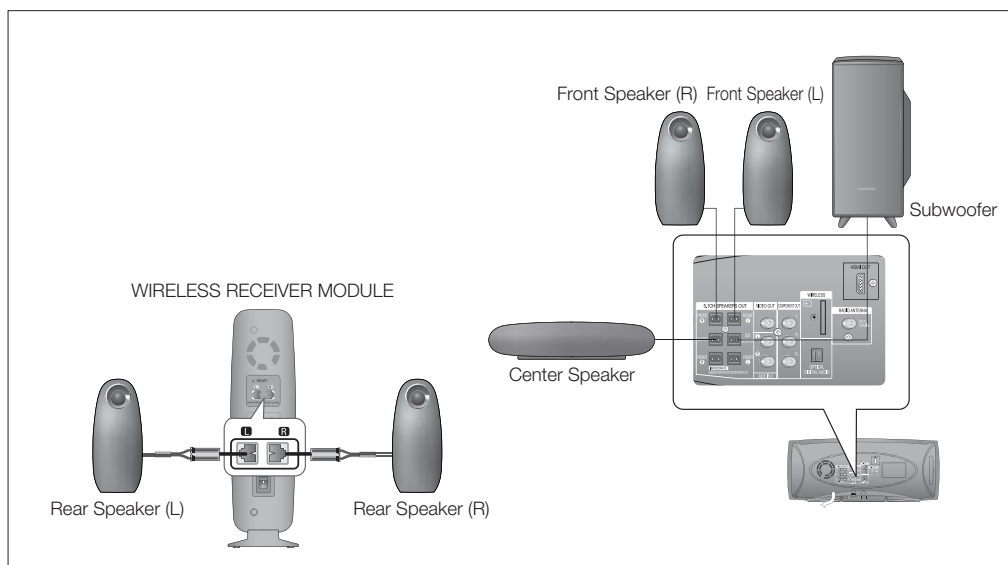# CONNECTING THE OPTIONAL WIRELESS RECEIVING AMPLIFIER

To connect the rear speakers by wireless, you have to purchase the wireless receiving module and TX card from your Samsung retailer.

## When you have Purchased the Wireless Receiving Module (SWA-4000)

Front Speaker (R) Front Speaker (L)

Subwoofer

WIRELESS RECEIVER MODULE

Center Speaker

Rear Speaker (L)   Rear Speaker (R)

1. Connect the front, center and Subwoofer speakers to the DVD Player. Please refer to Page 18.

2. With the DVD Player turned off, insert the TX card into the TX Card Connection(WIRELESS) on the back of the main unit.

- Hold the TX card so that the slanted side faces downward and insert the card into the port.
- The TX card enables communication between the main unit and the wireless receiver.

3. Connect the left and right rear speakers to the wireless receiving module.

4. Plug the power cord of the wireless receiving module into the wall outlet and turn the module **ON**.

WIRELESS

TX card

Slanted side faces down

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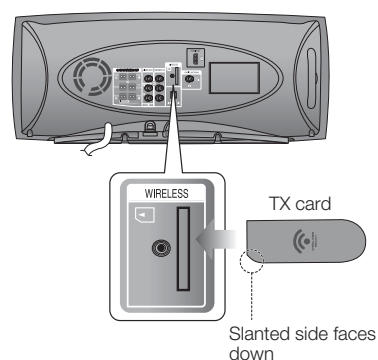
connections

⚠ ■ Place the wireless receiver module at the rear of the listening position. If the wireless receiver module is too close to the main unit, some sound interruption may be heard due to interference.

■ If you use a device such as a microwave oven, wireless LAN Card, Bluetooth equipment, or any other device that uses the same frequency (5.8GHz) near the system, some sound interruption may be heard due to interference.

■ The transmission distance of a radio wave is about 10m, but may vary depending on your operating environment. If a steel-concrete wall or metallic wall is between the main unit and the wireless receiver module, the system may not operate at all, because the radio wave cannot penetrate metal.

■ This product(HT-XA100) is compatible with the wireless receiver module SWA-3000.
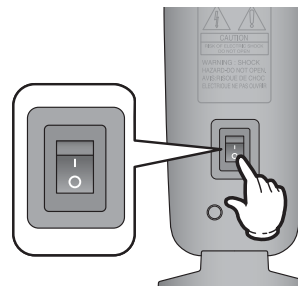
✎ ■ Do not insert any other card except the TX card dedicated to the product. The product might be damaged or the card may not be removed easily.

■ Do not insert the TX card upside down or in the reverse direction.

■ Insert the TX card when the DVD Player is turned off. Inserting the card when it is turned on may cause a problem.

■ If the TX Card is inserted, sound is not output from the Rear Speaker connectors on the main unit.

■ The wireless receiving antenna is built into the wireless receiver module. Keep the unit away from water and moisture.

■ For optimal listening performance, make sure that the area around the wireless receiver module location is clear of any obstructions.

■ If no sound is heard from the wireless rear speakers, switch the mode to DVD 5.1 channel or Dolby ProLogic II.

■ In 2-CH mode, no sound will be heard from the wireless rear speakers.

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CONNECTING THE VIDEO OUT TO YOUR TV

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

METHOD3 (supplied) METHOD2 METHOD1
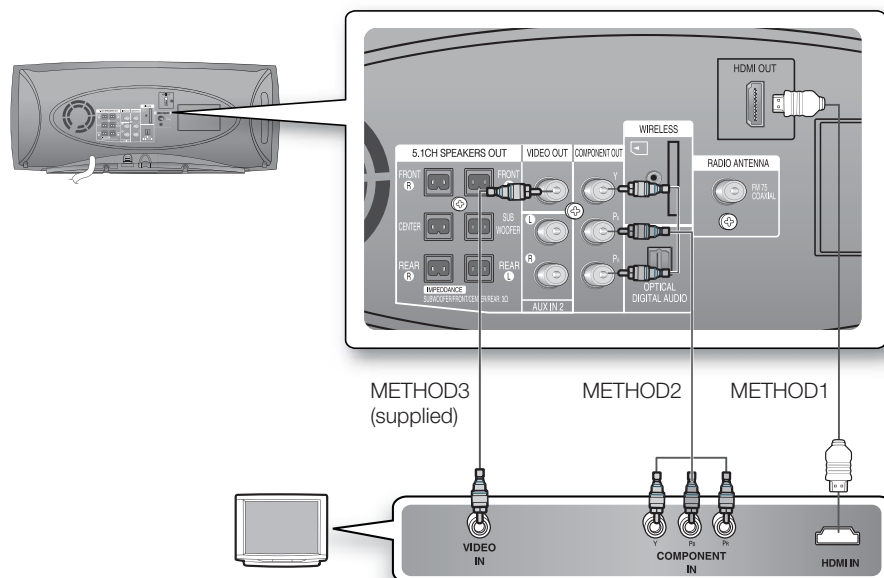
METHOD 1 : HDMI

Connect the HDMI cable from the HDMI OUT jack on the back of the DVD Player to the HDMI IN jack on your TV.

METHOD 2 : Component Video

If your television is equipped with Component Video inputs, connect a Component video cable(not supplied) from the Component Video Output (P_R, P_B and Y) jacks on the back of the DVD Player to the Component Video Input jacks on your TV.

METHOD 3 : Composite Video

Connect the supplied Video cable from the VIDEO OUT jack on the back of the DVD Player to the VIDEO IN jack on your TV.

✎ ■ The resolution from the Component Output is 480i.

■ If you use an HDMI cable to connect a Samsung TV to the DVD Player, you can operate the Home Theater using the TV's remote control. This is only available with SAMSUNG TVs that support Anynet+(HDMI-CEC).

■ Please check the *Anynet+* logo (If your TV has an *Anynet+* logo, then it supports the Anynet+ function.)

connections

HDMI Auto Detection Function

The player's video output will automatically change to HDMI mode when connecting an HDMI cable while power is on.

- **HDMI (High Definition Multimedia Interface)**

  HDMI is an interface that enables the digital transmission of video and audio data with just a single connector.
  Using HDMI, the DVD Home Theater transmits a digital video and audio signals and displays a vivid picture.

- **HDMI connection description**

  HDMI connector - Supports video and digital audio data.

  - HDMI outputs only a pure digital signal to the TV.

  - If your TV does not support HDCP (High-bandwidth Digital Content Protection), random noise appears on the screen.

- **Why does Samsung use HDMI?**

  Analog TVs require an analog video/audio signal. However, when playing a DVD, the data transmitted to a TV is digital. Therefore either a digital-to-analog converter (in the DVD Home Theater) or an analog-to-digital converter (in the TV) is required. During this conversion, the picture quality is degraded due to noise and signal loss. HDMI technology is superior because it requires no D/A conversion and is a pure digital signal from the player to your TV.

- **What is the HDCP?**

  HDCP (High-band width Digital Content Protection) is a system for protecting DVD content outputted via HDMI from being copied. It provides a secure digital link between a video source (PC, DVD. etc) and a display device
  (TV, projector. etc). Content is encrypted at the source device to prevent unauthorized copies from being made.

- **What is Anynet+?**

  Anynet+ is a convenient function that offers linked operation of this unit through Samsung TVs with the Anynet+ feature.

  - If your Samsung TV has an *Anynet+* logo, then it supports the Anynet+ function.

  - If you turn on the player and insert a disc, the player will start playing the disc, and the TV will turn on automatically and switch to HDMI mode.

  - If you turn on the player and press the Play button with a disc already inserted, the TV will immediately turn on and switch to HDMI mode.

HDMI FUNCTION

Resolution Selection

This function allows the user to select the screen resolution for HDMI output.

In Stop mode, press and hold the **SD/HD** (Standard Definition/High Definition) button on the remote control for longer than 5 seconds.
- Resolutions available for the HDMI output are 480p, 720p, 1080i/1080p.
- SD(Standard Definition) resolution is 480p and HD (High Definition) resolution is 720p, 1080i/1080p.

The default value of HDMI output is 480P.
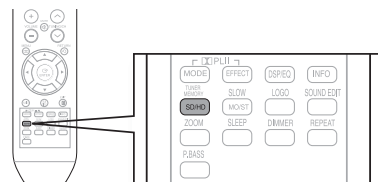
✎ ■ If the TV does not support the configured resolution, you will not be able to see the picture.

■ When an HDMI cable is connected, composite and component video signals are not output.

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

Why use HDMI (High Definition Multimedia Interface)?

This device transmits a DVD video signal digitally without the process of converting to analog. You will get sharper digital pictures when using an HDMI connection.

Using Anynet+(HDMI-CEC)

Anynet+ is a function that enables you to control other Samsung Devices with your Samsung TV's remote control, Anynet + can be used by connecting this Home Theater to a SAMSUNG TV using an HDMI Cable. This is only available with SAMSUNG TVs that support Anynet+.

1. Connect the main unit of the Home Theater to a Samsung TV with an HDMI cable. (See page 21)

2. Set the Anynet+ function on your TV.
   (See the TV instructions manual for more information.)
   - You can operate the Home Theater by using the TV remote control. (Available TV buttons : ⏪, ⏹, ▶, ⏩, ▲, ▼ and ◄, ► buttons, ⓪ ~ ⑨ button)

With Anynet+

You can operate this unit, power on your TV, or watch a movie by pressing the Play button on your Samsung TV's remote control.

If you select the TV

Set the Anynet+(HDMI-CEC) to **On** by pressing the Anynet+ button on your TV.
- **Receiver** : **On** : You can listen to audio through the Home Theater.
- **Receiver** : **Off** : You can listen to audio through the TV.

If you select the THEATER

Select **THEATER to connect** and set the option of each item below.
- **View TV** : If Anynet+(HDMI-CEC) is set to on and you select View TV, the Home Theater will automatically switch to DIGITAL IN mode.
- **THEATER Menu** : You can access and control the Home Theater menu.
- **THEATER Operation** : The Home Theater disc playback information will be displayed.
   You can control the Disc operation of the Home Theater such as title, chapter and subtitle change.
- **Receiver** : **On** : You can listen to audio through the Home Theater.
- **Receiver** : **Off** : You can listen to audio through the TV.
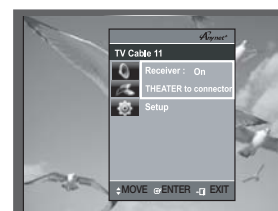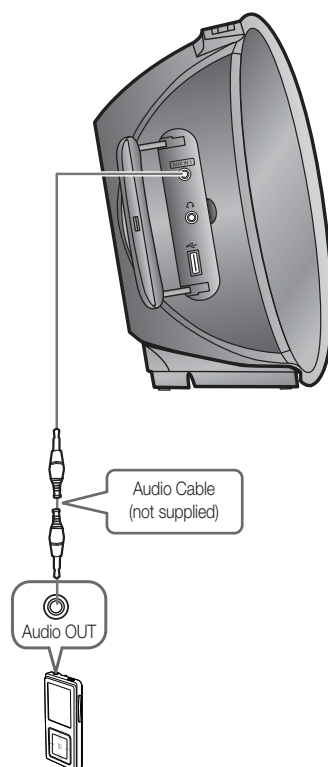
✎ ■ The Theater function is available only when you listen to the audio through the Home Theater with the digital optical cable connected.

connections

CONNECTING AUDIO FROM EXTERNAL COMPONENTS

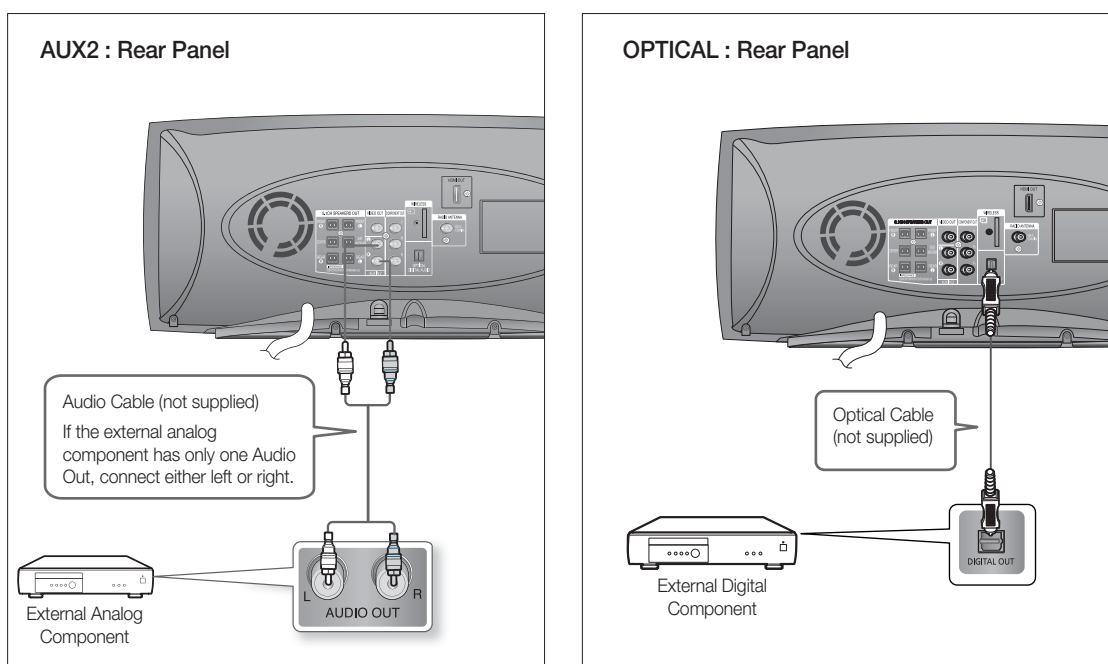### AUX1 : Connecting an External Component/MP3 player

Components such as an MP3 Player

Audio Cable (not supplied)

Audio OUT

1. Connect AUX IN 1 (Audio) on the Home Theater to the Audio Out of the external component/MP3 player.

2. Press the **AUX** button on the remote control to select **AUX1** input.
   - You can also use the **FUNCTION** button on the main unit.
     The mode switches as follows :
     DVD/CD ➡ DIGITAL IN ➡ AUX 1 ➡ AUX 2 ➡ USB ➡ BT AUDIO ➡ FM.

✎ ▪ When the unit is powered on and you connect an MP3 player, the unit will charge your MP3 player's battery.

AUX2 : Rear Panel

Audio Cable (not supplied)

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

External Analog Component

L   R

AUDIO OUT

OPTICAL : Rear Panel

Optical Cable (not supplied)

External Digital Component

DIGITAL OUT

AUX2 : Connecting an External Analog Component

Analog signal components such as a VCR.

1. Connect AUX IN 2 (Audio) on the Home Theater to the Audio Out of the external analog component.
   - Be sure to match connector colors.
2. Press the **AUX** button on the remote control to select **AUX 2** input.
   - You can also use the **FUNCTION** button on the main unit.
     The mode switches as follows :
     DVD/CD ➜ DIGITAL IN ➜ AUX 1 ➜ AUX 2 ➜ USB ➜ BT AUDIO ➜ FM.

✍ ▪ You can connect the Video Output jack of your VCR to the TV, and connect the Audio Output jacks of the VCR to this product.

OPTICAL : Connecting an External Digital Component

Digital signal components such as a Cable Box/Satellite receiver (Set-Top Box).

1. Connect the Digital Input (OPTICAL) on the Home Theater to the Digital Output of the external digital component.
2. Press the **AUX** button on the remote control to select **DIGITAL IN**.
   - You can also use the **FUNCTION** button on the main unit.
     The mode switches as follows :
     DVD/CD ➜ DIGITAL IN ➜ AUX 1 ➜ AUX 2 ➜ USB ➜ BT AUDIO ➜ FM.

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connections

CONNECTING THE FM ANTENNA

1. Connect the FM antenna supplied to the FM 75Ω COAXIAL Jack.

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.

FM Antenna
(supplied)

RADIO ANTENNA
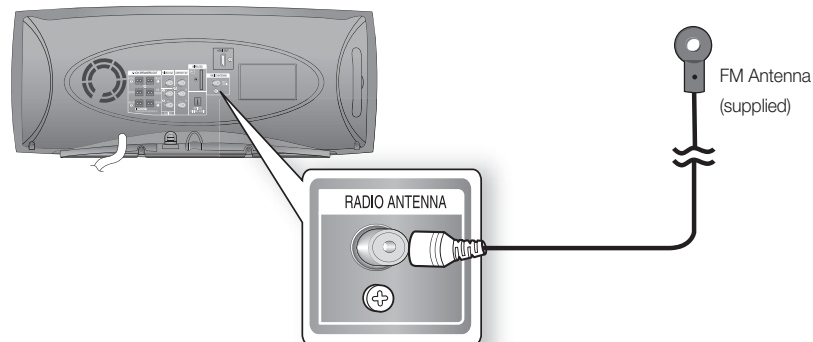
✎ ■ This unit does not receive AM broadcasts.

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 may 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.)
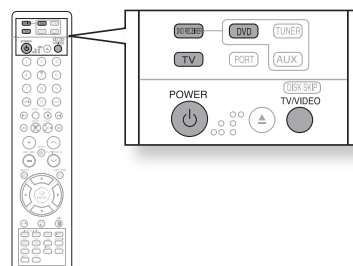
26
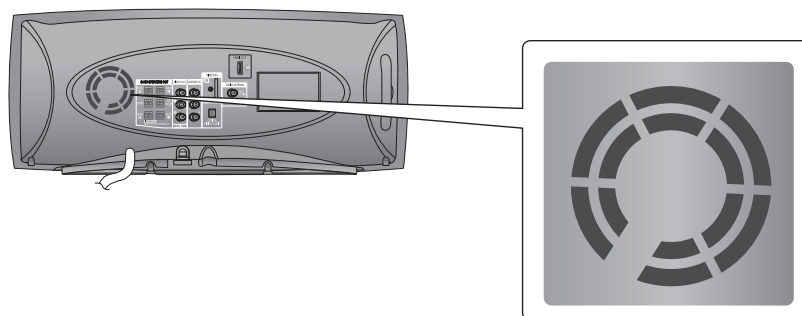
before using your home theater

The DVD Home Theater's remote can be used to control Samsung TVs.

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

2. Press the **DVD RECEIVER** button to switch to DVD RECEIVER mode to operate the DVD Home Theater.

3. Press the **FUNCTION** button on the main unit or **DVD** button on the remote to enable DVD/CD playback.

4. Press the **TV** button to set the remote to TV mode.

5. Press the **POWER** button to turn on your Samsung TV with this remote.

6. Press the **TV/VIDEO** button to select VIDEO mode on your TV.

VIDEO

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playback

DISC PLAYBACK

DVD CD

1. Load a disc vertically into the Disc Insert Hole.
   • Place a disc gently into the tray with the disc's label facing up.
2. Close the compartment by pressing the **PLAY** (▶) button.
   • Playback starts automatically.
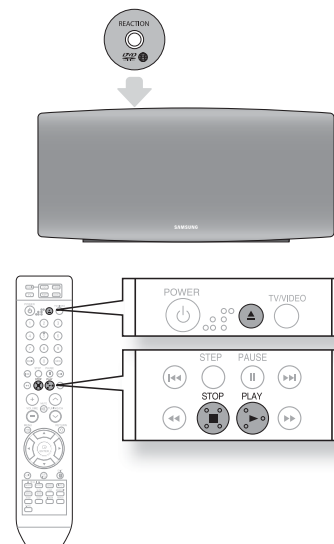
To stop playback, press the STOP (■) button during playback.

• If pressed once, **PRESS PLAY** is displayed and the stop position will be stored in memory.
  If the **PLAY** (▶) 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 the **PLAY** (▶) button is pressed, playback starts from the beginning.

To temporarily pause playback, press the PAUSE (❙❙) button during playback.

• To resume playback, press the **PLAY** (▶) button again.

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

   ▪ Pirated discs will not run in this player because it violates the CSS (Content Scrambling System : a copy protection system) recommendations.

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MP3/WMA-CD PLAYBACK

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

1. Load the MP3/WMA disc.
   - The MP3/WMA menu screen will appear and playback will start.
   - The appearance of the menu depends on the MP3/WMA disc.
   - WMA-DRM files cannot be played.
2. In Stop mode, use the Cursor ▲, ▼, ◄, ► button to select the album, and then press the **ENTER** button.
   - Use the Cursor ▲, ▼ button to select the track.
3. To change the album, use the Cursor ▲, ▼, ◄, ► button to select another album in Stop mode, and then press the **ENTER** button.
4. Press the **STOP** (■) button to stop playback.
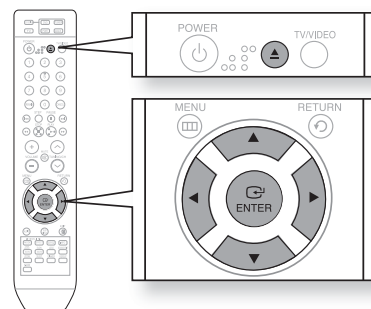
✎ ■ Depending on the recording mode, some MP3/WMA-CDs may not play.

■ Table of contents of a MP3-CD varies depending on the MP3/WMA track format recorded on the disc.

To play a file icon in the screen,

• Press the Cursor ▲, ▼, ◄, ► button when it is in Stop mode and select a desired icon from the top part of the menu.
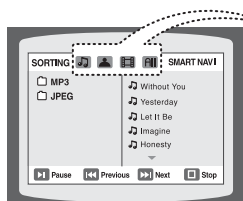
♫ **Music File Icon** : To play music files only, select the ♫ Icon.

▲ **Image File Icon** : To view image files only, select the ▲ Icon.

▦ **Movie File Icon** : To view movie files only, select the ▦ Icon.

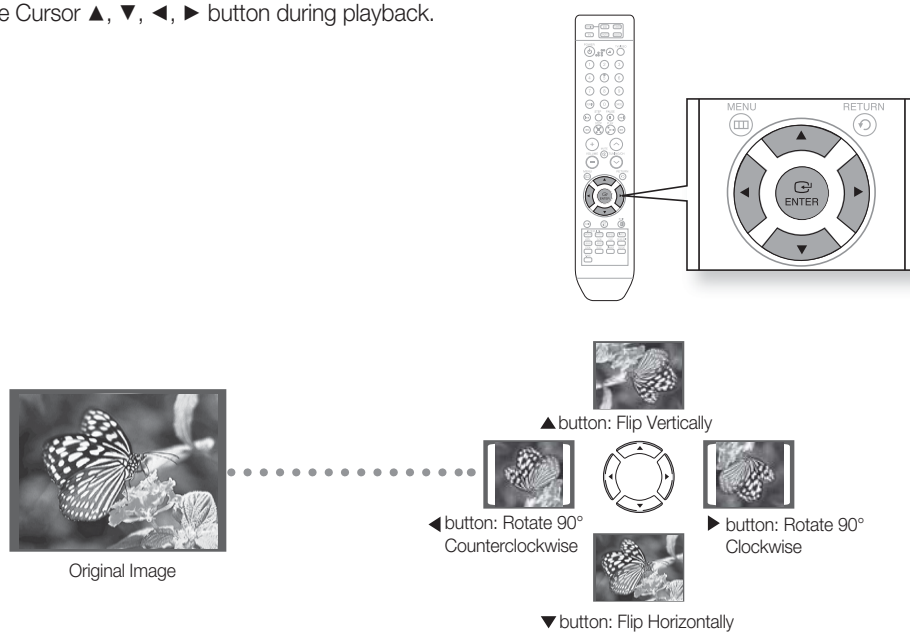All **All File Icon** : To view all files, select the All Icon.

playback

JPEG FILE PLAYBACK

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

Rotate/Flip Function

Press the Cursor ▲, ▼, ◄, ► button during playback.

▲ button: Flip Vertically

◄ button: Rotate 90°
Counterclockwise

► button: Rotate 90°
Clockwise

▼ button: Flip Horizontally

Original Image

✎ ■ The maximum resolutions supported by this product are 5120 x 3480 (or 19.0 MPixel) for standard JPEG files and 2048 x 1536 (or 3.0 MPixel) for progressive image files.

■ If a JPEG file is played when the HDMI output resolution is 720p/1080i/1080p, the mode is automatically switched to 480p.

DIVX PLAYBACK

The functions on this page apply to DivX disc playback.

Skip Forward/Back

During playback, press the ◄◄, ►►| button.
- Goes to the next file whenever you press the ►►| button, if there are over 2 files in the disc.
- Goes to the previous file whenever you press the ◄◄ button, if there are over 2 files in the disc.
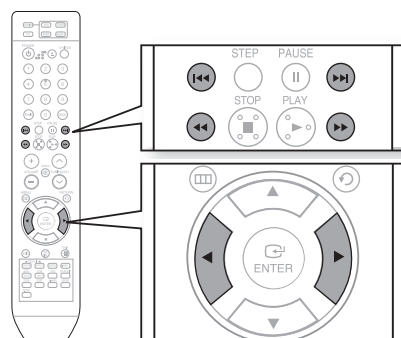
Fast Playback

During playback, press the ◄◄, ►► button.
To play back the disc at a faster speed, press the ◄◄ or ►► button during playback.
- Each time you press either button, the playback speed will change as follows:

    2x ➞ 4x ➞ 8x ➞ 32x ➞ Normal.

5 Minutes Skip function

During playback, press the Cursor ◄, ► button.
- Playback skips 5 minutes forward whenever you press the Cursor ► button.
- Playback skips 5 minutes back whenever you press the Cursor ◄ button.

Audio Display

Press the **AUDIO** button.
- If there are multiple audio languages on a disc, you can toggle between them.
- Each time you press the button, your selection will toggle between **AUDIO (1/N, 2/N ...)** and 🖑.
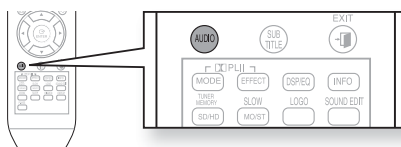
✎ ▪ 🖑 is displayed when there is one supported language in the disc.

## Subtitle Display

 Press the **SUBTITLE** button.
- Each time you press the button, your selection will toggle between **SUBTITLE (1/N, 2/N ...)** and **SUBTITLE OFF**.
- If the disc has only one subtitle file, it will be played automatically.
- See number 2 (Caption Function) below for more details concerning Subtitle usage with DivX discs.

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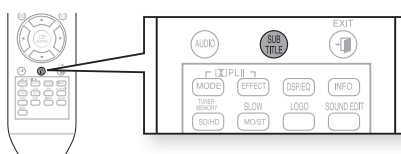
playback

If the Disc has more than One Subtitle File

If the disc has more than one subtitle file, the default subtitle may not match the movie and you will have to select your subtitle language as follows:

1. In Stop mode, press the Cursor ▲, ▼ button, select the desired subtitle (⊡) from the TV screen, and then press the **ENTER** button.

2. When you select the desired DivX file from the TV screen, the movie will be played normally.
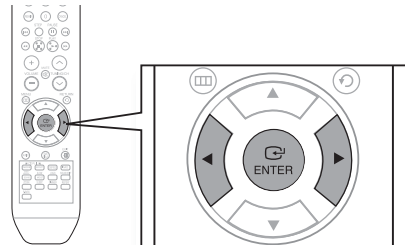
DivX(Digital internet video express)

DivX is a video file format developed by Microsoft and is based on MPEG4 compression technology to provide audio and video data over the Internet in real-time.

MPEG4 is used for video encoding and MP3 for audio encoding so that the users can watch a movie at near DVD-quality video and audio.

1. **Supported Formats**

   This product only supports the following media formats.If both video and audio formats are not supported, the user may experience problems such as broken images or no sound.

   Supported Video Formats

Format	AVI	WMV
Supported Versions	DivX3.11~DivX5.1, XviD	V1/V2/V3/V7

   Supported Audio Formats

Format	MP3	WMA	AC3	DTS
Bit Rate	80~384kbps	56~128kbps	128~384kbps	1.5Mbps
Sampling Frequency	44.1khz		44.1/48khz	44.1khz

   - DivX files, including audio and video files, created in the DTS format can only support up to 6Mbps.
   - Aspect Ratio : Although the default DivX resolution is 640x480 pixels (4:3), this product supports up to 800x600 pixels (16:9). TV screen resolutions higher than 800 will not be supported.
   - When you play a disc whose sampling frequency is higher than 48khz or 320kbps, you may experience shaking on the screen during playback.

2. **Caption Function**
   - You must have some experience with video extraction and editing in order to use this feature properly.
   - To use the caption function, save the caption file (*.smi) in the same file name as that of the DivX media file (*.avi) within the same folder.
     Example.   Root   Samsung_007CD1.avi
                           Samsung_007CD1.smi
   - Up to 60 alphanumeric characters or 30 East Asian characters (2 byte characters such as Korean and Chinese) for the file name.

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USING THE PLAYBACK FUNCTION

Displaying Disc Information
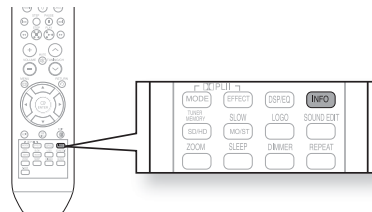
DVD CD MP3 JPEG DivX

You can view disc playback information on the TV screen.

Press the **INFO** button.

✎ ▪ 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.

DVD 🎬 01/01 ⊙001/040 ⏱ 0:00:37 🎥1/1 ▶

🖑 **appears on the TV screen!**

If this symbol appears on the TV screen when pressing a button, that operation is not possible with the disc currently being played.

Screen Display

DVD	DVD display	🎬	TITLE display	⊘	ELAPSED TIME display	🎧 LR	STEREO (L/R) display
DVD AUDIO	DVD-AUDIO display	✵	CHAPTER display	↻	REPEAT PLAYBACK display	DOLBY DIGITAL	DOLBY DIGITAL display
CD	CD display	◎	TRACK (FILE) display	🖼	AUDIO LANGUAGE display	🎥	ANGLE display
		G	GROUP display	⊟	SUBTITLE display		

Checking the Remaining Time

DVD CD MP3

Press the **REMAIN** button.
• For checking the total and remaining time of a title or chapter being played.
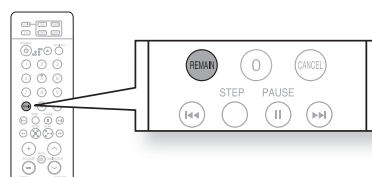
Each time the Remain button is pressed

DVD-VIDEO TITLE ELAPSED → TITLE REMAIN → CHAPTER ELAPSED → CHAPTER REMAIN

DVD-AUDIO GROUP ELAPSED → GROUP REMAIN → TRACK ELAPSED → TRACK REMAIN

CD TRACK ELAPSED → TRACK REMAIN → TOTAL ELAPSED → TOTAL REMAIN

MP3 TRACK REMAIN → TRACK ELAPSED
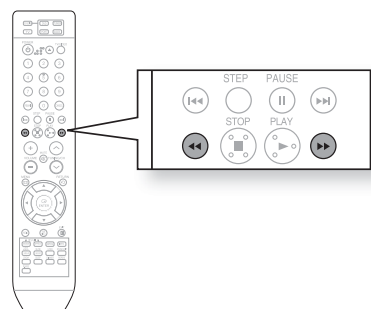
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playback

Fast Playback

DVD CD MP3 DivX

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

◄◄ ◄◄ 2X → ◄◄ 4X → ◄◄ 8X → ◄◄ 32X → ► PLAY

►► ►► 2X → ►► 4X → ►► 8X → ►► 32X → ► PLAY

- During fast playback of a CD or MP3-CD, sound is heard only at 2x speed, and not at 4x, 8x, and 32x speeds.
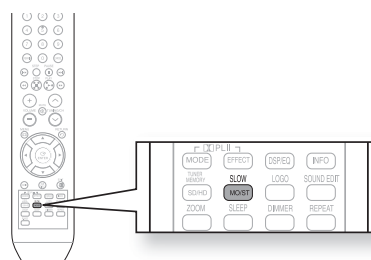
Slow Playback

DVD DivX

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

DVD ►1/2 → ►1/4 → ►1/8 → ◄1/2 → ◄1/4 → ◄1/8 → ► PLAY
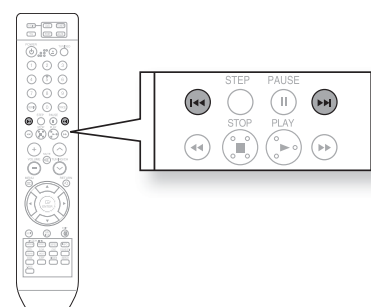
DivX ►1/2 → ►1/4 → ►1/8 → ► PLAY

- No sound is heard during slow playback.
- Reverse slow playback does not work with DivX.

Skipping Scenes/Songs

DVD MP3

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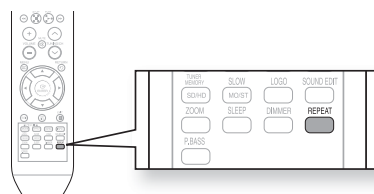- You cannot skip chapters consecutively.

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Repeat Playback

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

Press the **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

CD   REPEAT : TRACK → REPEAT : DISC → REPEAT : OFF

CD JPEG DivX   REPEAT : RANDOM → REPEAT : TRACK → REPEAT : DIR
→ REPEAT : DISC → REPEAT : OFF

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.

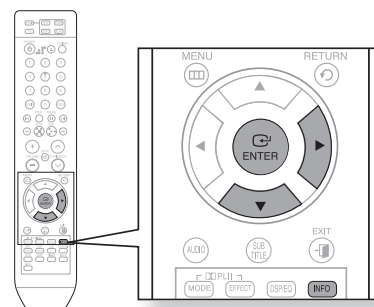## To Select a Repeat Playback Mode in the Disc Information Screen

1. Press the **INFO** button twice.
2. Press the Cursor ► button to move to REPEAT PLAYBACK (↻) display.
3. Press the Cursor ▼ button to select the desired Repeat Playback mode.
   - To select another album and track, repeat Steps 2 and 3 above.
4. Press the **ENTER** button.

DVD   OFF → A- → CHAP → TITLE → OFF

CD   OFF → A- → TRACK → DISC → OFF

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

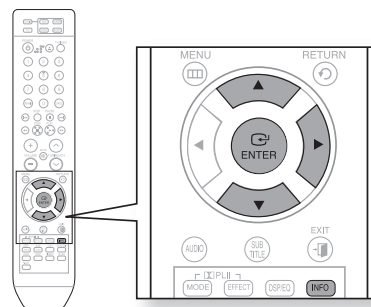# playback

A-B Repeat Playback

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

1. Press the **INFO** button twice.
2. Press the Cursor ► button to move to REPEAT PLAYBACK
    (↻) display.
3. Press the Cursor ▲, ▼ button to select A- and then press
    the **ENTER** button.
    - When the **ENTER** button is pressed, the selected position
      will be stored in memory.
4. Press the **ENTER** button at the end of the desired segment.
    - The specified segment will be played repeatedly.

    DVD ◄ 🔳 EN 1/3 🔲 🔲 OFF/ 02 ↻ A - B
    A TO B REPEAT ON

➢ To return to normal playback, press the Cursor ▲, ▼ button to select ↻ **OFF**.
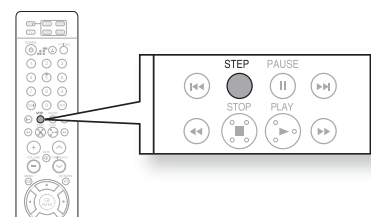
✎ ▪ The A-B Repeat function does not operate with DivX, MP3 or JPEG discs.

Step Function

Press the **STEP** button.
- The picture moves forward one frame each time the button is
  pressed during playback.

  ▶‖ STEP
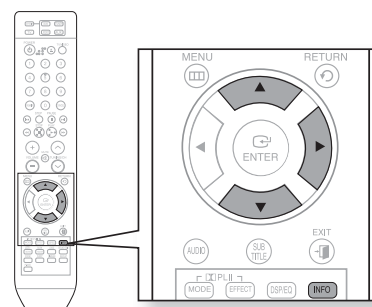
✎ ▪ No sound is heard during step motion playback.

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Angle Function

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

1. Press the **INFO** button.
2. Press the Cursor ► button to move to ANGLE (📹) display.
3. Press the Cursor ▲, ▼ button or numeric buttons to select the desired angle.
   • Each time the button is pressed, the angle changes as follows:

   📹1/3 → 📹2/3 → 📹3/3 → 📹1/3

📝 ■ The Angle function works only with discs on which multiple angles have been recorded.
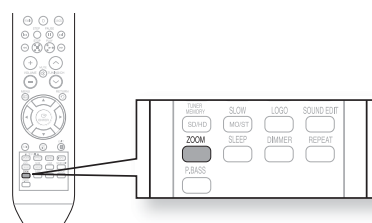
Zoom (Screen Enlarge) Function

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

1. Press the **ZOOM** button.
2. Press the Cursor ▲, ▼, ◄, ► button to move to ANGLE (📹) display.
3. Press the **ENTER** button.
   • Each time the button is pressed, the zoom level changes as follows:

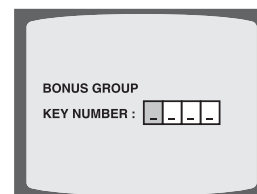   ZOOM X 1.5 → ZOOM X 2 → ZOOM X 3 → ZOOM OFF

SELECT ZOOM POSITION

playback

Bonus Group

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

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.
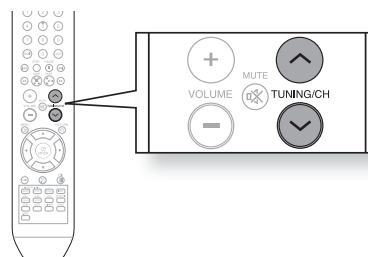
Audio Language Selection Function

1. Press the **INFO** button twice.

2. Press the Cursor ▲, ▼ button 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.

   EN 1/3 ➜ **SP 2/3** ➜ **FR 3/3** ➜ **EN 1/3**
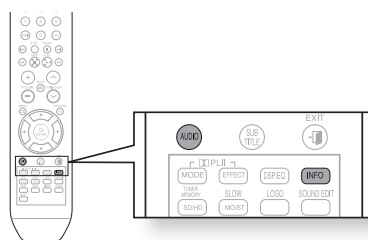
✎ ▪ To operate this function, you can also press the **AUDIO** buttons on the remote control.

   ▪ Depending on the disc, the Audio Language functions may not be available.

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