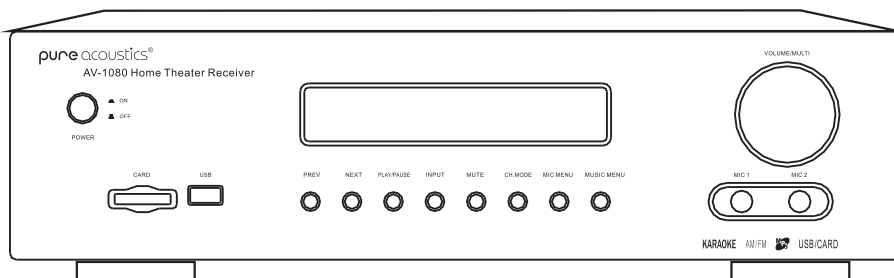


pure acoustics®

USER'S MANUAL

5.1 CH HOME THEATER RECEIVER MODEL NO.: AV-1080



KARAOKE AM/FM **MP3** **USB/CARD**

5.1 CH RECEIVER
AM/FM TUNER
USB CARD READER
DIGITAL ECHO KARAOKE
FULL FUNCTION REMOTE CONTROL

Please read the instruction manual carefully before connection

Thank you for purchasing our products, which displays your superior knowledge of audio equipment. You have made an excellent product choice.

Please read all safety and operating instructions in this manual carefully before trying to operate the unit.

INSTALLATION & SAFETY PRECAUTIONS

- *Always connect the power plug to the voltage range specified to the unit 240V~ ,50Hz in order to avoid fire or electric shock.
- *Never plug or unplug the unit with wet hands. Never unplug the unit by pulling the power cord .Always hold the plug firmly when unplugging.
- *Never block or cover any slots or openings in the unit as this will give poor ventilation that may cause overheating.
- *Always turn off or unplug the unit before making or changing any connections.
- *Never remove any fixed cover,as this may expose dangerous voltage that may cause electrical shock.
- *Never allow electrical/electronic parts to be exposed to dripping or splashing of liquids and never place an object filled with liquids such as a vase on top or beside the unit.
- *Do not put any small metal objects into the unit opening that might cause short-circuit or electrical shock.
- *Always unplug the unit if will not be used for a long period of time.
- *Never use the unit during a thunderstorm. Immediately unplug the unit.
- *Never try to repair or modify this unit. Always send the unit to a qualified service centre for repair.

WARNING



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

SPEAKERS SETUP

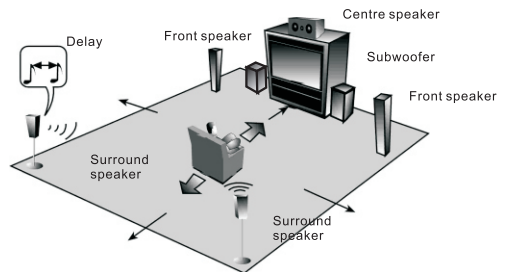
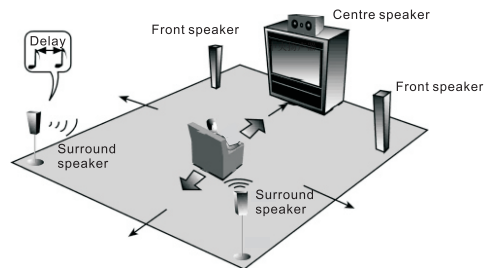
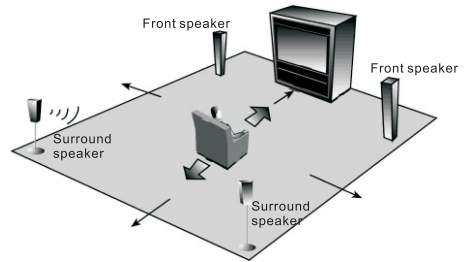
SET UP YOUR SPEAKER SYSTEM

Your 5 speaker surround sound system provides excellent sound. The rear speakers provide background sound effects while the centre speaker is used for voice effects.

Main speakers and rear surround speakers also can provide an authentic surround sound experience.

The centre speaker is used for dialogue and vocal sounds.

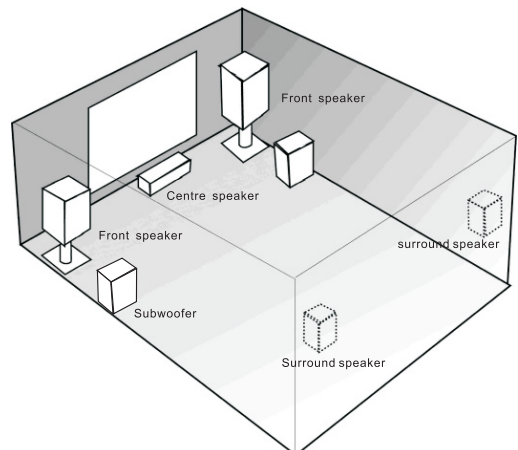
In order to increase the bass sound, a subwoofer is essential.



PLACEMENT OF SPEAKERS

Front speakers can be put in the usual position.

Centre speaker should be positioned higher or lower than the TV screen to avoid magnetic influence (or use magnet proof speakers). The rear surround speakers should be placed behind you, at least 2 metres from the floor.



SPEAKER CHOICE

Ensure that the speakers are powerful enough.

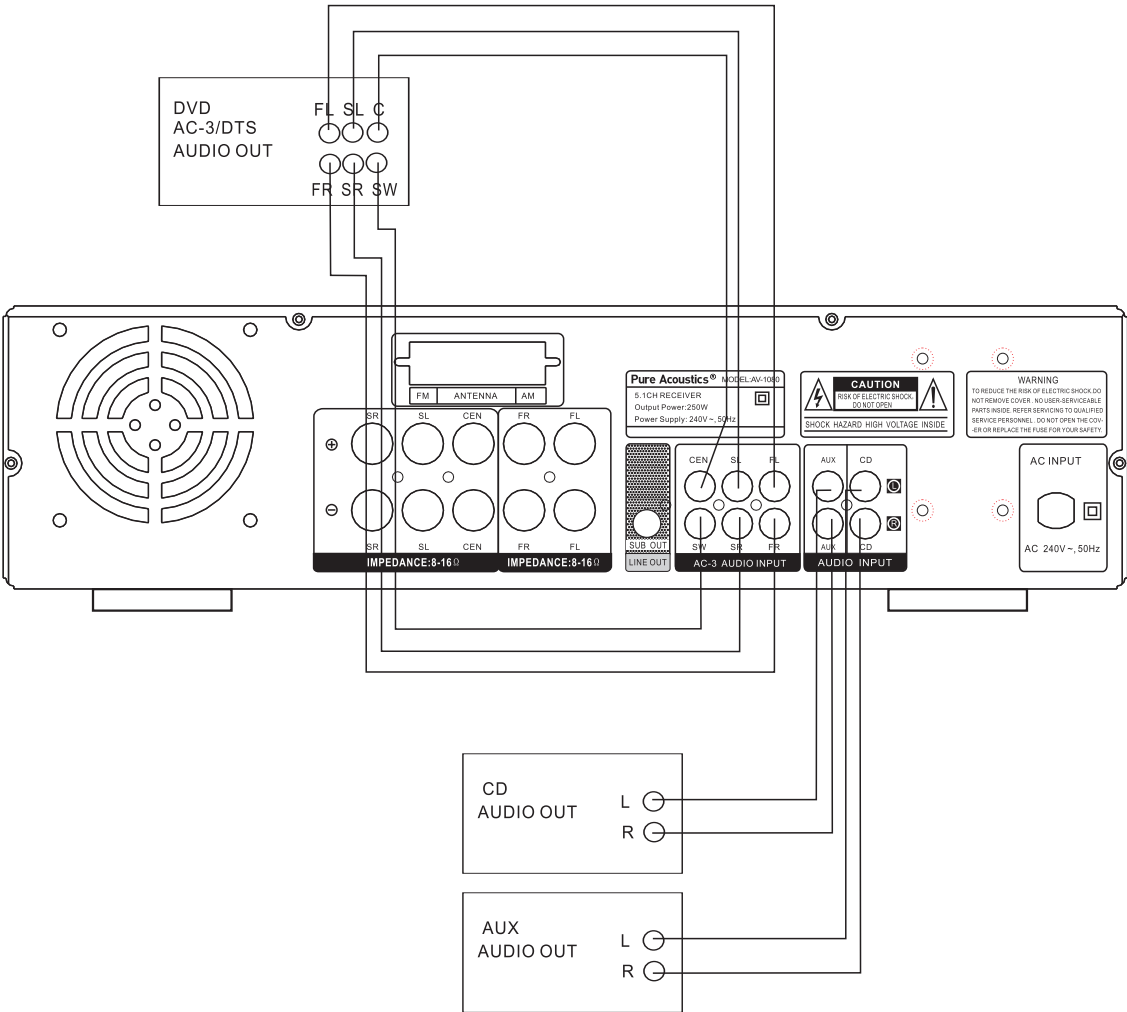
Front speaker impedance should be $8\ \Omega$ - $16\ \Omega$.

Centre and surround speaker impedance should be $8\ \Omega$ - $16\ \Omega$.

CONNECTION DIAGRAM:

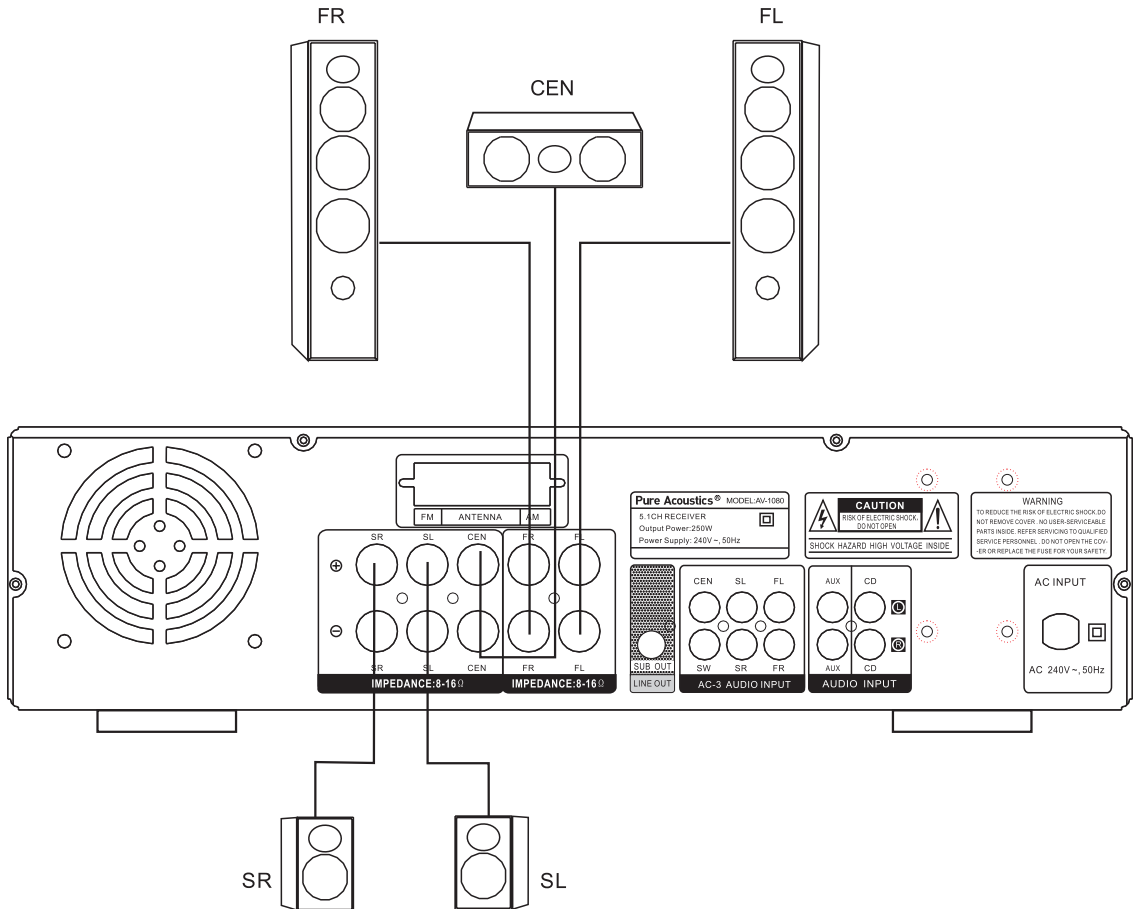
Note:

- Always unplug the unit when making connections.
- Check all connections(RCA Cords) are firmly fitted.
- Check all speakers are connected to their correct designated position.



SPEAKER CONNECTIONS INSTRUCTIONS

1. The speaker impedance should be correct (read "Speaker Choice"), or this unit or speakers could be damaged.
2. Do not let the bare speaker wires touch each other or any other metal parts as this could damage this unit or speakers.
3. Make sure the polarity of speaker wires is correct, '+' to '+', and '-' to '-', if these wires are incorrectly connected, the sound will be unnatural.



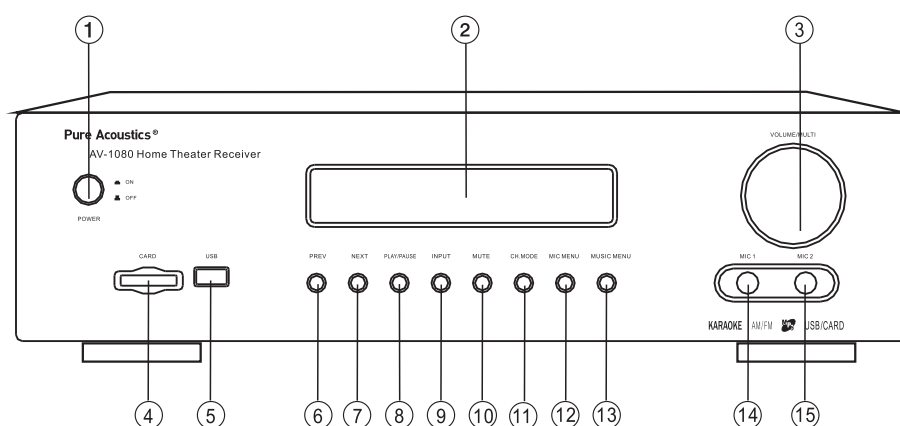
CONNECTING SPEAKER SYSTEM

Connect the speaker terminals to the speaker wire. Ensure that the speaker wire is the correct gauge and cut it as short as possible.

Cut off the insulation about 10mm from the wire. If the bare wire is loose, please connect it up.



CONTROLS ON PANEL



1. POWER SWITCH

Turn on and off the unit power.

2. VFD

3. VOLUME/MULTI

This is used to adjust the volume of the receiver or adjust multi-function.

4. CARD

Card reader terminal.

5. USB JACK

Connect your usb device .

6. PREV

Press this key to choose previous article.

7. NEXT

Press this key to choose next article.

8. PLAY/PAUSE

Press this key to play or pause.

9. INPUT SELECTOR

This switch selects the desired input source.

10. MUTE

Press this key to mute volume .

11. CH.MODE

Press this key to choose channel mode .

12. MIC MENU

This is used to select karaoke menu.

13. MUSIC MENU

This is used to select music menu.

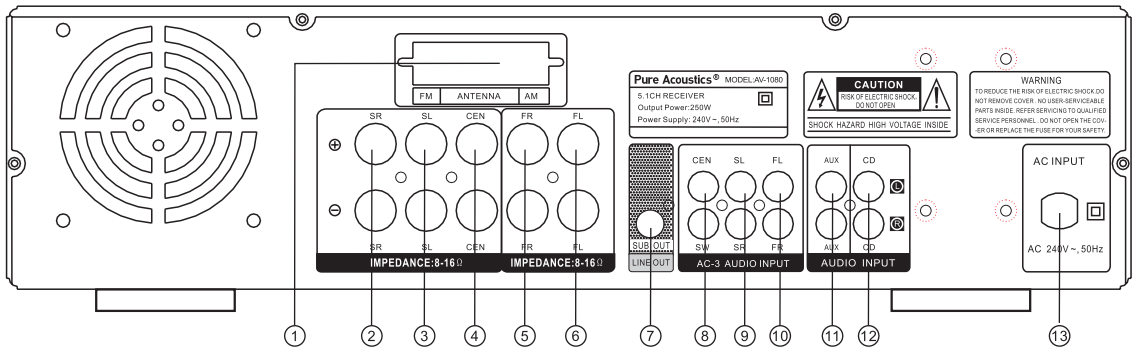
14. MIC SOCKET 1

Microphone input 1 .

15. MIC SOCKET 2

Microphone input 2 .

TERMINALS ON REAR



1. FM/AM ANTENNA

2. SURROUND SPEAKER (RIGHT) TERMINAL

Connect to surround speaker(right), the impedance equal or more than 8-16 OHM.

3. SURROUND SPEAKER (LEFT) TERMINAL

Connect to surround speaker(left), the impedance equal or more than 8-16 OHM.

4. CENTRE SPEAKER TERMINAL

Connect to centre speaker. The impedance equal or more than 8-16 OHM.

5. FRONT SPEAKER (RIGHT) TERMINAL

Connect to front speaker(right), the impedance equal or more than 8-16 OHM.

6. FRONT SPEAKER (LEFT) TERMINAL

Connect to front speaker(left), the impedance equal or more than 8-16 OHM.

7. LINE OUT

Subwoofer lineout jack.

8. DVD/AC-3 CENTRE AND SUBWOOFER INPUT JACK

Connect to DVD/AC-3 centre and subwoofer signal output jack.

9. DVD/AC-3 SURROUND INPUT JACK

Connect to DVD/AC-3 surround left and right signal output jack.

10. DVD/AC-3 FRONT INPUT JACK

Connect to DVD/AC-3 front left and right signal output jack.

11. CD AUDIO INPUT JACK

Connect to CD signal output jack.

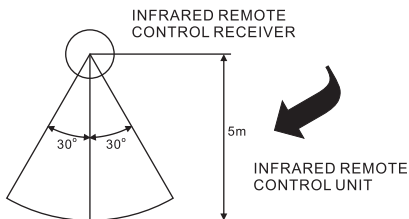
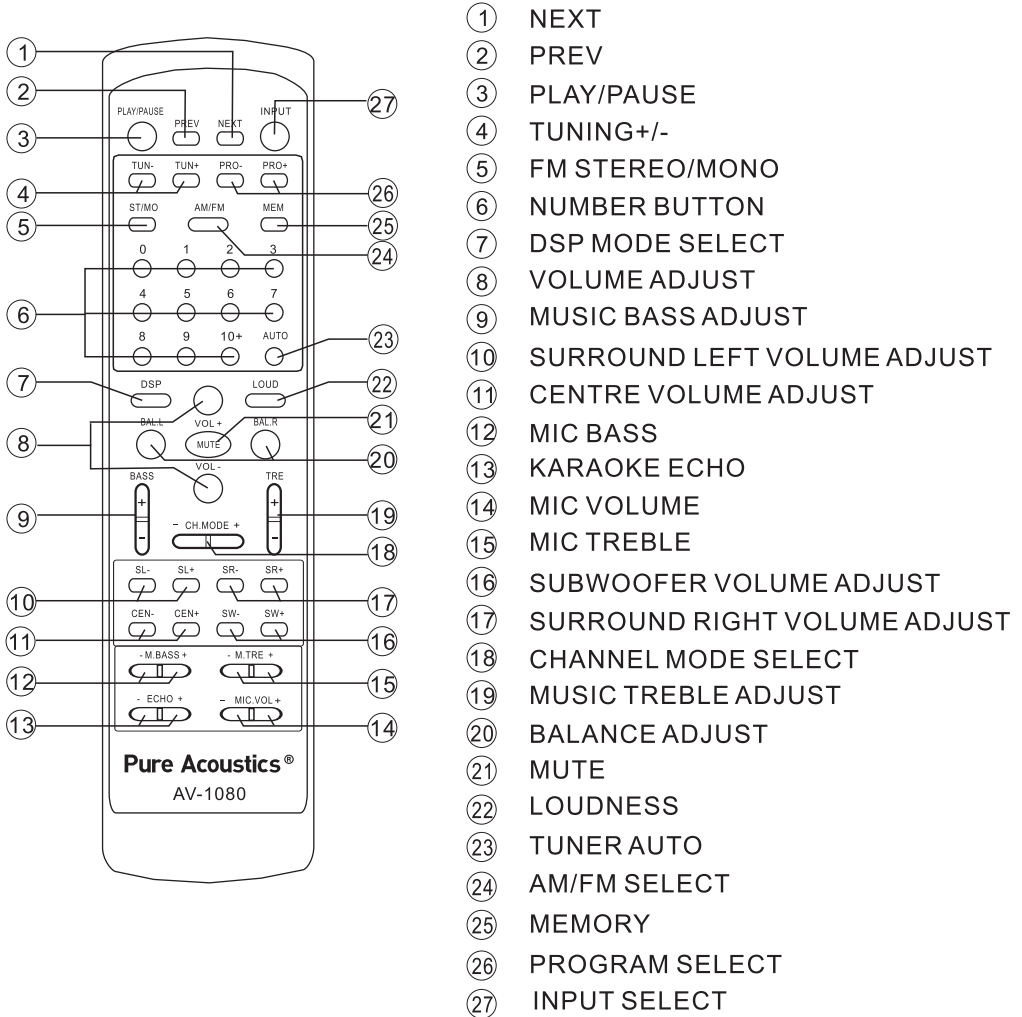
12. AUX AUDIO INPUT JACK

Connect to AUX signal output jack.

13. AC INPUT(240V~,50Hz)

REMOTE CONTROL FUNCTION INTRODUCTION

Remote Control



REMOTE CONTROL OPERATING CONDITION:

- If the remote control is conflicting with other devices, the operation will be affected, but not the unit.
- Do not simultaneously press the button of the unit and the remote control.
- Avoid using two remote controls at the same time as this will cause malfunction.
- Use only UM-4 "AAA" size battery, don't mix old batteries with new ones.
- If the battery leaks, clean thoroughly before replacing with new ones.
- Do not short two terminals of the battery, dispose of old batteries in a proper place.

Normal function

1. Select audio source by pressing the key INPUT on the front panel or on the remote control.
When selecting AC-3 input, the machine can link decoder to 5.1 channel output.
2. Adjust the knob VOLUME/MULTI on the front panel or the key VOL+/- on the remote control to adjust the setting of the main volume control to your listening level.
3. Press the keys MUSIC MENU on the front panel or the key TREBLE+/- on the remote, then press +/- to increase or decrease music treble effect.
Press the keys MUSIC MENU on the front panel or the key BASS+/- on the remote, then press +/- to increase or decrease music bass effect.
4. Press the MUTE key on the front panel or the key MUTE on the remote control to mute, press it again to reset.
5. Press the MUSIC MENU key on the front panel or the key DSP on the remote control, to select dsp mode.
6. Press the key CH.MODE on the front panel or the key CH.MODE+/- on the remote control, to select channel mode.
When select AC-3 input, it will be set on 5.1CH.
7. Press the keys SW+/-, SL+/-, SR+/-, CEN+/- on the remote control to change subwoofer, surround speakers and centre speaker volume.

KARAOKE function

1. The machine can auto detect whether MIC1 or MIC2 being inserted.
Please turn off microphone volume and adjust the volume gradually after inserting microphone.
2. Adjust the knob VOLUME/MULTI on the front panel or the key MIC.VOL+/- on the remote control to adjust microphone volume.
3. Press the key MIC.MENU on the front panel to display M.TRE or M.BAS, then adjust the knob VOLUME/MULTI, or press the key TREBLE+/- or BASS+/- on the remote control to change microphone tone.
4. Press the key MIC.MENU on the front panel to display ECHO, then adjust the knob VOLUME/MULTI, or press the key ECHO+/- on the remote control to change microphone ECHO.

Note:

Please don't touch the top of the microphone when singing to avoid howling effect.

Please adjust the microphone volume gradually to avoid howling effect.

Tuner application

1. Before using radio function, you must attach the supplied antenna. Adjust the antenna to obtain optimum reception.
Press INPUT key on the front panel or on the remote control, to select "TUNER" function.
2. Press AM/FM button on the remote control, to select AM band or FM band.
3. Press the key PRO+/PRO- on the remote control to find the radio bands you've memorized before.
4. Press the key TUN+/TUN- on the remote control to adjust the radio frequency by hand.
5. Press the key AUTO on the remote control, the machine can scan radio channels from low-frequency to high-frequency by itself, and memorize the channels one by one.
6. Press the key MEMORY on the remote control to memorize the current radio frequency in the band. The machine can memorize at most 40 FM radio bands and 20 AM radio bands.
7. Choice FM band.
Press the key ST/MO on the remote control, to select stereo or mono.

TROUBLE SHOOTING

For your convenience, we have enlisted some points to help to solve problems you might encounter .

Problem	Possible Cause	Suggested Solution
The display does not light and there is no output sound	Power cord not plugged in securely	Check power cord & plug connection
Display lights but sound is not produced	Speaker connections not secure Volume control at minimum level	Connect securely Turn volume up
No sound from Centre channel	Speaker connections not secure Centre channel volume set to minimum	Connect securely Adjust Centre channel volume control
Sound from one channel only	Speaker connections Input/Output connections Left/Right balance off	Connect securely Connect securely Adjust balance control
Sound channel no sound	Speaker connections Surround channel volume set to minimum	Connect securely Adjust Surround channel volume control
Instrument sound reversed in stereo playback	Incorrect speaker polarity Incorrect input polarity	Ensure+ and - connections are connections Ensure+ and - connections are connections
Card does not play	Loaded incorrectly	Make sure the card is loaded correctly
Receiver does not operate correctly with remote	Batteries dead Batteries inserted incorrectly Remote too far from receiver Obstacle between remote and receiver Incorrect button being used	Replace batteries Check are correct Use closer Remove obstacle Use correct button

SPECIFICATION

Output Power	-----	250W(8Ω)
Frequency Response	-----	20Hz~20KHz
Max. Input Capability	-----	300mV
Distortion	-----	<0.1%
S/N	-----	75dB

GENERAL REQUIREMENT

Power source	-----	240V~,50Hz
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Accessory

Operation manual	1PC
Remote Control	1PC
AM/FM Antenna	1SET

ϕThe specification presents only as a reference. Weight and size values are approximate.

ϕOur product specifications are subject to change without prior notice.

ϕThe content of this manual has been collated carefully. If there are any mistakes caused by printing or other reasons, please contact us, and we will endeavour to assist you where possible.

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