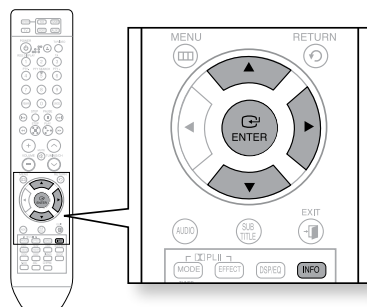


A-B Repeat Playback



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 [COPY] OFF/ 02 ↺ A - B
A TO B REPEAT ON

➤ To return to normal playback, press the Cursor **▲, ▼** button to select ↺ OFF.



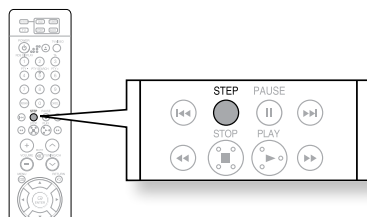
- The A-B Repeat function does not operate with DivX, MP3 or JPEG discs.

Step Function



Press the **STEP** button.

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



- No sound is heard during step motion playback.

USING THE PLAYBACK FUNCTION

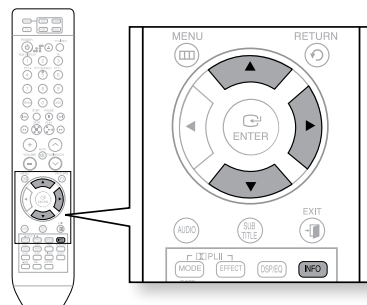
Angle Function



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.

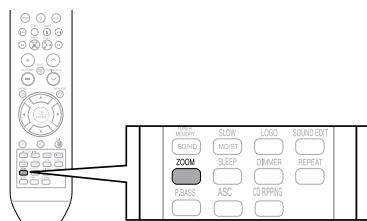
Zoom (Screen Enlarge) Function



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 the area you want to enlarge.
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**



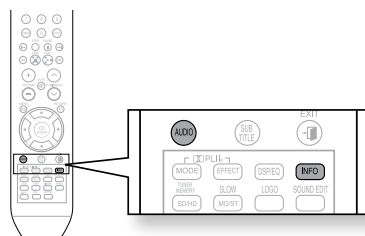
USING THE PLAYBACK FUNCTION

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

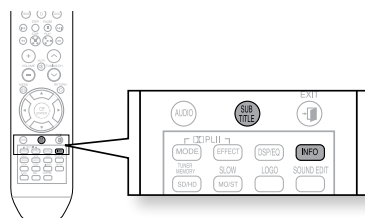


Subtitle Language Selection Function



1. Press the **INFO** button twice.
2. Press the Cursor **▶** button to move to **SUBTITLE** (icon) display.
3. Press the Cursor **▼** button or numeric buttons to select the desired subtitle.

EN 01/03 → SP 02/03 → FR 03/03 → OFF/03 →
EN 01/03

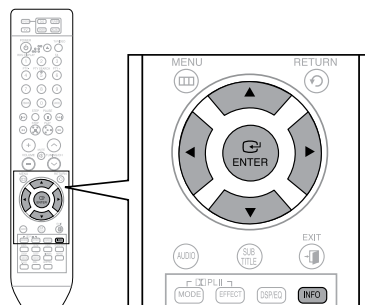


- To operate this function, you can also press the **AUDIO** or **SUBTITLE** buttons on the remote control.
- Depending on the disc, the Subtitle and Audio Language functions may not be available.

Moving Directly to a Scene/Song



1. Press the **INFO** button.
2. Press the Cursor **▲, ▼** button or numeric buttons to select the desired title/track (icon) and then press the **ENTER** button.
3. Press the Cursor **◀, ▶** button to move to the Chapter (icon) display.
4. Press the Cursor **▲, ▼** button or numeric buttons to select the desired chapter and then press the **ENTER** button.
5. Press the Cursor **◀, ▶** button to move to time (icon) display.
6. Press the numeric buttons to select the desired time and then press the **ENTER** button.



playback

Moving Directly to a Scene/Song



Press the **numeric** buttons.

- The selected file will be played.
- When playing an MP3 or JPEG disc, you cannot use the Cursor ▲,▼ button to move to a folder.
To move a folder, press the **STOP** (■) and then press the Cursor ▲,▼ button.



- You can press the ◀◀, ▶▶ button 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.

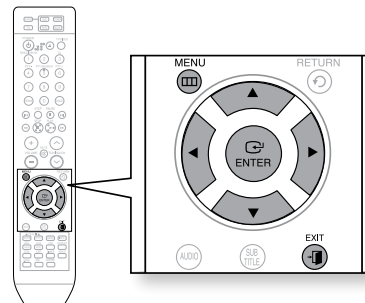
Using the Disc Menu



You can use the menus for the audio language, subtitle language, profile, etc.

DVD menu contents differ from disc to disc.

1. In Stop mode, press the **MENU** button.
2. Press the Cursor ▲,▼ button or numeric buttons to move to **Disc Menu** and then press the **ENTER** button.
 - When you select Disc Menu and it is not supported by the disc, the "**This menu is not supported**" message appears on the screen.
3. Press the Cursor ▲,▼,◀,▶ button to select the desired item.
4. Press the **ENTER** button.



➤ Press the **EXIT** button to exit the setup screen.



- The disc menu display may be different depending on the disc.

USING THE PLAYBACK FUNCTION

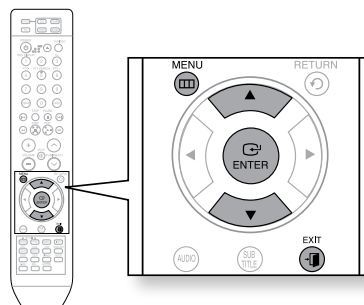
Using the Title Menu



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

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▲**, **▼** button to move to **Title Menu**.
3. Press the **ENTER** button.
 - The title menu appears.

➤ Press the **EXIT** button to exit the setup screen.



- The Title menu display may be different depending on the disc.

You can use a Bluetooth device to enjoy music with high quality stereo sound, all without wires!

What is Bluetooth?

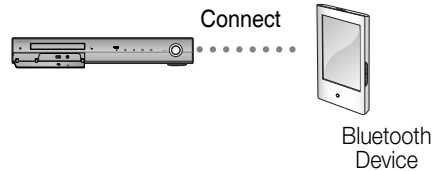
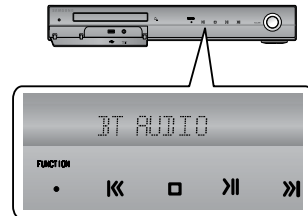
Bluetooth is a new technology that enables Bluetooth-compliant devices to easily interconnect with each other using a short wireless connection.

- A Bluetooth device may cause a noise or malfunction, depending on usage.
 - When a part of the body is in contact with the receiving/transmitting system of the Bluetooth device or the Home Cinema System.
 - Electrical variation from electrical jamming by the wall, corner or office partitioning.
 - Electrical interference from the same frequency-band devices including medical equipment, microwave oven and wireless LAN.
- Pair the Home Cinema System with the Bluetooth device while maintaining a close distance.
- The further the distance is between Home Cinema System and Bluetooth device, the worse the quality. If the distance exceeds the Bluetooth operational range, the connection is lost.
- In poor reception-sensitivity areas, the Bluetooth connection may not work properly.
- The Home Cinema System has an effective reception range of up to 10 m in all directions if there are no obstacles. The connection will be automatically cut off if the distance is out of this range. Even within this range, the sound quality may be deteriorated by obstacles such as walls or doors.

To connect the Home Cinema System to a bluetooth device

Check if the Bluetooth device supports the Bluetooth-compliant stereo headset function.

1. Press the **FUNCTION** button on the front panel of the home cinema system repeatedly until the "BT AUDIO" appears.
 - The mode switches as follows :
DVD/CD → D.IN → AUX 1 → AUX 2 → USB → (BT AUDIO) → FM.
 - You will see "WAIT" for 2 seconds and then "READY" on the front display of the Home Theater System.
2. Select the Bluetooth menu on the Bluetooth device you want to connect. (refer to Bluetooth device's user manual)
3. Select a Stereo headset menu on the Bluetooth device.
 - You will see a list of scanned devices.
4. Select "**Samsung Home Theater**" from the searched list.
 - When the Home Cinema System is connected to the Bluetooth device, the Home Cinema System will display "**Connect**" on the front display, followed by the name of the connected Bluetooth device.
 - The Home Cinema System connection is complete.
5. Play music on the connected device.
 - You can listen to the music playing on the connected Bluetooth device over the home cinema system.

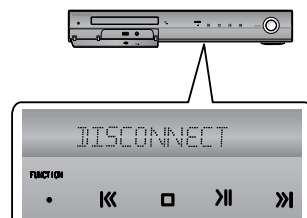


- You may be required to enter a PIN code(password) when connecting the Bluetooth device to the home cinema system. If the PIN code input window appears, enter <0000>.
- The Home Cinema System may control play related function only when connected device supports the function.
- If connected device dose not support some play related function, the Home Cinema System can't control the device.
- The Home Cinema System only supports Middle Quality SBC data(up to 237kbps@48kHz), and does not support High Quality SBC data(328kbps@44.1kHz).

To disconnect the Bluetooth device from the Home Cinema System

You can disconnect the Home Cinema System from the Bluetooth device (refer to Bluetooth devices' user manual).

- The Home Cinema System will be disconnected.
- When the Home Cinema System is disconnected from the Bluetooth device, the Home Cinema System will display "**DISCONNECT**" on the front display.



To disconnect the Home Cinema System from the Bluetooth device

Press the **FUNCTION** button on the front panel of the home cinema system to switch from "**BT AUDIO**" to another mode.

- The bluetooth device connected will wait a certain time for response from the home cinema system before terminating the connection. (Time to disconnection may differ, depending on the bluetooth device)
- The currently connected device will be disconnected.

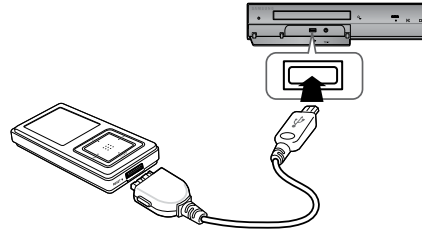


- In Bluetooth connection mode, the Bluetooth connection will be lost if the distance between the Home Cinema System and the Bluetooth device exceeds 10 m. If the distance is returned to the effective range or you restart the Bluetooth device, the Bluetooth connection can be restored.
- With some bluetooth devices, some functions may not work properly.

PLAYING MEDIA FILES USING THE USB HOST FEATURE

You can enjoy media files such as pictures, movies and music saved on an MP3 player, USB memory stick or digital camera in high quality video with 5.1 channel Home Cinema sound by connecting the storage device to the USB port of the Home Cinema.

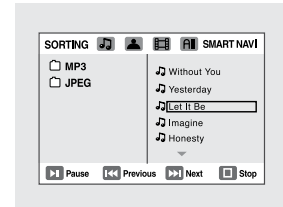
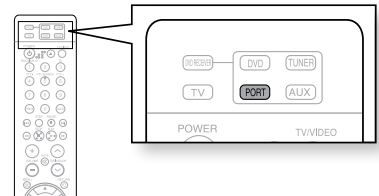
1. Connect the USB device to the USB port on the front of the unit.
2. Press the **FUNCTION** button on the DVD Player or the **PORT** button on the remote control to select the USB mode.
 - **USB** appears on the display screen and then disappears.
 - The USB MENU screen appears on the TV screen and the saved file is played.
3. To stop playback, press the **STOP** (■) button.



Safe PORT Removal

To prevent damage to the memory stored in the USB device, perform safe removal before disconnecting the USB cable.

- Press the **STOP** (■) button twice in a row. The display will show **REMOVE USB**.
- Remove the USB cable.

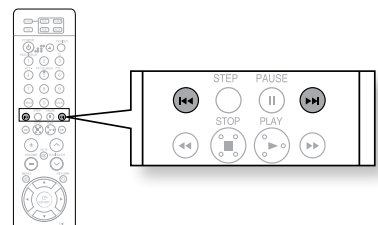


- To listen to your music files with 5.1 channel home cinema sound, you must set the Dolby Pro Logic II mode to Matrix. (See page 60)
- In USB mode, you are not able to change the resolution or use the SETUP menu if there is no USB device connected to the USB port.

Skip Forward/Back

During playback, press the **⏮, ⏭** button.

- When there is more than one file and you press the **⏭** button, the next file is selected.
- When there is more than one file and you press the **⏮** button, the previous file is selected.

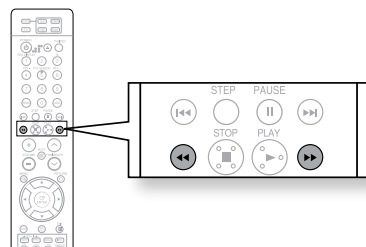


Fast playback

During playback, press the ◀▶ button.

- Each time you press either button, the playback speed will change as follows:

2x → 4x → 8x → 32x → Normal.



Compatible Devices

- USB devices that support USB Mass Storage v1.0. (USB devices that operate as a removable disc in Windows (2000 or later) without additional driver installation.)
- MP3 Player: HDD and flash type MP3 players.
- Digital camera: Cameras that support USB Mass Storage v1.0.
 - Cameras that operate as a removable disc in Windows (2000 or later) without additional driver installation.
- USB HDD and USB Flash Drive: Devices that support USB2.0 or USB1.1.
 - You may experience a difference in playback quality when you connect a USB1.1 device.
 - For a USB HDD, make sure to connect an auxiliary power cord to the USB HDD for proper operation.
- USB card Reader: One slot USB card reader and Multi slot USB card reader.
 - Depending on the manufacturer, the USB card reader may not be supported.
 - If you install multiple memory devices into a multi card reader, you may experience problems.
- If you use a USB extension cable, the USB device might not be recognized.

Supported Formats

Format	File name	File extension	Bit rate	Version	Pixel	Sampling Frequency
Still Picture	JPG	JPG .JPEG	–	–	640x480	–
Music	MP3	.MP3	80~384kbps	–	–	44.1kHz
	WMA	.WMA	56~128kbps	V8	–	44.1kHz
Movie	WMV	.WMV	4Mbps	V1,V2,V3,V7	720x480	44.1KHz~48KHz
	DivX	.AVI,.ASF	4Mbps	DivX3.11~DivX5.1, XviD	720x480	44.1KHz~48KHz

- CBI (Control/Bulk/Interrupt) is not supported.
- Digital Cameras that use PTP protocol or require additional program installation when connected to a PC are not supported.
- A device using NTFS file system is not supported. (The system supports only the FAT file system and will not play a movie larger than 1 GB in USB mode.)
- Some MP3 players, when connected to this product, may not operate depending on the sector size of their file system.
- The USB host function is not supported if a product that transfers media files by its manufacturer-specific program is connected.
- Does not operate with Janus enabled MTP (Media Transfer Protocol) devices.
- The USB host function of this product does not support all USB devices. For information on supported devices, see page 71.**

system setup

For your convenience, you can set this DVD Home Cinema's features for the best use in your home environment.

SETTING THE LANGUAGE

OSD(On-Screen Display) language is set to English by default.

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▼** button to move to **Setup** and then press the **ENTER** button.
3. Select **Language** and then press the **ENTER** button.
4. Press the Cursor **▲, ▼** button to select **OSD Language** and then press the **ENTER** button.
5. Press the Cursor **▲, ▼** button to select the desired language and then press the **ENTER** button.
 - Once the setup is complete, the OSD will be English if English has been selected as language.

- Press the **RETURN** button to return to the previous level.
- Press the **EXIT** button to exit the setup screen.

- **OSD LANGUAGE** : Selecting the OSD Language
- **AUDIO** : Selecting the Audio Language (recorded on the disc)
- **SUBTITLE** : Selecting the Subtitle Language (recorded on the disc)
- **DISC MENU** : 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.

OTHERS : To select another language, select OTHERS and enter the language code of your country (see page 70).
AUDIO, SUBTITLE and DISC MENU languages can be selected.



SETTING THE HDMI VIDEO OUT MODE

You can select <RGB> or <Y Cb Cr> mode.

1. In Stop mode, press the **MENU** button.
 2. Press the Cursor **▼** button to move to **Setup** and then press the **ENTER** button.
 3. Press the Cursor **▼** button to move to **HDMI VIDEO OUT** and then press the **ENTER** button.
 4. Press the Cursor **▲, ▼** button to select the desired item and then press the **ENTER** button.
 - Once the setup is complete, you will be taken to the previous screen.
- Press the **RETURN** button to return to the previous level.
 - Press the **EXIT** button to exit the setup screen.



SETTING TV SCREEN TYPE

Depending on your TV type (Widescreen or conventional 4:3), you can select the TV's aspect ratio.

1. In Stop mode, press the **MENU** button.
 2. Press the Cursor **▼** button to move to **Setup** and then press the **ENTER** button.
 3. Press the Cursor **▼** button to move to **TV DISPLAY** and then press the **ENTER** button.
 4. Press the Cursor **▲,▼** button to select the desired item and then press the **ENTER** button.
 - Once the setup is complete, you will be taken to the previous screen.
- Press the **RETURN** button to return to the previous level.
 ➤ Press the **EXIT** button to exit the setup screen.



Adjusting the TV Aspect Ratio (Screen Size)

The horizontal to vertical screen size ratio of conventional TVs is 4:3, while that of widescreen 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 **4:3PS** or **4:3LB** option according to personal preference. Select **WIDE/HDTV** if you have a widescreen TV.

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).



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.



WIDE/HDTV

Select this to view a 16:9 picture in the full-screen mode on your widescreen TV.

- You can enjoy the widescreen aspect.



- If a DVD is in the 4:3 ratio, you cannot view it in widescreen.
- 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.
- When using HDMI, the screen is automatically converted to Wide mode.

system setup

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 the **MENU** button.
2. Press the Cursor **▼** button to move to **Setup** and then press the **ENTER** button.
3. Press the Cursor **▼** button to move to **PARENTAL** and then press the **ENTER** button.
4. Press the Cursor **▲,▼** button to select the desired rating level and then press the **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 the **ENTER** button.
 - The password is set to "7890" by default.
 - Once the setup is complete, you will be taken to the previous screen.



- Press the **RETURN** button to return to the previous level.
- Press the **EXIT** button to exit the setup screen.

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

SETTING THE PASSWORD

You can set the password for the Parental (rating level) setting.

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▼** button to move to **Setup** and then press the **ENTER** button.
3. Press the Cursor **▼** button to move to **PASSWORD** and then press the **ENTER** button.
4. Press the **ENTER** button.
5. Enter the password and then press the **ENTER** button.
 - Enter the old password, a new password, and confirm new password.
 - The setting is complete.



 ■ The password is set to "7890" by default.

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

- While the player is in No Disc mode, hold the DVD Players **STOP** () button for longer than 5 seconds. **INITIAL** appears on the display and all settings will return to the default values.
- Press the **POWER** button.

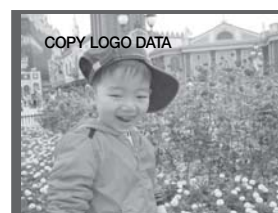
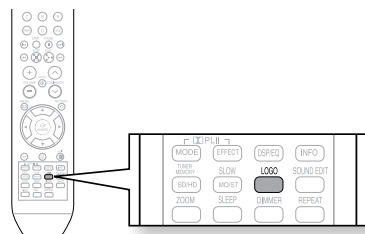
Using the RESET function will erase all stored settings.
Do not use this unless necessary.

SETTING THE WALLPAPER



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

1. During playback, press the **PAUSE** button when an image you like appears.
2. Press the **LOGO** button.
 - **COPY LOGO DATA** will be displayed on the TV screen.
3. The power will turn off and then back on.
 - The selected wallpaper will be displayed.
 - You can select up to 3 wallpaper settings.



■ This function will not work when the HDMI output is 720p, 1080i or 1080p.

TO SELECT ONE OF THE 3 WALLPAPER SETTINGS YOU'VE MADE

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▼** button to move to **Setup** and then press the **ENTER** button.
3. Press the Cursor **▼** button to move to **LOGO** and then press the **ENTER** button.
4. Press the Cursor **▲,▼** button to select the desired **USER**, and then press the **ENTER** button.
 - This selects one of the 3 wallpaper screens.
5. Press the **EXIT** button to exit the setup screen.

- **ORIGINAL** : Select this to set the Samsung Logo image as your wallpaper.
- **USER** : Select this to set the desired image as your wallpaper.

- Press the **RETURN** button to return to the previous level.
- Press the **EXIT** button to exit the setup screen.



system setup

DviX (R) Registration

Please use the Registration code to register this player with the DivX (R) video on demand format.
To learn more, go to www.divx.com/vod.

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 the **MENU** button.
 2. Press the Cursor **▼** button to move to **Audio** and then press the **ENTER** button.
 3. In the **SPEAKER SETUP**, press the **ENTER** button again.
 4. Press the Cursor **▲, ▼, ◀, ▶** button to move to the desired speaker and then press the **ENTER** button.
 - For C, SL, and SR, each time the button is pressed, the mode switches alternately as follows : **SMALL** → **NONE**.
 - For L and R, the mode is set to **SMALL**.
- **SMALL** : Select this when using the speakers.
 - **NONE** : Select this when no speaker is connected.
- Press the **RETURN** button to return to the previous level.
➤ Press the **EXIT** button to exit the setup screen.



 ■ Depending on PRO LOGIC and STEREO settings, the speaker mode may vary (see page 60).

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 the **MENU** button.
2. Press the Cursor **▼** button to move to **Audio** and then press the **ENTER** button.
3. Press the Cursor **▼** button to move to **DELAY TIME** and then press the **ENTER** button.
4. Press the Cursor **▲,▼,◀,▶** button to move to the desired speaker and then press the **ENTER** button.
5. Press the Cursor **◀,▶** to set the Delay time.
 - You can set the delay time for C between 00 and 05mSEC and for SL and SR between 00 and 15mSEC.

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

➤ Press the **EXIT** button to exit the setup screen.

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 and Rear Speakers.

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.

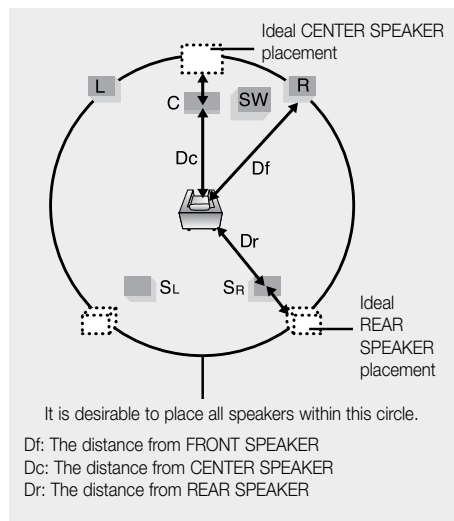
Distance between Df and Dc	0.00 m	0.34 m	0.68 m	1.06 m	1.40 m	1.76 m
Delay Time	0 ms	1 ms	2 ms	3 ms	4 ms	5 ms

Setting REAR SPEAKER

If the distance of Dc is equal to or longer than the distance of Dr in the figure, set the mode as 0ms.

Otherwise, change the setting according to the table.

Distance between Df and Dc	0.00 m	1.06 m	2.11 m	3.16 m	3.62 m	5.29 m
Delay Time	0 ms	3 ms	6 ms	9 ms	12 ms	15 ms



- With **PL II** (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.
- The Center channel is only adjustable on 5.1 channel discs.

system setup

USING THE TEST TONE

Use the Test Tone feature to check the speaker connections.

1. In Stop mode, press the **MENU** button.
 2. Press the Cursor ▼ button to move to **Audio** and then press the **ENTER** button.
 3. Press the Cursor ▼ button to move to **TEST TONE** and then press the **ENTER** button.
 - The test tone will be sent to **L → C → R → SR → SL → SW** in order.
If the **ENTER** button is pressed again at this time, the test tone will stop.
- Press the **RETURN** button to return to the previous level.
- Press the **EXIT** button to exit the setup screen.

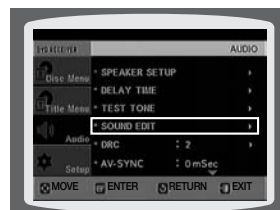


SETTING THE AUDIO

You can adjust the balance and level for each speaker.

1. In Stop mode, press the **MENU** button.
2. Press the Cursor ▼ button to move to **Audio** and then press the **ENTER** button.
3. Press the Cursor ▼ button to move to **SOUND EDIT** and then press the **ENTER** button.
4. Press the Cursor ▲,▼ button to select and adjust the desired item. Press the Cursor ◀,▶ button to adjust the settings.

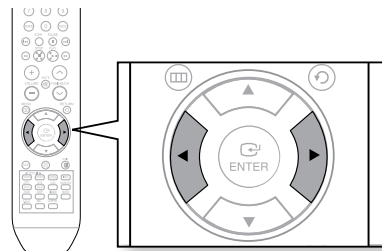
- Press the **RETURN** button to return to the previous level.
- Press the **EXIT** button to exit the setup screen.



SETTING THE AUDIO

Manually Adjusting the Speaker Volume and Balance with the SOUND EDIT Button.

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



Adjusting Front/Rear Speaker Balance

- You can select between 00, -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.

SETTING THE DRC (DYNAMIC RANGE COMPRESSION)

This feature balances the range between the loudest and quietest sounds. You can use this function to enjoy Dolby Digital sound when watching movies at low volume at night.

1. In Stop mode, press the **MENU** button.
 2. Press the Cursor ▼ button to move to **Audio** and then press the **ENTER** button.
 3. Press the Cursor ▼ button to move to **DRC** and then press the **ENTER** button.
 4. Press the Cursor ▲,▼ to adjust the **DRC**.
 - When the Cursor ▲ button is pressed, the effect is greater, and when the Cursor ▼ button is pressed, the effect is smaller.
- Press the **RETURN** button to return to the previous level.
- Press the **EXIT** button to exit the setup screen.



system setup

SETTING THE AV SYNC

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

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▼** button to move to **Audio** and then press the **ENTER** button.
3. Press the Cursor **▼** button to move to **AV-SYNC** and then press the **ENTER** button.
4. Press the Cursor **▲,▼** button 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 to the optimal status.

- Press the **RETURN** button to return to the previous level.
- Press the **EXIT** button to exit the setup screen.



SETTING THE HDMI AUDIO

The audio signals transmitted over the HDMI Cable can be toggled ON/OFF.

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▼** button to move to **Audio** and then press the **ENTER** button.
3. Press the Cursor **▼** button to move to **HDMI AUDIO** and then press the **ENTER** button.
4. Press the Cursor **▲,▼** button to select **ON** or **OFF** and then press the **ENTER** button.

- **ON** : Both video and audio signals are transmitted over the HDMI connection cable, and audio is output through your TV speakers only.
- **OFF** : Video is transmitted over the HDMI connection cable only, and audio is output through the home cinema speakers only.

- Press the **RETURN** button to return to the previous level.
- Press the **EXIT** button to exit the setup screen.



- The default setting of this function is HDMI AUDIO OFF.
- HDMI AUDIO is automatically down-mixed to 2ch for TV speakers.

SOUND FIELD (DSP)/EQ FUNCTION

DSP(Digital Signal Processor) : DSP modes have been designed to simulate different acoustic environments.
EQ : You can select ROCK, POP, or CLASSIC to optimize the sound for the genre of music you are playing

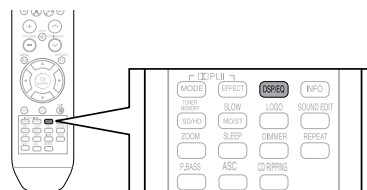
Press the DSP/EQ button.

- **DSP** appears on the display panel.

Each time the button is pressed, the selection changes as follows:

POPS → JAZZ → ROCK → STUDIO → CLUB → HALL → MOVIE → CHURCH → PASS

- **POPS, JAZZ, ROCK** : Depending on the genre of music, you can select POP, JAZZ, and ROCK.
- **STUDIO** : Provides a sense of presence as if in a studio.
- **CLUB** : Simulates the sound of a dance club with a throbbing bass beat.
- **HALL** : Provides a clear vocal as if listening in a concert hall.
- **MOVIE** : Provides the feeling of a movie cinema.
- **CHURCH** : Gives the feel of being in a grand church.
- **PASS** : Select this for normal listening.



- The DSP/EQ function is only available in STEREO mode.
Press the **PL II mode** button to show STEREO on the display.
- This feature works with CDs, MP3-CDs, 2 channel DVD-Audio, DivX, tuner and Dolby Digital discs.
- When playing a DVD disc encoded with two or more channels, multi-channel mode will be selected automatically and DSP/EQ function does not work.

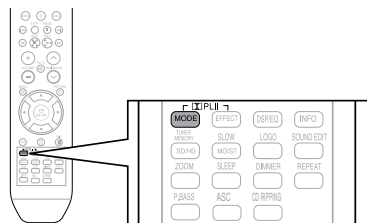
DOLBY PRO LOGIC II MODE

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

Press the **PL II MODE** button.

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

**MUSIC → CINEMA → PRO LOGIC → MATRIX →
STEREO → MUSIC**



PRO LOGIC II

- **MUSIC** : When listening to music, you can experience sound effects as if you are listening to the actual 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 sound from the front left and right speakers and the subwoofer only.



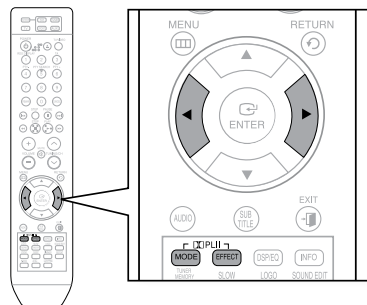
- When selecting Pro Logic II mode, connect your external device to the AUDIO INPUT jacks (L and R) on the player. If you connect to only one of the inputs (L or R), you cannot listen to surround sound.

system setup

DOLBY PRO LOGIC II EFFECT

This function works only in Dolby Pro Logic MUSIC mode.

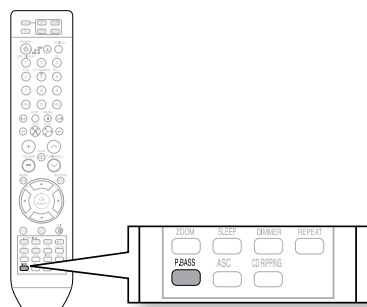
1. Press the **PL II MODE** button to select **MUSIC** mode.
2. Press the **PL II EFFECT** button.
3. Press the **◀▶** buttons to select the desired effect setting.
 - PANORAMA : You can select either 0 or 1.
 - C- WIDTH : You can select between 0 and 7.
 - DIMENS : You can select between 0 and 6.



P.BASS

P.BASS function boosts the bass for a more powerful sound.

1. Press the **P.BASS** button to select P.BASS mode.
2. Press the **P.BASS** button again to turn off the P.BASS mode.



- The P.BASS function is only available with 2 channel LPCM sources such as mp3, Divx, cd and wma. Press P.BASS button and "POWER BASS ON" will be displayed on the screen.
- The P.bass does not work with DSP/EQ or DOLBY PRO LOGIC II modes. If you press P.BASS in the DSP/EQ mode, the DSP/EQ mode is automatically shut off and the P. BASS function comes on.