SAMSUNG
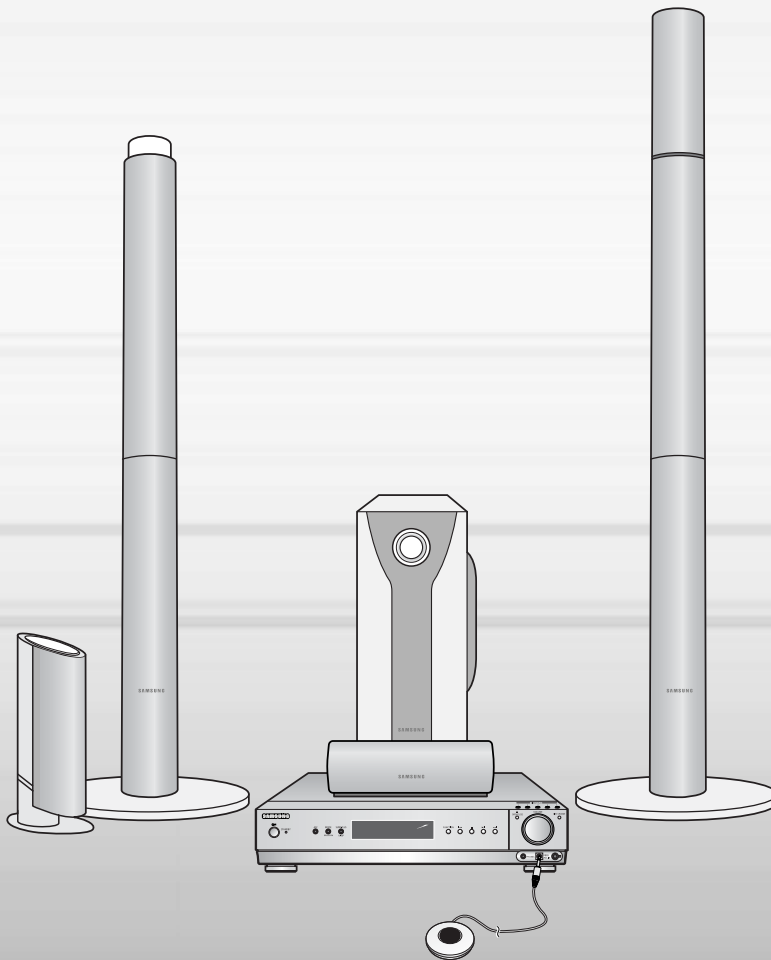
DIGITAL HOME THEATER SYSTEM

HT-DS665T

Instruction Manual

Anynet   DCDi byFAROUDJA   DVD AUDIO/VIDEO   DOLBY DIGITAL PRO LOGIC II   DIGITAL dts SURROUND   COMPACT disc DIGITAL AUDIO   COMPACT disc DIGITAL VIDEO   MP3 DIGITAL DISC PLAYBACK

Safety Warnings

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
RISK OF ELECTRIC SHOCK.
DO NOT OPEN

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

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

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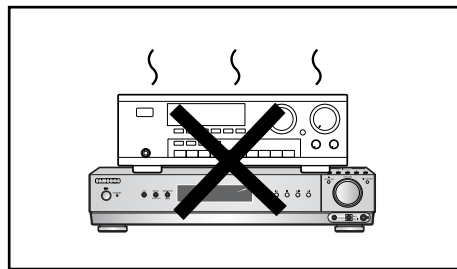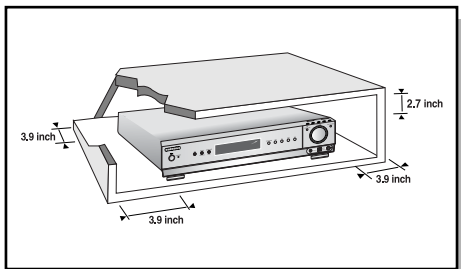
This symbol alerts you to important operating and maintenance instructions accompanying the unit.

**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.

1

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.
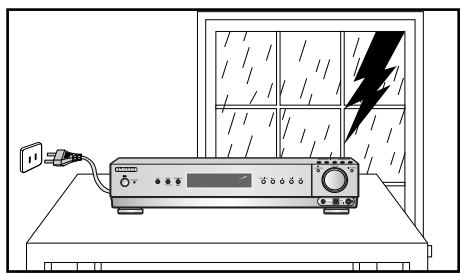
During thunderstorms, disconnect AC main plug from the wall outlet.
Voltage peaks due to lightning could damage the unit.
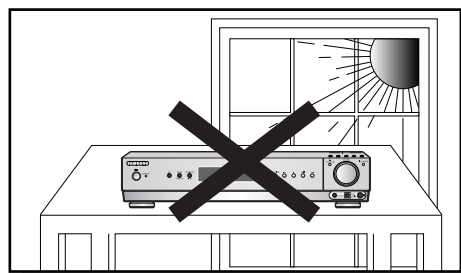
Do not expose the unit to direct sunlight or other heat sources.
This could lead to overheating and malfunction of the unit.
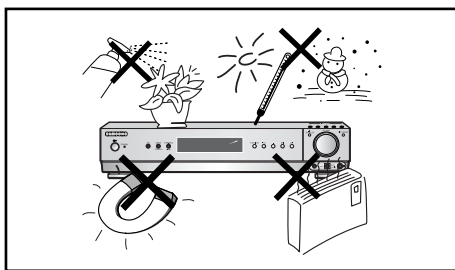
Protect the player from moisture(i.e. vases) , and excess heat(e.g.fireplace) or equipment creating strong magnetic or electric fields (i.e.speakers...). Disconnect the power cable from the AC supply if the player malfunctions. Your player is not intended for industrial use.
Use of this product is for 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.
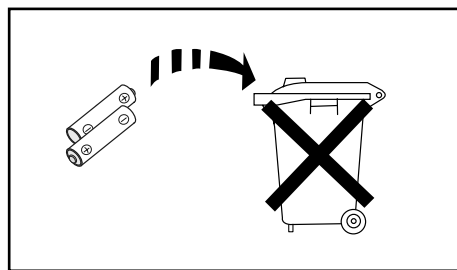
The battery used with this product contain chemicals that are harmful to the environment.
Do not dispose of batteries in the general household trash.

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Features

Multi-Disc Playback & AM/FM Tuner

The HT-DS665T combines the convenience of multi-disc playback capability, including DVD-AUDIO, DVD-VIDEO, VCD, 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.

sDSM™
Super Digital Sound Master

RRSS (Rear Reflecting Surround System)

You can install rear speakers in the front and enjoy lively sound similar to 5.1 channel sound if there is no space for installing the 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-DS665T automatically brightens and darkens the brightness of the TV screen after 3 minutes in the stop mode.
The HT-DS665T automatically switches itself into the power saving mode after 20 minutes in the screen saver mode.

Power Saving Function

The HT-DS665T automatically shuts itself off after 20 minutes in the stop mode.

Customized TV Screen Display

The HT-DS665T allows you to select your favorite image during JPEG, DVD playback and set it as your background wallpaper.

HDMI

HDMI transmits DVD video and audio signals simultaneously, and provides a clearer picture.

Samsung AV Device Operation using Anynet

Using Anynet you can conveniently operate your Samsung DVD and AV devices with your Samsung TV remote control.

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Contents

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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	*DVD* AUDIO / VIDEO	Audio + Video	5"	Approx. 240 min. (single-sided)
				Approx. 480 min. (double-sided)
			3 1/2"	Approx. 80 min. (single-sided)
				Approx. 160 min. (double-sided)
AUDIO-CD	COMPACT disc DIGITAL AUDIO	Audio	5"	74 min.
			3 1/2"	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.

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Disc Recording Format

CD-R Discs

- Some CD-R discs may not be playable depending on the disc recording device (CD-Recorder or PC) and the condition of the disc.
- Use a 650MB/74 minute CD-R. Other CD-R media, may not be playable.
- Some CD-RW (Rewritable) media, 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.
- A maximum of 500 tracks can be played per CD.
- A maximum of 300 folders can be played per CD.

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—

Auto Sound Calibration button

Tuning Down & Skip (⏮) buttons

Open/Close button

Direct Play button

Power (⏻/|) button

SURROUND PLUS button /
Virtual Headphone button

Disc Change
button

Standby indicator

Function button

Stop (■) button

Volume control

Remote Control Sensor

RRSS INPUT(Auto Sound
Calibration) Jack

MODE(RRSS/SDSM) button

Play/Pause (▶/||) button

Headphone Jack

Tuning Up & Skip (⏭) buttons

PRO LOGIC II indicator

LINEAR PCM indicator

GROUP indicator

CHAPTER indicator

REPEAT indicator

DISC A↔B indicator

DTS Disc
indicator

TRACK indicator

TITLE
indicator

PROGRAM indicator

TUNER indicator

LINEAR PCM		TITLE	GRP	CHAP	TRK	PRGM	TUNED	ST		REP. 1	DISC A↔B	
PRO LOGIC II												DSP
DIGITAL	dts											kHz
DVD AUDIO												MHz

L	C	R
	SW	
LS	S	RS

DISC(1~5)
indicator

System Status Display

SPEAKER indicator

DVD AUDIO indicator

DSP indicator

DOLBY DIGITAL indicator

RADIO FREQUENCY
indicator

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—Rear Panel—

Anynet Output/Input Connector

External Video Component Input Connectors

External Audio Component Input Connector

Video Output Connector
Connect the TV's video input jacks (VIDEO IN) to the VIDEO OUT connector.

COMPONENT VIDEO OUTPUT Connectors
Connect a TV with component video inputs to these jacks.

AM Antenna Connector

Cooling Fan

External Digital Optical Input Connector
Use this to connect external equipment capable of digital output.

FM Antenna Connector

5.1 Channel Speaker Output Terminals

VIDEO OUT SELECT SWITCH
Use the switch to set video out

HDMI Video/Audio Output Connector

S-Video Output Connector
If the TV is equipped with an S-Video input connector (S-VIDEO IN), connect it to the player's S-Video output.

Accessories

Remote Control	**Audio Cable**	**Video Cable**
Anynet Cable	**AM Antenna**	**FM Antenna**
User's Manual	**Auto Sound Calibration Microphone**	

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Description

—Remote Control—

TV, DVD POWER button
TV/VIDEO, DIMMER button
OPEN/CLOSE button

◻ PL II MODE button
Live Surround Mode –, + button

SURR. PLUS button /
Virtual Headphone button
VOLUME button
MENU button
RETURN button

Number(0~9) buttons

SLEEP button
LOGO COPY button
EZ VIEW button

TV indicator
DVD RECEIVER indicator
TV/DVD RECEIVER button

◻ DISC SKIP button   **AUX button**
TUNER BAND button

◻ PL II EFFECT button
SLOW, MO/ST button
ASC button

▶⫿ Play/Pause button   **■ Stop button**
◀◀▶▶ Tuning Preset/CD Skip button

SUPER 5.1 button
TUNING/CH button
INFO button
MUTE button

Cursor/Enter button

TEST TONE button
SOUND EDIT button
TUNER MEMORY / DCDi button
ZOOM button
CANCEL button
REMAIN button
REPEAT button

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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.
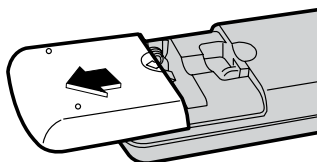
2 Insert two 1.5V AAA batteries, paying attention to the correct polarities (+ and –).
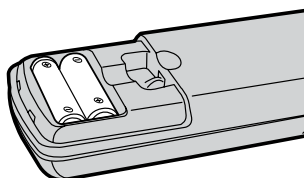
3 Replace the battery cover.
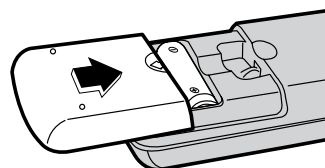
Caution **Follow these precautions to avoid leaking or cracking batteries:**
- Place batteries in the remote control so they match the polarity:(+) to (+)and (–)to (–).
- Use the correct type of batteries.Batteries that look similar may differ in voltage.
- Always replace both batteries at the same time.
- 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.
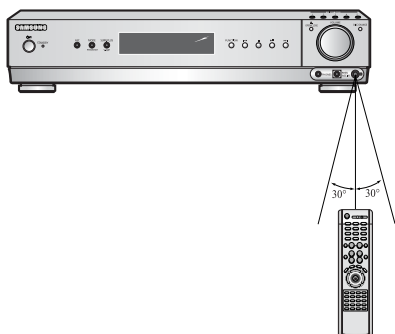
To open the remote control cover, push the top of the cover, then slide downward.

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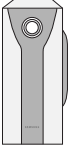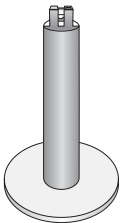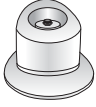
Speaker Assembly Method

The speakers can be installed on stands or a wall, depending whether the RRSS or SDSM speaker installation configuration is used.
Read the following instructions on speaker assembly carefully and install the speakers correctly.
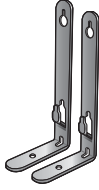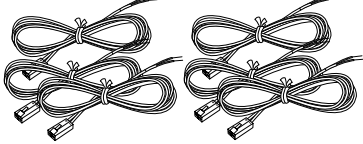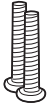
Speaker Components

Check the components before assembling and installing the speakers.

Front Speaker (2EA)	**Rear Speaker (2EA)**	**Center Speaker**	**Subwoofer**
Front Stand (2EA)	**Rear Stand (2EA)**	**Front Speaker Cover (2EA)**	

Speaker Accessories

Brackets (2EA)	**Speaker wires (6EA)**	**Screws (2EA)**

Note

- If you install it the rear speaker on the front speaker, you can adjust the rear speaker's angle by rotating it 30° to the right or left.

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Installing speakers in the RRSS (Rear Reflecting Surround System) Configuration using stands

Installing speakers on Front stands
Follow the instructions and install the speaker as shown below.
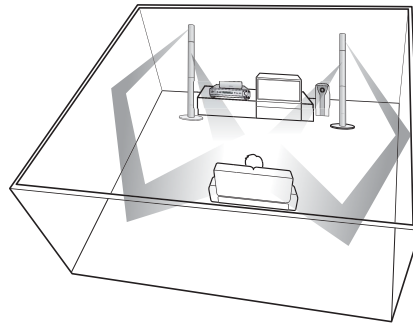
1 Install the front speaker on the front stand.
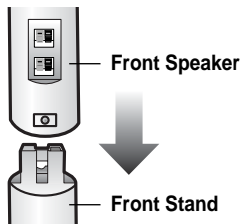
— **Front Speaker**

— **Front Stand**

2 Turn the screw on the rear of front speaker to fasten it.

Phillips Screwdriver

3 Install the rear speaker on the front speaker.
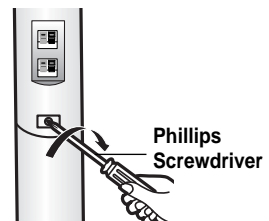
— **Rear Speaker**
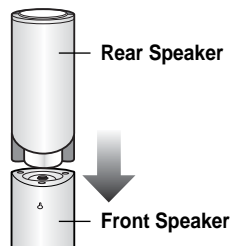
— **Front Speaker**

4 Connect the rear speaker wire and front speaker wire on the rear of front stand.

REAR

FRONT

Rear Speaker wire
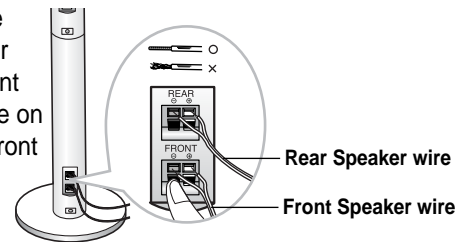
Front Speaker wire

Note

- Sound comes out whether you connect either of Front Speaker and Front Stand. Select one to connect the speaker wire.
- If you assemble Front Speaker and Front Stand, it is recommended to connect the speaker wire to the rear of front stand for clean wire arrangement.
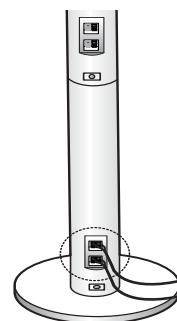
12

Speaker Assembly Method (Con't)

Installing speakers in the RRSS (Rear Reflecting Surround System) Configuration using wall mounts

Installing the Front/Rear speakers together on the wall
Follow the instruction and install the speakers as shown below.

1 Install the rear speaker on the front speaker.
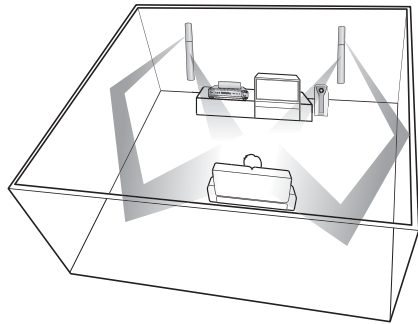
Rear Speaker
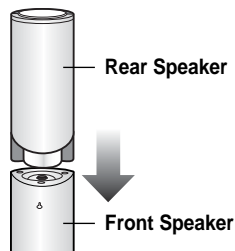
Front Speaker

2 Connect the rear and front speaker wires to the rear of front speaker.

REAR

FRONT

Rear Speaker wire

Front Speaker wire

3 Fasten 2 screws (separated) on the wall.

28cm
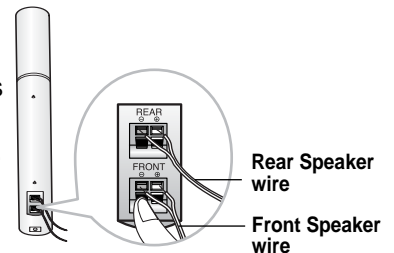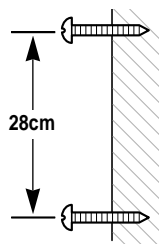
4 Hang the front/rear speaker on the wall.

Fit the speaker hole into the screw on the wall to hang (mount) the speaker.
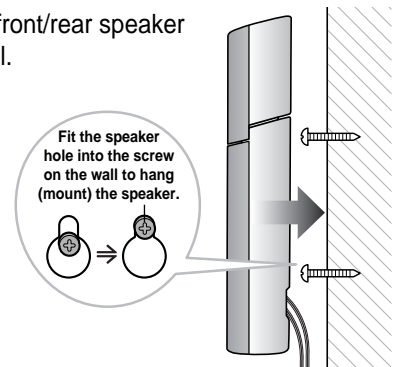
Caution   • To avoid personal injury or damage to the speakers when installed on the wall, make sure to tightly fasten the speakers so they will not fall down.

13

Installing speakers in the SDSM (Super Digital Sound Master) Configuration using stands

Installing the Front and Rear speakers on stands
Follow the instructions and install the speakers as shown below.
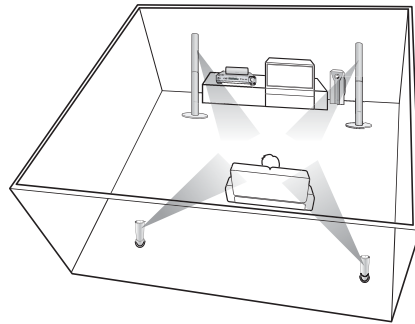
1 Install the front speaker on the front stand.

Front Speaker

Front Stand

2 Turn the screw on the rear of front speaker to fasten it.

Phillips Screwdriver
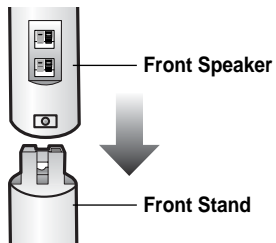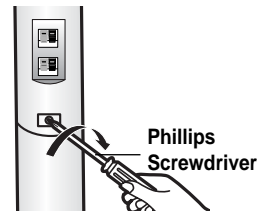
3 Insert the front speaker cover on the front speaker.

Front Speaker Cover
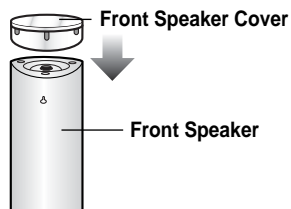
Front Speaker

4 Connect the front speaker wire to the rear of front stand.

REAR

FRONT
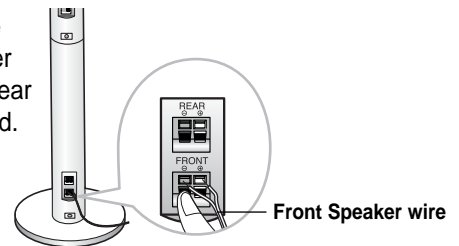
Front Speaker wire

5 Insert the rear speaker on rear stand.

Rear Speaker
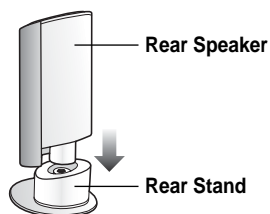
Rear Stand

6 Connect the rear speaker wire to the bottom of rear stand.

Rear Speaker wire

bottom of rear stand

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Speaker Assembly Method (Con't)

Installing speakers on front and rear walls
Follow the instructions and install the speakers as shown below.
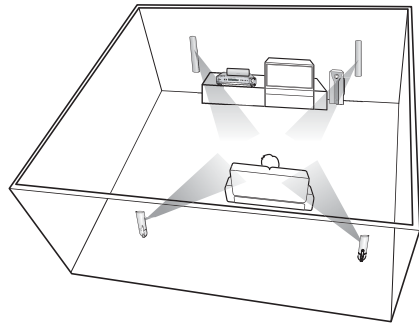
1 Insert the front speaker cover on the front speaker.

Front Speaker Cover

Front Speaker

2 Connect the front speaker wire on the rear of front speaker.
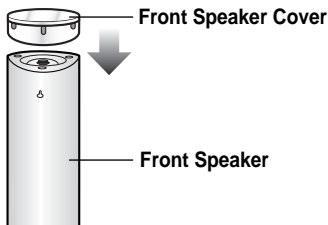
REAR

FRONT
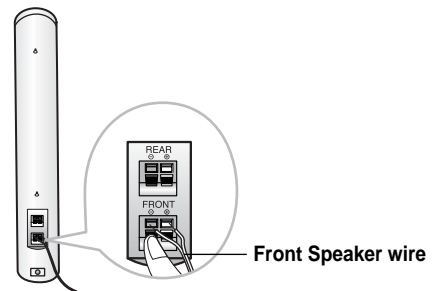
Front Speaker wire

3 Fasten 2 screws (separately sold) on the wall.

28cm
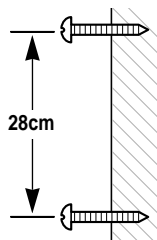
4 Hang the front speaker on the wall.

15
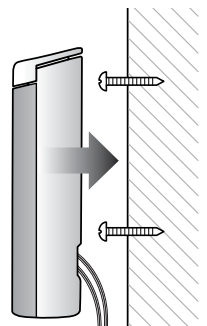
5 Unfasten and disconnect the screw on the bottom of rear stand.

Phillips Screwdriver

bottom of rear stand
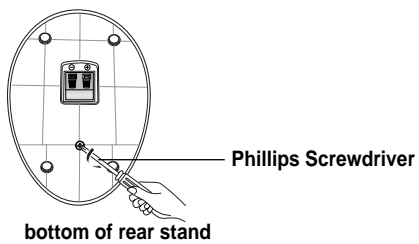
6 Assemble rear stand and bracket.

Bracket

Screw

Phillips Screwdriver
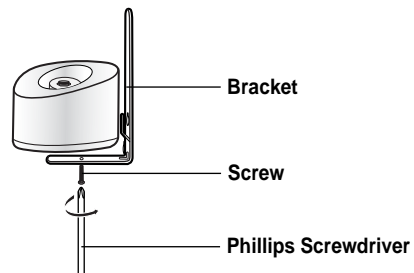
7 Install the rear speaker on the rear stand.

Rear Speaker
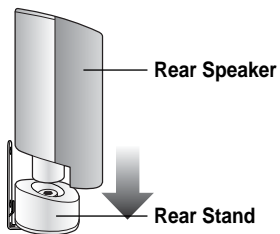
Rear Stand

8 Connect the rear speaker wire on the bottom of rear stand.

Rear Speaker wire

bottom of rear stand
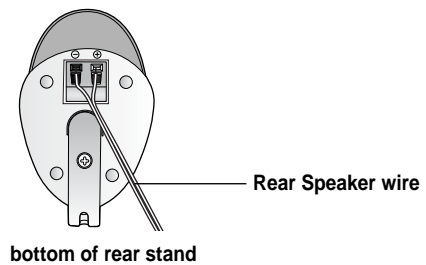
9 Fasten 2 screws (separated) on the wall.

9cm
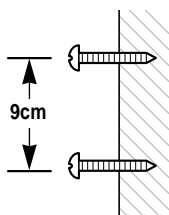
10 Hang the rear speaker on the wall.

16
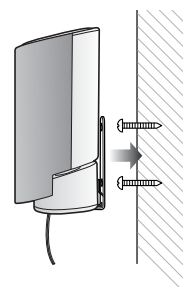
Connecting the Speakers

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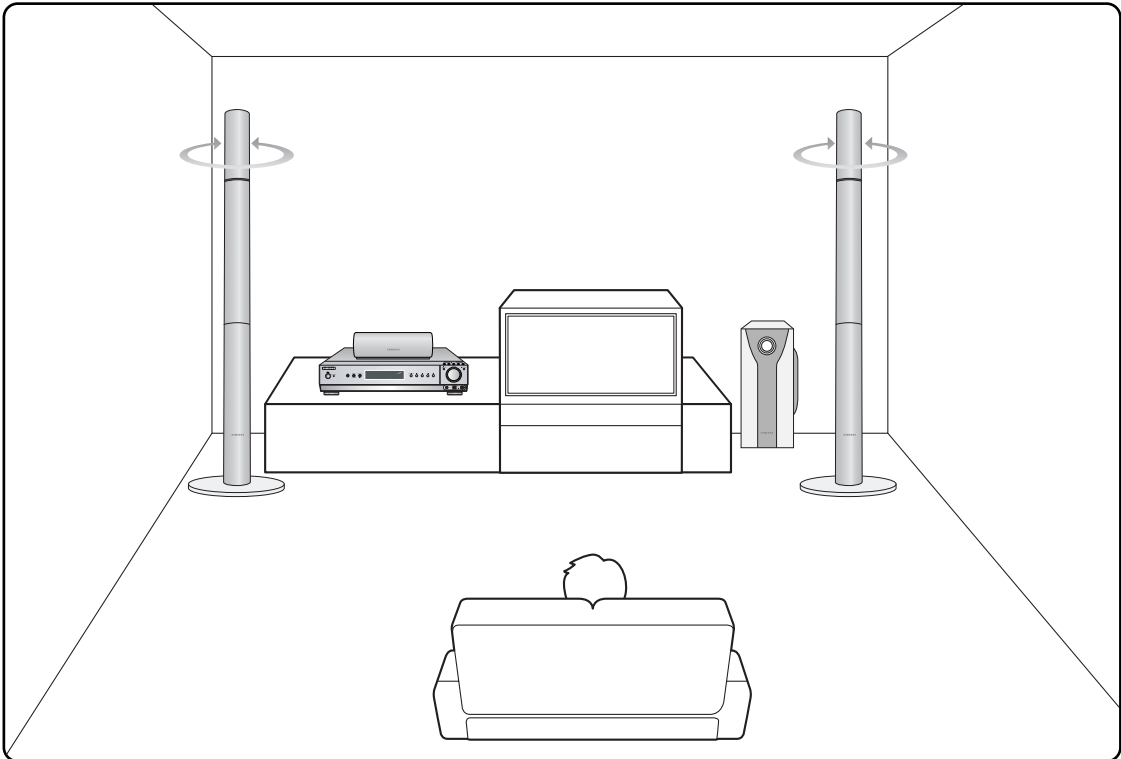
Position of the DVD Player

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

Front/Rear Speakers **L** **R** / **LS** **RS**

- 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.

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 (6~8 feet)
For 55" TVs 3.5~4m (11~13 feet)

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.

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.

17

●Connect the front/rear, center, and subwoofer speakers to the speaker terminals on the back of the main unit.

Front/Rear Speaker (L)

White

Blue

Center Speaker

Green

Front/Rear Speaker (R)

SPEAKERS
(IMPEDANCE 3Ω)

CENTER   REAR   FRONT

Purple

SUBWOOFER REAR FRONT

Red

Gray

Subwoofer

Back of the Main Unit
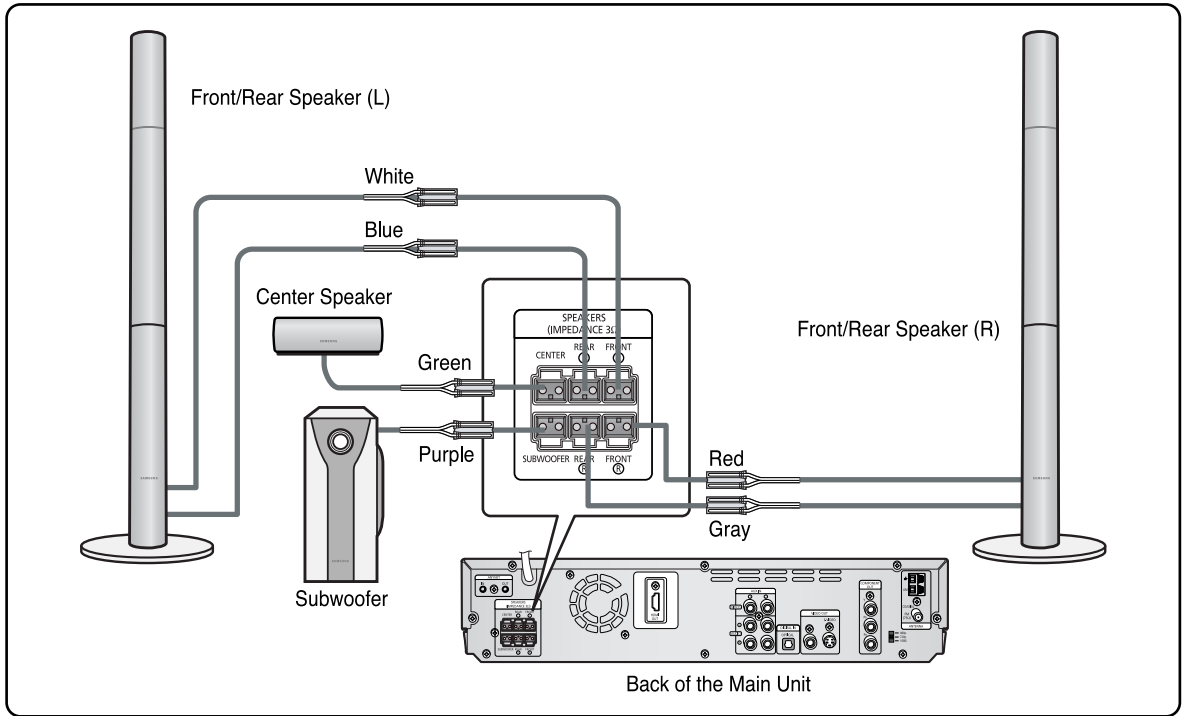
Back of the Speaker

1 Press down the terminal tab on the back of the speaker.

(−) (+)

2 Insert the black wire into the black terminal (−) and the gray wire into the gray (+) terminal, and then release the tab.

Black ——— Gray

(−) (+)

Caution

• Do not let children play with the speakers.
  They could get hurt if a speaker falls.
• When connecting the speaker wires to the speakers, make sure that the polarity (+/) is correct.
• Never touch the speaker terminal while the power is on. Doing so may result in a risk of electric shock.
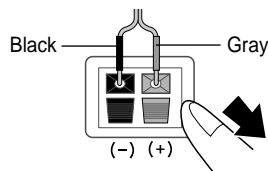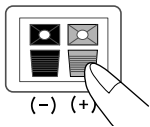
Back of the Main Unit

3 Connect the wires to the output plugs of the same color on the back of the main unit, making sure that the polarity (+/−) is correct.
  Example: Connect the center speaker's green wire to the center speaker output plug (green) on the back of the main unit.

Note

• If you place a speaker near your TV set, screen color may be distorted because of the magnetic field generated by the speaker. In this case, place the speaker away from your TV set.

18

Connecting the Video Out to TV

Choose one of the four methods for connecting to a TV.

*Better picture quality (in increasing order): **Composite ← S-Video ← Component ← HDMI**

HT-DS665T

METHOD 4

METHOD 2

METHOD 3

METHOD 1
(supplied)

TV
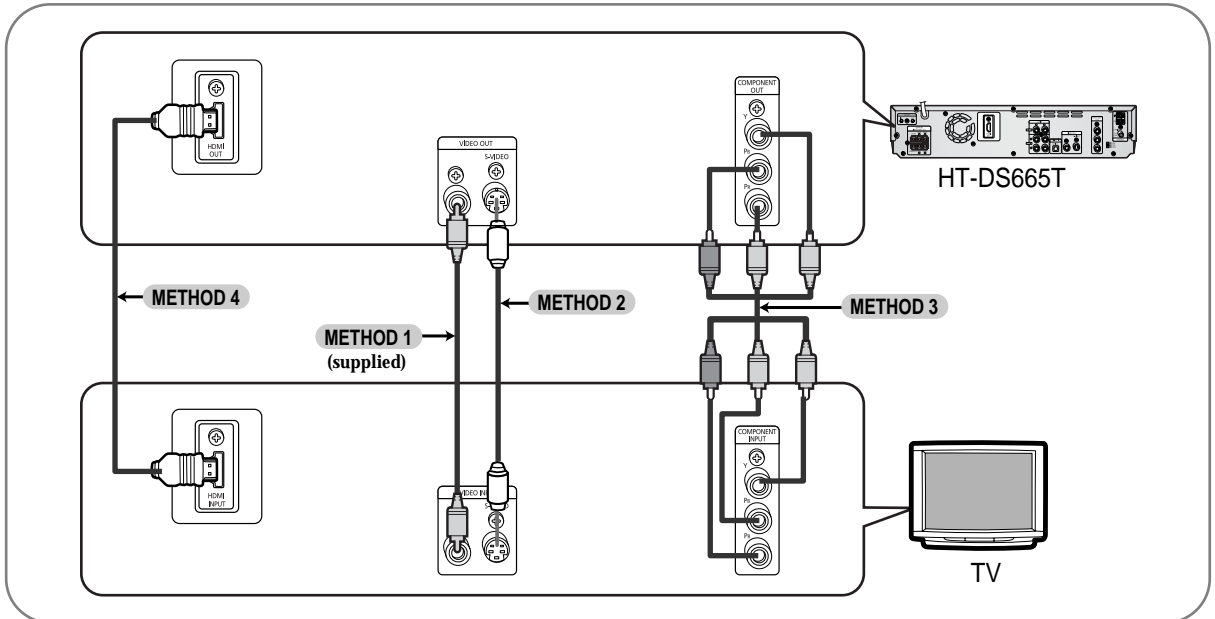
METHOD 1   **Composite Video ······ (Good Quality)**

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

METHOD 2   **S-Video ······ (Good Quality)**

- If you 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.

METHOD 3   **Component Video ······ (Better 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 TV.

  Note   • If the TV only supports a resolution of 576i(480i), the screen may be divided into 2 screens,
              or display nothing.

METHOD 4   **HDMI Video/Audio ······ (Best Quality)**

- Connect the HDMI out to the HDMI input on your TV.

19

What is HDMI (High Definition Multimedia Interface)?

This device transmits DVD video and audio signals digitally without the process of converting to analog. You can get sharper digital pictures by connecting the video to the TV using an HDMI connection cable.

Note

- If you connect the HDMI and Component outputs (P$_R$, P$_B$, Y) at the same time, the Component output resolution changes automatically to the designated HDMI resolution.
  Example: If the TV connected to HDMI can only support up to 480p, the HDMI and Component outputs are all converted to 480p, even if you select the resolution switch to 1080i.

- Since this product has an embedded Video Upscaler function with Faroudja DCDi technology, it can enhance a 576i(480i) DVD resolution output to 480p/720p/1080i.

- You do not have to make separate adjustments, since the Home Theater and TV will be automatically adjust themselves to the optimal resolution and aspect ratio if connected to HDMI. (If the TV is an HDTV and has an HDMI Input jack, output is automatically converted to 1080i resolution.)

- Audio will not be output if decoder is not embedded in TV during 5.1 channel disc playback.

- Component output will give video in '480p' mode only during DVD disc playback applied with Macrovision.

- Macrovision processes scramble on analog output to prevent illegal recording. Accordingly, if you are using HDMI only, it can output 480p/720P/1080i, but is limited to 480p only if you are using component.

- When both HDMI and COMPONENT jacks are connected, COMPONENT video is not displayed.

- See your TV owner's manual for more information on how to select the TV's Video Input source.

TV Broadcast System

- This device is designed to work with the NTSC video format.
- For normal playback, the video format used to record a DVD disc must be compatible with your TV's video format.

20

Connecting the Video Out to TV

Selecting Resolution

You can adjust the resolution switch to set the HDMI and component (P_R, P_B, Y) output resolution to 480p/720p/1080i.

Example: If the TV supports resolution up to 480p

1 Set the resolution switch to 480p.

- A 480p video signal is output through the HDMI and component outputs (P_R, P_B, Y).

```
— 480p
— 720p
— 1080i
```
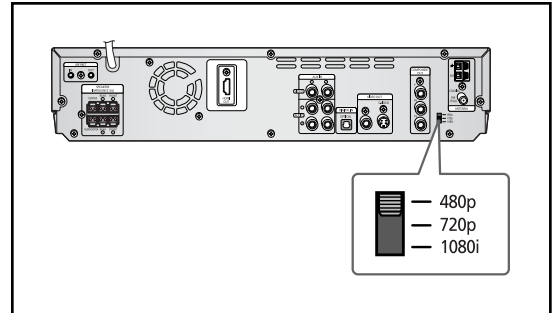
Caution

- If you connect the HDMI and Component outputs (P_R, P_B, Y) at the same time, Component output resolution changes automatically to the designated HDMI resolution.

Note

- If copy protection is in place, output resolution is automatically converted to 480p when you play the DVD, even if you set the resolution to 720p or 1080i.

DCDi (Directional Correlational Deinterlacing) Function

Converts the interlace signal to progressive to prevent flickering and to remove distortion or noise on the edge of screen.

Press and hold **DCDi** button on the remote control for over 3 seconds.

- Each time the button is pressed, the selection alternates between **DCDi ON** and **DCDi OFF**.

21
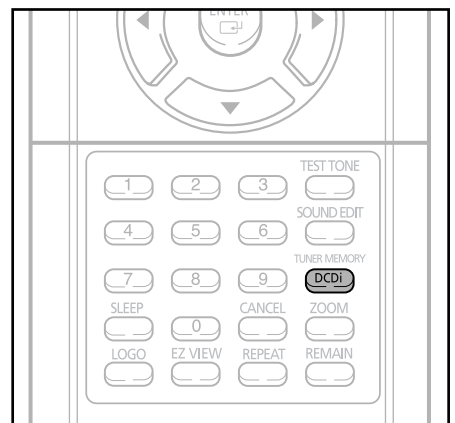
Connecting External Components

Connecting an External Digital / Analog Component

Example: Digital signal components such as a Set-Top Box or CD Recorder.

Analog signal components such as a VCR or TV.

Audio Cable
If the external analog component has only one Audio Out, connect either left or right.

Optical Cable
(not included)
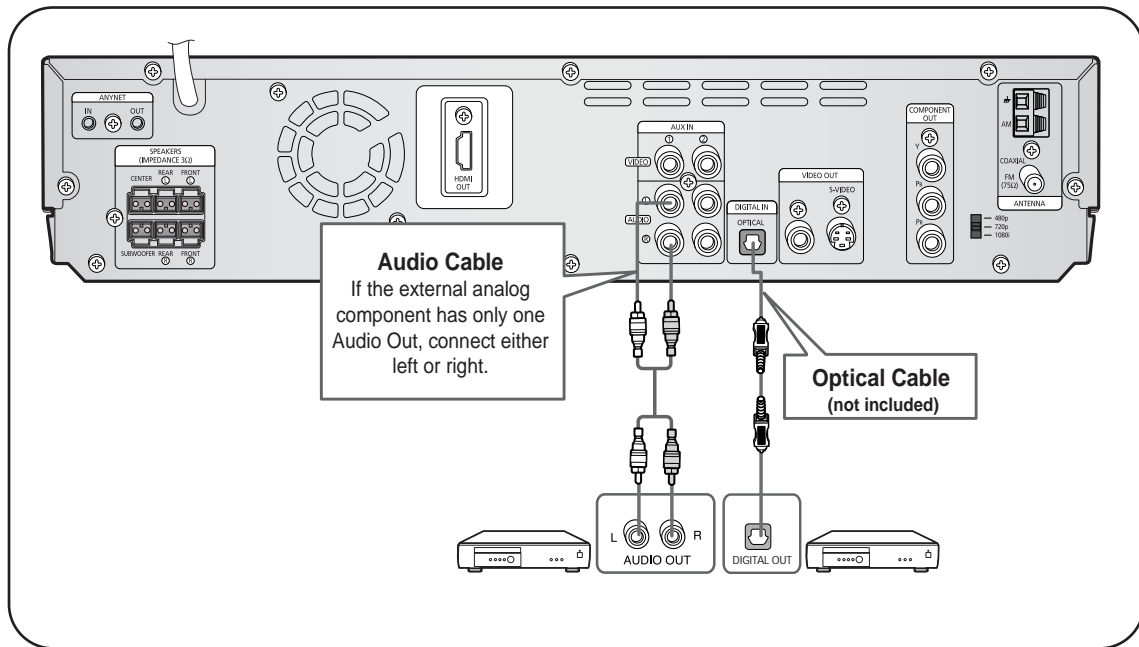
1 Connect the Digital Input (OPTICAL) to the Digital Output on the external digital component.

2 Connect Audio In on the DVD player to Audio Out on the external analog component.
- Be sure to match connector colors.

3 Press **AUX** on the remote control to select 'DIGITAL IN / AUX1 / 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 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. If you have connected Audio In (L, R) to 2, connect Video In to 2.
- When you select Aux 1 or 2, you are selecting Video 1 or 2 inputs respectively.

22

How to Connect to Anynet

Using an Anynet-enabled TV, you can control the DVD Home Theater System and any other Samsung Anynet-enabled AV device. 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 Samsung TV's remote control and menu to control all AV devices.
- **However, this function is available only with Samsung Anynet-enabled models.**

Other AV devices

Samsung DVD player

Samsung VCR

Samsung Set-Top Box

Use this to connect Anynet-enabled AV devices when necessary.

ANYNET TERMINAL

VIDEO IN
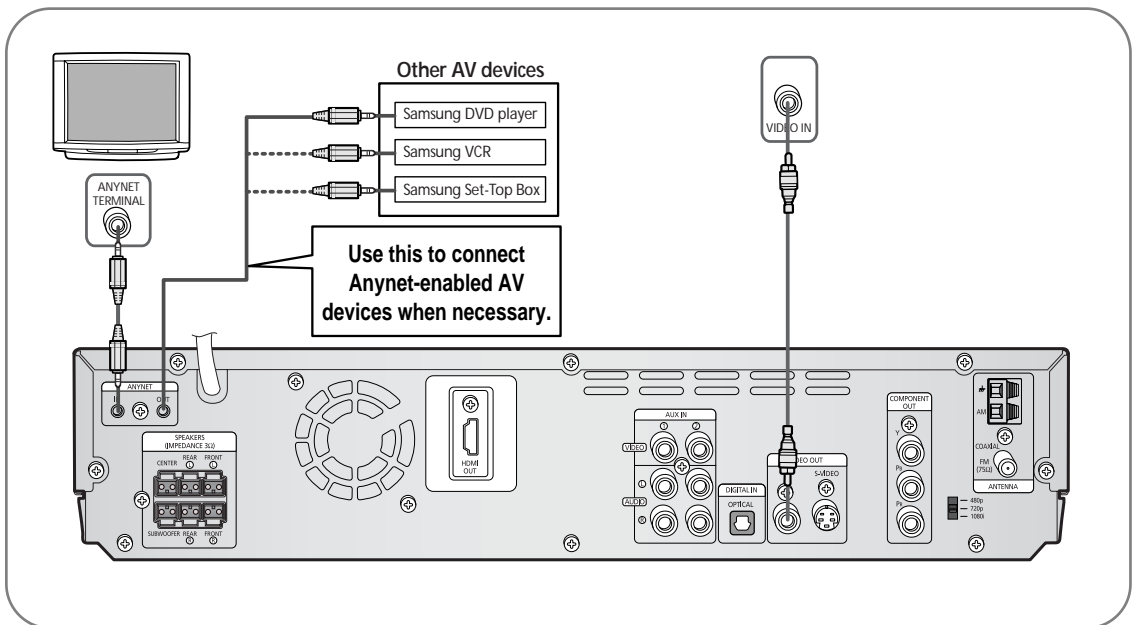
1 Connect the Anynet input terminal on the back of this unit to your Samsung TV's Anynet output terminal.

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.

23

Connecting the FM and AM Antennas

If AM reception is poor, connect an outdoor AM antenna(not supplied).

1   2   3

COAXIAL
FM (75Ω)

AM Loop Antenna (supplied)

FM Antenna (supplied)

COAXIAL
FM (75Ω)

ANTENNA

Snap the tabs on the loop into the slots of the base to assemble the AM loop antenna.
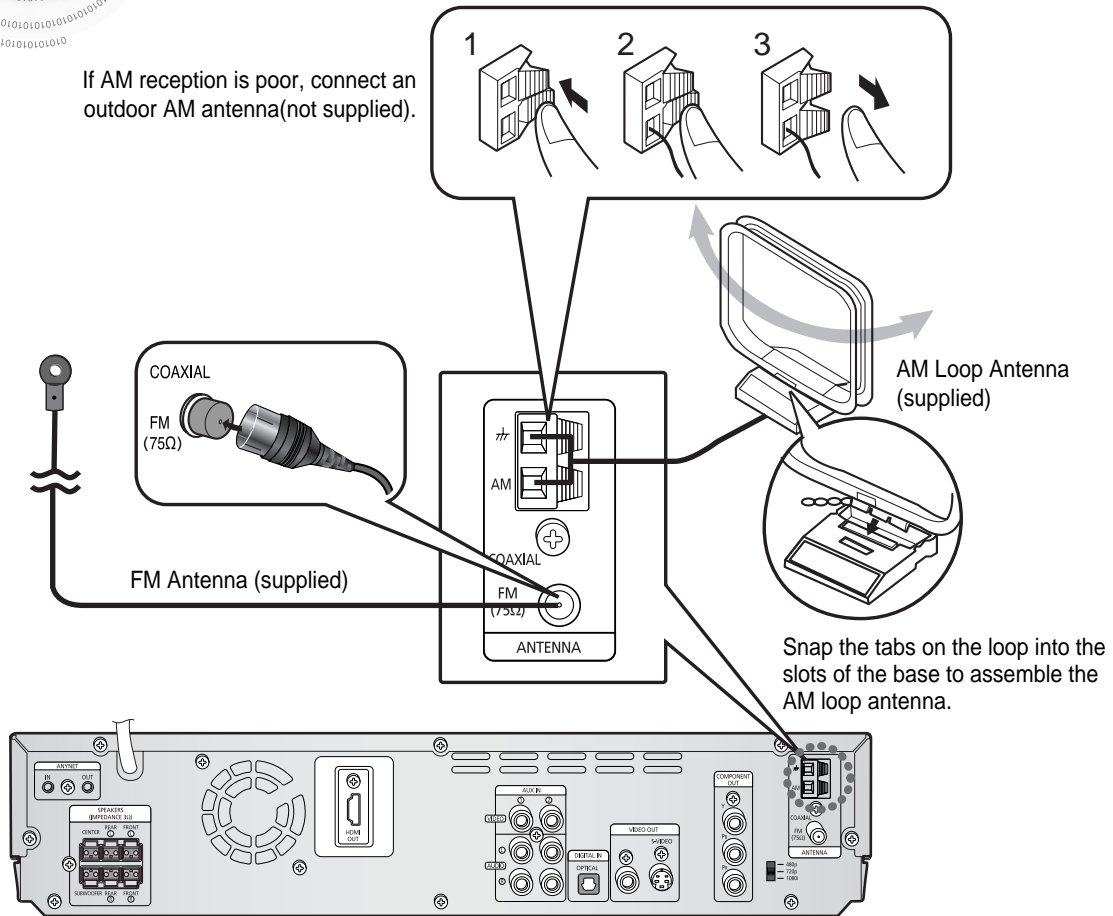
FM antenna connection

1. **Connect the FM antenna supplied to the FM 75Ω COAXIAL terminal.**
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.**

AM antenna connection

1. **Connect the AM loop antenna supplied to the AM and ⊓ 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 supplies cool air to the unit to prevent overheating.
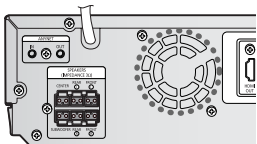
Please observe the following cautions for your safety.

- 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.)

24

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 main unit's power cord into the AC power supply.

2 Press **TV/DVD RECEIVER** button until the DVD indicator lights.

TV   DVD RECEIVER

3 Press **POWER** button to turn on the main unit and then press **DVD** button to select "**DVD/CD**" function of the remote control.

4 Press **TV/DVD RECEIVER** button until the TV indicator llights.

TV   DVD RECEIVER

5 Press **POWER** button to turn on the main unit and then press **TV/VIDEO** button to select "**External Input**" mode.

6 Press **FUNCTION** button on the main unit to select DVD/CD mode.

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

Press **TV/DVD RECEIVER** button.

- You can operate the TV after TV indicator (red) blinks 1 time, and operate DVD receiver after DVD indicator (green) blinks 1 time.
- 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 79 for more information on the operation of the remote control.
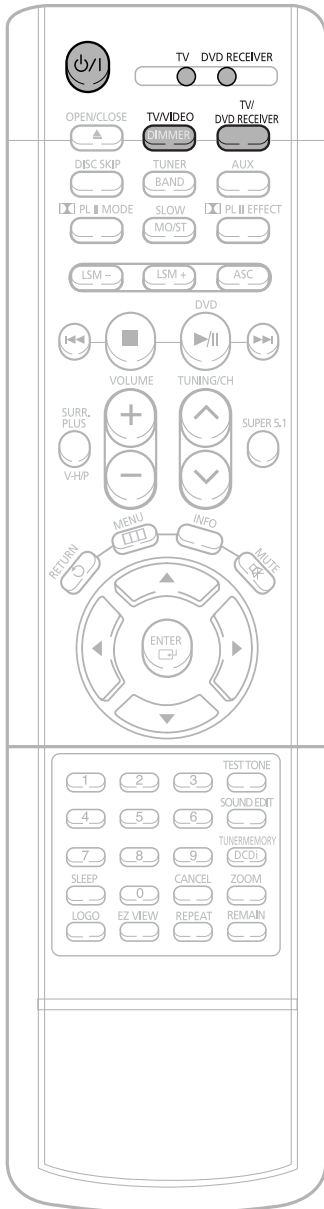
Disc terminology

Groups and tracks (DVD-AUDIO)

● DVD-audio is 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".

GROUP 1			GROUP 2	
TRACK 1	TRACK 2	TRACK 3	TRACK 1	TRACK 2
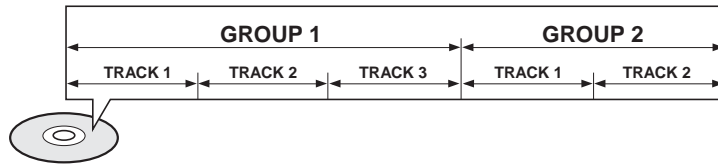
Titles and chapters (DVD-VIDEO)

● DVD-video is 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".

TITLE 1			TITLE 2	
CHAPTER 1	CHAPTER 2	CHAPTER 3	CHAPTER 1	CHAPTER 2
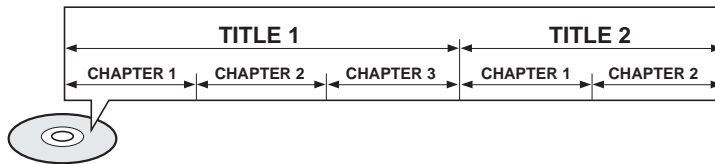
Tracks (Video and music CDs)

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

TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5
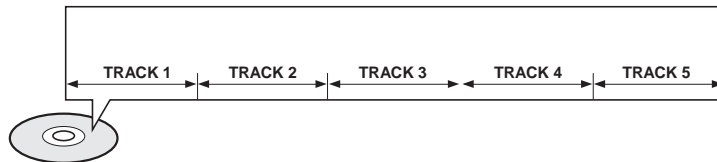
Note
● **In this manual, the instructions marked with "DVD (DVD)" are applicable to DVD-VIDEO, DVD-AUDIO, and DVD-R/RW discs.**
Where a particular DVD type is mentioned, it is indicated separately.

● Depending on the content of the disc, the initial screen may appear different.

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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.

DVD   VCD   CD

- 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.

27
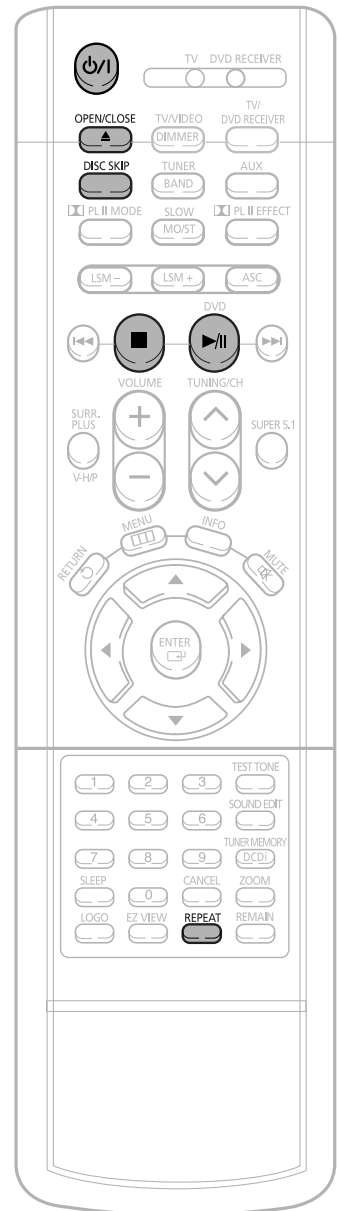
Selecting a Disc in the Disc changer

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.

CHAP
1   0:04 20   1 2 3 4 5

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.

28

MP3-CD Playback

Data CDs (CD-R, CD-RW) encoded in MP3 format can be played.

1 Press the **OPEN/CLOSE** button to open the disc tray, and then load the MP3 disc.

- The MP3 menu screen will appear and playback will start.
- The appearance of the menu depends on the MP3 disc.

```
DVD RECEIVER              ● SMART NAVI
🗀 ROOT          mp3 Something like you
🗀 MUSIC 1       mp3 Back for good
🗀 MUSIC 2       mp3 Love of my life
🗀 MUSIC 3       mp3 More than words
                mp3 I need you
                mp3 My love
                mp3 Uptown girl
⊛ MOVE    ⊞ SELECT    ▣ □ STOP
```

2 In Stop mode, use Cursor ◀, ▶, ▲, ▼ buttons to select the album, and then press the **ENTER** button.

```
DVD RECEIVER              ● SMART NAVI
🗀 ROOT          mp3 Without You
🗀 MUSIC 1       mp3 Yesterday
🗀 MUSIC 2       mp3 Let It Be
🗀 MUSIC 3       mp3 Imagine
                mp3 Honesty
                mp3 Bohemian Rhapsody
                mp3 Hotel California
⊛ MOVE    ⊞ SELECT    ▣ □ STOP
```

3 To change the album or track, use Cursor ◀, ▶, ▲, ▼ buttons to select another album in Stop mode, and then press the **ENTER** button.

- To select another album and track, repeat Steps 2 and 3 above.

4 Press the **STOP** button to stop playback.
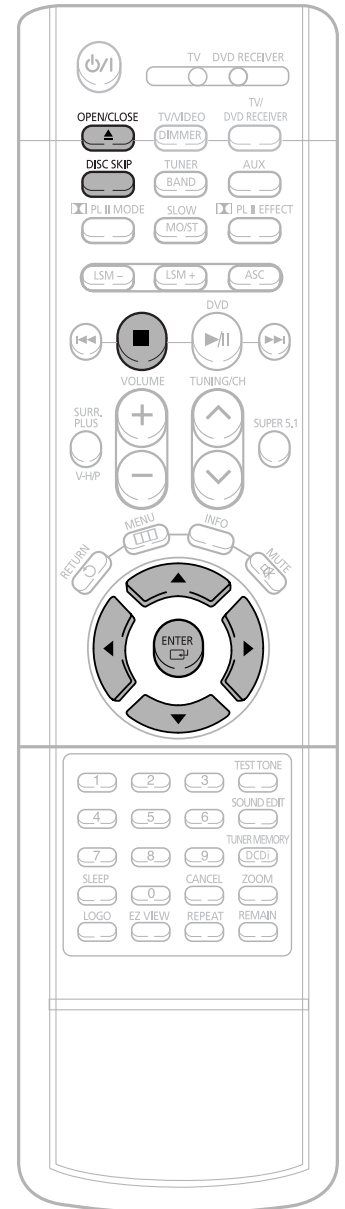
Note
- Depending on the recording mode, some MP3-CDs may not play.
- Table of contents of a MP3-CD varies depending on the MP3 track format recorded on the disc.

29

JPEG Disc Playback

Images captured with a digital camera or camcorder, or JPG files on a PC can be stored on a CD and then played back with this unit.

Press the **OPEN/CLOSE** button to open the disc tray, and then load the JPEG disc.

- Playback will start automatically and each image will show for 5 seconds before moving to the next image.

To rotate the image

During playback, press Cursor ▲,▼,◀,▶ buttons.

▲ Rotate vertically	◀ Rotate 90° counterclockwise
▼ Rotate horizontally	▶ Rotate 90° clockwise

30
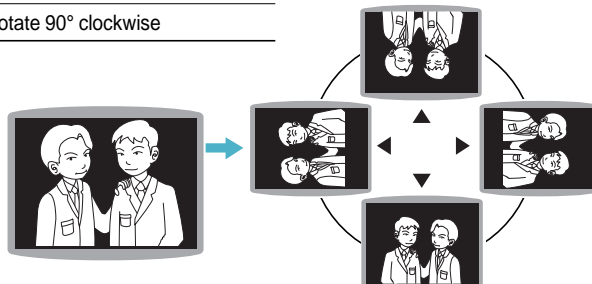
Displaying Disc Information

You can view disc playback information on the TV screen.

Press **INFO** button.

● Each time the button is pressed, the display changes as follows:

DVD

| DVD | 🔒 01/01 | ✿ 001/040 | ⏱ 0:00:37 | 📹 1/1 |

⬇

| DVD | KO 1/3 | DOLBY DIGITAL | OFF/ 02 | ↻ OFF |

⬇

Display disappears

VCD CD

| CD | ◎ 02/15 | 🎧 LR | ↻ OFF | ⏱ 0:02:30 |

SAMSUNG DIGIT*all*

⬇

Display disappears

MP3 JPEG

| MP3 | ◎ 0001/0042 | ⏱ 0:00:09 | ↻ OFF |

DVD RECEIVER   ● SMART NAVI
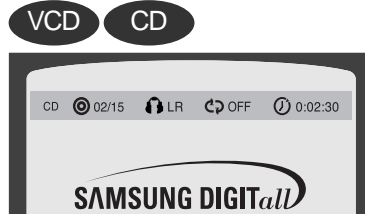
🗁 ROOT	MP3 Something like you
	MP3 Back for good
	MP3 Love of my life
	MP3 More than words

⬇
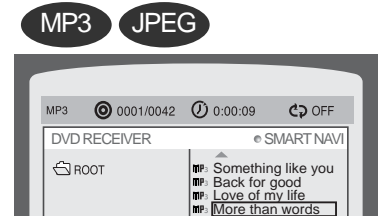
Display disappears

● 🖐 **appears on the TV screen!**
If this symbol appears on the TV screen while buttons are being operated, that operation is not possible with the disc currently being played.

● **What is a Group?**
A group of tracks contained in a DVD-AUDIO disc.

● **What is a Title?**
A movie contained in a DVD-VIDEO disc.

● **What is a Chapter?**
Each title on a DVD disc is divided into several smaller sections called "chapters".

● **What is a Track (File)?**
A section of video or a music file recorded on a DVD-AUDIO, CD, or MP3-CD.

Note

● Depending on the disc, the disc information display may appear different.
● Depending on the disc, you can also select DTS, DOLBY DIGITAL, or PRO LOGIC.

Screen Display

DVD	DVD display	DVD AUDIO	DVD-AUDIO display	✿	CHAPTER display	↻	REPEAT PLAYBACK display	🎧 LR	STEREO (L/R) display
VCD	VCD display	🔒	TITLE display	◎	TRACK (FILE) display	📷	AUDIO LANGUAGE display	DOLBY DIGITAL	DOLBY DIGITAL display
CD	CD display	🔒 G	GROUP display	⏱	ELAPSED TIME display	⊞	SUBTITLE display	📹	ANGLE display
MP3	MP3 CD display								

31

Checking the Remaining Time
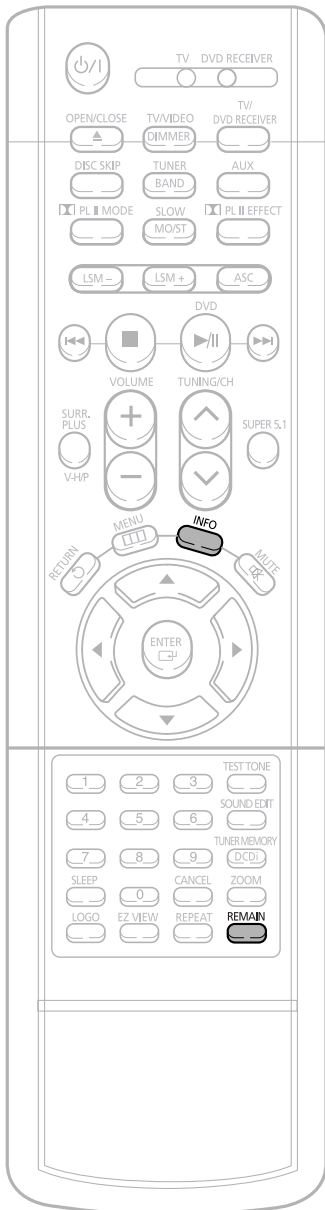
Press the REMAIN button.

- For checking the total and remaining time of a title or chapter being played.

Each time the REMAIN button is pressed

DVD-VIDEO

TITLE ELAPSED
⬇
TITLE REMAIN
⬇
CHAPTER ELAPSED
⬇
CHAPTER REMAIN

DVD-AUDIO

GROUP ELAPSED
⬇
GROUP REMAIN
⬇
TRACK ELAPSED
⬇
TRACK REMAIN

VCD **CD**

TRACK ELAPSED
⬇
TRACK REMAIN
⬇
TOTAL ELAPSED
⬇
TOTAL REMAIN

MP3

TRACK REMAIN
⬇
TRACK ELAPSED

OPERATION

32
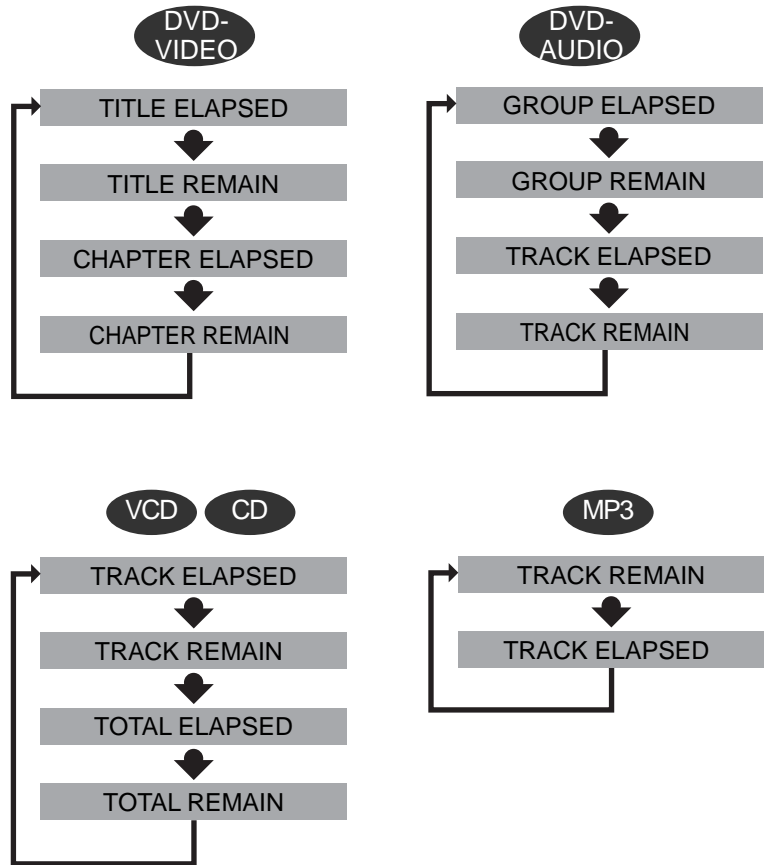
Fast/Slow Playback

Fast Playback DVD VCD CD MP3

Press and hold ⏮ ⏭.

- Each time the button is held down during playback, the playback speed changes as follows:

⏮		⏭	
◀◀ 2 X		▶▶ 2 X	
◀◀ 4 X		▶▶ 4 X	
◀◀ 8 X		▶▶ 8 X	
◀◀ 32 X		▶▶ 32 X	
► PLAY		► PLAY	
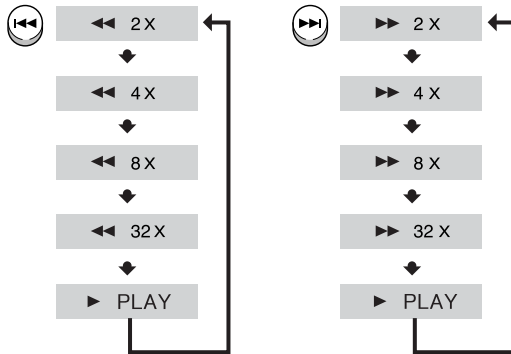
Slow Playback

Press **SLOW** button.
- Each time the button is pressed during playback, the playback speed changes as follows:

DVD	VCD
I▶ 1/2	I▶ 1/2
I▶ 1/4	I▶ 1/4
I▶ 1/8	I▶ 1/6
◀I 1/2	► PLAY
◀I 1/4	
◀I 1/8	
► PLAY	
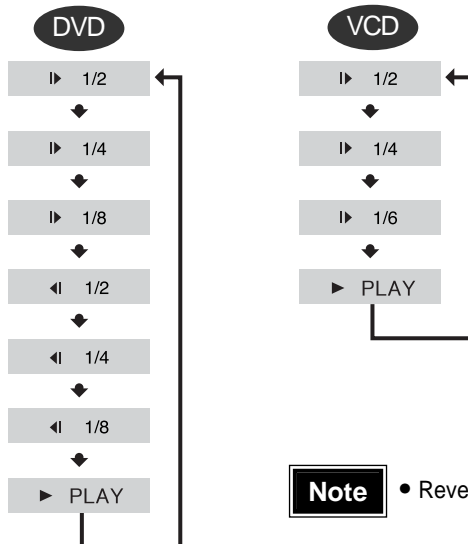
Note • Reverse slow playback does not work with VCDs.

33
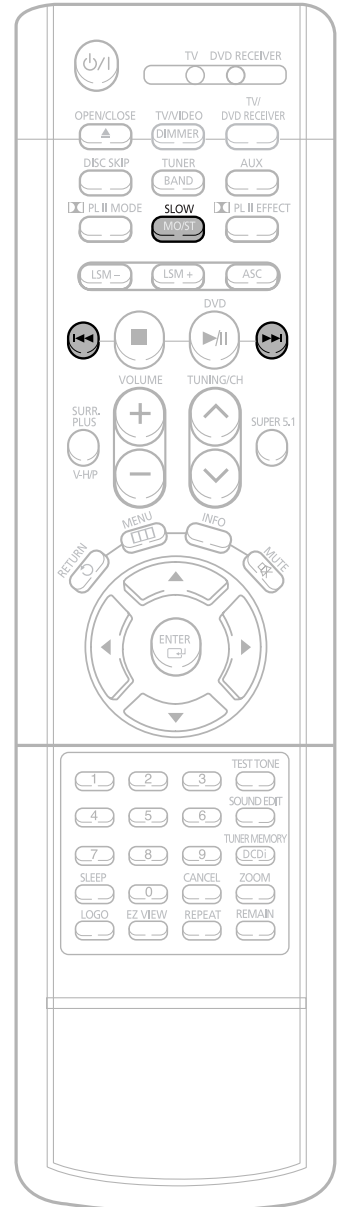
Skipping Scenes/Songs

DVD VCD MP3

Briefly press I◄◄ ►►I.

- Each time the button is pressed briefly during playback, the previous or next chapter, track, or directory (file) will be played.
- You cannot skip chapters consecutively.

DVD

TITLE 01/05 CHAPTER 002/040

▲

▼

TITLE 01/05 CHAPTER 004/040

VCD

▲

▼

- When watching a VCD with a track longer than 15 minutes, each time I◄◄ ►►I is pressed, playback will skip back or forward 5 minutes.

MP3

►►I NEXT

DVD RECEIVER · SMART NAVI
ROOT
Something like you
Back for good
Love of my life
More than words
I need you
My love
Uptown girl
MOVE SELECT STOP

▲

DVD RECEIVER · SMART NAVI
ROOT
Something like you
Back for good
Love of my life
More than words
I need you
My love
Uptown girl
MOVE SELECT STOP

▼

I◄◄ PREVIOUS

DVD RECEIVER · SMART NAVI
ROOT
Something like you
Back for good
Love of my life
More than words
I need you
My love
Uptown girl
MOVE SELECT STOP

OPERATION

Note
- During fast playback of a CD or MP3-CD, sound is heard only at 2x speed, and not at 4x, 8x, and 32x speeds.
- No sound is heard during slow playback and step motion playback.

34

Repeat Playback

Repeat playback allows you to repeatedly play a chapter, title, track (song), or directory (MP3 file).

DVD **VCD** **CD** **MP3** **JPEG**

Press **REPEAT** button.

● Each time the button is pressed during playback, the repeat playback
  mode changes as follows:

DVD-VIDEO

REPEAT : CHAPTER
↓
REPEAT : TITLE
↓
REPEAT : OFF

DVD-AUDIO

REPEAT : TRACK
↓
REPEAT : GROUP
↓
REPEAT : OFF

MP3 **JPEG**

REPEAT : RANDOM
↓
REPEAT : TRACK
↓
REPEAT : DIR
↓
REPEAT : DISC
↓
REPEAT : OFF

VCD **CD**

REPEAT : TRACK
↓
REPEAT : DISC
↓
REPEAT : OFF

35
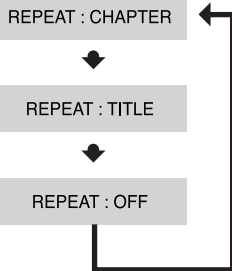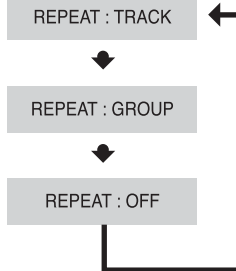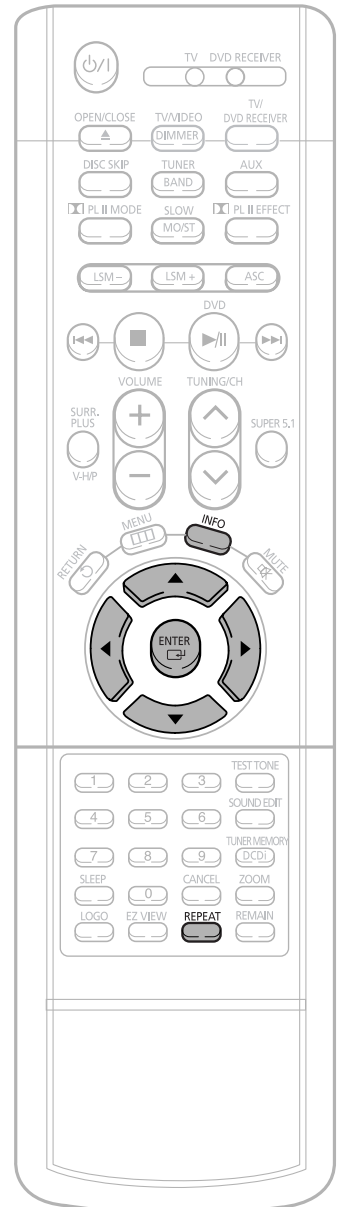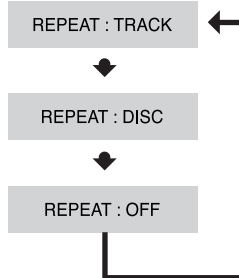
To Select a Repeat Playback Mode in the Disc Information Screen

1 Press **INFO** button twice.

2 Press Cursor ▶ button to move to REPEAT PLAYBACK(⟳) display.

3 Press Cursor ▼ button to select the desired Repeat Playback mode.

4 Press **ENTER** button.

* For MP3 and JPEG discs, you cannot select Repeat Play from the information display screen.

DVD   DVD 🔲 EN 1/3 🔲🔲🔲🔲 🔲 OFF/ 02 ⟳ OFF
                                                    ⟳ A –
                                                    ⟳ CHAP
                                                    ⟳ TITL

VCD
CD   VCD ⊚ 02/02 🎧 LR   ⟳ OFF ← 🕐 0:02:38
                                                    ⟳ A –
                                                    ⟳ TRACK
                                                    ⟳ DISC

OPERATION
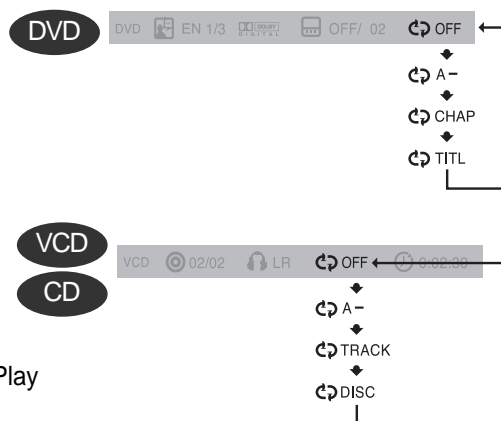
Repeat Playback Options

- **CHAPTER :** Repeatedly plays the selected chapter.

- **TITLE** : Repeatedly plays the selected title.

- **GROUP** : Repeatedly plays the selected group.

- **RANDOM** : Plays tracks in random order.
               (A track that has already been played may be played again.)

- **TRACK** : Repeatedly plays the selected track.

- **DIR** : Repeatedly plays all tracks in the selected folder.

- **DISC** : Repeatedly plays the entire disc.

- **OFF** : Cancels Repeat Playback.

Note • Repeat playback operation is not possible with version 2.0 VCD discs if PBC is turned on. To use Repeat Playback on a VCD with PBC, you should set the PBC to OFF in the disc menu. (See page 43.)

36

A-B Repeat Playback

You can repetitively play back a designated section of a DVD.

1 Press **INFO** button twice.

• For a VCD or CD, press **INFO** button once.

DVD 🔲 EN 1/3 🔲 DOLBY DIGITAL 🔳 OFF/ 02 ↻ OFF

2 Press Cursor ▶ button to move to REPEAT PLAYBACK (↻) display.

DVD 🔲 EN 1/3 🔲 DOLBY DIGITAL 🔳 OFF/ 02 ↻ OFF

3 Press Cursor ▲ , ▼ buttons to select 'A-' and then press **ENTER** button at the beginning of the segment.

• When **ENTER** button is pressed, the selected position will be stored in memory.

DVD 🔲 EN 1/3 🔲 DOLBY DIGITAL 🔳 OFF/ 02 ↻ A -

⬇

DVD 🔲 EN 1/3 🔲 DOLBY DIGITAL 🔳 OFF/ 02 ↻ A -?

REPEAT : A—

4 Press **ENTER** button at the end of the segment.

• The specified segment will be played repeatedly.

DVD 🔲 EN 1/3 🔲 DOLBY DIGITAL 🔳 OFF/ 02 ↻ A - B

REPEAT : A—B

To return to normal playback, press Cursor ▲ , ▼ buttons to select ↻ OFF.

Note

• The A-B Repeat function will not work on an MP3 or JPEG disc.

37
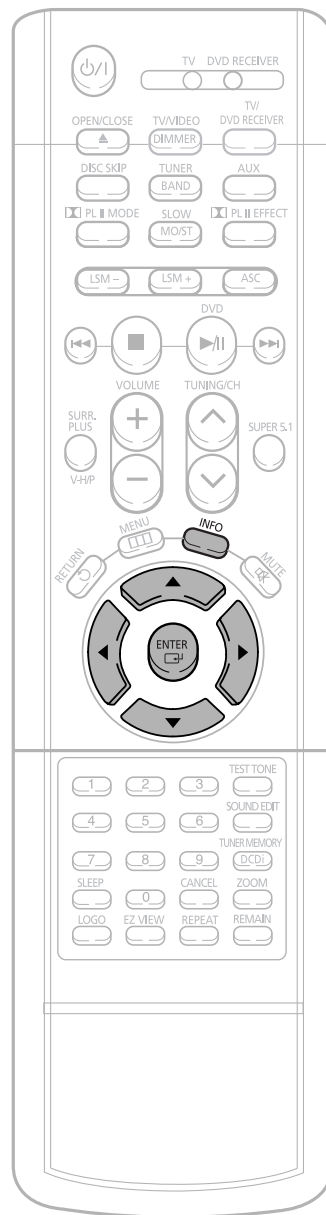
Angle Function

This function allows you to view the same scene in different angles.

DVD

1 Press **INFO** button.

DVD 01/01 001/040 0:00:37 1/3

2 Press Cursor ▶ button to move to ANGLE ( ) display.

DVD 01/01 001/040 0:00:37 1/3

3 Press Cursor ▲ ,▼ or numeric buttons to select the desired angle.

• Each time the button is pressed, the angle changes as follows:

DVD 01/01 001/040 0:00:37 1/3
 2/3
 3/3
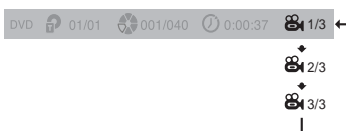
Note • The Angle function works only with discs on which multiple angles have been recorded.

38

Zoom Function

This function allows you to enlarge a particular area of the displayed image.

Zoom (Screen Enlarge) Function   DVD VCD

1 Press **ZOOM** button.
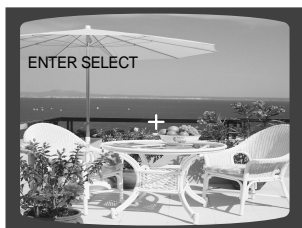
2 Press Cursor▲ , ▼, ◄ , ► buttons to move to the area you want to enlarge.

3 Press **ENTER** button.

• Each time the button is pressed, the zoom level changes as follows:

ZOOM X 1.5

ZOOM X 2

ZOOM X 3

ZOOM OFF

ENTER SELECT
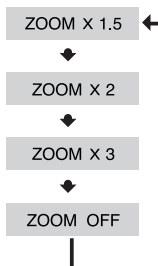
Aspect Ratio   DVD

Press **EZ VIEW** button.

• Each time the button is pressed, the zoom function will switch between On and Off.
• When a movie is played in Widescreen format, black bars at the top and bottom of the TV screen can be removed by pressing the **EZ VIEW** button.

EZ VIEW

EZ VIEW OFF

Note

• This function will not work if the DVD is recorded with the multi-camera angle format.
• Black bars may not disappear because some DVD discs have a built-in horizontal to vertical ratio.

39

Bonus Group Function

Bonus Group `DVD-AUDIO`

Some DVD-Audio discs have an extra 'bonus' group that requires a 4-digit key number to access. See the disc packaging for details and the-key number.

When you play a DVD-Audio disc that has a bonus group, the key number input screen appears automatically.

BONUS GROUP
KEY NUMBER : ⎵ ⎵ ⎵ ⎵
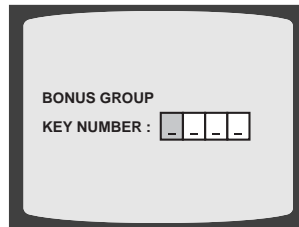
- If you eject the disc, switch the power off, or unplug the player, you will need to re-enter the key number.

Navigating Pages `DVD-AUDIO`

During playback, press the ⌃⌄ button on the remote control.

- You can select the desired image from a DVD-Audio disc containing still images.
- With some discs, you may not be able to select images depending on how the disc was manufactured.

OPERATION

40

Selecting Audio/Subtitle Language

▶▶ Audio Language Selection Function `DVD`

1 Press **INFO** button twice.

DVD [▣] EN 1/3 [◻◻ DOLBY DIGITAL] [▥] OFF/ 02 [◯] OFF

2 Press Cursor ▲ , ▼ buttons or numeric buttons to select the desired audio language.

- Depending on the number of languages on a DVD disc, a different audio language (ENGLISH, SPANISH, FRENCH, etc.) is selected each time the button is pressed.

DVD [▣] EN 1/3 ← [◻◻ DOLBY] [▥] OFF/ 02 [◯] OFF

[▣] SP 2/3

[▣] FR 3/3

▶▶ Subtitle Language Selection Function `DVD`

1 Press **INFO** button twice.

DVD [▣] EN 1/3 [◻◻ DOLBY DIGITAL] [▥] OFF/ 02 [◯] OFF

2 Press Cursor ▶ button to move to SUBTITLE (▥) display.

DVD [▣] EN 1/3 [◻◻ DOLBY DIGITAL] [▥] OFF/ 02 [◯] OFF

3 Press Cursor ▼ button or numeric buttons to select the desired subtitle.

DVD [▣] EN 1/3 [◻◻ DOLBY] [▥] EN 01/ 03 ← [◯] OFF

[▥] SP 02/ 03

[▥] FR 03/ 03

[▥] OFF / 03
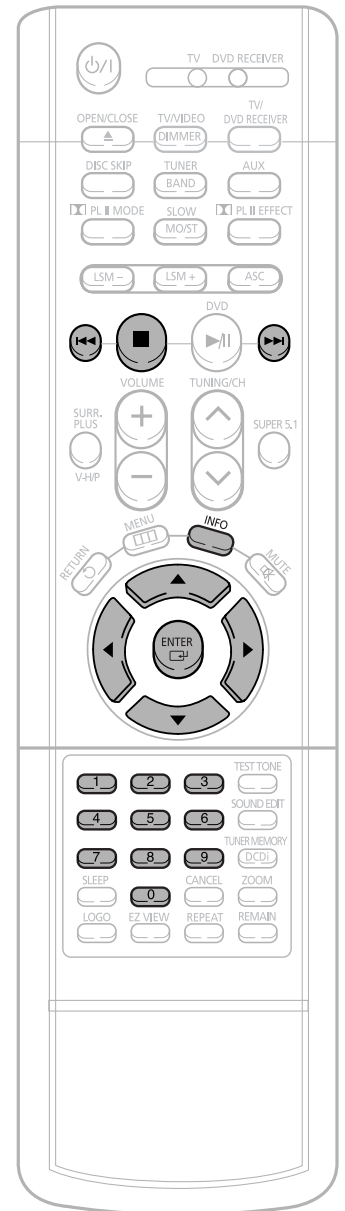
Note

- Depending on the disc, the Subtitle and Audio Language functions may not work.

41

Moving Directly to a Scene/Song

DVD	VCD	CD

1 Press **INFO** button.

DVD 🔒 01/05 💠 001/040 ⏱ 0:00:37 🎞 1/1

Moving to a Title/Track

2 Press Cursor ▲, ▼ buttons or numeric buttons to select the desired title/track and then press **ENTER** button.

DVD 🔒 03/05 💠 001/002 ⏱ 0:00:01 🎞 1/1

Moving to a Chapter

3 Press Cursor ◄, ► buttons to move to Chapter (💠) display.

DVD 🔒 01/05 💠 001/040 ⏱ 0:00:01 🎞 1/1

Moving to a Chapter

4 Press Cursor ▲, ▼ buttons or numeric buttons to select the desired chapter and then press **ENTER** button.

DVD 🔒 01/05 💠 025/040 ⏱ 0:00:01 🎞 1/1

Moving to a Specific Time

5 Press Cursor ◄, ► buttons to move to time display.

DVD 🔒 01/05 💠 025/040 ⏱ 1:17:30 🎞 1/1

Moving to a Specific Time

6 Press the numeric buttons to select the desired time and then press **ENTER** button.

DVD 🔒 01/05 💠 028/040 ⏱ 1:30:00 🎞 1/1

MP3	JPEG

Press the **numeric** buttons.

- The selected file will be played.
- An MP3 or JPEG disc cannot be moved from the disc information screen.
- When playing an MP3 or JPEG disc, you cannot use ▲, ▼ to move a folder. To move a folder, press ■ (Stop) and then press ▲, ▼ .

SELECT : 03

DVD RECEIVER   ● SMART NAVI

ROOT
mp3 Something like you
mp3 Back for good
mp3 Love of my life
mp3 More than words
mp3 I need you
mp3 My love
mp3 Uptown girl

MOVE   SELECT   STOP
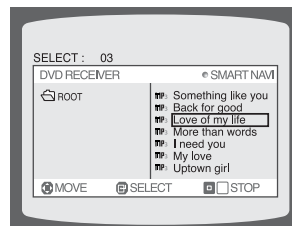
Note

- You can press ◄◄ ►► on the remote control to move directly to the desired title, chapter, or track.
- Depending on the disc, you may not be able to move to the selected title or time.

42

Using Disc Menu

You can use the menus for the audio language, subtitle language, profile, etc.
DVD menu contents differ from disc to disc.

DVD

1 In Stop mode, press **MENU** button.

- When playing a VCD (version 2.), this toggles between PBC ON and OFF.

DVD RECEIVER	DISC MENU
Disc Menu	
Title Menu	Press Enter key for Disc Menu
Audio	
Setup	
MOVE SELECT	EXIT

2 Press Cursor ▲,▼ buttons to move to 'DISC MENU' and then press **ENTER** button.

- When you select the disc menu that is not supported by the disc, the "**This menu is not supported**" message appears on the screen.

DVD RECEIVER	DISC MENU
Disc Menu	
Title Menu	Press Enter key for Disc Menu
Audio	
Setup	
MOVE SELECT	EXIT

3 Press Cursor ▲,▼, ◄,► buttons to select the desired item.

PLAY SUBTITLES CAST & CREW SCENE SELECTIONS

4 Press **ENTER** button.

PLAY SUBTITLES CAST & CREW SCENE SELECTIONS
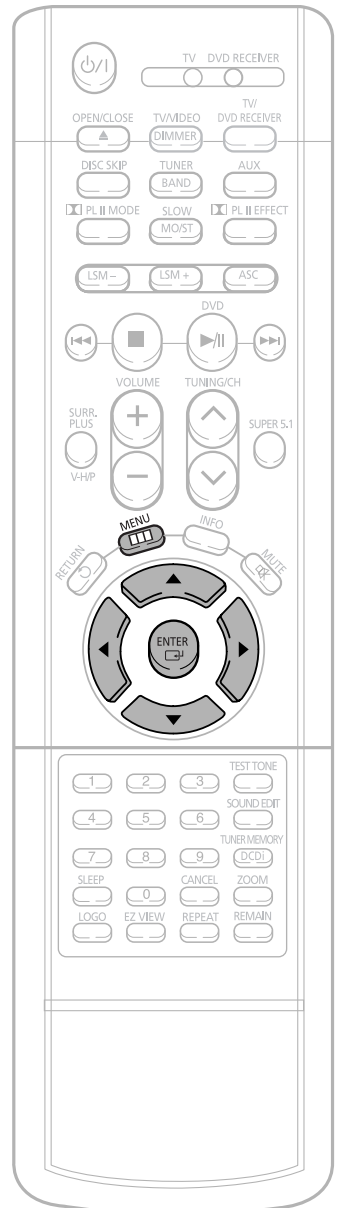
Note **PBC (Playback Control) Function**

Press the MENU button while VCD 2.0 version disk is played.
Each time you press the button, "**PBC ON**" and "**PBC OFF**" will be repetitively selected in the display.

- **PBC ON:** This VCD disc is version 2.0. The disc is played back according to the menu screen.
  Some functions may be disabled. When some functions are disabled, select "PBC OFF" to enable them.
- **PBC OFF:** This VCD disc is version 1.1. The disc is played back in the same way as with a music CD.

43
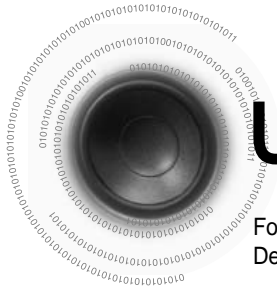
Using the Title Menu

For DVDs containing multiple titles, you can view the title of each movie.
Depending on the disc, the availability of this feature may vary.

DVD

1 In Stop mode, press **MENU** button.

2 Press Cursor ▲,▼ button to move to 'Title Menu'.

3 Press **ENTER** button.

● The title menu appears.

OPERATION

Press **MENU** button to exit the setup screen.

44

Setting the Language

OSD (On-Screen Display) language is set to English by default.
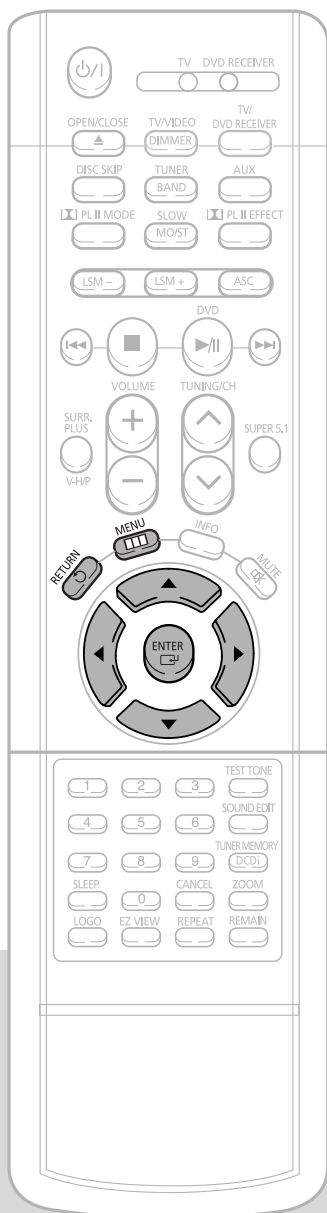
1 In Stop mode, press **MENU** button.

DVD RECEIVER　　　　　　　　　　DISC MENU

Disc Menu

Title Menu
　　　Press Enter key
　　　for Disc Menu
Audio

Setup

⊗MOVE　☑SELECT　　　　　🔲EXIT

2 Press Cursor ▼ button to move to '**Setup**' and then press **ENTER** button.

DVD RECEIVER　　　　　　　　　　SETUP

Disc Menu　　◆ LANGUAGE　　　　　　　　　▸
　　　　　　　◆ TV ISPLAY　　: WIDE　　▸
Title Menu　 ◆ PARENTAL　　 : OFF　　 ▸
　　　　　　　◆ PASSWORD　　 : CHANGE　 ▸
Audio　　　　◆ LOGO　　　　 : ORIGINAL ▸
　　　　　　　◆ DVD TYPE　　 : DVD AUDIO ▸
Setup

⊗MOVE　☑SELECT　　　　　🔲EXIT

Note

• To select other language, select OTHER and enter the language code of your country. (See 84 page for language code of countries)
AUDIO, SUB TITLE and DISC MENU language can be selected.

DVD RECEIVER　　　　　　　　　　LANGUAGE

Disc Menu　◆ SUBTITLE　　ENGLISH
　　　　　　　　　　　　　　KOREAN
Title Menu　　　　　　　　FRENCH
　　　　　　　　　　　　　　GERMAN
Audio

Setup　　　　　　　　　　OTHER

⊗MOVE　☑SELECT　⊙RETURN　🔲EXIT

45
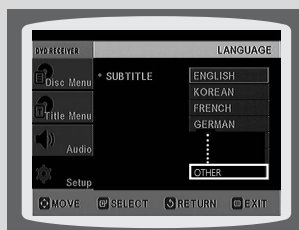
3 Select '**Language**' and then press **ENTER** button

4 Press Cursor ▲ , ▼ button to select '**OSD Language**' and then press **ENTER** button.

5 Press Cursor ▲ , ▼ button to select the desired language and then press **ENTER** button.

• Once the setup is complete, if the language was set to English, OSD will be displayed in English.

DVD RECEIVER		SETUP
Disc Menu	◆ LANGUAGE	›
	◆ TV DISPLAY	: WIDE ›
Title Menu	◆ PARENTAL	: OFF ›
	◆ PASSWORD	: CHANGE ›
Audio	◆ LOGO	: ORIGINAL ›
Setup	◆ DVD TYPE	: DVD AUDIO ›
⊠MOVE ☑SELECT ⊙RETURN ▣EXIT		

DVD RECEIVER		LANGUAGE
Disc Menu	◆ OSD LANGUAGE	: ENGLISH ›
	◆ AUDIO	: ENGLISH ›
Title Menu	◆ SUBTITLE	: KOREAN ›
	◆ DISC MENU	: KOREAN ›
Audio		
Setup		
⊠MOVE ☑SELECT ⊙RETURN ▣EXIT		

DVD RECEIVER		LANGUAGE
Disc Menu	◆ OSD LANGUAGE	ENGLISH
		KOREAN
Title Menu		FRENCH
		GERMAN
Audio		ITALIAN
		PORTUGUESE
Setup		SPANISH
⊠MOVE ☑SELECT ⊙RETURN ▣EXIT		

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

SETUP

DVD RECEIVER	LANGUAGE
Disc Menu	OSD LANGUAGE : ENGLISH ›
	◆ AUDIO : ENGLISH ›
Title Menu	◆ SUBTITLE : KOREAN ›
	◆ DISC MENU : KOREAN ›
Audio	
Setup	
⊠MOVE ☑SELECT ⊙RETURN ▣EXIT	

Selecting the
OSD Language

DVD RECEIVER	LANGUAGE
Disc Menu	◆ OSD LANGUAGE : ENGLISH ›
	AUDIO : ENGLISH ›
Title Menu	◆ SUBTITLE : KOREAN ›
	◆ DISC MENU : KOREAN ›
Audio	
Setup	
⊠MOVE ☑SELECT ⊙RETURN ▣EXIT	

Selecting the
Audio Language
(recorded on the disc)

DVD RECEIVER	LANGUAGE
Disc Menu	◆ OSD LANGUAGE : ENGLISH ›
	◆ AUDIO : ENGLISH ›
Title Menu	SUBTITLE : KOREAN ›
	◆ DISC MENU : KOREAN ›
Audio	
Setup	
⊠MOVE ☑SELECT ⊙RETURN ▣EXIT	

Selecting the
Subtitle Language
(recorded on the disc)

DVD RECEIVER	LANGUAGE
Disc Menu	◆ OSD LANGUAGE : ENGLISH ›
	◆ AUDIO : ENGLISH ›
Title Menu	◆ SUBTITLE : KOREAN ›
	DISC MENU : KOREAN ›
Audio	
Setup	
⊠MOVE ☑SELECT ⊙RETURN ▣EXIT	

**Selecting the Disc Menu
Language (recorded on the disc)**

* If the language you selected is not recorded on the disc, menu language will not change even if you set it to your desired language.

46

Setting TV Screen type

Depending on your TV type (Wide Screen TV or conventional 4:3 TV), you can select the TV's aspect ratio.
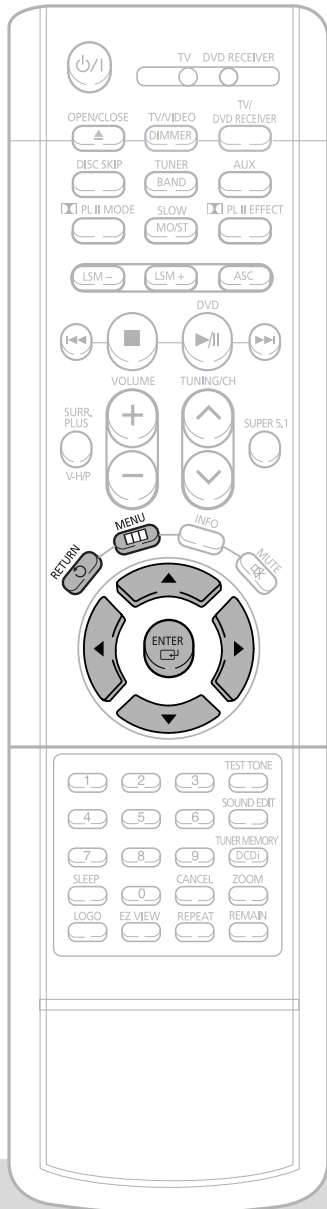
1 In Stop mode, press **MENU** button.

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

3 Press Cursor ▼ button to move to 'TV DISPLAY' and then press **ENTER** button.

4 Press Cursor ▲,▼ button to select the desired item and then press **ENTER** button.

● Once the setup is complete, you will be taken to the previous screen.

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

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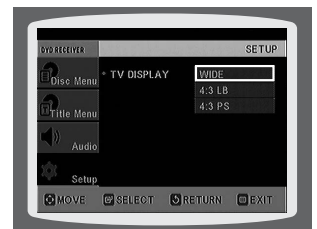
Adjusting the TV Aspect Ratio (Screen Size)

The horizontal to vertical screen size ratio of conventional TVs is 4:3, while that of wide screen and high definition TVs is 16:9. This ratio is called the aspect ratio. When playing DVDs recorded in different screen sizes, you should adjust the aspect ratio to fit your TV or monitor.

✷ For a standard TV, select either "4:3LB" or "4:3PS" option according to personal preference. Select "16:9" if you have a wide screen TV.

WIDE
: Select this to view a 16:9 picture in the full-screen mode on your wide screen TV.
• You can enjoy the wide screen aspect.

4:3LB
(4:3 Letterbox)
: Select this to play a 16:9 picture in the letter box mode on a conventional TV.
• Black bars will appear at the top and bottom of the screen.

4:3PS
(4:3 Pan&Scan)
: Select this to play a 16:9 picture in the pan & scan mode on a conventional TV.
• You can see the central portion of the screen only (with the sides of the 16:9 picture cut off).

SETUP

Note
• If a DVD is in the 4:3 ratio, you cannot view it in wide screen.
• Since DVD discs are recorded in various image formats, they will look different depending on the software, the type of TV, and the TV aspect ratio setting.

48

Setting Parental Controls (Rating Level)

Use this to restrict playback of adult or violent DVDs you do not want children to view.
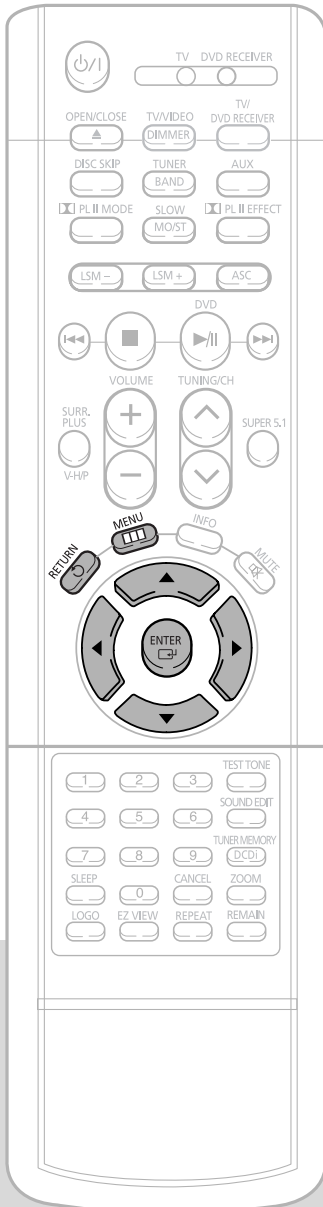
1 In Stop mode, press **MENU** button.

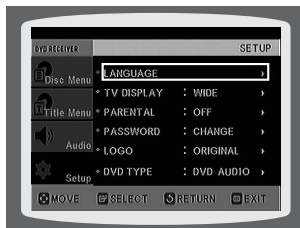**2** Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

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3 Press Cursor ▼ button to move to 'PARENTAL' and then press **ENTER** button.
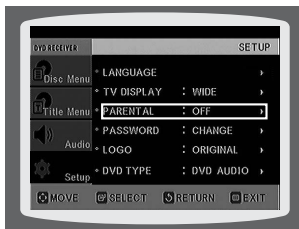
4 Press Cursor ▲,▼ button to select the desired rating level and then press **ENTER** button.

- If you have selected Level 6, you cannot view DVDs with Level 7 or higher.
- The higher the level, the closer the content is to violent or adult material.

5 Enter the password and then press **ENTER** button.

- The password is set to "7890" by default.
- Once the setup is complete, you will be taken to the previous screen.

DVD RECEIVER		SETUP
Disc Menu	• LANGUAGE	▶
	• TV DISPLAY	: WIDE ▶
Title Menu	• PARENTAL	: OFF ▶
	• PASSWORD	: CHANGE ▶
Audio	• LOGO	: ORIGINAL ▶
Setup	• DVD TYPE	: DVD AUDIO ▶
MOVE	SELECT RETURN EXIT	

DVD RECEIVER		SETUP
		▲
Disc Menu	• PARENTAL	LEVEL 2
		LEVEL 3
Title Menu		LEVEL 4
		LEVEL 5
Audio		LEVEL 6
		LEVEL 7
Setup		LEVEL 8
		▼
MOVE	SELECT RETURN EXIT	

DVD RECEIVER		PARENTAL
Disc Menu		
	INPUT PASSWORD	
Title Menu		
Audio		
Setup		
INPUT NUMBER	RETURN EXIT	

Note • This function works only if a DVD disc contains the rating level information.

SETUP

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

50

Setting the Password

You can set the password for the Parental (rating level) setting.
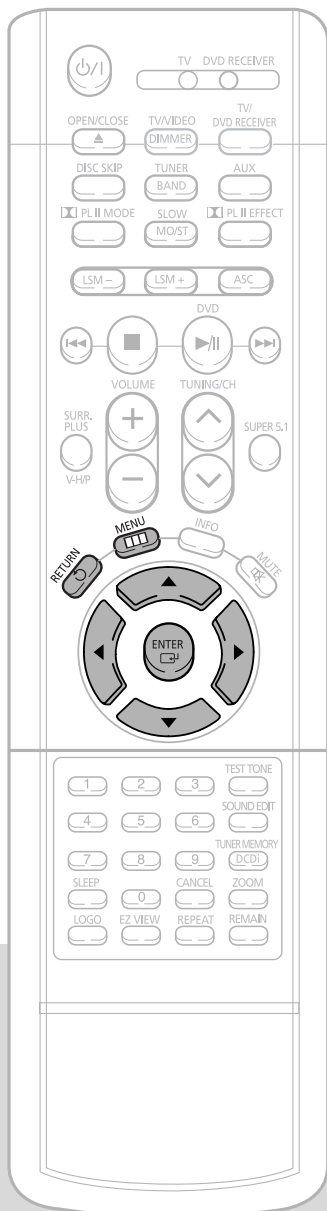
1 Press **MENU** button.

DVD RECEIVER ······················ DISC MENU

Disc Menu

Title Menu

Press Enter key
for Disc Menu

Audio

Setup

⊗MOVE ⊡SELECT ⊞EXIT

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

DVD RECEIVER ····························· SETUP

Disc Menu | LANGUAGE | |
Title Menu | TV ISPLAY | : WIDE |
 | PARENTAL | : OFF |
Audio | PASSWORD | : CHANGE |
 | LOGO | : ORIGINAL |
Setup | DVD TYPE | : DVD AUDIO |

⊗MOVE ⊡SELECT ⊞EXIT

Note ● The password is set to "7890" by default.

If you have forgotten the rating level password, do the following:

● While the player is in the stop mode, hold the main unit's ⬛⭕ button for longer than 5 seconds. "INITIALIZE" appears on the display and all settings will return to the default values.

● Press the POWER button.

Using the RESET function will erase all stored settings.
Do not use this unless necessary.

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3 Press Cursor ▼ button to move to 'PASSWORD' and then press **ENTER** button.

4 Press **ENTER** button.
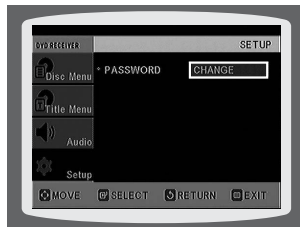
5 Enter the password and then press **ENTER** button.

- Enter the old password, a new password, and confirm new password.
- The setting is complete.

DVD RECEIVER		SETUP
Disc Menu	◦ LANGUAGE	▸
	◦ TV DISPLAY	: WIDE ▸
Title Menu	◦ PARENTAL	: OFF ▸
	◦ PASSWORD	: CHANGE ▸
Audio	◦ LOGO	: ORIGINAL ▸
	◦ DVD TYPE	: DVD AUDIO ▸
Setup		
⊙MOVE ☑SELECT ↺RETURN ▣EXIT		

DVD RECEIVER		SETUP
Disc Menu	◦ PASSWORD	CHANGE
Title Menu		
Audio		
Setup		
⊙MOVE ☑SELECT ↺RETURN ▣EXIT		

DVD RECEIVER	PASSWORD
Disc Menu	
Title Menu	OLD PASSWORD:
	NEW PASSWORD:
Audio	CONFIRM PWD:
Setup	
INPUT NUMBER ↺RETURN ▣EXIT	

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

52

Setting the Wallpaper JPEG VCD DVD

While watching a DVD, VCD or JPEG CD, you can set the image you like as background wallpaper.

▶▶ Setting the Wallpaper

1 During playback, press **PLAY/PAUSE** button when an image you like appears.

‖ PAUSE
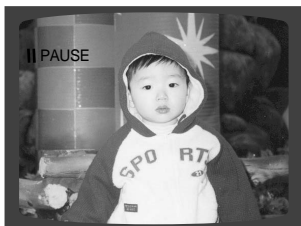
2 Press **LOGO** button.

• "**COPY LOGO DATA**" will be displayed on the TV screen.

COPY LOGO DATA
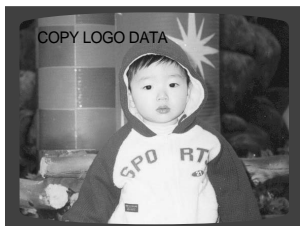
3 The power will turn off and then back on.

• The selected wallpaper will be displayed.
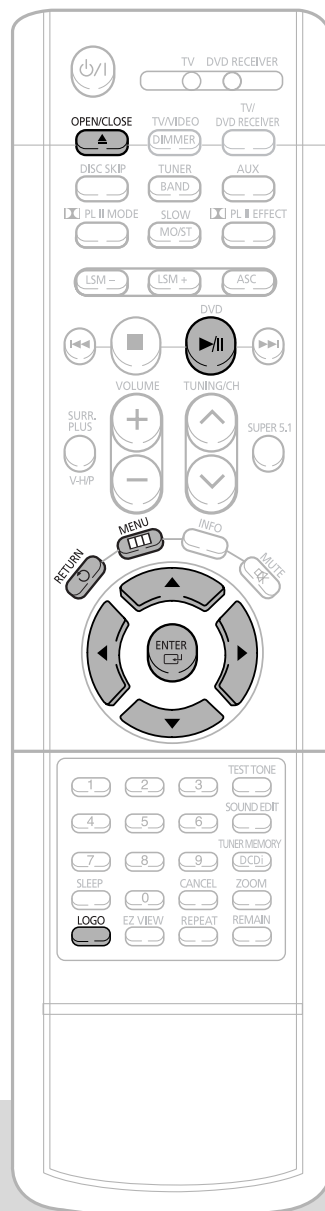
Select this to set the Samsung Logo image as your wallpaper.

Select this to set the desired image as your wallpaper.

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To Change the Wallpaper

1 In Stop mode, press **MENU** button.

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

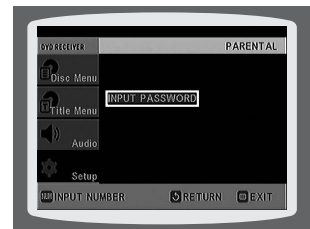**3** Press Cursor ▼ button to move to 'LOGO' and then press **ENTER** button.

4 Press ▼ to select the desired 'USER', and then press **ENTER**.

5 Press **MENU** button to exit the setup screen.

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

54

DVD Playback Mode

Some DVD-Audio discs contain DVD-Video as well as DVD-Audio.
To play back the DVD-Video portion of the DVD-Audio disc, set the unit to DVD-Video mode.
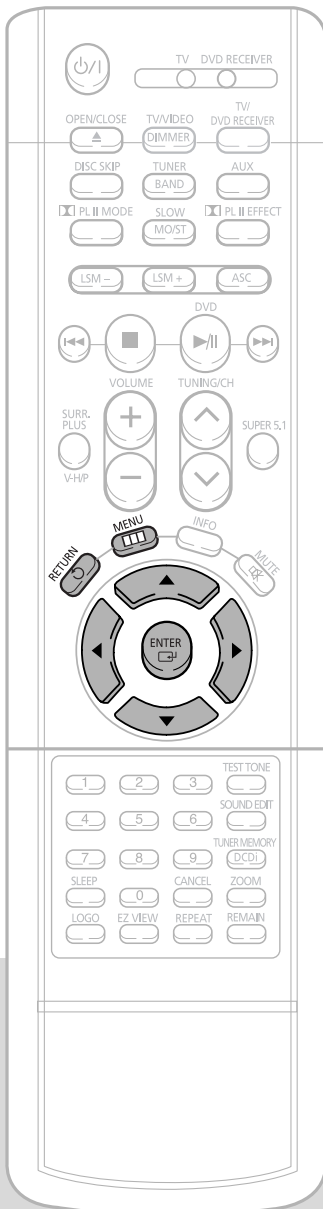
1 Press the **MENU** button while the disc tray is open.

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

DVD RECEIVER		DISC MENU
Disc Menu		
Title Menu	Press Enter key for Disc Menu	
Audio		
Setup		
MOVE	SELECT	EXIT

DVD RECEIVER		SETUP
Disc Menu	• LANGUAGE	▸
Title Menu	• TV ISPLAY	: WIDE ▸
	• PARENTAL	: OFF ▸
Audio	• PASSWORD	: CHANGE ▸
	• LOGO	: ORIGINAL ▸
Setup	• DVD TYPE	: DVD AUDIO ▸
MOVE	SELECT	EXIT

Note

• DVD Play mode is set to DVD Audio as factory default setting.

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3 Press Cursor ▼ button to move to 'DVD TYPE' and then press **ENTER** button.

4 Press Cursor ▲,▼ button to move to 'DVD VIDEO' and then press **ENTER** button.

● Set steps 1 ~ 4 again if you want to switch to DVD AUDIO Play mode.

When Selecting DVD Play Mode:
● **DVD VIDEO** : set to play the DVD video contents contained in DVD audio disc.
● **DVD AUDIO** : set to play the default DVD audio.

SETUP

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

56

Setting the Speaker Mode

Signal outputs and frequency responses from the speakers will automatically be adjusted according to your speaker configuration and whether certain speakers are used or not.

1 In Stop mode, press **MENU** button.

DVD RECEIVER	DISC MENU
Disc Menu	
Title Menu	Press Enter key for Disc Menu
Audio	
Setup	
⊗MOVE ☞SELECT	▥EXIT

2 Press Cursor ▼ button to move to 'Audio' and then press **ENTER** button.

DVD RECEIVER	AUDIO
Disc Menu	• SPEAKER SETUP ▸
Title Menu	• DELAY TIME ▸
	• TEST TONE ▸
	• SOUND EDIT ▸
Audio	• DRC : 2 ▸
Setup	• AV-SYNC : 0 mSec
⊗MOVE ☞SELECT	▥EXIT

3 In the Speaker Setup, press the **ENTER** button again.

DVD RECEIVER	AUDIO
Disc Menu	• SPEAKER SETUP ▸
Title Menu	• DELAY TIME ▸
	• TEST TONE ▸
	• SOUND EDIT ▸
Audio	• DRC : 2 ▸
Setup	• AV-SYNC : 0 mSec
⊗MOVE ☞SELECT ↻RETURN	▥EXIT

4 Press Cursor ▲, ▼, ◄, ► buttons to move to the desired speaker and then press **ENTER** button.

- For C, LS, and RS, each time the button is pressed, the mode switches alternately as follows: SMALL → NONE.
- For L and R, the mode is set to SMALL.

DVD RECEIVER	SPEAKER SETUP
SMALL SMALL Present SMALL	
SMALL USER SMALL	
⊗MOVE ☞CHANGE ↻RETURN ▥EXIT	

SMALL : Select this when using the speakers.
NONE : Select this when no speakers are installed.

Note

- Depending on PRO LOGIC and STEREO, the speaker mode may vary.

57

Setting the Test Tone

Use the Test Tone feature to check the speaker connections and to adjust the speaker levels.

1 In Stop mode, press **MENU** button.


```
DVD RECEIVER                    DISC MENU
Disc Menu
              Press Enter key
Title Menu     for Disc Menu
Audio
Setup
MOVE     SELECT              EXIT
```

2 Press Cursor ▼ button to move to 'Audio' and then press **ENTER** button.


```
DVD RECEIVER                        AUDIO
Disc Menu    • SPEAKER SETUP          ▶
             • DELAY TIME             ▶
Title Menu   • TEST TONE              ▶
             • SOUND EDIT             ▶
Audio        • DRC          : 2       ▶
Setup        • AV-SYNC      : 0 mSec
MOVE     SELECT                     EXIT
```

3 Press Cursor ▼ button to move to 'TEST TONE' and then press **ENTER** button.

● The test tone will be sent to L → C → R → RS → LS → SW in that order. If the ENTER button is pressed again at this time, the test tone will stop.

```
DVD RECEIVER                        AUDIO
Disc Menu    • SPEAKER SETUP          ▶
             • DELAY TIME             ▶
Title Menu   • TEST TONE              ▶
             • SOUND EDIT             ▶
Audio        • DRC          : 2       ▶
Setup        • AV-SYNC      : 0 mSec
MOVE    SELECT   RETURN    EXIT
```

```
DVD RECEIVER                    TEST TONE



                       SW

              USER

        STOP                  EXIT
```

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

SETUP

Alternate method: press the **TEST TONE** button on the remote.

| L: Front Speaker (L) | C: Center Speaker | SW: Subwoofer |
| R: Front Speaker (R) | LS: Rear Speaker (L) | RS: Rear Speaker (R) |

Press **TEST TONE** button.

● Test tone will be produced as follows: When playing a DVD or CD, this will work only in Stop mode.
● Use this function to check that each speaker is correctly connected and that there is no problem.

To end the test tone, press **TEST TONE** button again.

Multi-Channel Pro Logic Mode


```
         L  →  C  →  R
   SW
   Start
         LS  ←      RS
```

58
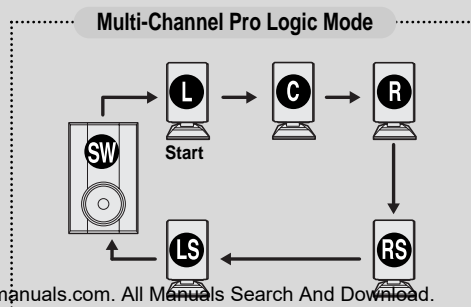
Setting the Delay Time

If the speakers cannot be placed at equal distances from the listening position, you can adjust the delay time of the audio signals from the center and rear speakers.
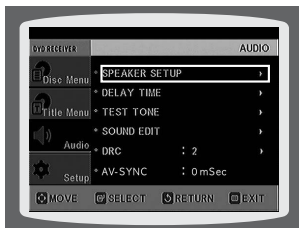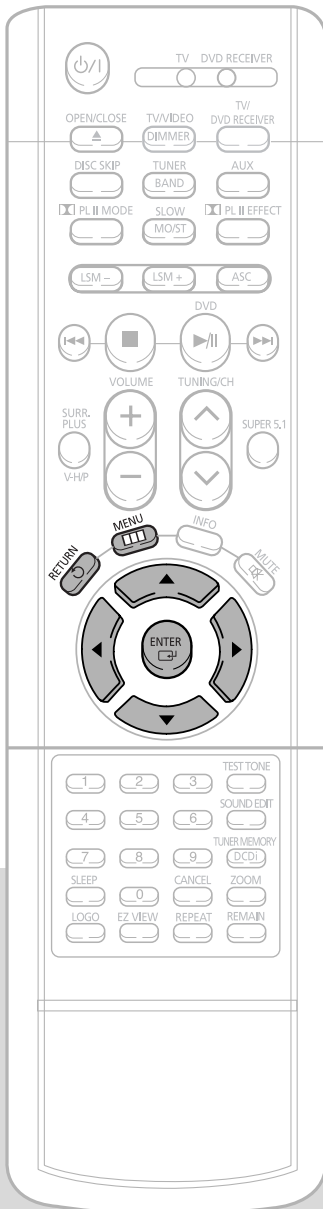
1 In Stop mode, press **MENU** button.

2 Press Cursor ▼ button to move to 'Audio' and then press **ENTER** button.

```
DVD RECEIVER                    DISC MENU

Disc Menu

Title Menu          Press Enter key
                    for Disc Menu
Audio

Setup

MOVE    SELECT              EXIT
```
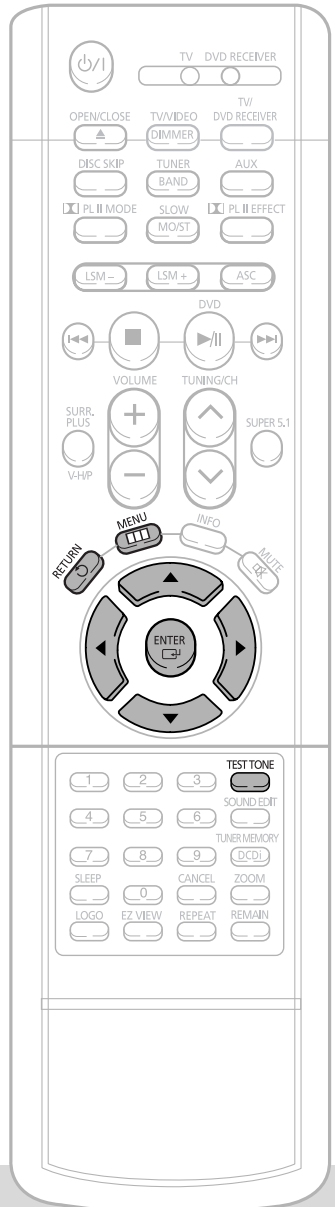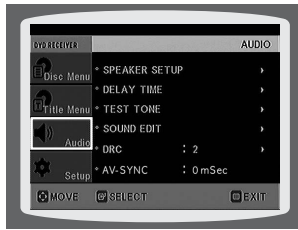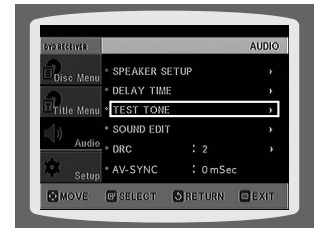
```
DVD RECEIVER                       AUDIO

Disc Menu       • SPEAKER SETUP          ▶
                • DELAY TIME             ▶
Title Menu      • TEST TONE              ▶
                • SOUND EDIT             ▶
Audio           • DRC        : 2         ▶
                • AV-SYNC    : 0 mSec
Setup

MOVE    SELECT              EXIT
```

Setting up the Speaker Delay Time

When 5.1CH Surround Sound is played, you can enjoy the best sound if the distance between you and each speaker is the same. Since the sounds arrive at the listening position at different times depending on the placement of speakers, you can adjust this difference by adding a delay effect to the sound of the Center Speaker and Surround Speakers.

Note

- With ꬉꬉPL (Dolby Pro Logic II), the delay time may be different for each mode.
- With AC-3 and DTS, the delay time can be set between 00 and 15mSEC.
- Delay time may differ depending on the installation environment, especially if installed in the RRSS configuration.

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3 Press Cursor ▼ button to move to 'DELAY TIME' and then press **ENTER** button.

4 Press Cursor ▲, ▼, ◄, ► buttons to move to the desired speaker and then press **ENTER** button.

5 Press Cursor ◄, ► to set the Delay time.

- You can set the delay time for C between 00 and 05mSEC and for LS and RS between 00 and 15mSEC.

Press **RETURN** button to return to the previous level.
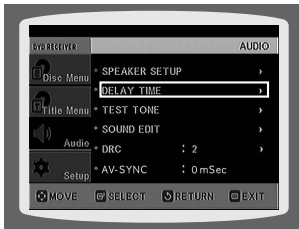
Press **MENU** button to exit the setup screen.
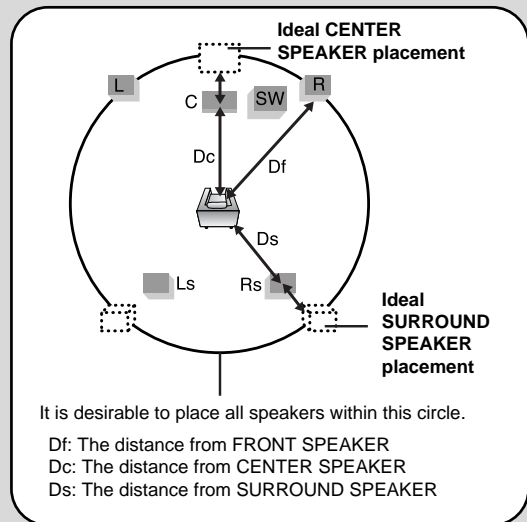
• **Setting CENTER SPEAKER**

If the distance of Dc is equal to or longer than the distance of Df in the figure, set the mode as 0ms. Otherwise, change the setting according to the table.

Distance between Df and Dc	Delay Time
0 inch	0 ms
13.6 inches	1 ms
27.2 inches	2 ms
40.8 inches	3 ms
4.5 feet	4 ms
5.6 feet	5 ms

• **Setting REAR (SURROUND) SPEAKERS**

If the distance of Df is equal to the distance of Ds in the figure, set the mode as 0ms. Otherwise, change the setting according to the table.

Distance between Df and Ds	Delay Time
0 inch	0 ms
40.8 inches	3 ms
6.7 feet	6 ms
10.0 feet	9 ms
13.4 feet	12 ms
16.7 feet	15 ms

Ideal CENTER SPEAKER placement

Ideal SURROUND SPEAKER placement

It is desirable to place all speakers within this circle.

Df: The distance from FRONT SPEAKER
Dc: The distance from CENTER SPEAKER
Ds: The distance from SURROUND SPEAKER

* Above figure is based on the SDSM speaker configuration.

60

Setting the Audio Quality

You can adjust the balance and level for each speaker.
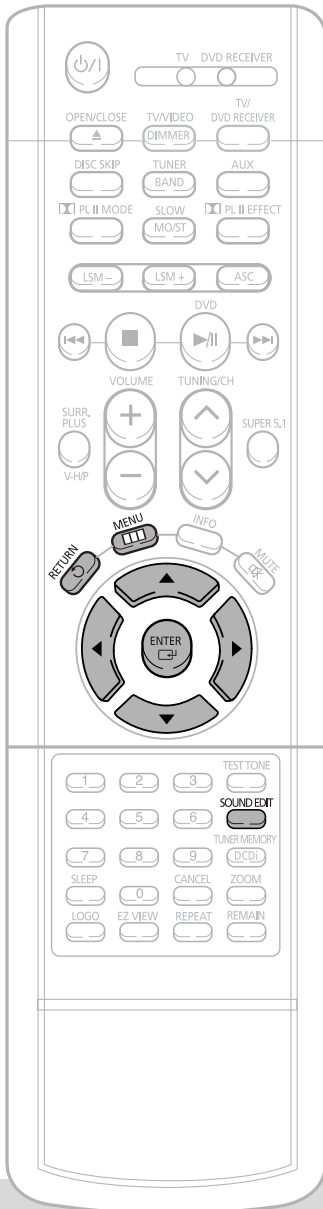
1 In Stop mode, press **MENU** button.

2 Press Cursor ▼ button to move to 'Audio' and then press **ENTER** button.
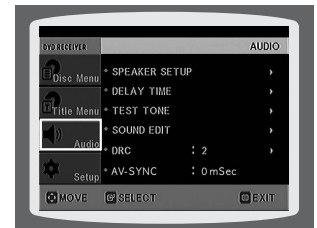
3 Press Cursor ▼ button to move to 'SOUND EDIT' and then press **ENTER** button.

4 Press Cursor ▲ , ▼ buttons to select and adjust the desired item. Press the ▲ , ▶ buttons to adjust the settings.

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

61

Method 2 **When manually adjusting with the SOUND EDIT button**

Adjusting Front Speaker Balance

1 Press **SOUND EDIT** button and then press Cursor ◀ , ▶ .

```
00 F -01
```

Adjusting Rear Speaker Balance

2 Press **SOUND EDIT** button and then press Cursor ◀ , ▶ .

```
00 R -01
```

Adjusting Center Speaker Level

3 Press **SOUND EDIT** button and then press Cursor ◀, ▶ .

```
CEN +01dB
```

Adjusting Rear Speaker Level

4 Press **SOUND EDIT** button and then press Cursor ◀ , ▶ .

```
REAR -01dB
```

Adjusting Subwoofer Speaker Level

5 Press **SOUND EDIT** button and then press Cursor ◀, ▶ .

```
SW +01dB
```

SETUP

Note

● **The adjustments will appear on the main unit's display, not on your TV screen.**

Adjusting Front/Rear Speaker Balance
● You can select between 00 and –06 and OFF.
● The volume decreases as you move closer to –6.

Adjusting Center/Rear/Subwoofer Speaker Level
● The volume level can be adjusted in steps from +6dB to –6dB.
● The sound gets louder as you move closer to +6dB and quieter as you get closer to -6dB.

62

Setting the DRC (Dynamic Range Compression)

You can use this function to enjoy Dolby Digital sound when watching movies at low volume at night.

1 In Stop mode, press **MENU** button.

2 Press Cursor ▼ button to move to 'Audio' and then press **ENTER** button.
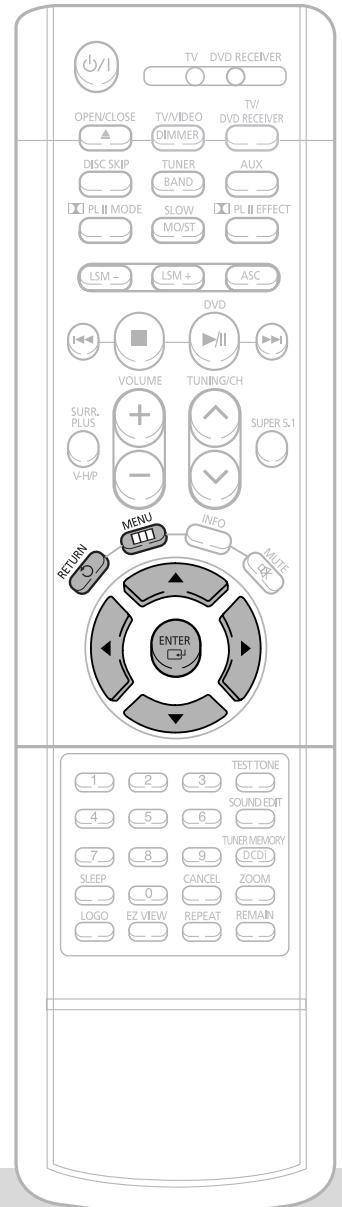
3 Press Cursor ▼ button to move to 'DRC' and then press **ENTER** button.
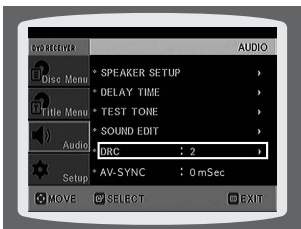
4 Press Cursor ▲ , ▼ to adjust the 'DRC'.

- The Cursor ▲ button is pressed, the greater the effect, and the Cursor ▼ button is pressed, the smaller the effect.

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

63

AV SYNC Setup

Video may look slower than the audio if the unit is connected to a digital TV.
If this occurs, adjust the audio delay time so it is in sync with the video.

1 Press the **MENU** button.

● Setup menu appears.

2 Press Cursor ▲, ▼ buttons to move to 'Audio' and then press **ENTER** button.

● 'Audio' menu appears.

3 Press Cursor ▲, ▼ buttons to move to 'AV-SYNC' and then press **ENTER** button.

● AV-SYNC screen appears.

4 Press Cursor ▲, ▼ buttons to select the AV-SYNC Delay Time and then press the **ENTER** button.

● You can set the audio delay time between 0 ms and 300 ms. Set it for the best A/V sync.

SETUP

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

64

Dolby Pro Logic II Mode

You can select the desired Dolby Pro Logic II audio mode.

Press ▣ **PL II MODE** button.

● Each time the button is pressed, the mode changes as follows.

```
         ┌──────────────────────────────┐
         │  MUSIC                        │
         │    ▼                          │
         │  CINEMA                       │
   ProLCGIC II  │    ▼                          │
         └─→ PRO LOGIC                   │
            │    ▼                       │
            │  MATRIX                    │
            │    ▼                       │
            │  STEREO ─────────────────┘
```

Note ● When selecting Pro Logic II mode, connect your external device to the AUDIO INPUT jacks (L and R) on the player. If you connect to only one of the inputs (L or R), you cannot listen to 5.1 channel surround sound.
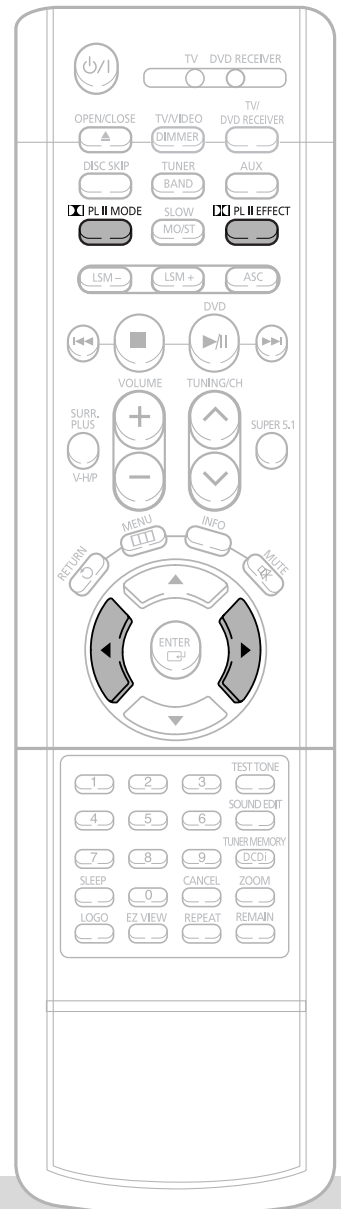
PRO LOGIC II

● **MUSIC:** When listening to music, you can experience sound effects as if you are listening to a live performance.
● **CINEMA:** Adds realism to the movie soundtrack.
● **PRO LOGIC:** You will experience a realistic multi-channel effect, as if using five speakers, while using just the front left and right speakers.
● **MATRIX:** You will hear 5.1 channel surround sound.
STEREO: Select this to listen to sounds from the front left and right speakers and the subwoofer only.

65

Dolby Pro Logic II Effect

This function works only in Dolby Pro Logic MUSIC mode.

1 Press ◻◻ **PL II MODE** button to select 'MUSIC' mode.

> LINEAR PCM
> ◻◻ PRO LOGIC II PBC
>
> MUSIC
>
> L C R SW LS RS

2 Press ◻◻ **PL II EFFECT** button and then press Cursor ◄ , ► buttons to select the mode.

- You can select either 0 or 1.

> LINEAR PCM
> ◻◻ PRO LOGIC II PBC
>
> PANORAMA 1
>
> L C R SW LS RS

3 Press ◻◻ **PL II EFFECT** button and then press Cursor ◄ , ► buttons to select the mode.

- You can select between 0 and 7.

> LINEAR PCM
> ◻◻ PRO LOGIC II PBC
>
> C-WIDTH 2
>
> L C R SW LS RS

4 Press ◻◻ **PL II EFFECT** button and then press Cursor ◄ , ► buttons to select the mode.

- You can select between 0 and 6.

> LINEAR PCM
> ◻◻ PRO LOGIC II PBC
>
> DIMENS 6
>
> L C R SW LS RS

SETUP

Note • When playing a DVD disc encoded with two or more channels, multi-channel mode will be selected automatically and ◻◻PL ll (Dolby Pro Logic II) button does not work.

- **PANORAMA:** This mode extends the front stereo image to include the surround speakers for an exciting "wraparound" effect with side wall imaging.
- **CENTER WIDTH:** Sound is output to the center speaker only. The front left and right speakers produce phantom sound.
- **DIMENSION:** Incrementally adjusts the sound field (DSP) from the front or rear.

66

Auto Sound Calibration

By setting the ASC function just once, the speaker distance, channel level and rear sound reflection effect are automatically set and create an optimal listening environment.

- This function works only in DVD/CD function.
- If you install the speaker as the RRSS speaker, make sure to install the rear speaker toward the side wall so that rear speaker sounds of the front/rear speaker (left/right) are reflected against the wall.

1 Connect the ASC Microphone to ASC input connector.

2 Place the ASC Microphone at the listening position.
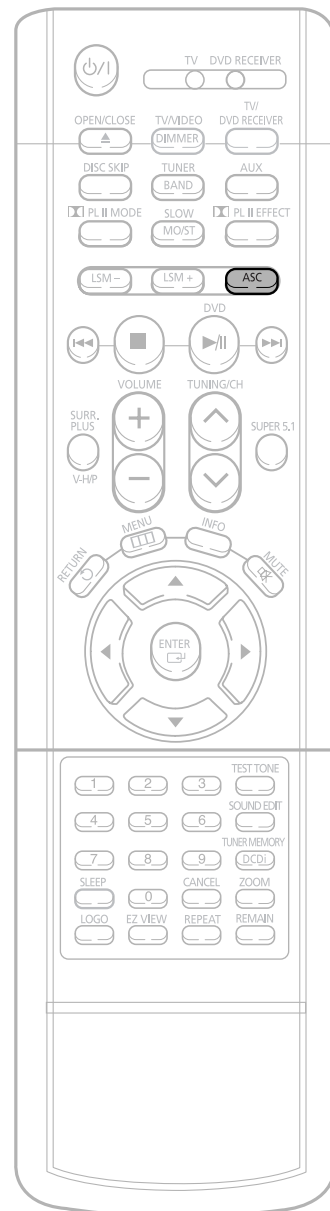
3 Press the **ASC** button.

- A speaker tone will be output from L → R after signal sound is output one time in the order of L → C → R → RS → LS → SW.
- An optimal listening environment will be set up automatically
- It takes about 3~4 minutes to complete the ASC setup.

4 When "**REMOVE MIC**" appears on the display, disconnect the ASC microphone.
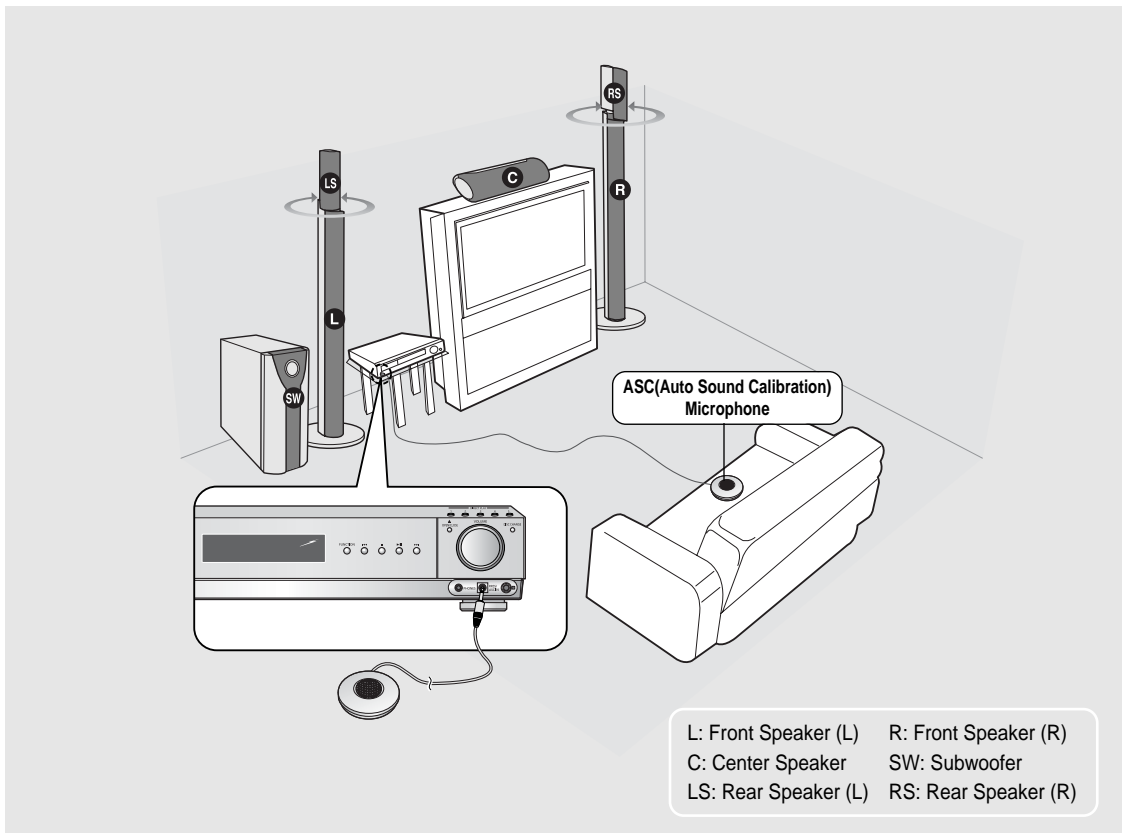
Signal sound is output

Setting is complete after piano sound is output.

Note
- If you are instaling the system for the first time, "**NO MEASURED DATA**" will appear on the display when you press the ASC button while the ASC Microphone is not connected.
- During the Auto Sound Calibration setup, the speaker tone's output volume is fixed. You cannot use the volume buttons to adjust the output level.
- If you remove the ASC Microphone during ASC setup, the setting will be cancelled.

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L: Front Speaker (L)   R: Front Speaker (R)
C: Center Speaker   SW: Subwoofer
LS: Rear Speaker (L)   RS: Rear Speaker (R)

ASC(Auto Sound Calibration) Microphone

To select the ASC that you have set

Briefly press the **ASC** button.
(If you have set ASC for the first time according to Steps 1 to 3 on the previous page)

- Selection will toggle between **ASC ON** and **ASC OFF** on the display.
- Select **ASC ON** to listen using the ASC setting, and select **ASC OFF** to listen to the disc currently being played in its original setting.

To check ASC that you have set

1. Press and hold the **ASC** button twice.
- **ASC CHECK** appears on the display.

2. Next, briefly press the **ASC** button.
- The speaker distance setting and level value for each channel will be displayed.

To cancel the ASC setup

Press the **ASC** button.
- The tone ouput stops, '**CANCEL**' appears on the display followed by '**REMOVE MIC**' and then the setup will be cancelled.

To enable or disable the sound logo

When you turn on the power, a sound logo will be heard, indicating that the disc reading is complete and the player is in its optimal condition to play the disc.

1. Press and hold the **ASC** button.
- **S.LOGO ON** or **S.LOGO OFF** appears on the display

2. Briefly press the **ASC** button.
- Each time you press this button, **S.LOGO ON** and **S.LOGO OFF** selections will be toggled.
- Select **S.LOGO ON** to output the sound logo and select **S.LOGO OFF** to disable the sound logo.

Caution

- If the system is installed at a location where sound cannot be reflected (e.g., an open space without walls), the speaker distance, channel level and rear sound reflection effect may be set incorrectly during the ASC setup.

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RRSS (Rear Reflecting Surround System) Setting

Select the RRSS mode for sound similar to 5.1 channel sound when rear speakers are used in the front as reflectors.

1 Press the **MODE (RRSS/SDSM)** button of the main unit to select **RRSS**.

- Each time you press this button, **RRSS** and **SDSM** will be repetitively selected on the display.

RRSS

**2** Press the **ASC** button to select **REAR REFLECTING ON**.

- To release, press the **ASC** button again to select **REAR REFLECTING OFF**.

REAR RE_ON

RRSS (Rear Reflecting Surround System) Speaker Configuration

In this setup, the rear speakers reflect sound first against the side walls (or ceiling) and then against the rear wall.

- Since you don't have to separately install the rear speakers, it not only enhances space efficiency, but also eliminates the need to arrange additional speaker wires.
- You can install the speakers on stands or a wall. Make sure to angle the rear speakers so that sound is reflected against the side walls.
  (The Rear speakers can turned to the right and left.)

69
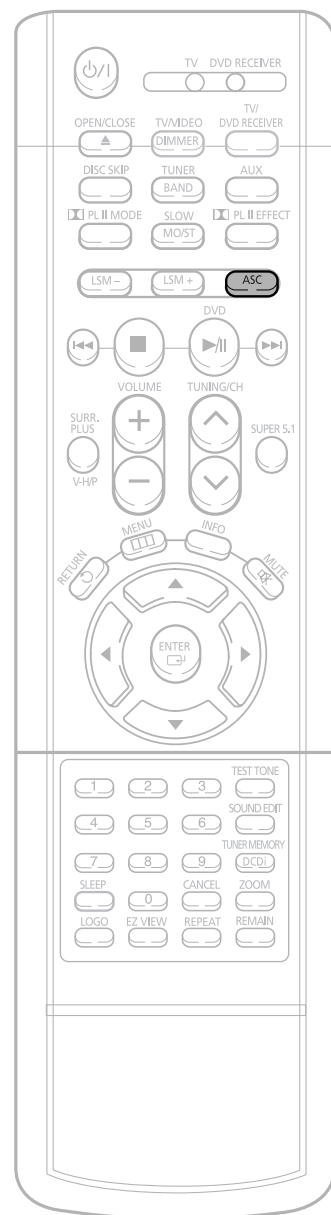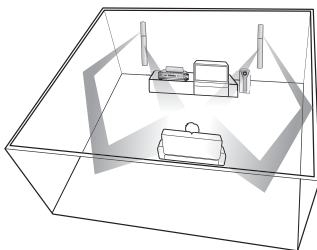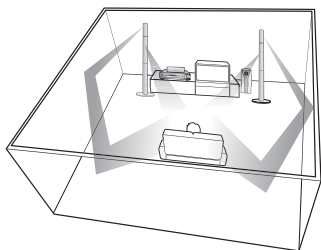
SDSM (Super Digital Sound Master) Setting

Select the SDSM mode when rear speakers are detached from the tower and installed behind your listening/viewing position.

1 Press the **MODE (RRSS/SDSM)** button on the main unit to select **SDSM**.

● Each time you press this button, **RRSS** and **SDSM** will be repetitively selected on the display.

SDSM

2 Press the **ASC** button to select **SDSM ON**.

● To release, press the **ASC** button again to select **SDSM OFF**.

SDSM_ON

SDSM (Super Digital Sound Master) Speaker Configuration

With introduction of new concept of digital audio developed in Samsung to DVD home theater, you can enjoy more lively high-sensitivity sounds.
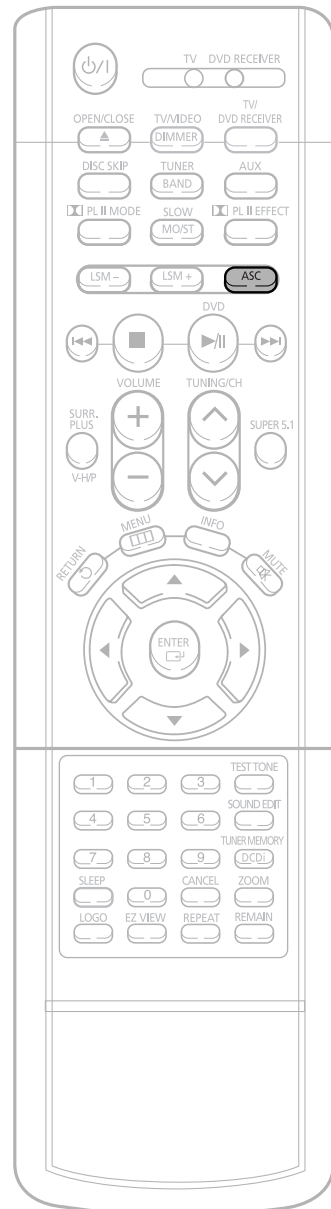
● Separate rear speakers from the front speakers/stands and install on/by the rear wall.

● You can install the speakers on stands or a wall.
Make sure to use the brackets to install the rear speakers on the wall.

SETUP
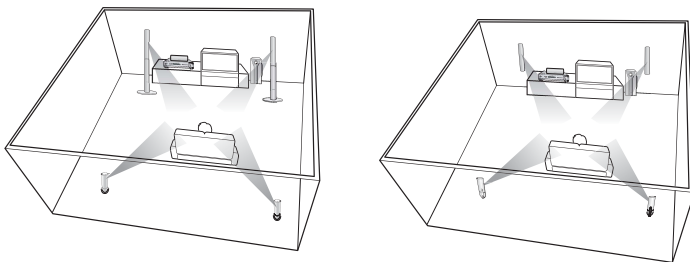
Note ● For more information on speaker assembly, refer to speaker assembly manual.

Live Surround Mode

You can use the live surround mode to listen to 2-channel stereo sources in realistic 5.1-channel surround sound.

1 Play a Dolby Surround or 2-Channel disc, or turn on the radio.

2 Each time you press the **LSM +** button, the mode display changes in the order shown below. Each time you press the **LSM –** button, the mode display changes in the reverse order.

- **CINEMA** : A powerful sound field effect as in a movie theater.
- **STADIUM** : A sound field effect of being at a football or baseball game.
- **LIVE** : A sound field effect with a spatial feeling as in a live concert hall.
- **JAZZ** : Select this when listening to jazz.
- **ROCK** : Select this when listening to rock music.
- **CLASSIC** : Select this when listening to classical music.
- **DISCO** : A sound field with a powerful bass as in a disco club.
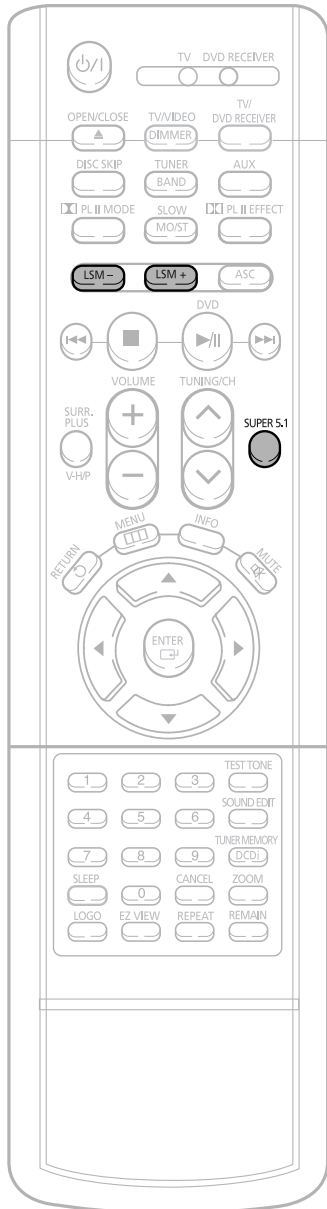- **LSM OFF** : Select this when canceling the LSM mode.

| CINEMA |
| STADIUM |
| LIVE |
| JAZZ |
| ROCK |
| CLASSIC |
| DISCO |
| LSM OFF |
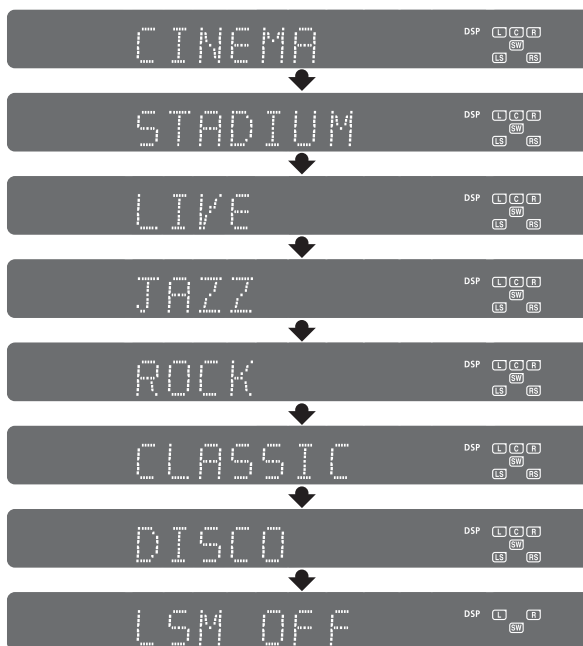
Note

- Depending on the disc being played, the effect of each sound field may vary.

71

SUPER 5.1

You can reproduce 2-channel sources, such as VCDs, CDs, and radio broadcasts, in realistic 5.1-channel surround sound.

1 Press the **SUPER 5.1** button to select "**SUPER 5.1**".

- A 2-channel source will be reproduced in 5.1 channels.

SUPER 5.1 DSP

2 To cancel this function, press the **SUPER 5.1** button to select "**SUPER OFF**".
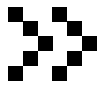
SUPER OFF DSP

SETUP

Note

- If you insert a DVD recorded in more than 2 channels and press the SUPER 5.1 button, "**THIS FUNCTION APPLIES ONLY 2CH SOURCE**" will appear on the display and the function will not work.

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SURROUND PLUS

The Surround Plus function works when the headphone is not connected.

SURROUND PLUS

Enable the Surround Plus function if you have installed the system at a location where sound cannot be reflected.

1 Press the **SURR. PLUS** button to select the surround plus function.

● It helps to deliver more effective 3D sound.
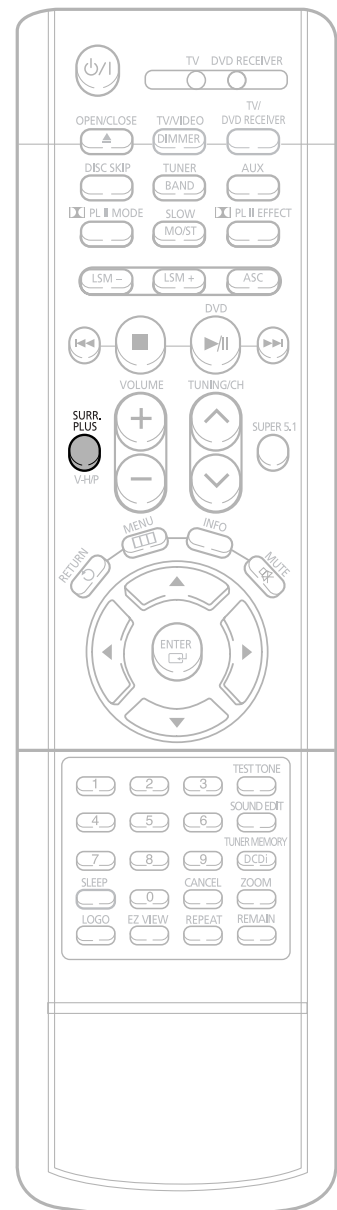
SURR. PLUS

2 To cancel the surround plus function, press the **SURR. PLUS** button again.

SURR. OFF

Note
● This function works only with DVDs recorded in more than 2 channels.
● The surround plus function does not work with 2-channel sources such as music CDs or MP3 CDs.

73

Virtual Headphone

The Virtual Headphone function works when the headphone is connected.

Virtual Headphone

You can enjoy a realistic sound very similar to that of a 5.1-channel sound system using regular stereo headphones.

1 Press the **V-H/P** button to select "**VIRTUAL ON**".

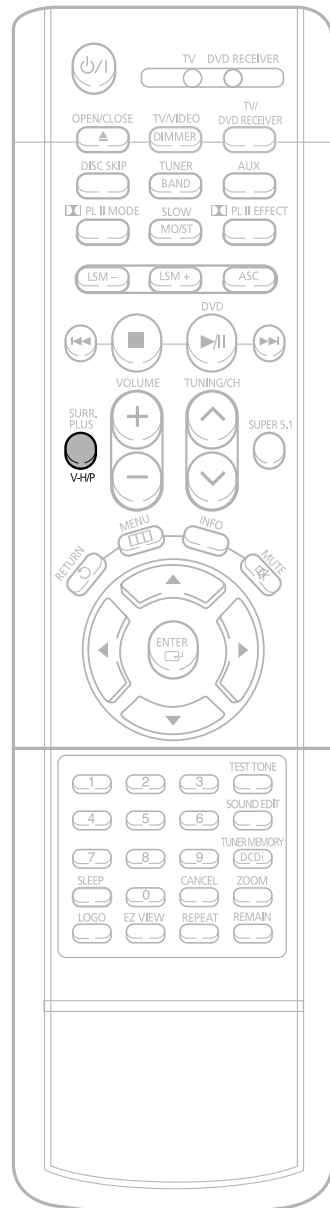- You can enjoy the feeling of being in the middle of a concert hall using headphones.

```
VIRTUAL  ON  🔲 🔲
```

2 To cancel this function, press the **V-H/P** button to select "**VIRTUAL OFF**".

- You can listen in a regular 2-channel stereo.

```
VIRTUALOFF  🔲 🔲
```

SETUP

74

Listening to Radio

You can listen to the chosen band (FM, AM broadcast stations) by using either the automatic or manual tuning operation.

Remote Control Unit

### 1 Press **TUNER/ BAND** button.

- The selection toggles back and forth between "FM → AM" each time the **TUNER(BAND)** button is pressed.

2 Tune in to the desired station.

| Automatic Tuning 1 | When ◄◄ ►► is pressed, a preset broadcast station is selected. |

| Automatic Tuning 2 | Press and hold the TUNING/CH ∧ ∨ to automatically search for active broadcasting stations. |

| Manual Tuning | Briefly press the TUNING/CH ∧ ∨ to increase or decrease the frequency incrementally. |
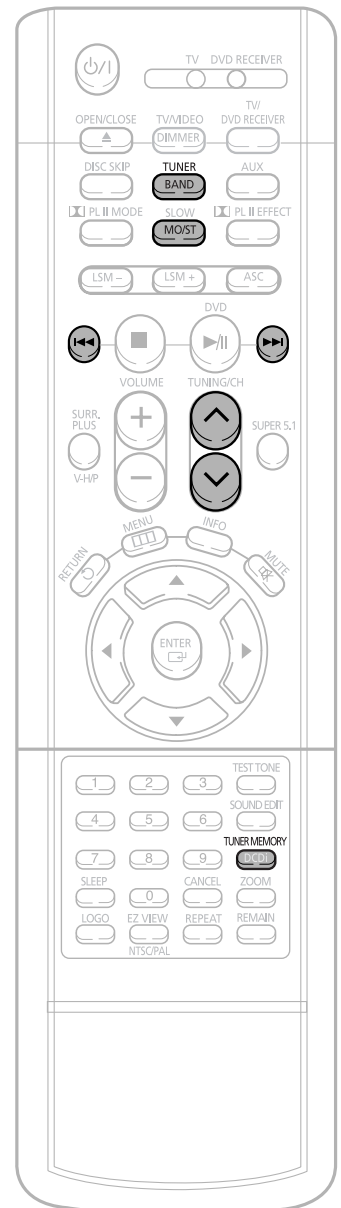
Main Unit

1 Press the **Function** button to select the desired band (FM, AM).

2 Select a broadcast station.

| Automatic Tuning 1 | Press the **STOP** (■) button to select PRESET and then press ◄◄ ►► button to select the preset station. |

| Automatic Tuning 2 | Press the **STOP** (■) button to select "MANUAL" and then press and hold ◄◄ ►► button to automatically search the band. |

| Manual Tuning | Press **STOP** (■) to select MANUAL and then briefly press ◄◄ ►► to tune in to a lower or higher frequency. |

Press **MO/ST** button to listen in Mono/Stereo.
(This applies only when listening to an FM station.)

- Each time the button is pressed, the sound switches between "STEREO" and "MONO".
- In a poor reception area, select MONO for a clear, interference-free broadcast.

75

Presetting Stations

You can store up to:

♦ 15 FM stations
♦ 15 AM stations

Example: Presetting FM 89.1 in the memory

1 Press the **TUNER(BAND)** button and select the FM band.

- Each time the button is pressed, the band switches between "FM → AM".

  FM 91.90 MHz

2 Press ⌄⌄ to select "89.10".

- Refer to Step 2 on page 75 to automatically or manually tune in to a station.

  FM 8910 MHz

3 Press the **TUNER MEMORY** button.

- "PRGM" flashes in the display.

  01FM 8910 MHz

4 Press ⏮⏭ to select preset number.

- You can select between 1 and 15.

  02FM 8910 MHz

5 Press the **TUNER MEMORY** button again.

- Press the **TUNER MEMORY** button before 'PRGM' disappears from the display.
- 'PRGM' disappears from the display and the station is stored in memory.

  FM 8910 MHz

6 To preset another station, repeat steps 2 to 5.

RADIO OPERATION

To tune in to a preset station, press ⏮⏭ on the remote control to select a channel.

76

Convenient Functions

Sleep Timer Function

If you set the time in advance, the unit automatically turns off at the designated time.

Press **SLEEP** button.

● "SLEEP" will be displayed. Each time the button is pressed, the preset time changes as follows: 10 → 20 → 30 → 60 → 90 → 120 → 150 → OFF.
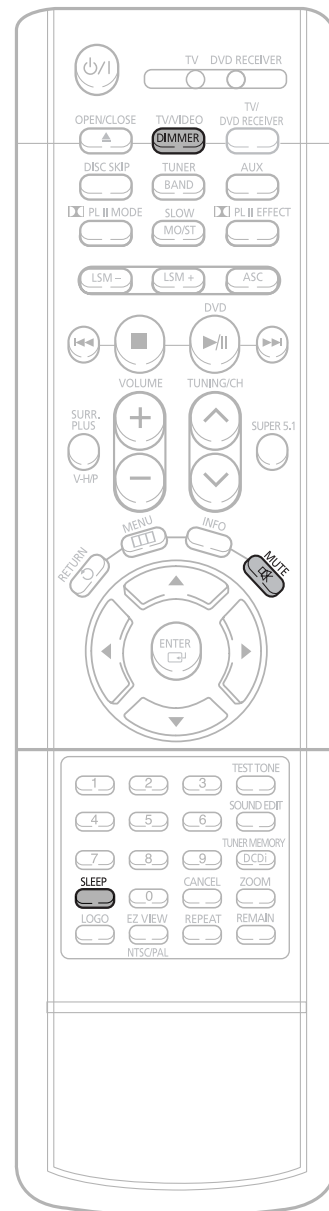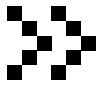
```
SLEEP      10
```

To confirm the sleep timer setting, press **SLEEP** button.

● The remaining time before the DVD player will shut itself off is displayed.
● Pressing the button again changes the sleep time from what you have set earlier.

To cancel the sleep timer, press **SLEEP** button until OFF appears on the display.

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>> Adjusting Display Brightness

You can adjust the brightness of the display on the main unit to improve video quality.

Press **DIMMER** button.

● Each time the button is pressed, the brightness changes as follows: **DARK → BRIGHT**.
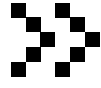
>> Mute Function

This is useful when answering the door or a telephone call.

Press **MUTE** button.

● 'MUTE ON' appears in the display.
● To restore the sound, press the button again to select 'MUTE OFF'.

MUTE ON
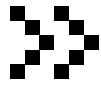
>> Using Headphones

Use headphones (not supplied) for private listening pleasure.

Connect the headphones to the PHONES jack for private listening.

Caution

● To prevent hearing damage, do not increase the volume excessively when using headphones.

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Operating a TV with the Remote Control
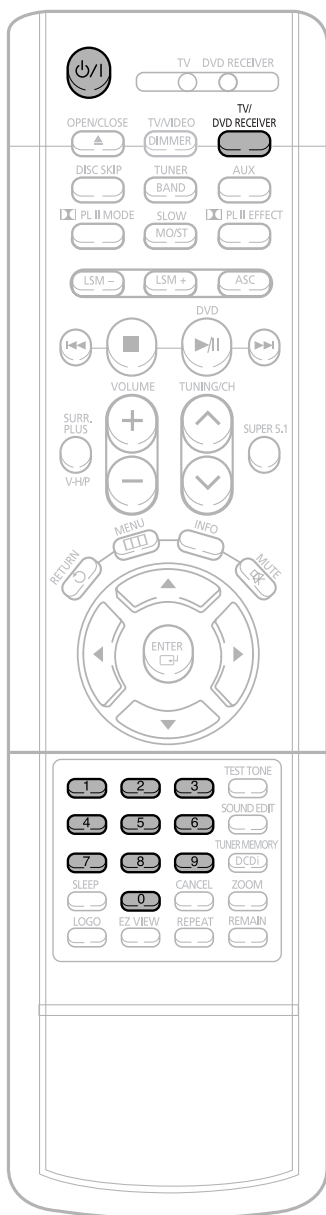
When operating a TV with the remote control

1 Press the **TV/DVD RECEIVER** button to make the TV indicator on the remote control flash.

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

3 Point the remote control toward the TV.

4 While holding down **POWER**, enter the code corresponding to your brand of TV.

- If the code matches the TV's code, the TV will be turned off.
- If there is more than one code listed for your TV in the table, enter one at a time to determine which code works.

Example: For a Samsung TV

While holding down **POWER**, use the number buttons to enter 00, 01, 02, 03, 04, and 05.

5 Point the remote control toward the TV and press **POWER**. If the TV turns off or on, the setting is complete.

- You can use the TV POWER, VOLUME, CHANNEL, and Numeric buttons (0~9).

Note

- The remote control may not work on some brands of TVs. Also some operations may not be possible depending on your brand of TV.
- If you do not set the remote control with the code for your brand of TV, the remote control will work on a Samsung TV by default.

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TV Brand Code List

No.	Brand	Code	No.	Brand	Code
1	SAMSUNG	00(Initial Value), 01, 02, 03, 04, 05, 73	30	BRANDT	41
2	ANAM	06~11, 59	31	FERGUSON	41
3	DAEWOO	12~18, 20, 21	32	PIONEER	41, 48, 74
4	LG	05, 20, 21, 22, 53	33	TELEAVA	41
5	HITACHI	23, 40, 41, 49	34	FINLUX	05, 42, 47
6	JVC	24, 55	35	FISHER	31
7	SHARP	27, 33, 34, 35, 54	36	AKAI	31
8	SONY	27, 36	37	YOKO	05
9	TOSHIBA	27, 37, 42, 43, 44, 46	38	PHONOLA	05, 45, 47
10	SANYO	27, 30, 31, 32	39	RADIOLA	05, 45
11	MITSUBISHI	05, 27, 28	40	SCHNEIDER	05
12	MATSUSHITA	09, 26	41	NEWSAN	58
13	TELEFUNKEN	41, 49, 51, 57	42	CONTINENTAL EDISON	49
14	RCA	29, 61	43	SALORA	48
15	PANASONIC	07, 09, 26, 48, 49, 50	44	SELECO	48
16	SABA	40, 41, 47, 48, 49	45	NOKIA	48
17	PHILIPS	05, 45, 47, 64, 65, 66, 67, 68, 69	46	REX	48
18	GRUNDIG	39, 42, 46, 70, 71, 72	47	MIVAR	46
19	ZENITH	38	48	IMPERIAL	46
20	MIVAL	52	49	CGE	46
21	NOBLEX	56	50	BANG & OLUFSEN	47
22	EMERSON	19	51	BRIONVEGA	47
23	MAGNAVOX	25	52	FORMENTI	47
24	LOEWE	05, 60	53	METZ	47
25	THOMSON	40, 41, 49, 62, 63	54	WEGA	47
26	NORDMENDE	40, 41, 49	55	RADIOMARELLI	47
27	LOEWE OPTA	36, 47, 05	56	SINGER	47
28	BLAUPUNKT	39	57	SINUDYNE	47
29	SIEMENS	39			

MISCELLANEOUS

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Before Calling for Service

Refer to the chart below for help with common problems. If the problem you are experiencing is not listed below or if the instruction below does not help, turn off the unit, disconnect the power cord, and contact the nearest authorized dealer or Samsung Electronics Service Center.

| Symptom	Check/Remedy
Disc tray does not open.	• Make sure the power cord is plugged securely into the outlet. • Turn off the power and then turn it back on.
Playback does not start.	• Make sure the region code of the disc is "1" or "ALL." DVD discs purchased from abroad may not be playable. • Check the format of your disc: CD-ROMS and DVD-ROMs cannot be played on this home theater. • Make sure that the rating level is correct.
Playback does not start immediately when the Play/Pause button is pressed.	• Check for deformities or scratches on the disc surface. • Clean the disc surface.
Sound is not produced.	• Check the speaker setup and customization settings • Check for damage on the disc.
Sound can be heard only from a few speakers and not all six.	• Select "PRO LOGIC II" by pressing ▯▯PL II (Dolby Pro Logic II) on the remote control to use all six speakers. • Make sure that the DVD disc is 5.1-CH compatible. • If you set C, SL, and SR to NONE in the speaker mode in the audio setup of the setup screen, no sound is heard from the center speaker and the front left and right speakers. Set C, SL, and SR to SMALL.
Picture does not appear, sound is not produced, or the disc tray opens 2 to 5 seconds later.	• If the DVD player is moved from cold to warm temperatures, condensation can form inside the player. Remove the disc and let the player stand for 1 or 2 hours with the power on. Use the player after the condensation evaporates.
Dolby Digital 5.1 CH Surround Sound is not produced.	• Check for a "Dolby Digital 5.1 CH" mark on the disc. Dolby Digital 5.1 CH Surround Sound is produced only if the disc is recorded with 5.1 channel sound. • Check to see if the audio language is correctly set to DOLBY DIGITAL 5.1-CH in the information display.

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Symptom	Check/Remedy
• **Disc is rotating but no picture is produced.** • **Picture quality is poor and picture is shaking.**	• Check to see if the TV power is on. • Check to see if the video cables are connected properly. • Check for damage, deformities or dirt on the disc
The remote control does not work.	• Be sure that the remote control is being used within the required angle and distance • Replace the batteries. • Select the correct mode(TV/DVD) function of the remote.
Audio language and subtitles do not work.	• Only DVDs that are created with audio language and subtitles can use this feature.
Menu screen does not appear even when the menu function is selected.	• The disc may not have been created with menus.
Aspect ratio cannot be changed.	• You can play 16:9 DVDs in 16:9 WIDE mode, 4:3 LETTER BOX mode, or 4:3 PAN SCAN mode, but 4:3 DVDs can be seen in 4:3 ratio only. Refer to the DVD disc jacket and then select the appropriate function.
Can't receive radio broadcast.	• Check the antenna connections. • If the antenna's input signal is weak, install an external FM antenna in an area with good reception.
• **The main unit is not working.** **(Example: The power goes out or strange noise is heard.)** • **The DVD player is not working normally.**	• Turn off the power and hold the ⬤ button on the main unit for longer than 5 seconds. Using the RESET function will erase all stored settings. Do not use this unless necessary.
The password for rating level has been forgotten.	• While the player is in the stop mode, hold the main unit's ⬤ button for longer than 5 seconds. "INITIALIZE" appears on the display and all settings will return to the default values. • Press the POWER button. **Using the RESET function will erase all stored settings.** **Do not use this unless necessary.**

MISCELLANEOUS

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Cautions on Handling and Storing Discs

Small scratches on the disc may reduce sound and picture quality or cause skipping.
Be especially careful not to scratch discs when handling them.

● Handling discs
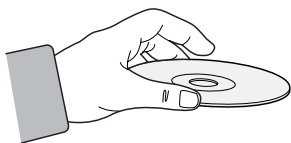
Do not touch the playback side of the disc.
Hold the disc by the edges so that fingerprints
will not get on the surface.
Do not stick paper or tape on the disc.

● Disc Storage

Do not keep in direct sunlight	**Keep in a cool ventilated area**	**Keep in a clean Protection jacket. Store vertically.**
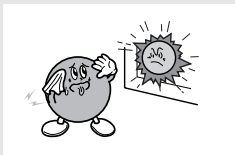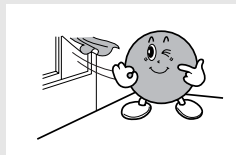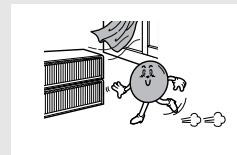
Caution
- Do not allow the discs to become contaminated with dirt.
- Do not load cracked or scratched discs.

● Handling and Storing Discs

When you get fingerprints or dirt on the disc, clean it
with a mild detergent diluted in water and wipe with a
soft cloth.
- When cleaning, wipe gently from the inside to the outside of the disc.

Note

- Condensation may form if warm air comes into contact with cold parts inside the player. When condensation forms inside the player, the player may not operate correctly. If this occurs, remove the disc and let the player stand for 1 or 2 hours with the power on.

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Language Code List

Enter the appropriate code number for the initial settings "Disc Audio", "Disc Subtitle" and/or "Disc Menu" (See page 45).

Code	Language	Code	Language	Code	Language	Code	Language
1027	Afar	1181	Frisian	1334	Latvian, Lettish	1506	Slovenian
1028	Abkhazian	1183	Irish	1345	Malagasy	1507	Samoan
1032	Afrikaans	1186	Scots Gaelic	1347	Maori	1508	Shona
1039	Amharic	1194	Galician	1349	Macedonian	1509	Somali
1044	Arabic	1196	Guarani	1350	Malayalam	1511	Albanian
1045	Assamese	1203	Gujarati	1352	Mongolian	1512	Serbian
1051	Aymara	1209	Hausa	1353	Moldavian	1513	Siswati
1052	Azerbaijani	1217	Hindi	1356	Marathi	1514	Sesotho
1053	Bashkir	1226	Croatian	1357	Malay	1515	Sundanese
1057	Byelorussian	1229	Hungarian	1358	Maltese	1516	Swedish
1059	Bulgarian	1233	Armenian	1363	Burmese	1517	Swahili
1060	Bihari	1235	Interlingua	1365	Nauru	1521	Tamil
1069	Bislama	1239	Interlingue	1369	Nepali	1525	Tegulu
1066	Bengali; Bangla	1245	Inupiak	1376	Dutch	1527	Tajik
1067	Tibetan	1248	Indonesian	1379	Norwegian	1528	Thai
1070	Breton	1253	Icelandic	1393	Occitan	1529	Tigrinya
1079	Catalan	1254	Italian	1403	(Afan) Oromo	1531	Turkmen
1093	Corsican	1257	Hebrew	1408	Oriya	1532	Tagalog
1097	Czech	1261	Japanese	1417	Punjabi	1534	Setswana
1103	Welsh	1269	Yiddish	1428	Polish	1535	Tonga
1105	Danish	1283	Javanese	1435	Pashto, Pushto	1538	Turkish
1109	German	1287	Georgian	1436	Portuguese	1539	Tsonga
1130	Bhutani	1297	Kazakh	1463	Quechua	1540	Tatar
1142	Greek	1298	Greenlandic	1481	Rhaeto-Romance	1543	Twi
1144	English	1299	Cambodian	1482	Kirundi	1557	Ukrainian
1145	Esperanto	1300	Kannada	1483	Romanian	1564	Urdu
1149	Spanish	1301	Korean	1489	Russian	1572	Uzbek
1150	Estonian	1305	Kashmiri	1491	Kinyarwanda	1581	Vietnamese
1151	Basque	1307	Kurdish	1495	Sanskrit	1587	Volapuk
1157	Persian	1311	Kirghiz	1498	Sindhi	1613	Wolof
1165	Finnish	1313	Latin	1501	Sangro	1632	Xhosa
1166	Fiji	1326	Lingala	1502	Serbo-Croatian	1665	Yoruba
1171	Faeroese	1327	Laothian	1503	Singhalese	1684	Chinese
1174	French	1332	Lithuanian	1505	Slovak	1697	Zulu

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Specifications

GENERAL	Power Consumption	100W		
	Weight	14.3lbs		
	Dimensions (W x H x D)	16.9 x 3.3 x 16.3 inches		
	Operating Temperature Range	41°F ~ 95°F		
	Operating Humidity Range	10% ~ 75%		
FM TUNER	Usable Sensitivity	10dB		
	S/N Ratio	55dB		
	Distortion	0.5%		
AM TUNER	Usable Sensitivity	65dB		
	S/N Ratio	35dB		
	Distortion	2%		
VIDEO OUTPUT	Composite Video	1.0Vp-p(75Ω load)		
	Component Video	Y:1.0Vp-p(75Ω load)		
		Pr:0.70Vp-p(75Ω load)		
		Pb:0.70Vp-p(75Ω load)		
	S-VIDEO	Luminance Signal: 1.0Vp-p(75Ω load)		
		Color Signal: 0.286Vp-p(75Ω load)		
	HDMI	Impedance: 85~115Ω		
AMPLIFIER	Front speaker output	125W x 2(3Ω)		
	Center speaker output	125W(3Ω)		
	Rear speaker output	125W x 2(3Ω)		
	Subwoofer speaker output	125W(3Ω)		
	Frequency range	20Hz~20kHz		
	S/N Ratio	75dB		
	Channel separation	50dB		
	Input sensitivity	(AUX)400mV		
SPEAKERS	Speaker system	5.1ch speaker system		
		Front / Rear speaker	Center speaker	Subwoofer speaker
	Impedance	3Ω x 4	3Ω	3Ω
	Frequency range	150Hz~20kHz 200Hz~15kHz	150Hz~20kHz	40Hz~400Hz
	Sound pressure level	85dB/W/M / 86dB/W/M	85dB/W/M	84dB/W/M
	Rated input	125W	125W	125W
	Maximum input	200W	200W	200W
	Dimensions (W x H x D)	3.3 x 20.7 x 5.2 inches 12.2 x 41.9 x 12.2 inches (Stand Included) 3.3 x 10.3 x 5.2 inches 4.7 x 11.7 x 6.5 inches (Stand Included)	10.9 x 3.6 x 5.1 inches	7.8 x 15.8 x 17.3 inches
	Weight	11.0 lbs (Stand Included) 1.6 lbs (Stand Included)	1.8 lbs	18.5 lbs

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Notes on Terminology

ANGLE	Recorded onto some DVD discs are scenes which have been simultaneously shot from a number of different angles (the same scene is shot from the front, from the left , from the right , etc.). With such discs, the Angle button can be used to change the angle of view for specific scenes.
CHAPTER NUMBER	These numbers are recorded on DVD discs. A Title is subdivided into many sections, each of which is numbered, and specific parts of the video can be searched quickly using these numbers.
DVD	A high-density optical disc on which high-quality pictures and sound have been recorded by means of digital signals. Incorporating a new video compression technology (MPEG-2) and high-density recording technology, a DVD disc comprises two 0.6 mm thick discs bonded together.
PCM	An acronym for Pulse Code Modulation - another name for digital audio.
REGION NUMBER	Both the DVD player and DVD discs are encoded with a region number. If the region number on the DVD disc does not correspond to the region number of the DVD player, the player cannot play the disc.
SUBTITLES	Translations appearing at the bottom of the screen. A DVD disc can contain up to 32 subtitle languages.
TITLE NUMBER	These numbers are recorded on DVD discs. When a disc contains two or more movies, these movies are numbered as Title 1, Title 2, etc.
TRACK NUMBER	These numbers are assigned to the tracks which are recorded on video and audio CDs. They enable specific tracks to be located quickly.
DIGITAL dts SURROUND	You can enjoy 5.1 (or 6) channels of high fidelity digital sound from various digital input sources such as DVD, CD etc. DTS provides a realistic, clear surround sound that has not previously been available from conventional surround sound.
DOLBY DIGITAL	5.1 (or 6) Channel Digital Surround sound reproduced from DVDs and LDs recorded as a digital signals (with DOLBY DIGITAL disc marking). With better sound quality, dynamic range, and directionality than traditional Dolby surround technology, you can enjoy dynamic, realistic sound.
DOLBY DIGITAL PRO LOGIC II	A 4 channel analog sound reproduced from a program source such as a videotape or LD with the DOLBY DIGITAL PRO LOGIC II mark. You can enjoy a more realistic, robust sound unavailable from regular stereo sources.

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Memo

Samsung Limited Warranty

Samsung Electronics Canada Inc. (SECA), warrants that this product is free from defective material and workmanship.

SECA further warrants that if this product fails to operate properly within the specified warranty period and the failure is due to improper workmanship or defective material SECA will repair or replace the product at its option.

All warranty repairs must be performed by a SECA authorized service centre. (The name and address of the location nearest you can be obtained by calling toll free **1-800-726-7864** or visiting our web site at **www.samsung.ca)**

Labour	Parts
one (1) year (carry-in)	**one (1) year**

On carry-in models, transportation to and from the service centre is the customer's responsibility.

The original dated sales receipt must be retained by the customer and is the only acceptable proof of purchase. It must be presented to the authorized service centre at the time service is requested.

Exclusions

This warranty does not cover damage due to accident, fire flood and/or other acts of God; misuse, incorrect line voltage, improper installation, improper or unauthorized repairs, commercial use, or damage that occurs in shipping. Exterior and interior finish, lamps and glass are not covered under this warranty. Customer adjustments which are explained in the instruction manual are not covered under the terms of this warranty.
This warranty will automatically be voided for any unit found with a missing or altered serial number. This warranty is valid only on products purchased and used in Canada.

MISCELLANEOUS

SAMSUNG ELECTRONICS CANADA, INC.

HEADQUARTERS

7037 Financial Drive, Mississauga, Ontario, Canada L5N 6R3
TEL: 1-905-542-3535
www.samsung.ca

SERVICE DIVISION

7037 Financial Drive, Mississauga, Ontario, Canada L5N 6R3
1-800-SAMSUNG (1-800-726-7864)

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