



DIGITAL HOME THEATER SYSTEM HT-DS690

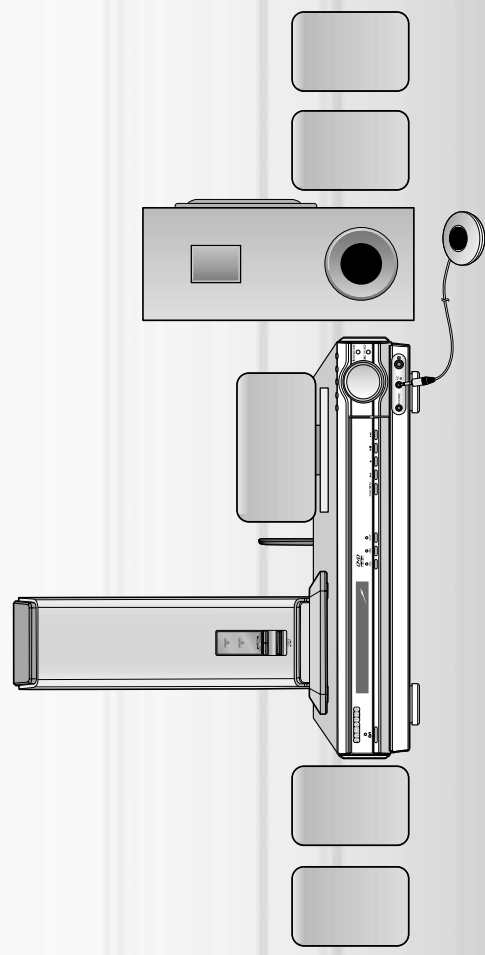
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Instruction Manual





Safety Warnings

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LASER CLASE 1

Note to CATV system installer :
This reminder is provided to call the CATV system installer's attention to Section 820-40 of the NEC which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical



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

CAUTION-INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED, AVOID EXPOSURE TO BEAM.



This symbol indicates that dangerous voltage which can cause electric shock is present inside this unit



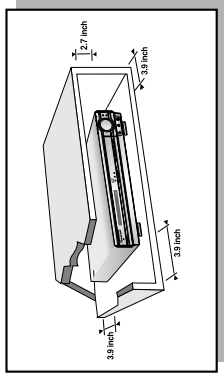
This symbol alerts you to important operating and maintenance instructions accompanying the unit.

WARNING : To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

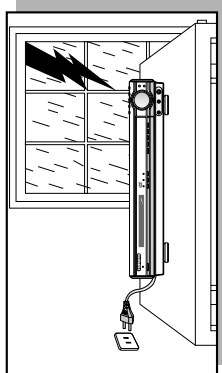
CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.



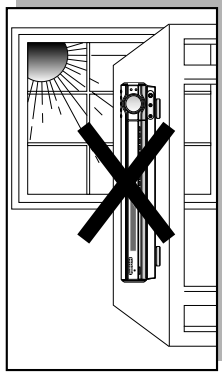
Precautions



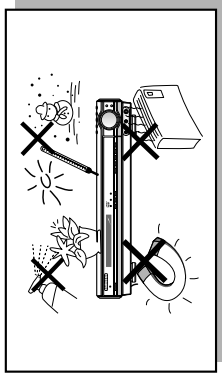
Ensure that the AC power supply in your house complies with the identification sticker located on the back of your player. Install your player horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4inches). Make sure the ventilation slots are not covered. Do not stack anything on top of the player. Do not place the player on amplifiers or other equipment which may become hot. Before moving the player, ensure the disc tray is empty. This player is designed for continuous use. Switching off the DVD player to the stand-by mode does not disconnect the electrical supply. In order to disconnect the player completely from the power supply, remove the main plug from the wall outlet, especially when left unused for a long period of time.



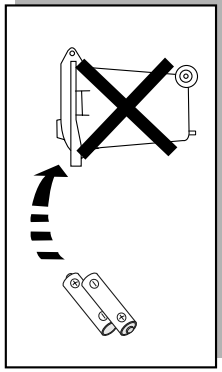
During thunderstorms, disconnect AC main plug from the wall outlet.
Voltage peaks due to lightning could damage the unit.



Do not expose the unit to direct sunlight or other heat sources.
This could lead to overheating and malfunction of the unit.



Protect the player from moisture (i.e. vases), and excess heat (e.g. fireplace) or equipment creating strong magnetic or electric fields (i.e. speakers...). Disconnect the power cable from the AC supply if the player malfunctions. Your player is not intended for industrial use. Use of this product is for personal use only.
Condensation may occur if your player or disc have been stored in cold temperatures.
If transporting the player during the winter, wait approximately 2 hours until the unit has reached room temperature before using.



The battery used with this product contain chemicals that are harmful to the environment.
Do not dispose of batteries in the general household trash.



Safety Instructions

READ INSTRUCTIONS

All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS

The safety and operating instructions should be retained for future reference.

HEED WARNINGS

All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS

All operating and use instructions should be followed.

WATER AND MOISTURE

Do not use this video product near water-forexample, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

OVERLOADING

Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

VENTILATION

Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the video product and to protect it from overheating these openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or other similar surface. This video product should never be placed near or over a radiator or heat register.

This video product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been followed.

POWER CORD PROTECTION

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

CLEANING

Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

LIGHTNING

For added protection of this video product receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power-line surges.

OBJECT AND LIQUID ENTRY

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the video product.

ACCESSORIES

Do not place this video product on an unstable cart, stand, tripod, bracket, or table.

The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance.

Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the video product. Any mounting of the appliance should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer.

CART

An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

POWER SOURCES

This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of supply to your home, consult your appliance dealer or local power company. For video products intended to be operated from battery power, or other sources, refer to the operating instructions.

POWER LINES

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

POLARIZATION

This video product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other.) This plug will fit into the power outlet only one way.

This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

OUTDOOR ANTENNA GROUNDING

- If an outside antenna is connected to the antenna terminal, be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges.

- In the U.S.A section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See the figure below.

ATTACHMENTS

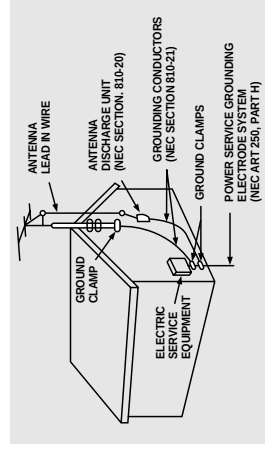
Do not use attachments not recommended by the video product manufacturer as they may cause hazards.

SERVICING

- Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards.
- Refer all servicing to qualified service personnel.

REPLACEMENT PARTS

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.



SAFETY CHECK

Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks to determine that the video product is in proper operating condition.

DAMAGE REQUIRING SERVICE

Unplug this video product from the wall outlet and refer servicing to qualified service personnel under the following conditions.

- a. When the power-supply cord or plug is damaged.
 - b. If liquid has been spilled, or objects have fallen into the video product.
 - c. If the video product has been exposed to rain or water
 - d. If the video product does not operate normally by following the operating instructions.
- Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video product to its normal operation.
- e. If the video product has been dropped
 - or the cabinet has been damaged.
 - f. When the video product exhibits a distinct change in performance - this indicates a need for service.

HEAT

This video unit should be situated away from heat sources such as radiators, stoves, or other products (including amplifiers) that produce heat.

Features

Multi-Disc Playback & AM/FM Tuner

The HT-DS690 combines the convenience of multi-disc playback capability, including DVD-AUDIO, DVD-VIDEO, CD, MP3-CD, CD-R/RW, and DVD-R/RW, with a sophisticated AM/FM tuner, all in a single player.

DVD-Audio compatible

Experience the super high-quality audio performance of DVD-Audio.

The on-board 24-bit/192kHz DAC enables this player to deliver exceptional sound quality in terms of dynamic range, low-level resolution and high-frequency detail.

Super Digital Sound Master

Equipped with a new digital audio technology (auto sound calibration, magic sound field, and magic headphone) developed in cooperation with DiMagic Co., Ltd. in Japan, you'll enjoy a more lively and sensitive sound.

Wireless Rear Speakers and Amp

The HT-DB690 has a rear surround wireless amp that removes the need for long speaker cables between the main unit and rear speakers.

Sound Logo

When power is turned on, a sound logo is output from the speakers to notify the user that the unit is optimized for disc playback.

TV Screen Saver Function

The HT-DS690 automatically brightens and darkens the brightness of the TV screen after 3 minutes in the stop mode.

The HT-DS690 automatically switches itself into the power saving mode after 20 minutes in the screen saver mode.

Power Saving Function

The HT-DS690 automatically shuts itself off after 20 minutes in the stop mode.

Customized TV Screen Display

The HT-DS690 allows you to select your favorite image during JPEG, DVD playback and set it as your background wallpaper.

P-SCAN(Progressive Scan) Function

Unlike regular Interlace Scan, in which two fields of picture information alternate to create the entire picture (odd scan lines, then even scan lines), Progressive Scan uses one field of information (all lines displayed in one pass) to create a clear and detailed picture without visible scan lines.

Samsung AV Device Operation using Anynet

You can conveniently operate Samsung DVD and other Samsung AV devices with one remote controller of Samsung TV, using Anynet.

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Notes on Discs



DVD (Digital Versatile Disc) offers fantastic audio and video, thanks to Dolby Digital surround sound and MPEG-2 video compression technology. Now you can enjoy these realistic effects in the home, as if you were in a movie theater or concert hall.



DVD players and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.
The Region Number for this player is given on the rear panel of the player.
(Your DVD player will only play DVDs that are labeled with identical region codes.)



Playable Discs

Disc Type	Mark (Logo)	Recorded Signals	Disc Size	Max. Playing Time
DVD-AUDIO DVD-VIDEO		Audio + Video	5"	Approx. 240 min. (single-sided)
			3 1/2"	Approx. 480 min. (double-sided)
		Audio	5"	Approx. 80 min. (single-sided)
AUDIO-CD		Audio	5"	Approx. 160 min. (double-sided)
			3 1/2"	74 min. 20 min.



Do not use the following types of disc!

- LD, CD-G, CD-I, CD-ROM and DVD-ROM cannot be played on this player.
- If such discs are played, a "WRONG DISC FORMAT" message appears on the TV screen.
- DVD discs purchased abroad may not play on this player.
- If such discs are played, a "WRONG REGION CODE" message appears on the TV screen.

Copy Protection

- Many DVD discs are encoded with copy protection. Because of this, you should only connect your DVD player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected DVD discs.
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Disc Recording Format

CD-R Discs

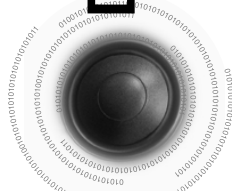
- Depending on the disc recording device (CD-Recorder or PC) and the condition of the disc, some CD-R discs may not be playable.
- Use a 650MB/74 minute CD-R. Avoid CD-R media, as they may not be playable.
- If possible, do not use CD-RW (Rewritable) media, as they may not be playable.
- Only CD-Rs that are properly "closed" can be fully played. If the session is closed but the disc is left open, you may not be able to fully play the disc.

CD-R MP3 Discs

- Only CD-R discs with MP3 files in ISO 9660 or Joliet format can be played.
- MP3 file names should be 8 characters or less in length and contain no blank spaces or special characters (. / = +).
- Use discs recorded with a compression/decompression data rate greater than 128Kbps.
- Only files with the ".mp3" and ".MP3" extensions can be played.
- Only a consecutively written Multisession disc can be played. If there is a blank segment in the Multisession disc, the disc can be played only up to the blank segment.
- If the disc is not closed, it will take longer to begin playback and not all of the recorded files may be played.
- For files encoded in Variable Bit Rate (VBR) format, i.e. files encoded in both low bit rate and high bit rate (e.g., 32Kbps ~ 320Kbps), the sound may skip during playback.
- If more than 500 tracks are recorded on a single CD, a maximum of 500 tracks can be played.
- If more than 300 folders are recorded on a single CD, a maximum of 300 folders can be played.

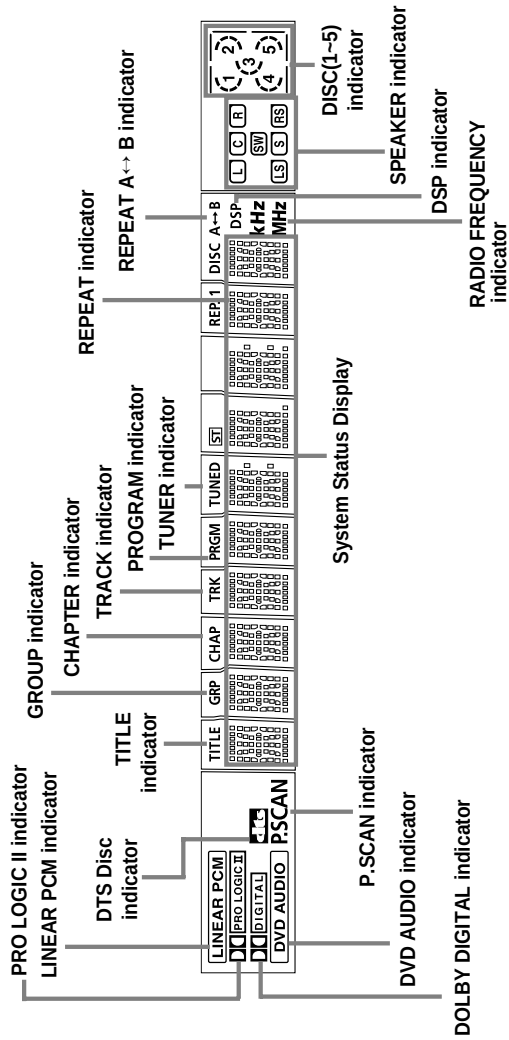
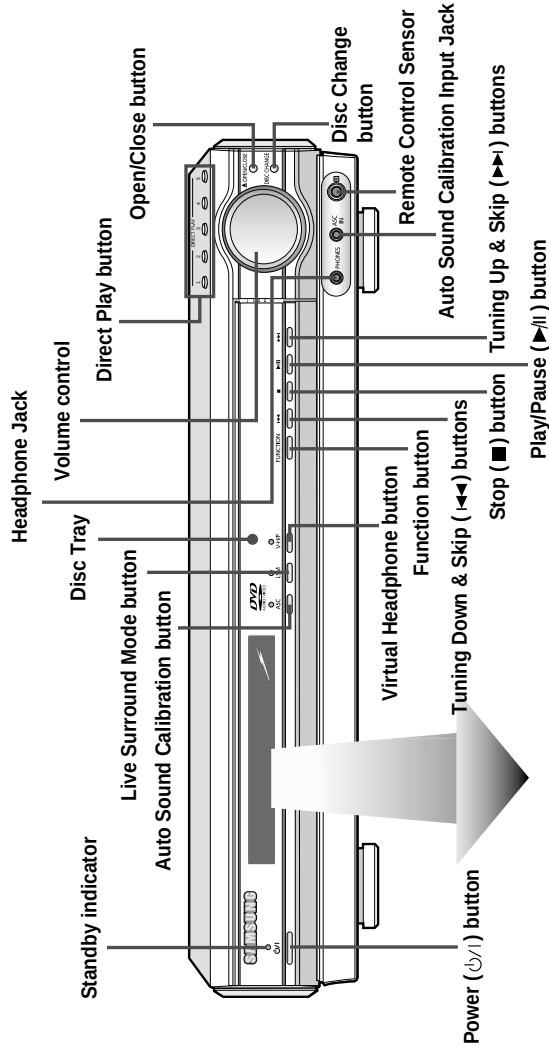
CD-R JPEG Discs

- Only files with the ".jpeg" and ".JPEG" extensions can be played.
- If the disc is not closed, it will take longer to start playing and not all of the recorded files may be played.
- Only CD-R discs with JPEG files in ISO 9660 or Joliet format can be played.
- JPEG file names should be 8 characters or less in length and contain no blank spaces or special characters (. / = +).
- Only a consecutively written multisession disc can be played. If there is a blank segment in the multisession disc, the disc can be played only up to the blank segment.
- A maximum of 9,999 images can be stored on a single CD.
- When playing a Kodak/Fuji Picture CD, only the JPEG files in the picture folder can be played.
- Picture discs other than Kodak/Fuji Picture CDs may take longer to start playing or may not play at all.



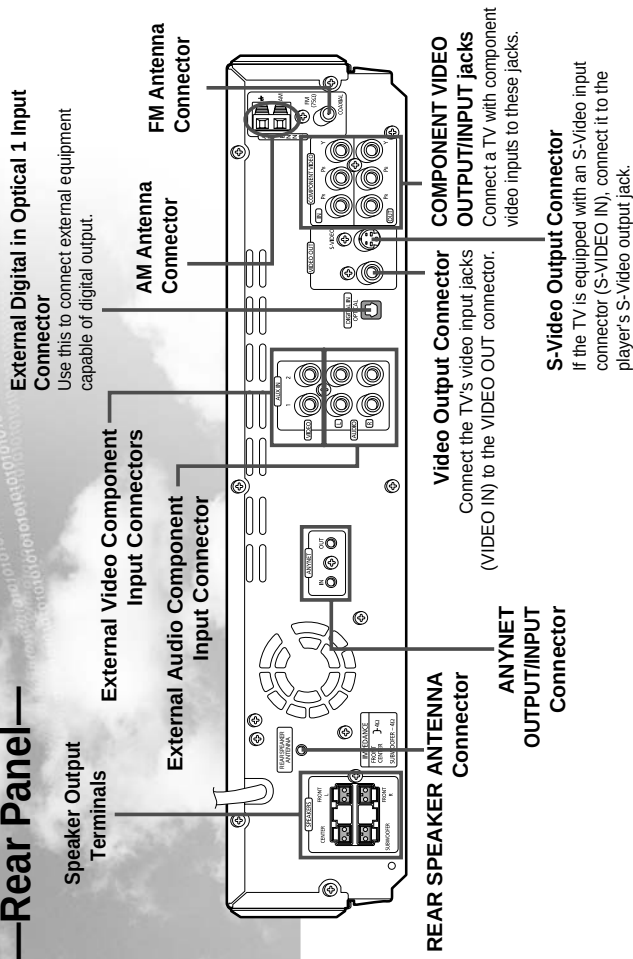
Description

—Front Panel—



PREPARATION

—Rear Panel—



Accessories

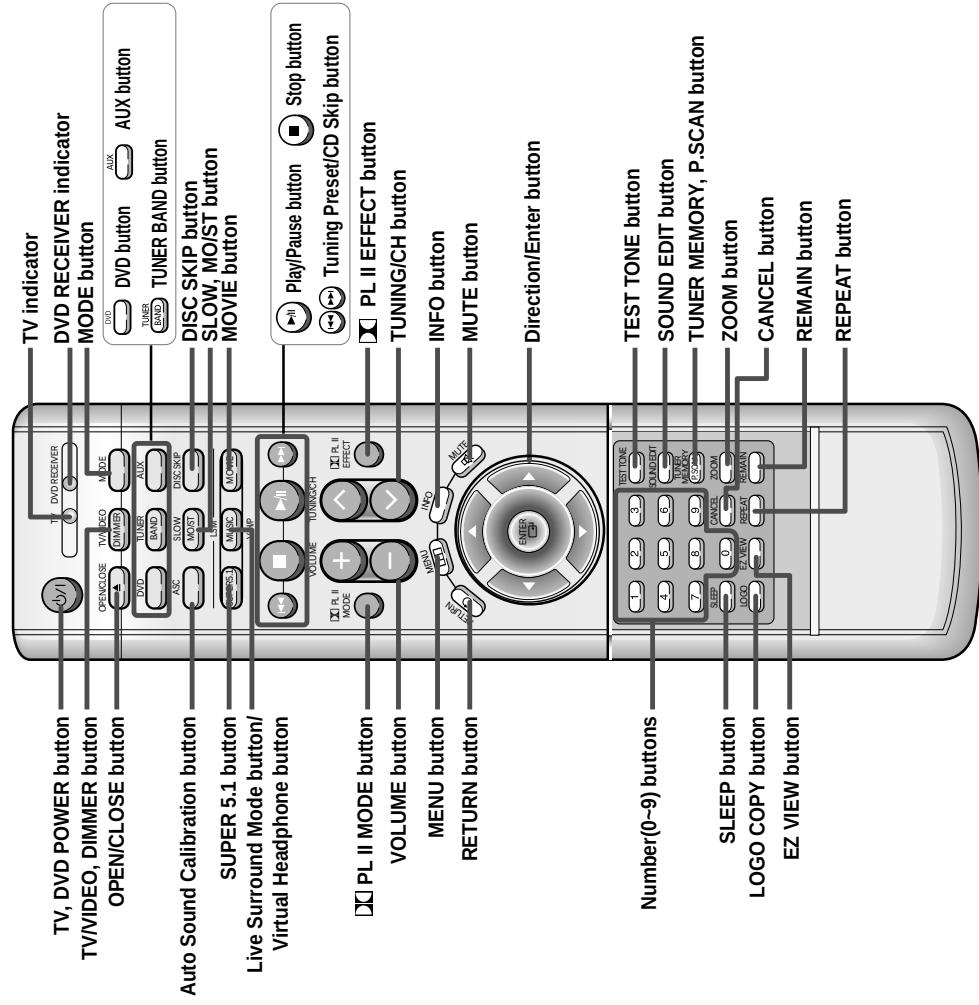
* The wireless receiving antenna is built into the wireless rear amplifier.

Remote Control (AH59-01329C)	Audio Cable/Video Cable (AH39-40001U) / (AH39-40001V)	Wireless rear receiver
AM Antenna (AH42-20001P)	FM Antenna (AH42-00004A)	AnyNet Cable (AH39-40001Z)
User's Manual (AH68-01445R)	Auto Sound Calibration Microphone (AH59-01185D)	Wireless Transmission Antenna (AH42-00007A)



Description

—Remote Control—



Insert Remote Batteries

1 Remove the battery cover on the back of the remote by pressing down and sliding the cover in the direction of the arrow.

2 Insert two 1.5V AAA batteries, paying attention to the correct polarities (+ and -).

3 Replace the battery cover.

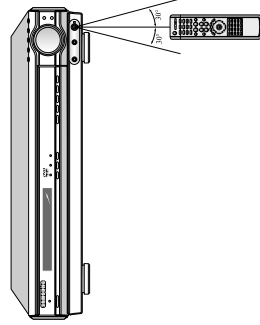
Caution

Follow these precautions to avoid leaking or cracking cells:

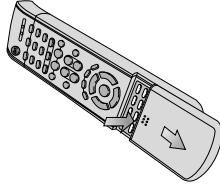
- Place batteries in the remote control so they match the polarity:(+) to (+)and (-)to (-).
- Use the correct type of batteries. Batteries that look similar may differ in voltage.
- Always replace both batteries at the same time.
- Do not expose batteries to heat or flame.

Range of Operation of the Remote Control

The remote control can be used up to approximately 23 feet/7 meters in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.



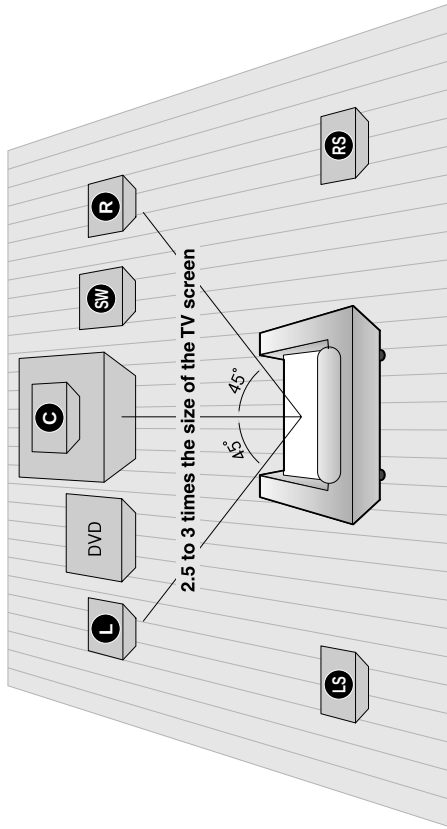
To open the remote control cover, push the top of the cover, then slide downward.





Connecting the Speakers

Before moving or installing the product, be sure to turn off the power and disconnect the power cord.



Position of the DVD Player

- Place it on a stand or cabinet shelf, or under the TV stand.

Front Speakers **L R**

- Place these speakers in front of your listening position, facing inwards (about 45°) toward you.
- Place the speakers so that their tweeters will be at the same height as your ear.
- Align the front face of the front speakers with the front face of the center speaker or place them slightly in front of the center speakers.

Center Speaker **C**

- It is best to install it at the same height as the front speakers.
- You can also install it directly over or under the TV.

Selecting the Listening Position

- The listening position should be located about 2.5 to 3 times the distance of the TV's screen size away from the TV. Example: For 32" TVs 2~2.4m (6~8feet)
For 55" TVs 3.5~4m (11~13feet)

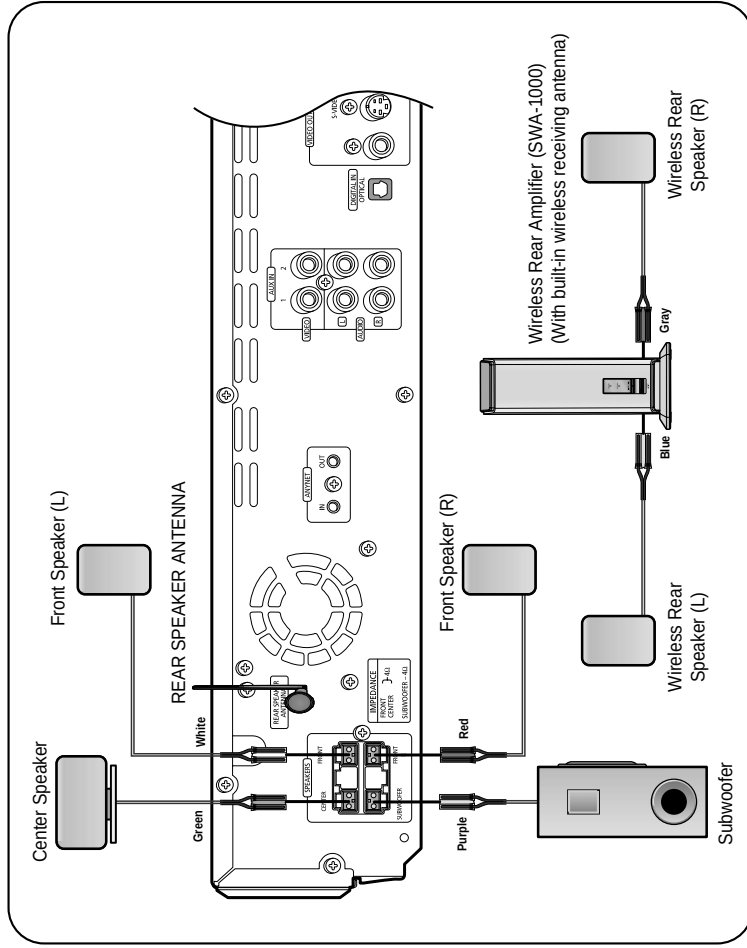
Rear Speakers **LS RS**

- Place these speakers behind your listening position.
- If there isn't enough room, place these speakers to face each other.
- Place them about 60 to 90cm (2 to 3feet) above your ear, facing slightly downward.

★ Unlike the front and center speakers, the rear speakers are used to handle mainly sound effects and sound will not come from them all the time.

Subwoofer **SW**

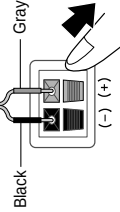
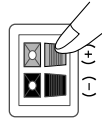
- The position of the subwoofer is not so critical. Place it anywhere you like.
- Usually, it is placed by a corner near the front speakers.



Back of the Speakers

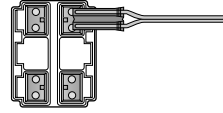
- Press down the terminal tab on the back of the speaker.
- Insert the wire into the terminal and release the terminal tab.

- Insert the black wire into the black (-) terminal and the gray wire into the gray (+) terminal.
- Make sure the polarities (+ and -) are correct.



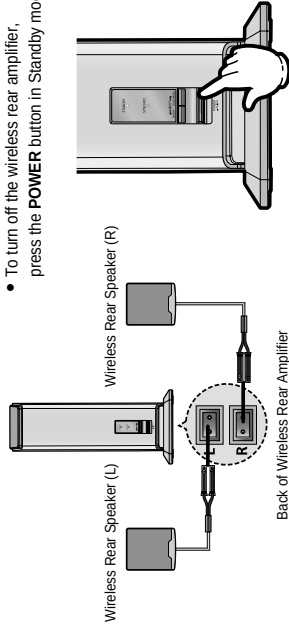
Back of the Main Unit

- Connect the connecting plugs to the back of the DVD player.
- Make sure the colors of the speaker terminals match the colors of the connecting plugs.



Connecting Wireless Rear Speakers

- 1 Connect your pair of wireless rear speakers, (L) and (R), to the wireless rear amplifier.
- 2 Insert the power plug into an outlet, and then press the **POWER** button on the front panel.
 - The Power Standby indicator will light up.
 - To turn off the wireless rear amplifier, press the **POWER** button in Standby mode.



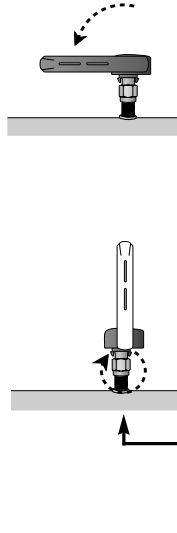
Back of Wireless Rear Amplifier

Caution

- Do not connect the wireless rear speakers to the speaker outputs on the back of the main unit. Malfunction may result.
- The wireless receiving antenna is built into the wireless rear amplifier. Keep the unit away from water and moisture.
- For optimal listening performance, make sure that the area around the proposed wireless rear amplifier location is clear of any obstructions.

Connecting the Wireless Transmission Antenna to the Main Unit

- 1 Connect the wireless transmission antenna to the back of the main unit and tighten the nut by hand.
- 2 Raise the wireless transmission antenna a full 90 degrees.



Note

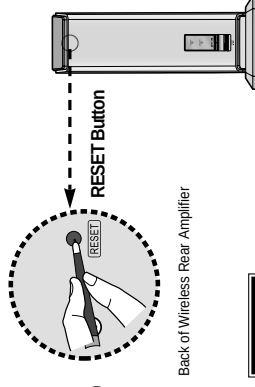
- Place the wireless rear amplifier at the rear of the listening position. If the wireless rear amplifier is too close to the main unit, some sound interruption may be heard due to interference.
- If you use a device such as a microwave oven, wireless LAN Card, Bluetooth equipment, or any other device that uses the same frequency (2.4GHz) near the system, some sound interruption may be heard due to interference.
- The transmission distance of radio wave is about 33 feet, but may vary depending on your operating environment. If a steel-concrete wall or metallic wall is between the main unit and the wireless rear amplifier, the system may not operate at all because the radio wave cannot penetrate metal.



Resetting Wireless Communication

Reset the system if a communication failure occurs, or if the synchronizing signal indicator does not light up and the "REAR CHK" message blinks on the main unit's display. Reset the system while the main unit and the wireless rear amplifier (SWA-1000) are in Power Standby mode.

- 1 With the main unit turned off, press and hold the remote control's **REMAIN** button for 4 seconds.
 - Press the button until the volume control indicator lights up blue. (The indicator will turn off in 1 second.)
- 2 With the wireless rear amplifier turned on, use a ball point pen or a pair of tweezers to press the **RESET** button on the back of the unit 2 to 3 times.



Back of Wireless Rear Amplifier

Caution

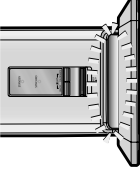
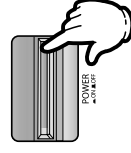
- 3 Turn on the main unit.
 - The wireless rear amplifier's synchronizing signal indicator will light up.
 - If Power Standby mode continues, repeat Steps 1 to 3 above.
- Sound will be heard from the wireless rear speakers in DVD 5.1-CH or Dolby Pro Logic II mode only.
 - In 2-CH mode, no sound will be heard from the wireless rear speakers.



Turning On the Mood Light

You can turn the mood light on the wireless rear amplifier on or off, as well as change the light to one of 7 different colors according to your preference.

- 1 Press the **POWER** on the wireless rear amplifier.
 - The Power Standby indicator on the wireless amp panel will light up and the mood light will turn on.
- 2 Press the **COLOR MODE** button.
 - Each time the button is pressed, the color changes as follows: **Blue** → **Light Green** → **Red** → **Sky Blue** → **Yellow** → **Pink** → **White**.



Turning Off the Mood Light

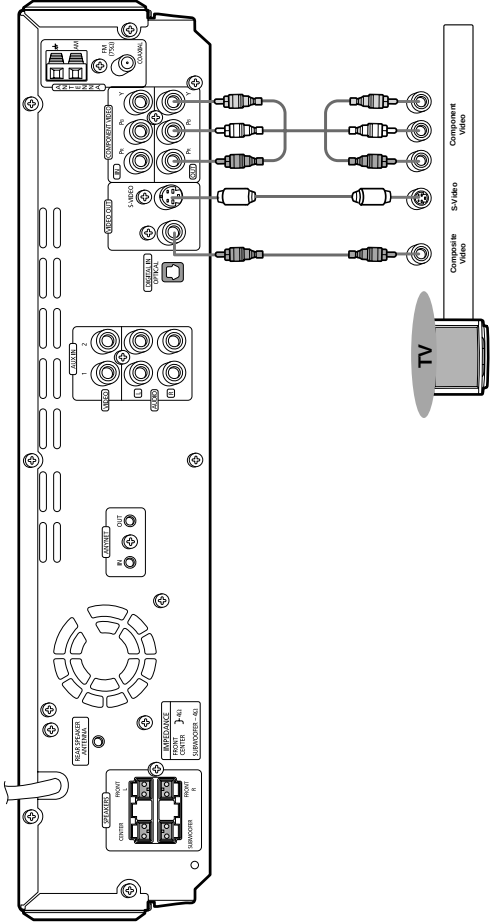
- In **Power Standby** mode, press the **ON/OFF** button on the **Wireless amp**. The mood light will light up or turn off with the last color selected.

Turning off the Wireless Amp and Mood Light

- Press the **POWER** button on the **wireless amp**. The wireless rear amplifier and the mood light will turn off. When the wireless amp is powered on again, the mood light will be blue.



Connecting the Video Out to TV



* Depending on your TV, Component Video input jacks may be marked as DVD Video input.

Composite Video (Good Quality)

Connect the supplied video cable from the VIDEO OUT jack on the back panel of the system to the VIDEO IN jack on your television.

S-Video (Better Quality)

If your television is equipped with an S-Video input, connect an S-Video cable (not supplied) from the S-VIDEO OUT jack on the back panel of the system to the S-VIDEO IN jack on your television.

Component Video (Best Quality)

If your television is equipped with Component Video inputs, connect a component video cable (not supplied) from the Pr, Pb and Y jacks on the back panel of the system to the corresponding jacks on your television.

Note

- When the Progressive scan mode is selected, the VIDEO and S-VIDEO outputs do not feed any signal. See page 18 to select Progressive Scan.



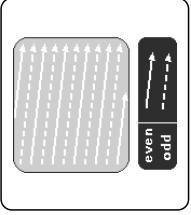
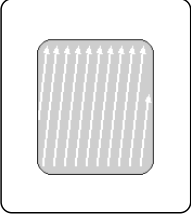
P.SCAN(Progressive Scan) Function

Unlike regular Interlace Scan, in which two fields of picture information alternate to create the entire picture (odd scan lines, then even scan lines), Progressive Scan uses one field of information (all lines displayed in one pass) to create a clear and detailed picture without visible scan lines.

Press and hold P-SCAN button on the remote controller for over 5 seconds in stop mode.

- Pressing and holding the button for over 5 seconds will select "Progressive Scan" and "Interlace Scan" repetitively.

What is Progressive (or Non-Interlaced) Scanning?

Interlaced Scan (1 FRAME = 2 FIELDS)	Progressive Scan (FULL FRAME)
 In interlaced-scan video, a frame consists of two interlaced fields (odd and even), where each field contains every other horizontal line in the frame. The odd field of alternating lines is displayed first, and then the even field is displayed to fill in the alternating gaps left by the odd field to form a single frame. One frame, displayed every 1/30th of a second, contains two interlaced fields, thus a total of 60 fields are displayed every 1/60th of a second. The interlaced scanning method is intended for capturing a still object.	 The progressive scanning method scans one full frame of video consecutively down the screen, line by line. An entire image is drawn at one time, as opposed to the interlaced scanning process by which a video image is drawn in a series of passes. The progressive scanning method is desirable for dealing with moving objects.

Note

- This function works only on TVs equipped with component video inputs (Y, Pr, Pb) that support Progressive Video. (It does not work on TVs with conventional component inputs, i.e., non-progressive scan TVs.)
- Depending on the brand and model of your TV, this function may not work.

TV Broadcast System

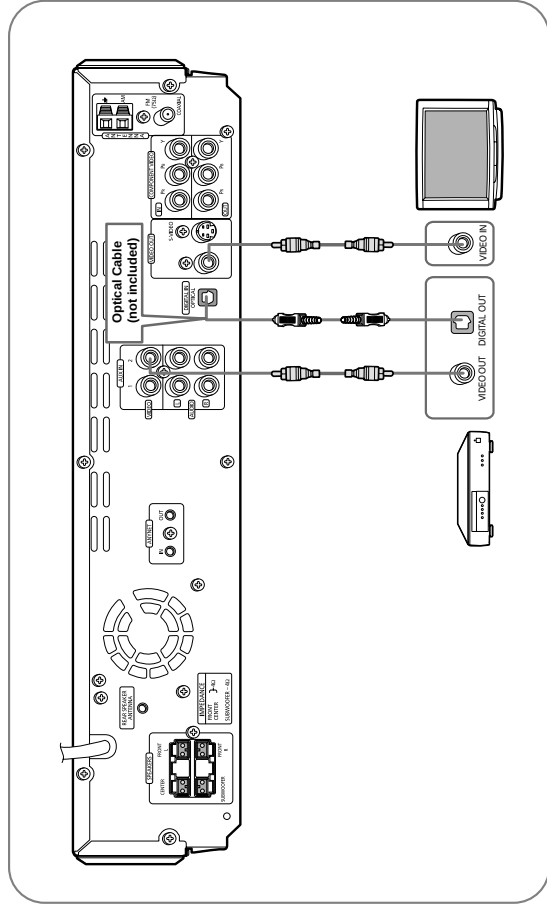
- This device is designed to work with the NTSC video format.
- For normal playback, the video format a DVD disc is recorded in must coincide with your TV's video format.



Connecting External Components

Connecting an External Digital Component

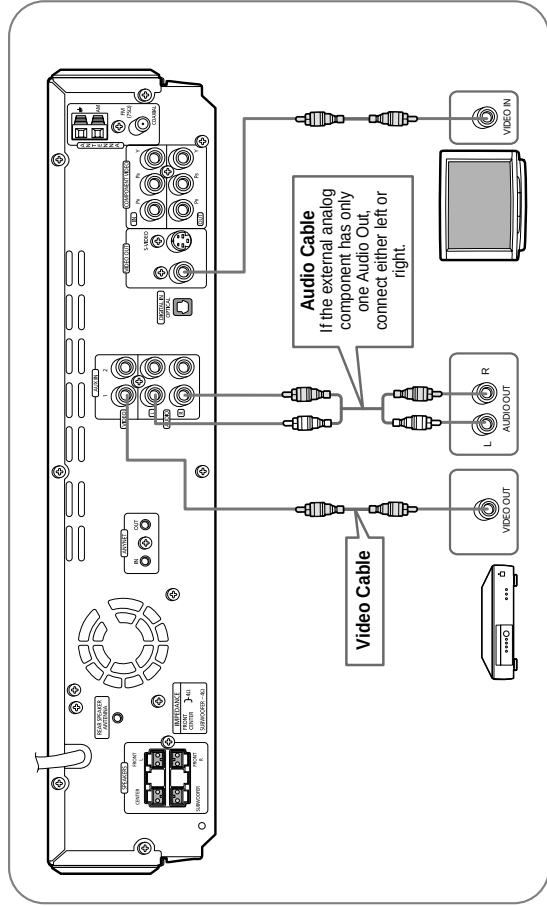
Example: Digital signal components such as a Settop Box or CD Recorder.



- 1 Connect Video Out on the DVD player to Video In on the TV.
- 2 Connect the Digital Input (OPTICAL) to the Digital Output on the external digital component.
- 3 Press **AUX** on the remote control to select 'DIGITAL IN'.
 - Each time the button is pressed, the selection changes as follows: **DIGITAL IN** → **AUX 1** → **AUX 2**.
 - You can also use the **FUNCTION** button on the main unit.
The mode switches as follows: **DVD/CD** → **DIGITAL IN** → **AUX1** → **AUX2** → **FM** → **AM**.

Connecting an External Analog Component

Example: Analog signal components such as a VCR or TV.



- 1 Connect Video Out on the DVD player to Video In on the TV.
- 2 Connect Video In on the DVD player to Video Out on the external analog component.
- 3 Connect Audio In on the DVD player to Audio Out on the external analog component.
 - Be sure to match connector colors.
- 4 Press **AUX** on the remote control to select **AUX 1** or **AUX 2**.
 - Each time the button is pressed, the selection changes as follows: **DIGITAL IN** → **AUX 1** → **AUX 2**.
 - You can also use the **FUNCTION** button on the main unit.
The mode switches as follows: **DVD/CD** → **DIGITAL IN** → **AUX1** → **AUX2** → **FM** → **AM**.

Note

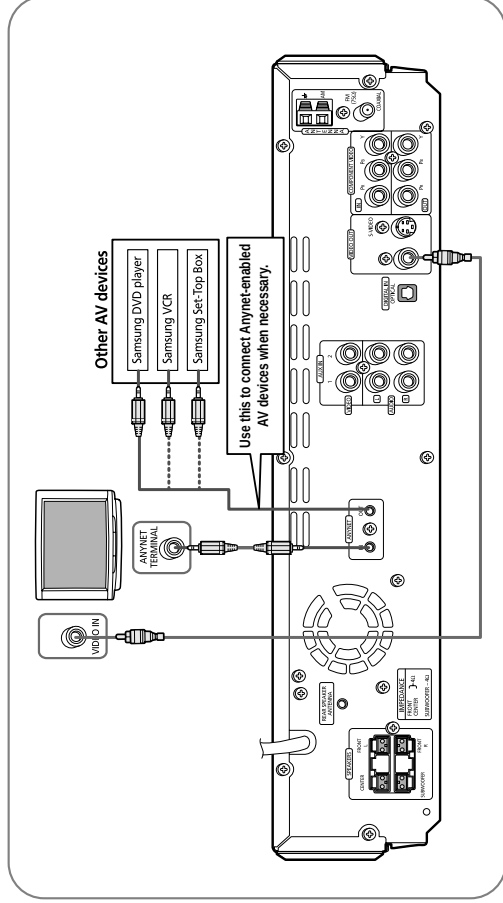
- If you have connected an external digital component and also an Analog component to Video In (1, 2) at the same time, there will be video from AUX 1 even when you select DIGITAL IN.
- If you have connected Audio In (L, R) to 1, connect Video In to 1 as well, and if you have connected Audio In (L, R) to 2, connect Video In to 2 also.
- When you select Aux 1 or 2, you are selecting Video 1 or 2 inputs respectively.

How to Connect to Anynet

Using the Anynet function, the DVD Home Theater System can be conveniently controlled from your Samsung TV. By connecting the Anynet output terminal on the DVD Home Theater System to the input terminal of any Samsung Anynet-enabled device, both can be controlled from your TV. For detailed operation instructions and connection diagram, refer to the user's manual of your Anynet-enabled TV.

What is Anynet?

- The Anynet function allows you to use your TV's remote control and menu to control all AV devices.
- **However, this function is available only with Samsung Anynet-enabled models.**



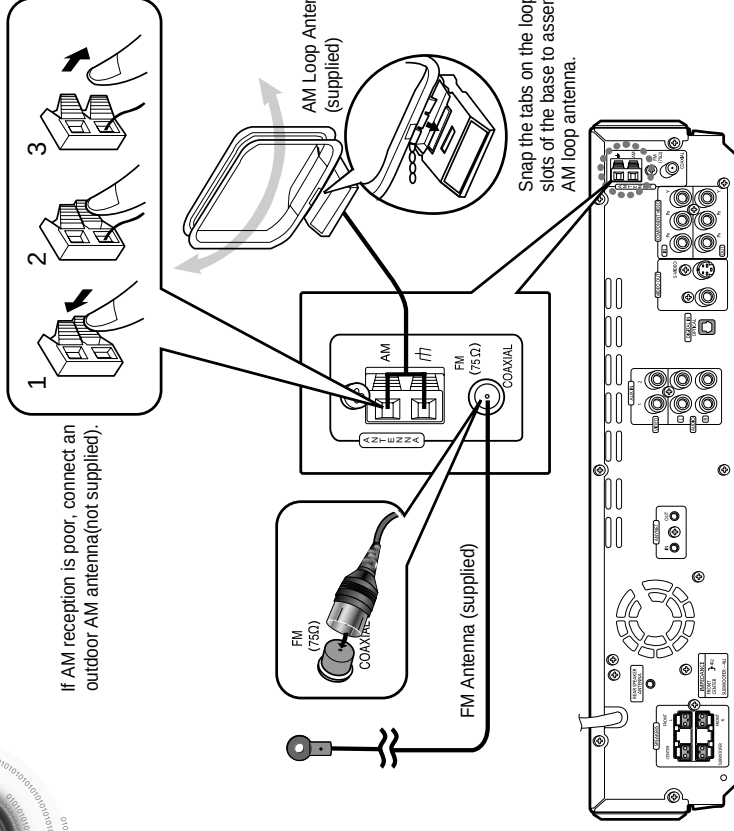
- 1 Connect the Anynet input terminal on the back of this unit to your Samsung TV's Anynet output terminal.
- 2 Connect the Anynet Out Terminal on the back of this unit to the Anynet input of Samsung external AV devices.
- 3 Refer to the user's manual of your Anynet-enabled TV and activate the Anynet function.

* This function is available only with Anynet-enabled TVs.

Caution

- If the Anynet input and output terminals are reversed, communication with the TV will fail and you will not be able to use the Anynet function.

Connecting the FM and AM Antennas



FM antenna connection

1. Connect the FM antenna supplied to the FM 75Ω COAXIAL terminal as a temporary measure.
2. Slowly move the antenna wire around until you find a location where reception is good, then fasten it to a wall or other rigid surface.

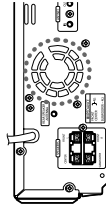
• If reception is poor, connect an outdoor antenna. Before attaching a 75Ω coaxial cable (with a standard type connector), disconnect the supplied FM antenna.

AM antenna connection

1. Connect the AM loop antenna supplied to the AM and FM terminals.
2. If reception is poor, connect an outdoor single vinyl-covered wire to the AM terminal. (Keep the AM loop antenna connected).

Cooling Fan

The cooling fan dissipates the heat generated inside the unit so that the unit can be operated normally. The cooling fan is activated automatically to supply cool air to the unit.



Please observe the following cautions for your safety.

- Make sure the unit is well-ventilated. If the unit has poor ventilation, the temperature inside the unit could rise and may damage it.
- Do not obstruct the cooling fan or ventilation holes. (If the cooling fan or ventilation holes are covered with a newspaper or cloth, heat may build up inside the unit and fire may result.)

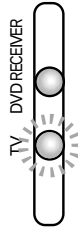


Before Using Your DVD Player

Your DVD player is capable of playing DVD, CD, MP3 and JPEG discs. Depending on the disc you are using, these instructions may vary slightly. Read the instructions carefully before using.

1 Plug the power cord into the AC power supply.

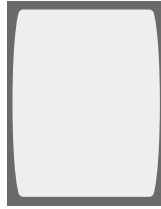
2 Press the **MODE** button so that the TV indicator on the remote control flashes.



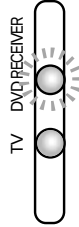
3 Press the **POWER** button to turn on the TV.



4 Press **TV/VIDEO** button to select VIDEO mode.



5 Press the **MODE** button so that the DVD RECEIVER indicator on the remote control flashes.



6 Press **DVD** button to select DVD/CD mode.

To Operate the TV and DVD Player with a Single Remote Control

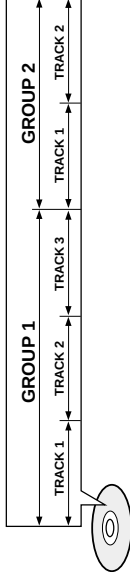
Press **MODE** button.

- Each time the button is pressed, the TV indicator (red) and the DVD Receiver indicator (green) will flash alternately.
- You can operate the TV while the TV indicator is flashing and the DVD player while the DVD indicator is flashing.
- Buttons Enabled for TV Operation: POWER, CHANNEL, VOLUME, TV/VIDEO, and Numeric (0-9) buttons.
- By default, the remote control is set to work with Samsung TVs. See page 65 for more information on the operation of the remote control.

Disc terminology

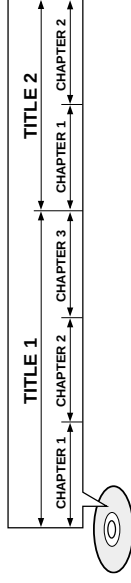
Groups and tracks (DVD-AUDIO)

- DVD-audios are divided into several large sections called "groups" and smaller sections called "tracks". Numbers are allotted to these sections. These numbers are called "group numbers" and "track numbers".



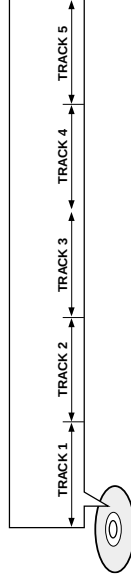
Titles and chapters (DVD-VIDEO)

- DVD-videos are divided into several large sections called "titles" and smaller sections called "chapters". Numbers are allotted to these sections. These numbers are called "title numbers" and "chapter numbers".



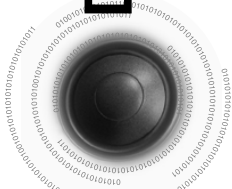
Tracks (Video and music CDs)

- Video and music CDs are divided into sections called "tracks". Numbers are allotted to these sections. These numbers are called "track numbers".



Note

- In this manual, the instructions marked with "DVD (DVD)" are applicable to DVD-VIDEO, DVD-AUDIO, and DVD-R/RW discs. Where a particular DVD type is mentioned, it is indicated separately.
- Depending on the content of the disc, the initial screen may appear different.



Disc Playback

1 Press **OPEN/CLOSE** button to open the disc tray.

2 Load one or more discs.

- Place a disc gently into the tray with the disc's label facing up.

3 Press **DISC SKIP** button.

- Rotate the carousel tray so you can load the third, fourth, and fifth discs .

4 Close the compartment by pressing the **OPEN/CLOSE** button again.



- Playback starts automatically.

To stop playback, press **STOP** during playback.

- If pressed once, "**PRESS PLAY**" is displayed and the stop position will be stored in memory. If **PLAY/PAUSE** (▶/||) button or **ENTER** button is pressed, playback resumes from the stop position. (This function works only with DVDs.)
- If pressed twice, "STOP" is displayed, and if **PLAY/PAUSE** (▶/||) button is pressed, playback starts from the beginning.

To temporarily pause playback, press **PLAY/PAUSE** during playback.

- To resume playback, press **PLAY/PAUSE** (▶/||) button again.



Selecting a Disc in the Disc changer

The DVD/CD function is automatically selected when Disc Skip is pushed.

To select a specific disc, press the corresponding **DIRECT PLAY** (**1, 2, 3, 4, 5**) buttons on the front panel or **DISC SKIP** on the remote control, until the required disc indicator flashes.

- All the discs will be played in turn, starting with the one selected.



If you wish to play the current disc only, press **REPEAT** on the remote control one or more times, until **REPEAT : DISC** is displayed.

If the disc selected is not loaded, the next disc is played automatically.

