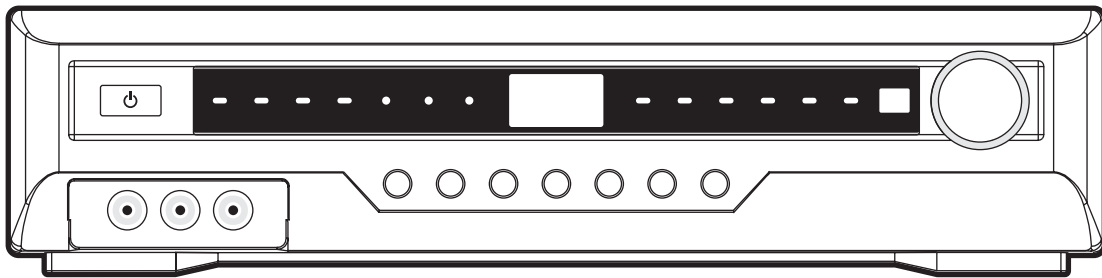


HOME THEATER SYSTEM

Instruction Manual



 **DOLBY**[®]
DIGITAL

 **DOLBY SURROUND**[®]
PRO • LOGIC

VCR
AV INPUT

DVD
INPUT

3 AV
INPUT

Please read the instruction manual carefully before using your unit.


GENERAL

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Introduction

Thank you for purchasing this Home Theater System. Please read this instruction manual for best results.

Manufactured under license from Dolby Laboratories. 'Dolby', 'Dolby Digital', 'Pro Logic' and the double-D symbol  are trademarks of Dolby Laboratories.

Supplied Accessories

Remote control	x1
Subwoofer	x1
Satellite speaker	x5
Audio/Video cable	x1
Instruction manual	x1

IMPORTANT SAFETY INSTRUCTIONS

WARNING

TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE THIS PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE. TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



The lightning flash with arrowhead symbol, within an 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 a risk of electric shock to persons.

WARNING

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

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



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

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 spilled or objects have fallen into the apparatus, the apparatus 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.

PRECAUTIONS



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

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

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



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 cause an electric shock.



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



The symbol for Class II (Double Insulation)

FCC Information

This device complies with Part 15 of 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 undesirable operation.

Notes 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.
- In a cabinet, allow about 2.5cm (1 inch) of free space around the unit for adequate ventilation.
- 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 carpet.

Notes 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 a hazard.
- Unplug the unit during lightning storms or when unused for a long period of time.
- Check that the rated voltage of your unit matches your local voltage before use.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.

Note on Condensation

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

Notes on Maintenance

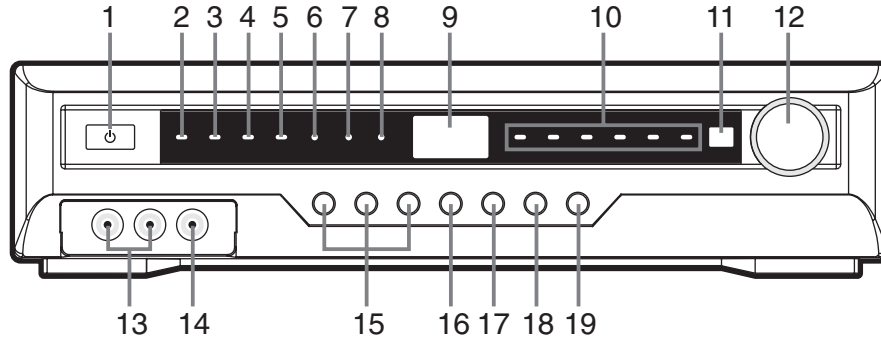
- Do not use volatile chemicals on this unit. Clean by lightly wiping with a soft cloth.
- Do not place a heavy object on or step on the unit. The object may fall, causing serious personal injury and serious damage to the unit.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the unit.

WARNING:

- Should any trouble occur, disconnect the AC power cord and refer servicing to a qualified technician.
- Do not place anything directly on top of the unit, it may cause damage.

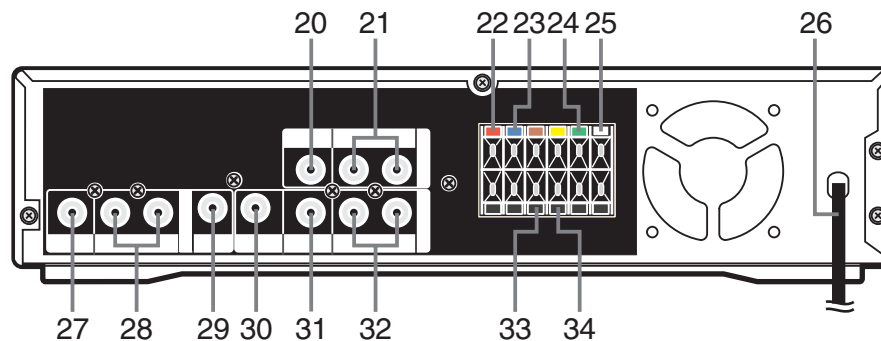
FUNCTION CONTROL

Front Panel



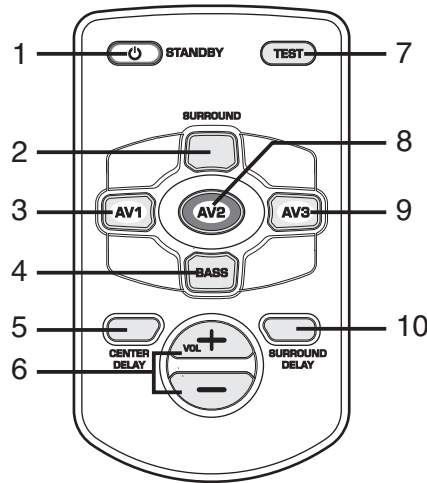
1. **STANDBY/ON button**
Turns the unit ON, or puts the unit into STANDBY mode.
2. **STANDBY/DELAY indicator**
Lights when the unit is in standby mode or setting the surround/center delay.
3. **3 STEREO indicator**
Lights when 3 STEREO is active.
4. **PRO LOGIC indicator**
Lights when Dolby Pro Logic is active .
5. **DIGITAL indicator**
Lights when Dolby Digital is active.
6. **AV1 indicator**
Lights when the unit is in AV1 mode.
7. **AV2 indicator**
Lights when the unit is in AV2 mode.
8. **AV3 indicator**
Lights when the unit is in AV3 mode.
9. **Display window**
Display the level of corresponding function.
10. **Speaker indicators**
Lights when the corresponding speaker is active.
11. **Remote Control sensor**
Accepts the remote control signals.
12. **VOLUME +/- button**
Adjust the volume or the level of corresponding function.
13. **AV3 AUDIO IN (L&R) jacks**
Connect to AUDIO outputs on external audio source.
14. **AV3 VIDEO IN jack**
Connect to VIDEO outputs on external audio source.
15. **AV1/2/3 buttons**
Press AV1 or AV2 to enter "auto-detected/auto-switching" mode, press again to switch to "forced analog" mode. Press AV3 button to select the AV3 input.
16. **PL button**
Change the output channels or the output sound mode.
17. **BASS button**
Adjust the bass level.
18. **SURROUND DELAY button**
Adjust the surround delay time.
19. **CENTER DELAY button**
Adjust the center delay time.

Rear Panel



20. TV VIDEO OUT jack
21. TV AUDIO OUT (R & L) jacks
22. Right Front Speaker terminals
23. Right Rear Speaker terminals
24. Left Rear Speaker terminals
25. Left Front Speaker terminals
26. Power Cord
27. AV1 VIDEO IN Jack
28. AV1 AUDIO IN (R & L) Jacks
29. AV1 DIGITAL AUDIO IN (VCR/SAT) Jack
30. AV2 DIGITAL AUDIO IN (DVD) Jack
31. AV2 VIDEO IN Jack
32. AV2 AUDIO IN (R & L) Jacks
33. Subwoofer terminals
34. Center Speaker terminals

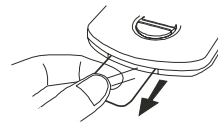
Remote Control



- | | |
|--|--|
| <ol style="list-style-type: none"> 1. STANDBY/ON button
Turns the unit ON, or puts the unit into STANDBY mode. 2. SURROUND button
Change the output channels or the output sound mode. 3. AV1 button
Select AV1 input and press again to enter "force analog" mode. 4. BASS button
Adjust the bass level. 5. CENTER DELAY button
Adjust the center delay time. | <ol style="list-style-type: none"> 6. VOL +/- buttons
Adjust the volume and the level of corresponding function. 7. TEST button
Test and adjust the volume of each speaker. 8. AV2 button
Select AV2 input and press again to enter "force analog" mode. 9. AV3 button
Select AV3 input. 10. SURROUND DELAY button
Adjust the surround delay time. |
|--|--|

Using the Remote Control Correctly

Attention: Take out the PVC sheet before operating the remote control.

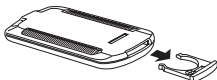


1. Point the remote control at the remote sensor located on the unit.
2. When there is a strong ambient light source, the performance of the infrared remote sensor may be degraded, causing unreliable operation.
3. The recommended effective distance for remote operation is about 4 meters (13 feet).

Battery Replacement

When the battery becomes weak, the operating distance of the remote control is greatly reduced and you will need to replace the battery.

1. Open the battery door.
2. Insert one CR2025 (3V) size battery.



Note:

If the remote control will not be used for a long period of time, remove the battery to avoid damage caused by battery leakage corrosion.

SETUP

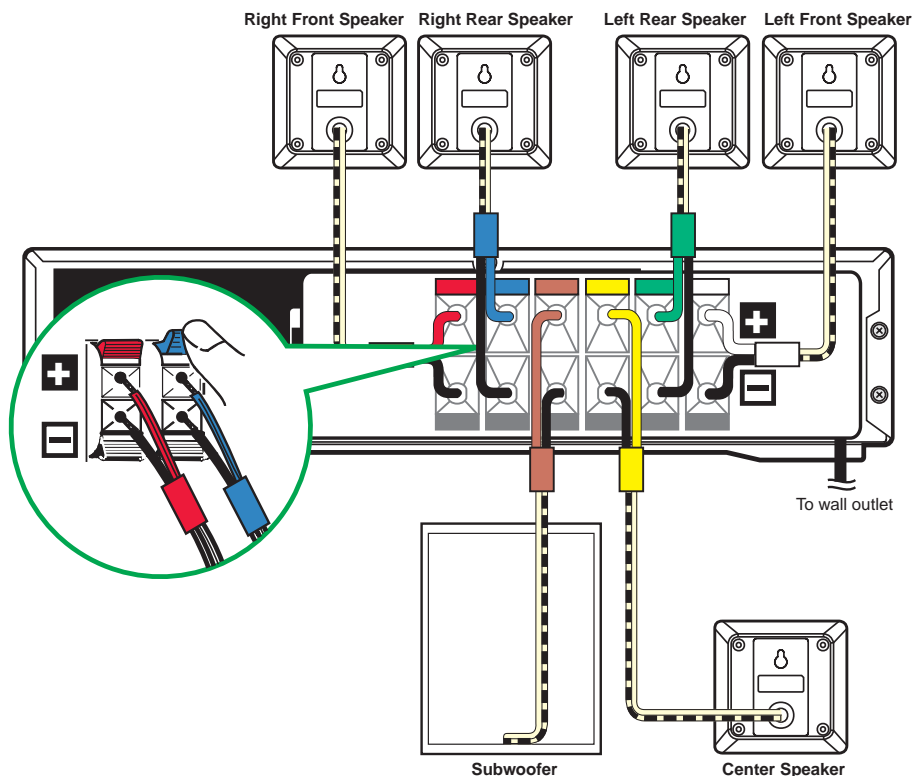
Power Connection

Notes:

- Before you plug in the unit, make sure that the rated voltage of your unit matches your local voltage.
- Keep your hands dry when you are connecting the power cord to the wall outlet to avoid electric shock.
- When you are not going to use the unit for a long period of time, disconnect the power cord.
- When the player is in the standby mode, it is still consuming some power. If you wish to disconnect the unit completely from the power, unplug the power cord from the AC outlet.
- To prevent electric shock, match wide blade of plug to wide slot, fully insert. (For USA and Canada only)

Connecting the Speakers & Subwoofer

The speaker cords have been color-coded to simplify connection. Just plug the **POSITIVE (+)** and **NEGATIVE (-)** ends of each speaker wire into the corresponding jacks on the rear of the Unit, matching the color tube on the end of the speaker wire to the color-coded connector.

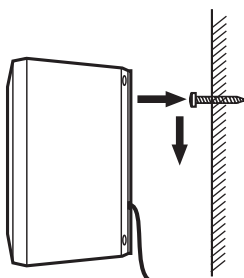


Caution:

- To prevent damage to the unit, be sure to turn off the unit before making any connection.
- Connecting speakers other than the speakers supplied with the unit may damage the unit.

Mounting the Rear Surround Speakers

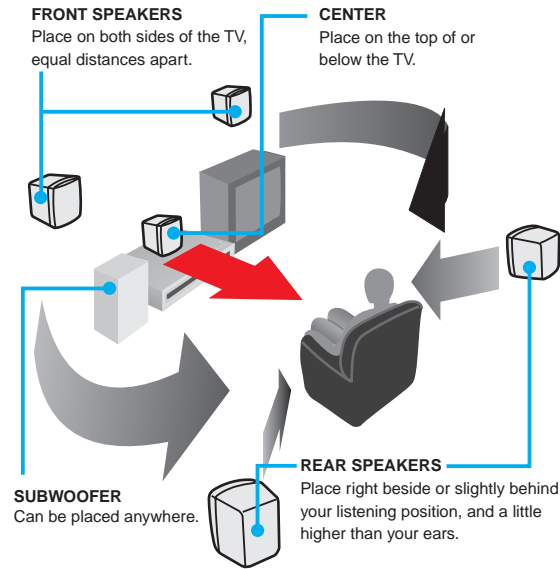
1. Mark the correct mounting position on the wall.
2. Insert a fixing screw(s) at the marked position on the wall.
3. Align the slot hole(s) of the speaker over the screw and pull the speaker downward until it is firmly hooked.



Need More Help?

DO NOT RETURN THIS TO THE STORE
Please call Customer Service at 1-800-252-6123
or visit online help at <http://www.18002526123.com>

Positioning the Speakers & Subwoofer



Setting the Input Mode and Listening Channels

AV1/AV2 The AV1 and AV2 audio inputs allow you to connect either an analog or digital source to the unit. The unit will automatically switch to digital or analog mode depending on what type of source is connected. When you press the AV1 or AV2 button once, the unit will be in "Auto-Detect" mode, and the light labelled AV1 or AV2 will illuminate. In "Auto-Detect" mode, the unit will determine whether the audio signal is analog or digital, and will automatically switch to that mode. If you want to force the unit into "Analog" mode only, press the AV1 or AV2 button a second time, and the AV1 or AV2 light will begin to blink. To return to "Auto-Detect" mode, press the button again, and the light will stop blinking.

AV3 The AV3 audio input is analog only.

You can press the SURROUND button repeatedly on the remote control or press the PL button repeatedly on the unit to change the sound output status. Please see the table below.

The following table shows which speakers and indicators are working in various modes.

SOURCES		AUDIO SETTINGS				SPEAKER OUTPUT STATUS					LED INDICATOR STATUS			
		2 CH.	3 CH.	4 CH.	5 CH.	L	R	C	S	LR	RR	3 STEREO	PRO LOGIC	DIGITAL
DIGITAL	DOLBY DIGITAL 5.1ch	ON (5 CH.)				O	O	O	O	O	O	---	---	O
		DOWNMIX (2 CH.)				O	O	X	O	X	X	---	---	☀
	DOLBY DIGITAL 2.0ch	STEREO (2 CH.)				O	O	X	O	X	X	---	---	O
		3 STEREO (2 CH.)				O	O	O	O	X	X	O	---	O
		PRO LOGIC (4 CH.)				O	O	O	O	O	O	---	O	O
	PCM	STEREO	---	---	---	O	O	X	O	X	X	---	---	---
---		3 STEREO	---	---	O	O	O	O	X	X	O	---	---	
---		---	PRO LOGIC	---	O	O	O	O	O	O	---	O	---	
ANALOG	STEREO	---	---	---	O	O	X	O	X	X	---	---	---	
	---	3 STEREO	---	---	O	O	O	O	X	X	☀	---	---	
	---	---	PRO LOGIC	---	O	O	O	O	O	O	---	☀	---	

Remarks:

- "O" The speaker/indicator is active. "X" The speaker is inactive. "☀" The indicator is blinking.
- 3 STEREO mode creates a surround sound effect without using the rear speakers. In this mode, no sound comes from the rear speakers.
- This unit supports three digital input modes:
 - Dolby Digital 5.1ch. In this mode, press the SURROUND button on the remote control or press the PL button repeatedly on the unit to select between Dolby Digital (5 CH.) and Downmix (2 CH.).
 - Dolby Digital 2.0ch. In this mode, press the SURROUND button on the remote control or press the PL button repeatedly on the unit to select among Dolby Digital Stereo (2 CH.), 3 STEREO (3 CH.) and DOLBY PRO LOGIC (4 CH.).
 - PCM. In this mode, press the SURROUND button to select among STEREO, 3 STEREO and DOLBY PRO LOGIC.
- When analog signal is input, press the SURROUND button on the remote control or press the PL button repeatedly on the unit to select among STEREO, 3 STEREO and DOLBY PRO LOGIC.

Video & Audio Input/Output Setting

AV1 (SAT/VCR)

Connect the audio and video output jacks of the AV equipment (VCR, Satellite receiver, etc.) to the audio and video input jacks on the unit with an audio/video cable.

If the AV equipment has a bitstream/PCM coaxial audio out jack, connect the equipment to the unit by using a coaxial cable.

AV2 (DVD)

Connect the audio and video output jacks of the DVD player to the audio and video input jacks on the unit with an audio/video cable.

Connect the coaxial digital audio output jack of the DVD player to the DIGITAL AUDIO IN on the unit by using a coaxial cable.

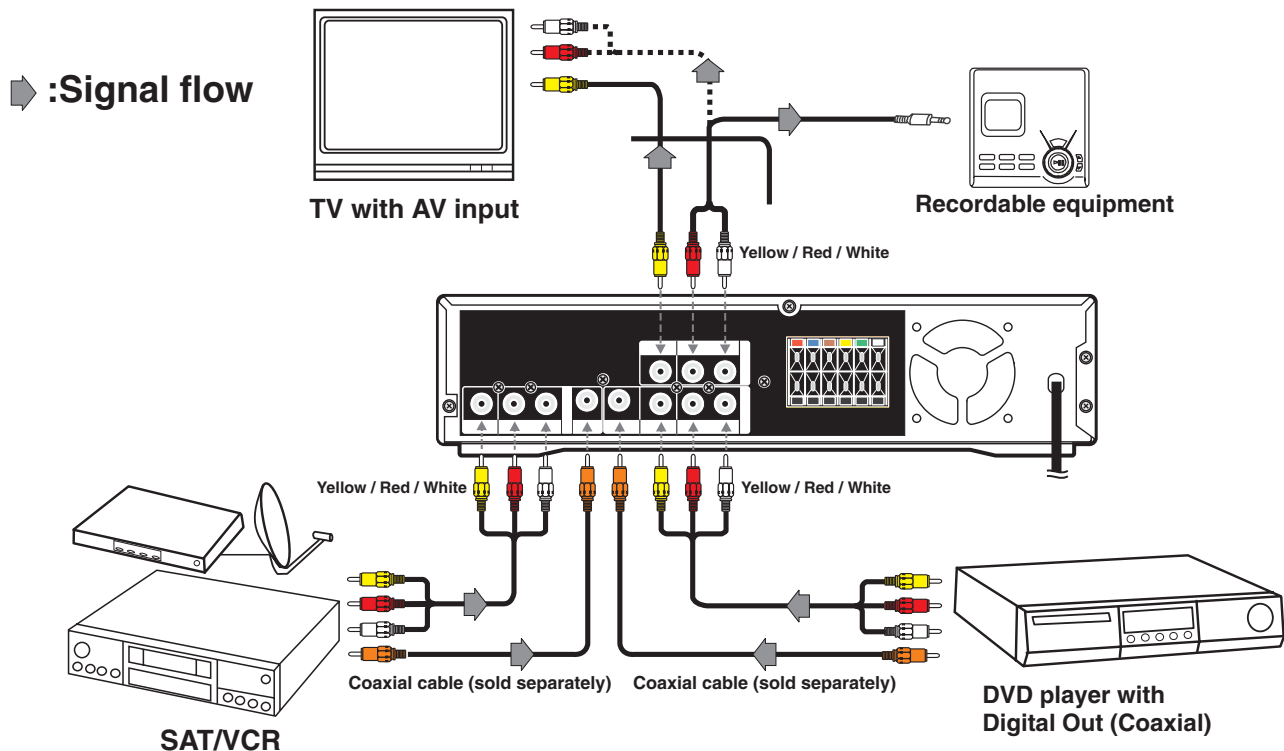
TV

Connect the audio and video input jacks of your TV to the audio and video output jacks on the unit with an audio/video cable (included). Refer to your TV's owner's manual.

To record the playing signal, connect AUDIO OUT to the recordable equipment (Recordable cassette player, Recordable MD player, etc.).

Watching a DVD

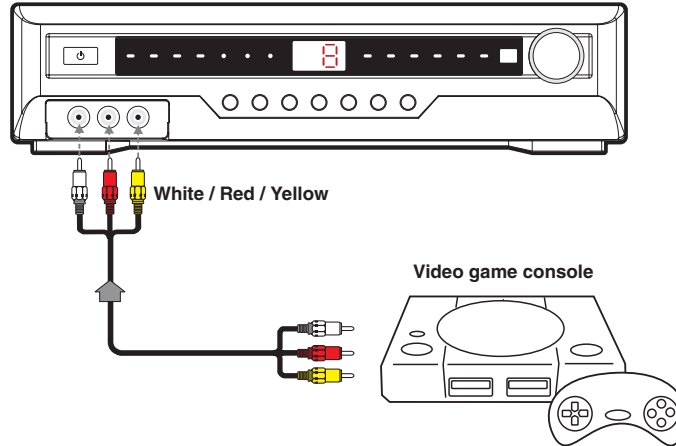
1. Connect the unit to the TV and the DVD player.
2. Turn on the unit and press the AV2 button on the remote control to select AV2 "auto-detect/auto-switch" mode, or press AV2 button on the front panel directly. If no sound in digital input mode, press AV2 button again to switch to AV2 "force analog" mode. The AV2 indicator will blink.
3. Turn on your TV and select the corresponding video input that you have connected to the unit.
4. Turn on your DVD player to start playing.



Video & Audio Input/Output Setting(Continued)

AV3

Connect the audio and video output jacks of the AV equipment (Video game console, etc.) to the audio and video input jacks on the unit.

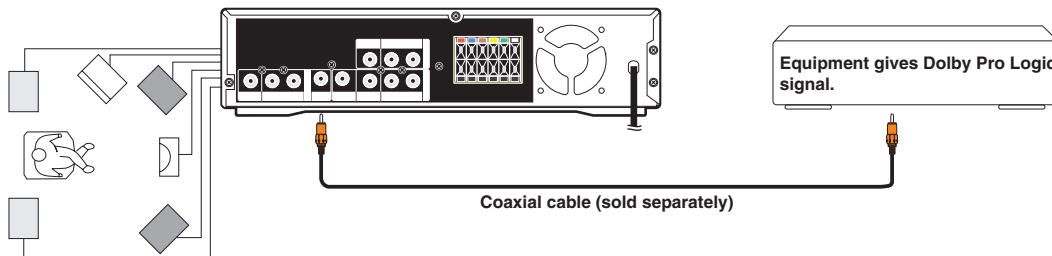


Remarks:

Dolby Digital is a surround sound technology used in theaters showing the latest movies, and now available to reproduce this realistic effect at home.



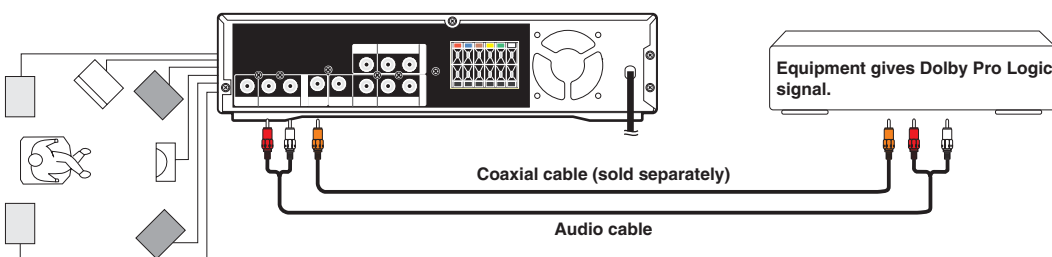
You can enjoy motion picture and live concert DVD video discs with this dynamic realistic sound by connecting the unit to the DVD player with bitstream/PCM coaxial output.



Dolby Pro Logic is a sound system that was developed to get a better sense of presence from sources encoded with Dolby Surround. The feeling of position has been improved by the addition of a separate center speaker channel.



You can enjoy the dynamic realistic sound of Dolby Pro Logic Surround by connecting the unit to the equipment which gives Dolby Pro Logic signal with a coaxial cable or audio cable. The output sound from the rear speakers will be monaural.



SOUND ADJUSTMENT

Adjusting the Balance

Adjust the speaker balance with the remote control.

1. Press the TEST button on the remote control once, and you will hear PINK NOISE from the left front speaker. The L light on the front panel will illuminate.
2. Use the VOL +/- buttons on the remote control or the front panel to change the balance from -10 to 10.
3. Press the TEST button again, and the PINK NOISE will move from the left front speaker to the center speaker. Repeat Step 2. Continue through all 5 speakers and the subwoofer.

Note:

- To cancel adjusting, press the TEST button repeatedly until the speaker indicator goes out and the display window returns to normal.

Setting the Bass Level

1. Press the BASS button on the remote control or the unit and the display window will show the current bass level.
2. Press the VOL +/- buttons on the remote control or the unit to adjust the bass level from -7 to 7. The digit in the display window will change to show the current bass level setting.

Note:

- If you do not press any button within few seconds, the display will return to normal.
- The bass level changes the low range of sounds.

Setting the Center Delay

In a small room, the center speaker can be placed at the same distance from the listener as the left and right front speakers. This results in sound from all three speakers reaching the listener at the same time. However, in larger rooms, it may be necessary to move the center speaker closer to the listener than the left and right front speakers. In this case, Center Delay should be enabled to compensate. For example, if the center speaker is 2 feet closer to the listener than the left and right front speakers, the center delay should be set to 2.



1. Press the CENTER DELAY button on the remote control or the unit and the display window will show the current delay time of the center speaker. Meanwhile, the STANDBY DELAY indicator and the C speaker indicator will illuminate to indicate that you are setting the center delay.
2. Press the VOL +/- buttons on the remote control or the unit to adjust the delay time of the center speaker. The digit in the display window will change to show the setting value. The center delay ranges from 0 to 5.

Note:

- If you do not press any button within few seconds, the display will return to normal.

Setting the Surround Delay

Just as the center delay compensates for placement of the center speaker, Surround delay compensates for placement of the left and right rear speakers. The sound from these speakers should reach the listener at the same time as sound from the front left and right and center speakers.

1. Press the SURROUND DELAY button on the remote control or the unit and the display window will show the current surround delay time. Meanwhile, the STANDBY DELAY indicator and the LR, RR speaker indicators will illuminate to indicate that you are setting the surround delay.
2. Press the VOL +/- buttons on the remote control or the unit to adjust the surround delay time. The digit in the display window will change to show the setting value. The surround delay ranges from 15 to 30.

Note:

- If you do not press any button within few seconds, the display will return to normal.



TROUBLE SHOOTING GUIDE

The following checks will assist in the correction of most problems which you may encounter with your system.

PROBLEMS	SOLUTIONS
No power.	<ul style="list-style-type: none">• Check that the AC power cord is connected.
No sound.	<ul style="list-style-type: none">• Rotate the VOLUME + button to increase volume.• Select the correct AV input and the correct input mode (Digital or analogy sound).
No sound from one channel or unbalanced left and right volume.	<ul style="list-style-type: none">• Check the speaker connections of the inoperative channel.• Check the speaker cord connection and speaker location.
Reversed left and right sound.	<ul style="list-style-type: none">• Check the speaker connection for proper phasing.
The centre speaker or the surround speakers give no sound	<ul style="list-style-type: none">• Check that the speaker connections are correct.• The current mode does not support surround sound.
The remote control does not function.	<ul style="list-style-type: none">• Remove any obstacles between the remote control and the unit.• Use the remote control near the unit.• Point the remote control at the remote sensor on the unit.• Replace the battery in the remote control with new one.• If there is a clear plastic strip sticking out from the rear of the remote control, pull it out.

Operating Voltage

AC 120V ~ 60Hz

Frequency response : 100Hz only

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