This deck is not suitable for recording on CHROME (IEC II) or METAL (IEC IV) type cassettes. For recording, use NORMAL type cassettes (IEC I) on which the tabs have not been broken.
- The best recording level is set automatically.
Altering the VOLUME controls will not affect the recording in progress.
- At the very beginning and end of the tape, no recording will take place during the 7 seconds, when the leader tape passes the recorder heads.
- To protect a tape from accidental erasure, have the tape in front of you and break out the left tab. Recording on this side is no longer possible. To record over this side again, cover the tabs with a piece of adhesive tape.



MAINTENANCE

Tape deck maintenance

To ensure quality recording and playback of the tape deck, clean parts A, B and C shown in the diagram below, after approx. 50 hours of operation, or on average once a month. Use a cotton bud slightly moistened with alcohol or a special head cleaning fluid to clean the deck.



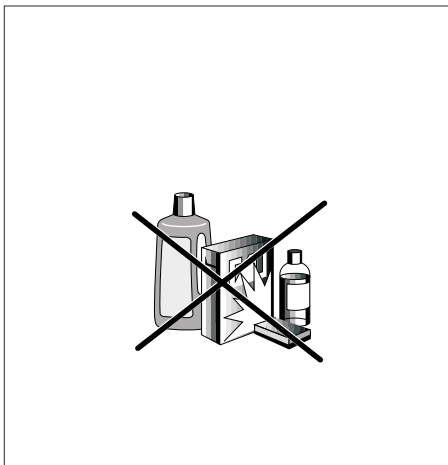
1. Open the cassette door by pressing **STOP • EJECT**.
2. Press **PLAY** and clean the rubber pressure rollers C.
3. Press **PAUSE** and clean the magnetic heads A and also the Capstan B.
4. After cleaning, press **STOP • EJECT**.

Note: Cleaning of the heads can also be done by playing a cleaning cassette through once.

MAINTENANCE & SAFETY

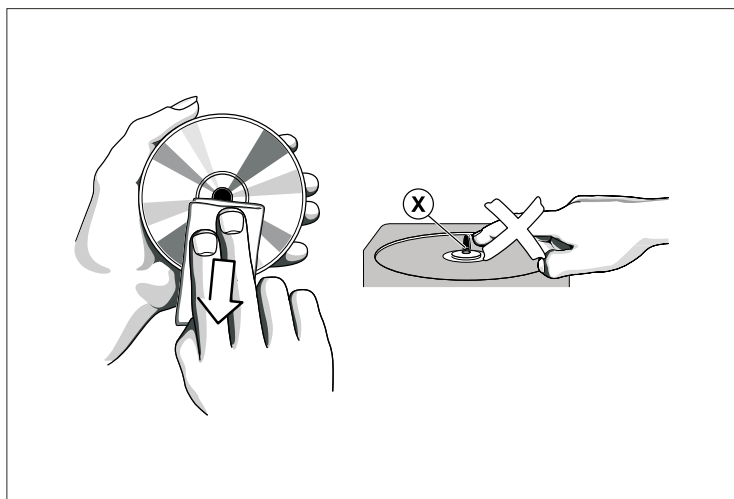
Precautions & General Maintenance

- Place the set on a hard and flat surface so that the system does not tilt.
- Do not expose the set, batteries or CDs to humidity, rain, sand or excessive heat caused by heating equipment or direct sunlight.
- Do not cover the set. Adequate ventilation with a minimum gap of 6 inches between the ventilation holes and surrounding surfaces is necessary to prevent heat build-up.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
- To clean the set, use a soft dry cloth. Do not use any cleaning agents containing alcohol, ammonia, benzene or abrasives as these may harm the housing.



CD player and CD handling

- The lens of the CD player should never be touched!
- Sudden changes in the surrounding temperature can cause condensation to form and the lens of your CD player to cloud over. Playing a CD is then not possible. Do not attempt to clean the lens but leave the set in a warm environment until the moisture evaporates.
- Always close the CD door to keep the CD compartment dust-free. To clean, dust the compartment with a soft dry cloth.
- To clean the CD, wipe in a straight line from the centre towards the edge using a soft, lint-free cloth. Do not use cleaning agents as they may damage the disc.
- Never write on a CD or attach any stickers to it.



TROUBLESHOOTING

Troubleshooting

If a fault occurs, first check the points listed below before taking the set for repair.

Do not open the set as there is a risk of electric shock.

If you are unable to remedy a problem by following these hints, consult your dealer or service center.

WARNING: Under no circumstances should you try to repair the set yourself, as this will invalidate the warranty.

- Problem
- Solution

No sound /power

- Volume not adjusted
- Adjust the VOLUME
- power cord not securely connected
- Connect the AC power cord properly
- Batteries dead/ incorrectly inserted
- Insert (fresh) batteries correctly

Display does not function properly / No reaction to operation of any of the controls

- Electrostatic discharge
- Switch off and unplug the set. Reconnect after a few seconds

Poor cassette sound quality

- Dust and dirt on the heads, etc.
- Clean deck parts etc., see Maintenance
- Use of incompatible cassette types (METAL or CHROME)
- Only use NORMAL (IEC I) for recording

Recording does not work

- Cassette tab(s) may be broken
- Apply a piece of adhesive tape over the missing tab space

no disc indication

- No CD/MP3 inserted
- Insert a CD,MP3, CD-R.
- CD badly scratched or dirty
- Replace/ clean CD, see Maintenance
- CD-R, is blank or the disc is not finalized
- Use a finalized CD-R.

CD/MP3/USB/SD playback does not work

- CD/MP3/USB/SD badly scratched/dirty
- Replace/clean CD/MP3/USB/SD (see maintenance)
- Laser lens steamed up
- Wait until lens has adjusted to room temperature

The CD/MP3 skips tracks

- CD/MP3 damaged or dirty
- Replace or clean CD/MP3
- Program is active
- Quit Program mode(s)

Environmental information

We have done our best to reduce the packaging and make it easy to separate into 3 materials: cardboard, paper pulp and expandable polyethylene.

Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging, dead batteries and old equipment..

TECHNICAL SPECIFICATIONS

GENERAL

Power Requirement	AC 127V~60HZ
Power consumption	AC 21 Watts
Dimensions.....	Approx.434 mm(L)x214 mm(W)x228mm(H)
Operation temperature.....	+5 °C - +35°C

RECEIVER SECTION

Receiving Bands.....	AM/FM
Tuning Range.....	AM: 530-1710KHz FM: 87.5-108MHz

COMPACT DISC SECTION

Optical Pickup.....	.3-Beam Laser
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CASSETTE SECTION

Recording System.....	2 Tracks 2Channel (Stereo)
Biasing System.....	DC bias
Frequency Response	125 -6.3 K H z
Wow And Flutter	0.35% WRMS (JIS)
Frequency Response.....	100Hz - 16KH z

AUDIO SECTION

Power output	Maximum 3 Watt x 2
Headphone Impedance	4 ~ 32 Ohms

ACCESSORIES

Instruction Booklet.....	1
Remote contro.....	1

FCC

This device complies with Part 15 of the FCC Rules. Operation is 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 undesired operation.

Warning:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Warranty

Basic Warranty Statement

Supersonic Inc. ("Supersonic") warrants this product to the original purchaser ONLY, to be free from defects in materials and workmanship under normal use, for ninety (90) DAYS from the date of original purchase. Proof of purchase (receipt) required.

Please visit <http://www.supersonicinc.com/warranty> for additional information.

Made in China