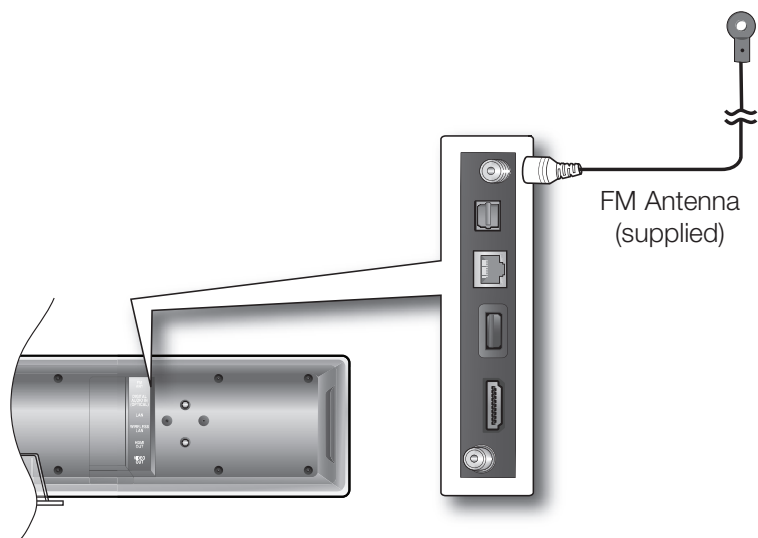



Connections

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.



-  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.)

Basic functions of your Blu-ray Home Theater

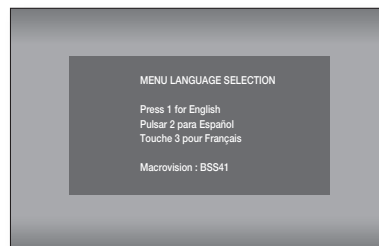
This section introduces basic playback functions and playback by disc type.

BEFORE PLAYING

- Turn on your TV and set it to the correct Video Input (the input the Blu-ray Home Theater is connected to).
- If you connected an external Audio System, turn on your Audio System and set it to the correct Audio Input.

After plugging in the player, the first time you press the **POWER** button, this screen comes up:

If you want to select a language, press a **NUMBER** button. (This screen will only appear when you plug in the player for the first time.) If the language for the startup screen is not set, the settings may change whenever you turn the power on or off. Therefore, make sure that you select the language you want to use. Once you select a menu language, you can change it by pressing the **STOP** (■) button on the front panel of the unit for more than 5 seconds with no disc in the unit. Then the MENU LANGUAGE SELECTION window appears again where you can reset your preferred language.



■ Discs which can be played on this player (For the following discs, the ability to play back may depend on recording conditions.)

- BD-ROM
- BD-RE
- BD-R
- DVD-R
- DVD-RW (V mode)
- CD-RW/CD-R
- The unit may not play certain CD-RW/CD-R and DVD-R due to the disc type or recording conditions.

■ Discs which cannot be played on this player.

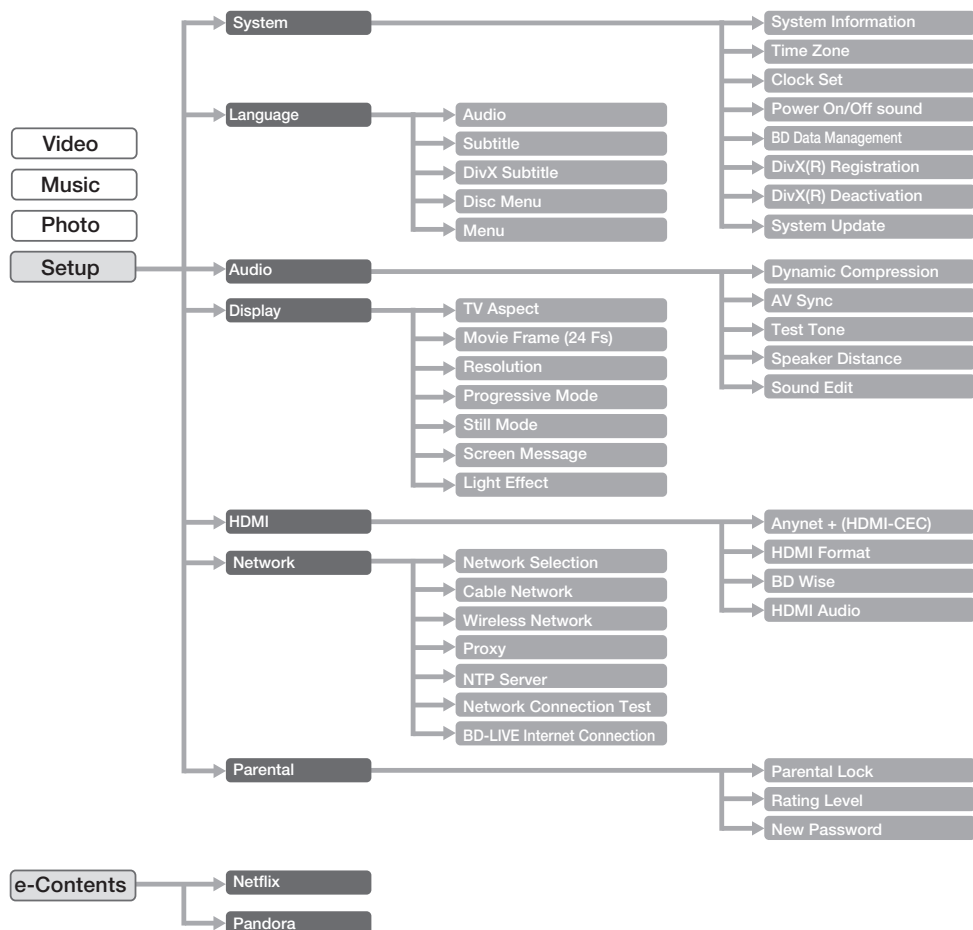
- HD DVD
- DVD+RW
- DVD+R
- DVD-ROM
- DVD-RAM
- CDV
- CD-ROM
- CVD
- CD-I
- Super Audio CD(except CD layer)
- CDGs play audio only, not graphics.

■ Blu-ray is a new and evolving format. Accordingly, disc compatibility issues with new and existing format discs are possible. Not all discs are compatible and not every disc will playback.

For additional information, refer to the Disc Type and Characteristics and Compliance and Compatibility Notice sections of this Manual. If you encounter compatibility problems, please contact SAMSUNG customer care center.

Basic functions of your Blu-ray Home Theater

ON-SCREEN MENU NAVIGATION



PLAYING A DISC

1. Press **EJECT** button to open the compartment.
2. Load a disc vertically into the disc slot.
 - Place a disc gently into the slot with the disc's label facing up.
 - Playback starts automatically.



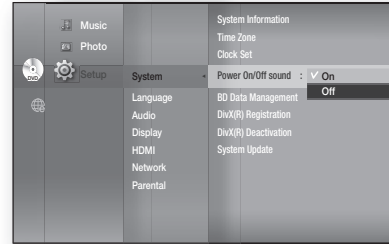
- When you stop disc play, the player remembers where you stopped, so when you press **PLAY** button again, it will pick up where you left off. This is called the "Resume" function. With some Blu-ray discs(BD-J), this function may not work.
- Press the **STOP** button twice during playback to disable the Resume function.
- To pause the playback, press the **PAUSE** button during playback. To resume, press the **PLAY** button.
- If the player is left in the stop mode more than 5 minutes without any user interface, a screen saver will appear on your TV. If the player is left in the screen saver mode for more than 30 minutes, the power will automatically turn off except during playback of an CD-DA (Automatic Power-Off Function).
- If no buttons are pressed on the unit or remote control for more than 5 minutes when the unit is in Pause mode, operation will stop (except for some Blu-ray Discs).

SETTING THE SOUND

Setting the Power On / Off Melody Sound

A Melody sound can be set so it is heard each time you turn the player on or off.

1. With the unit in Stop mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **System**, then press the **ENTER** or **▶** button.
4. Press the **▲▼** buttons to select **Power On/Off sound**, then press the **ENTER** or **▶** button.
5. Press the **▲▼** buttons to select **On** or **Off**, then press the **ENTER** or **▶** button.
6. Press the **MENU** button to exit the setup menu.



USING THE SEARCH AND SKIP FUNCTIONS

During play, you can search quickly through a chapter or track, and use the skip function to jump to the next selection.

Searching through a Chapter or Track



During playback, press the **SEARCH** (◀▶) button.

Each time you press the **SEARCH** button, the playback speed will change as follows.

BD-ROM, BD-RE, BD-R, DVD-VIDEO, DVD-RW, DVD-R	▶▶ X 2 → ▶▶ X 4 → ▶▶ X 8 → ▶▶ X 16 → ▶▶ X 32 → ▶▶ X 128
	◀◀ X 2 → ◀◀ X 4 → ◀◀ X 8 → ◀◀ X 16 → ◀◀ X 32 → ◀◀ X 128

- You can scan the program in reverse.
- To return to normal speed playback, press the **PLAY** button.



■ No sound is heard during search mode.

Skipping Tracks



During playback, press the **SKIP** (⏮ ⏭) button.

When playing a Blu-ray Disc/DVD, if you press the **SKIP** (⏭) button, it moves to the next chapter.

If you press the **SKIP** (⏮) button, it moves to the beginning of the chapter. One more press makes it move to the beginning of the previous chapter.

Basic functions of your Blu-ray Home Theater

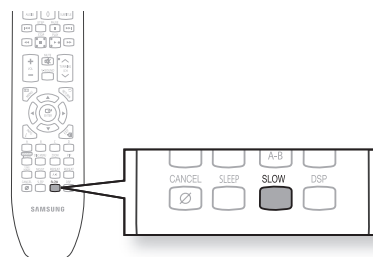
SLOW MOTION PLAY/STEP MOTION PLAY

Slow Motion Play



In pause or step mode, press the **SLOW** button on the remote control for Slow Motion play.

- If you press the **SLOW** button, **1/8** **1/4** **1/2**
- To return to normal speed playback, press the **PLAY** (⏪) button.



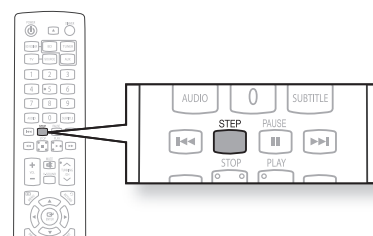
- This (⊘) icon indicates an invalid button press.
- No sound is heard during slow mode.
- Slow motion operates only in the forward direction.

Step Motion Play



Press the **STEP** button on the remote control during play for Step Motion play.

- Each time the button is pressed a new frame will appear.
- When the **STEP** button is pressed, the next frame will be activated.
- Press the **PLAY** (⏪) button to resume normal play.



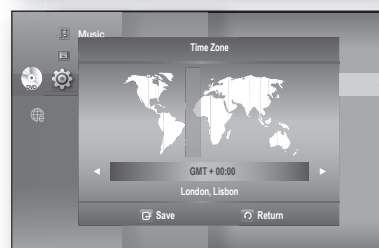
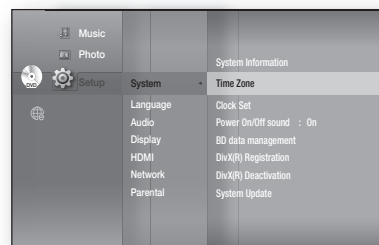
- No sound is heard during step mode.
- Step motion operates only in the forward direction.


System setup

SETTING THE CLOCK

Choose your time zone

1. With the unit in Stop mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **System**, then press the **ENTER** or **▶** button.
4. Press the **▲▼** buttons to select **Time Zone**, then press the **ENTER** or **▶** button.
5. Use the **◀▶** button to place the cursor to the appropriate time zone for your area and press the **ENTER** button.

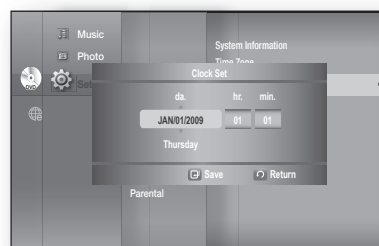
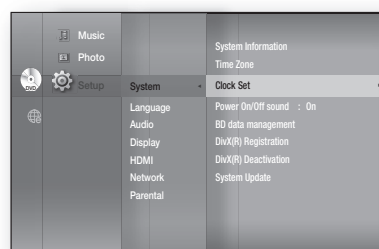


 To set the time automatically, set the NTP server to **On** (see page 53).

Set the clock

To setup, follow steps 1 through 3 above.

4. Press the **▲▼** buttons to select **Clock Set**, then press the **ENTER** or **▶** button.
5. Press the **◀▶** buttons to move to “**da.**”(date), “**hr**” (hour), “**min**” (minute). Set the date and time by pressing the **▲▼** buttons, then press the **ENTER** button.



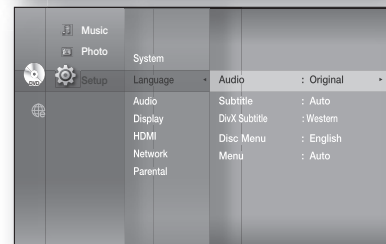
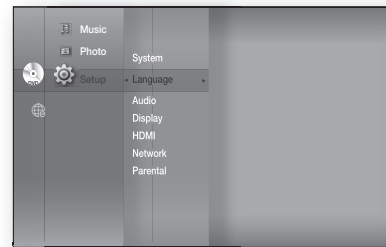
Language setup

SETTING UP THE LANGUAGE OPTIONS

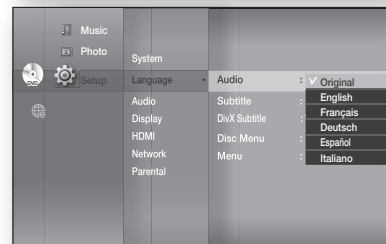
Once you set the audio, subtitle, disc menu and player menu language options, they will be applied automatically every time you watch a movie.

- ✍️ ■ If you want to choose a different audio and subtitle language while playing a disc, you can also use the disc menu to make the selection.

1. With the unit in Stop mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **Language**, then press the **ENTER** or **▶** button.
Language setup menu will be displayed.



4. Press the **▲▼** buttons to select the desired language option, press the **ENTER** or **▶** button.



- **Audio** : For the disc audio language.
- **Subtitle** : For the disc subtitles.
- **DivX Subtitle** : For the DivX subtitle language by region.

Western	Afrikaans, Basque, Catalan, Danish, Dutch, English, Faeroese, Finnish, French, German, Icelandic, Indonesian, Italian, Malay, Norwegian, Portuguese, Spanish, Swahili, Swedish
Central	English, Albanian, Croatian, Czech, Hungarian, Polish, Romanian, Serbian(Latin), Slovak, Slovenian
Greek	English, Greek
Cyrillic	English, Azeri, Belarusian, Bulgarian, Kazakh, Macedonian, Russian, Serbian, Tatar, Ukrainian, Uzbek

- **Disc Menu** : For the disc menu contained on the disc
- **Menu** : For the on-screen menu of your Blu-ray Home Theater.

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

- ✍️ ■ Press the **RETURN** or **◀** button to return to the previous menu. Press the **MENU** button to exit the menu.
 - The selected language will only appear if it is supported on the disc.
 - If the subtitle language is displayed in broken fonts, change DivX Subtitle to the appropriate region. If it still does not work, the format is not supported.

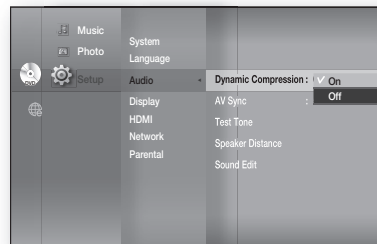
Audio setup

SETTING UP THE SPEAKER OPTIONS

Dynamic Compression

This is only active when a Dolby Digital signal is detected.

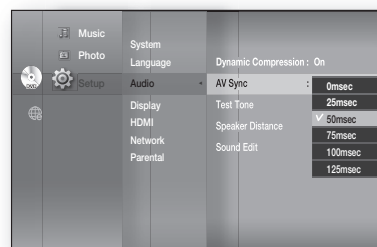
- **On** : When Movie soundtracks are played at low volume or from smaller speakers, the system can apply appropriate compression to make low-level content more intelligible and prevent dramatic passages from getting too loud.
- **Off** : You can enjoy the movie with the standard Dynamic Range.



AV Sync

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

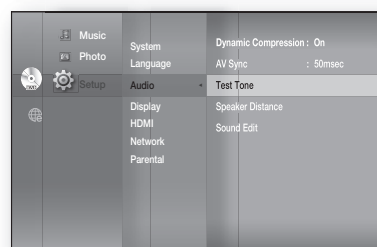
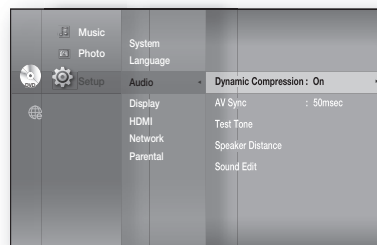
- You can set the audio delay time between 0 ms and 300 ms. Set it to the optimal status.



Setting the Test Tone

Use the Test Tone feature to check the speaker connections.

1. With the unit in Stop mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **Audio**, then press the **ENTER** or **▶** button.
 - Audio setup menu will be displayed.
4. Press the **▲▼** buttons to select **Test Tone**, then press the **ENTER** or **▶** button.
5. Press the **RED(A)** button
 - A test tone will be sent to **L → R → LFE** in order so you can make sure the speakers are set up correctly.
6. To end the test tone, press the **RED (A)** button again.



- Press the **RETURN** button to return to the previous menu.
- When playing a BD/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.
- When HDMI AUDIO is on (audio is produced through TV speakers), the TEST TONE function is not available.

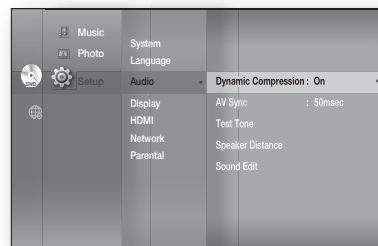
Audio setup

SETTING UP THE SPEAKER OPTIONS

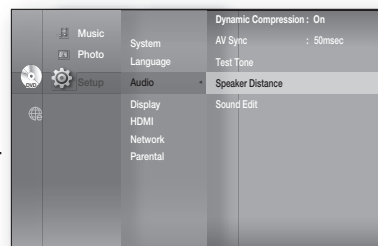
Setting the Speaker Distance

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 front, subwoofer speakers.

1. With the unit in Stop mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **Audio**, then press the **ENTER** or **▶** button.
 - Audio setup menu will be displayed.



4. Press the **▲▼** buttons to select **Speaker Distance**, then press the **ENTER** or **▶** button.
5. Press the **▲▼** buttons to select the desired Speaker, then press the **◀▶** buttons to set the Speaker Distance.
 - You can set the Speaker Distance between 1ft(0.3m) and 30ft(9m).
6. When done, use the **▲▼◀▶** buttons to select **Save**, then press the **ENTER** button.
If you don't want to save your settings, use the **▲▼◀▶** buttons to select **Cancel**, then press the **ENTER** button.

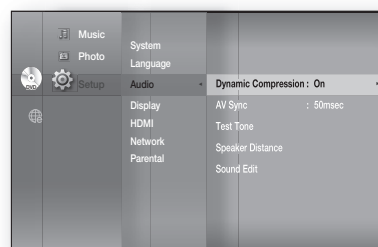


-  Press the **RETURN** button to return to the previous menu.

Setting the Sound Edit

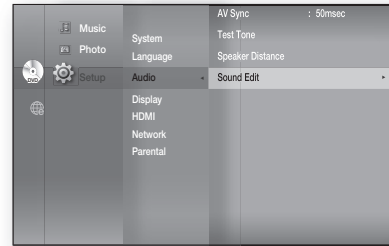
You can adjust the balance and level for each speaker.

1. With the unit in Stop mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **Audio**, then press the **ENTER** or **▶** button.
 - Audio setup menu will be displayed.



Setting the Sound Edit

4. Press the ▲▼ buttons to select **Sound Edit**, then press the **ENTER** or ► button.
5. Press the ▲▼ buttons to select the desired Speaker, then press the ◀▶ button to adjust the settings.
6. When done, use the ▲▼◀▶ buttons to select **Save**, then press the **ENTER** button.
If you don't want to save your settings, use the ▲▼◀▶ buttons to select **Cancel**, then press the **ENTER** button.



- Press the **RETURN** button to return to the previous menu.

Adjusting Front Speaker Balance

- You can select between 0, -6, and OFF.
- The volume decreases as you move closer to -6.

Adjusting 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.

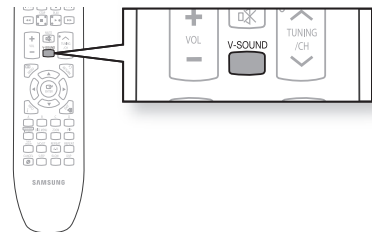
V-SOUND (Virtual Sound)

Produces realistic sound through 2-channel audio with the aid of virtual effects, this gives the user the feeling they are listening to 5.1 channel audio.

Press the **V-SOUND** button.

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

V.SOUND ON → **V.SOUND OFF**



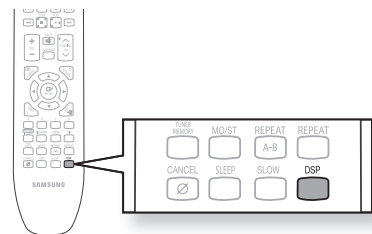
DSP Function

Press the **DSP** button.

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

SMART SOUND → **AUDIO UPSCALING** →

POWER BASS → **DSP MODE OFF**



- **SMART SOUND** : This will regulate and stabilize the volume level against a drastic volume change when changing channels or during a scene transition.
- **AUDIO UPSCALING** : This also helps enhance your sound experience (ex. mp3 music). You can upscale your MP3 level sound(24 kHz, 8bit) to CD level sound(44.1 kHz, 16bit).
- **POWER BASS** : POWER BASS function stresses low tones providing thudding sound effects.

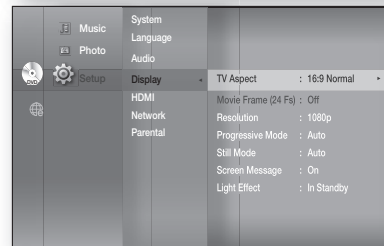
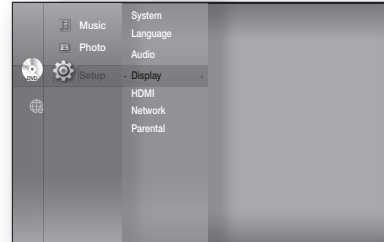
Display setup

SETTING UP THE DISPLAY OPTIONS

This function allows you to setup the TV screen settings. This function depends on the disc or TV type. It may not work with some discs or TVs.

1. With the unit in Stop mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **Display**, then press the **ENTER** or **▶** button.
Video setup menu will be displayed.
4. Press the **▲▼** buttons to select the desired display option from the options on the following pages.
5. Press the **▲▼** buttons to select the desired sub-menu item from a video display option, then press the **ENTER** button.
6. Each video option is described in detail below.

-  Press the **RETURN** or **◀** button to return to the previous menu. Press the **MENU** button to exit the menu.



TV Aspect

Depending on the type of television you have, you may want to adjust the screen setting. (aspect ratio)



- **4:3 Letter Box :**
Select when you want to see the total 16:9 ratio screen a Blu-ray Disc/DVD supplies, even though you have a TV with a 4:3 ratio screen. Black bars will appear at the top and bottom of the screen.



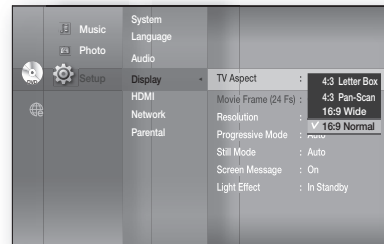
- **4:3 Pan-Scan :**
Select when you want to see the 16:9 video supplied by the Blu-ray Disc/DVD without the black bars on top and bottom, even though you have a TV with a 4:3 ratio screen (extreme left and right portion of the movie picture will be cut off).




- **16:9 Wide :**
You can view the full 16:9 picture on your widescreen TV.



- **16:9 Normal :**
Certain movies (4:3 source) will be displayed in 4:3 Pillarbox (black bars on sides of picture) if 16:9 normal is selected.



-  Depending on the disc type, some aspect ratios may not be available.
- If you select an aspect ratio which is different than the aspect ratio of your TV screen, then the picture might appear to be distorted.

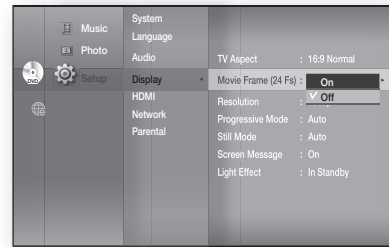
Movie Frame (24 Fs)

Movies are usually filmed at 24 frames per second. Some Blu-ray Discs have the capability of playing back at this frame rate. Setting the Movie Frame (24Fs) feature to ON allows you to adjust the Blu-ray Home Theater's HDMI output to 24 frames per second for improved picture quality.

You can enjoy the Movie Frame (24Fs) feature only on a TV supporting this frame rate.

This menu can only be selected in 1080i or 1080p HDMI output resolution modes.

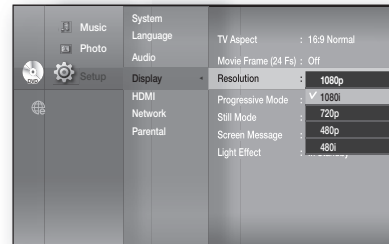
Depending on the disc, two types of frame rates may be included: Movie material (24 frame) and Video material (30 frame). When the setting switches between Movie (24 frame) and Video (30 frame), the screen may blink for a few seconds.



Resolution

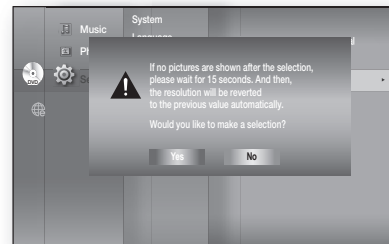
Sets the output resolution of the HDMI and Composite video signal.

- The number in 480i, 480p, 720p, 1080p and 1080i indicates the number of lines of video. The i and p indicate interlaced and progressive scan, respectively.
 - BD Wise : Automatically sets the optimal resolution when connected via HDMI to a TV with the BD Wise feature. (The BD Wise menu item appears only if BD Wise is set to On.)
 - 1080p : Outputs 1080 lines of progressive video (HDMI only).
 - 1080i : Outputs 1080 lines of interlaced video.
 - 720p : Outputs 720 lines of progressive video.
 - 480p : Outputs 480 lines of progressive video.
 - 480i : Outputs 480 lines of interlaced video (Composite only).



If the connected TV does not support Movie Frame or the selected resolution, you will see the following message:

If you select **Yes** and the resolution is not supported, the TV's screen will be blank. Please wait for 15 seconds and the resolution will revert to the previous value automatically.



- If the screen is blank, press and hold the **STOP** (■) button on the front of the player for more than 5 seconds (no disc inserted). All settings are restored to the factory default. Follow the steps on the previous page to access each mode and select the Display Setup that your TV will support.
- When the factory default settings are restored, all the user data stored in the BD data will be deleted.

Display setup

SETTING UP THE VIDEO DISPLAY/OUTPUT OPTIONS

Resolution according to the output mode

- Blu-ray Disc playback

Setup \ Output	HDMI	COMPOSITE
1080p, Movie Frame(24Fs) off	1080p@60F	480i
1080p/1080i, Movie Frame (24Fs) on	1080p@24F	480i
1080i, Movie Frame (24Fs) off	1080i	480i
720p	720p	480i
480p	480p	480i
480i	480p	480i

- DVD playback

Setup \ Output	HDMI	COMPOSITE
1080p	1080p@60F	480i
1080i	1080i	480i
720p	720p	480i
480p	480p	480i
480i	480p	480i

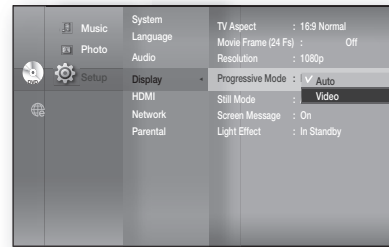


- This player has the HDMI Auto Detect Feature. When the player is first connected to a TV via HDMI, the player's output will be set automatically to HDMI.
- If the HDMI Auto Detection feature does not work, you can't select the 1080p resolution or Movie Frame (24Fs).
- The Blu-ray Disc must have the 24 frame feature in order to use the Movie Frame (24Fs) mode.

Progressive Mode

The Progressive Mode helps to improve picture quality when viewing 480i resolution DVD discs.

- **Auto** : Select this to have the player automatically set the best picture for the DVD you're watching.
- **Video** : Select this for the best picture from Concert or TV show DVDs.

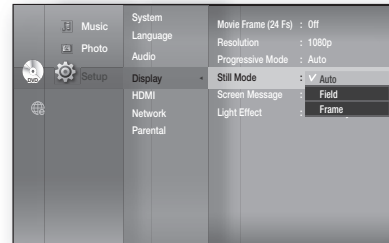


Frame & Field bar

Still Mode

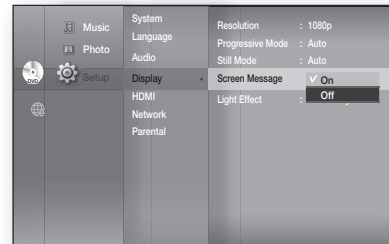
Set the Auto, Field or Frame setting for the best possible still picture (pause mode) from a DVD.

- **Auto**: Select this setting to have the player automatically display the best Still picture depending on the content.
- **Field Mode**: Select this when pausing a scene with a lot of action.
- **Frame Mode**: Select this to increase the resolution of the Still picture.



Screen Message

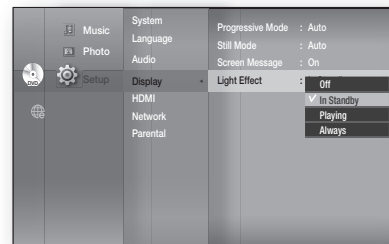
- **On** : Displays messages related to operation mode.
- **Off** : Does not display messages related to operation mode.



Light Effect

Light Effect mode adds moody lighting under the main unit.

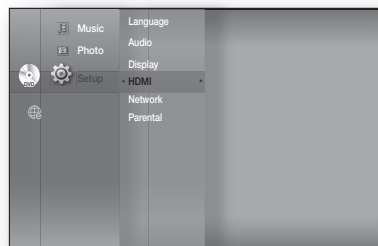
- **Off** : Always off
- **In Standby** : Lights on while in stand-by
- **Playing** : Off in stand-by mode, lights on while playing
- **Always** : Always on



HDMI setup

SETTING UP THE HDMI SETUP OPTIONS

1. With the unit in Stop mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **HDMI**, then press the **ENTER** or **▶** button.
HDMI setup menu will be displayed.
4. Press the **▲▼** buttons to select the desired display option, then press the **ENTER** or **▶** button.



-  ■ Press the **RETURN** or **◀** button to return to the previous menu. Press the **MENU** button to exit the menu.

Anynet+ (HDMI-CEC)

Samsung products only

What is Anynet+?

Anynet+ is a convenient function that offers linked operations with other Samsung products with the Anynet+ feature.





You can operate this unit using a Samsung TV remote control or power on your Samsung TV and Home theater and start disc playback simply by pressing the **PLAY** button on the TV's remote.

-  ■ This function is not available if the HDMI cable does not support CEC.

To use Anynet+

1. Connect the Blu-ray Home Theater to a Samsung TV with an HDMI cable. (See pages 22~23)
2. Set the Anynet+ function on your TV. (See the TV instruction manual for more information.)

Anynet+ Functions

- One touch play
You can power on your Samsung TV and Home Theater, and play the disc in this unit simply by pressing the **PLAY** button on the TV's remote.
- One touch watching
Select "Watching Blu-ray Home Theater" or "Connected to Blu-ray Home Theater" (depending on your TV's menu) in the Anynet+ menu on the TV. The Blu-ray Home Theater will automatically turn on and the TV will be switched to HDMI mode.
- Remote control Link
You can operate this player with your Samsung TV remote control.
- Available buttons on the Samsung TV remote: These buttons work the same as this Blu-ray Home Theater's remote control.
 - Playback control buttons : 
 - Menu operation button : 
 - Numeric buttons : 
 - Color buttons : 

TV Anynet+ Menu

When you press the Anynet+ button on your Samsung TV's remote control, the following On-Screen Display (OSD) will be shown.

- Blu-ray Home Theater Menu
 - When playing a movie : brings up the disc's menu (same as **DISC MENU** button on the Blu-ray Home Theater's remote control)
 - In Stop mode : brings up the SETUP menu (same as the **MENU** button on the Blu-ray Home Theater's remote control.)
- Blu-ray Home Theater Operation Menu
 - When playing a DVD VIDEO, DVD-RW/-R, BD-ROM, BD-RE : shows INFO OSD (same as **INFO** button on the player's remote control)

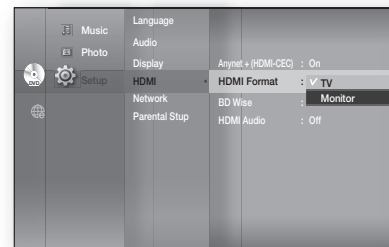


- These menus may look different depending on your Samsung TV.

HDMI Format

You can optimize the HDMI output for connection to a TV or Monitor.

- **TV** : Select if connected to a TV via HDMI.
- **Monitor** : Select if connected to a Monitor via HDMI.
If the player is connected to a TV, the Monitor option is unavailable.



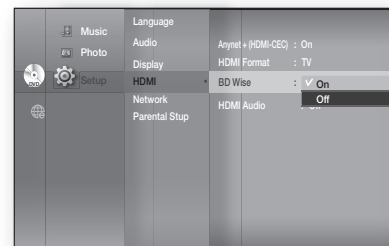
- TV or monitor has to be connected to the player before you select this option.

BD Wise

Samsung products only

BD Wise is Samsung's latest inter-connectivity feature. When you connect Samsung products with BD-Wise to each other via HDMI, the optimum resolution will be set automatically.

- **On** : The original resolution of the BD/DVD disc will be output to the TV direct.
- **Off** : The output resolution will be fixed according to the Resolution previously set, regardless of the resolution of the disc.



- If you want to change the resolution when you set BD Wise on, you must set BD Wise to Off in advance.
- If you set BD Wise to off, the resolution of the connected TV will be automatically adjusted to its maximum resolution.
- If the player is connected to a device that does not support BD Wise, you can not use the BD wise function.
- For a proper operation of BD Wise, set BD Wise to ON in the menus of the player and the TV.

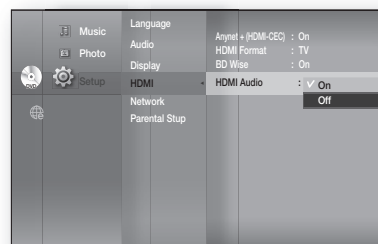
HDMI setup

SETTING UP THE HDMI SETUP OPTIONS

HDMI Audio

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

- **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 Blu-ray Home Theater speakers only.



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

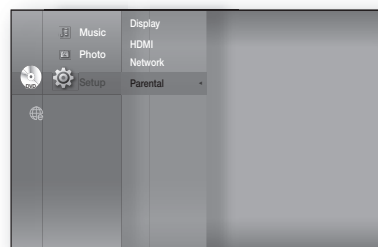
Parental setup

SETTING UP THE PARENTAL LOCK

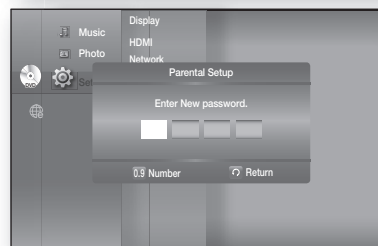
The Parental Lock function works in conjunction with Blu-ray Disc/DVDs that have been assigned a rating which helps you control the types of Blu-ray Disc/DVDs that your family watches. There are up to 8 rating levels on a disc.



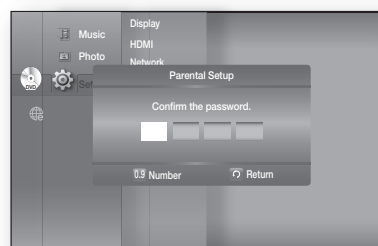
1. With the unit in Stop mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.



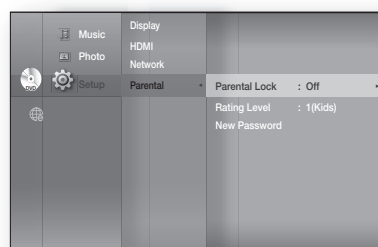
3. Press the **▲▼** buttons to select **Parental**, then press the **ENTER** or **▶** button.
When you operate your Blu-ray Home Theater for the first time, the "Enter New password." message will be displayed.



4. Enter the 4-digit password using the number buttons on the remote control.
The "Confirm the password." message will be displayed.
Enter your password again.



5. Press the **ENTER** or **▶** button to select Parental Lock.
6. Press the **▲▼** buttons to select **On** or **Off**, then press the **ENTER** button.



-  ■ Press the **RETURN** or **◀** button to return to the previous menu. Press the **MENU** button to exit the menu.

Parental setup

SETTING UP THE PARENTAL LOCK

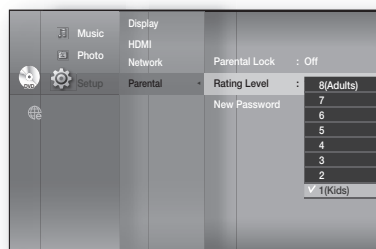
If you forgot your password

1. Remove the disc.
2. Press and hold the **STOP** (■) button on the front panel for 5 seconds or more.
 - All settings will revert to the factory settings.

 ■ When the factory default settings are restored, all the user data stored in the BD data will be deleted.

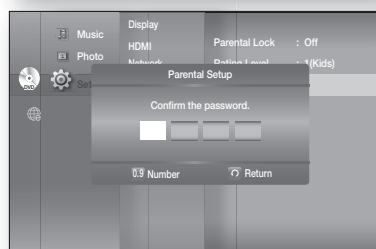
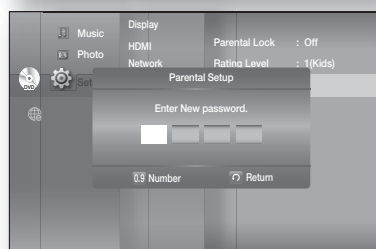
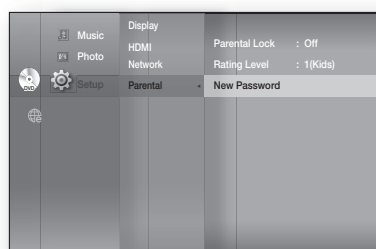
Setting the Rating Level

1. Press the ▲▼ buttons to select **Rating Level**, then press the **ENTER** or ► button.
2. Press the ▲▼ buttons to select the rating level you want, then press the **ENTER** button. For example, if you select up to Level 6, discs that contain Level 7, 8 will not play. A larger number indicates that the program is intended for adult use only. Level 1 is the most restrictive and Level 8 is the least.



Changing the Password

1. Press the ▲▼ buttons to select **New Password**, then press the **ENTER** or ► button.
2. Enter the 4-digit password using the number buttons on the remote control. The “Enter New password.” message will be displayed.
3. Enter your password again using the number buttons on the remote control.



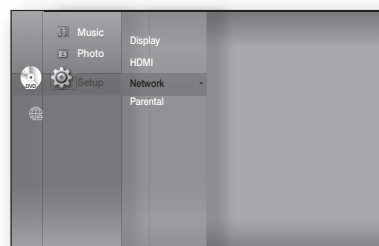
Network setup

SETTING UP THE NETWORK SETUP OPTIONS

To obtain information on the proper settings, check the network settings on your computer or contact your Internet provider.

To set the network of your Blu-ray Home Theater, follow the steps below.

1. With the unit in Stop mode/No Disc mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **Network**, then press the **ENTER** or **▶** button.
4. Press the **▲▼** buttons to select the desired network option from the options described below, then press the **ENTER** or **▶** button.
5. Press the **▲▼** buttons to select the desired item, then press the **ENTER** button.
Each network option is described in detail below.

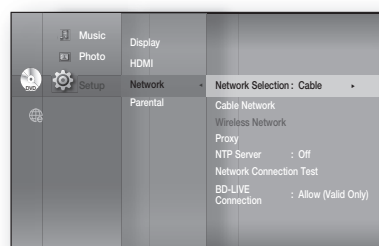


Network Selection

Select Cable or Wireless as the method to connect to network.

To setup, follow steps 1~3 above.

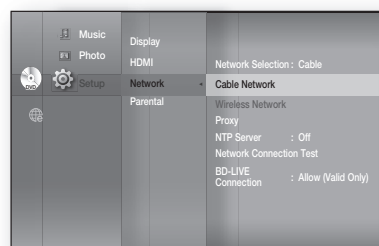
4. Press the **▲▼** buttons to select **Network Selection**, then press the **ENTER** or **▶** button.
 - **Cable** : Select this to connect to the network using a cable. (see page 28)
 - **Wireless** : Select this to connect to the network wirelessly. (see page 29)



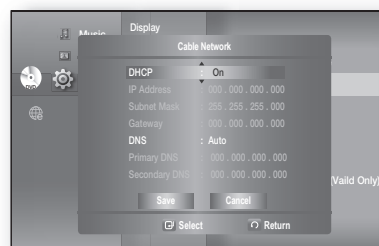
Cable Network

To setup, follow steps 1~3 above.

4. Press the **▲▼** buttons to select **Cable Network**, then press the **ENTER** or **▶** button.
5. Press the **▲▼** buttons to select **DHCP**, then press the **ENTER** button.



- If DHCP is set to **On**, you can't select IP Address, Subnet Mask or Gateway.
- If DNS is set to **Auto**, you can't select Primary/Secondary DNS.

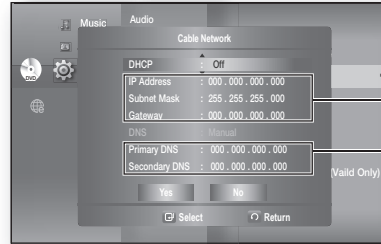


Network setup

SETTING UP THE NETWORK SETUP OPTIONS

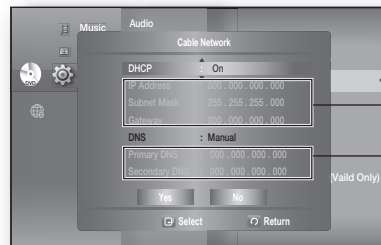
6. Press the ▲▼ buttons to select a desired item, then press the **ENTER** button.

- If DHCP is set to **Off** and, DNS to Manual, enter your IP Address, Subnet Mask, Gateway and Primary DNS settings (Secondary DNS is optional).



Setup available

- If DHCP is set to **On** and, DNS to Manual, enter your Primary DNS setting (Secondary DNS is optional).

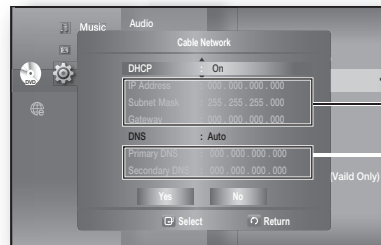


Setup available
Setup not available

- If DHCP is set to **On** and, DNS to Auto, you don't need further or additional settings.



- When you select an item, use the number and ▲▼◀▶ buttons.
- If the automatic settings don't work, contact your ISP.



Setup not available

7. When done, use the ▲▼ buttons to select **Save**, then press the **ENTER** button.

8. If you don't want to save your work, use the ▲▼◀▶ buttons to select **Cancel**, then press the **ENTER** button.

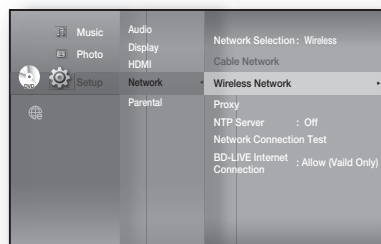


- The IP address used in this manual is for illustrative purposes only. You must refer to your network settings for the actual IP address.
- To obtain settings for IP address, Subnet mask, Gateway and Primary DNS, check the network settings in your computer or contact your internet service provider.

Wireless Network

To setup, follow steps 1~3 on page 49.

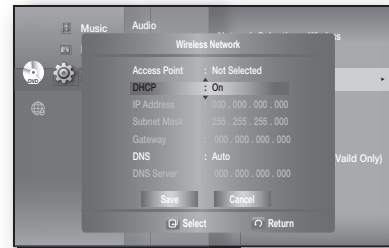
4. Press the ▲▼ buttons to select **Wireless Network**, then press the **ENTER** or ▶ button.



5. Press the ▲▼ buttons to select **DHCP**, then press the **ENTER** button.



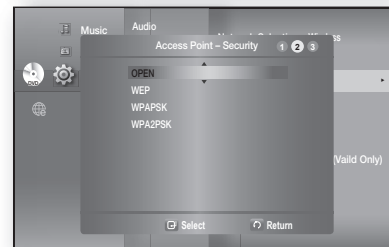
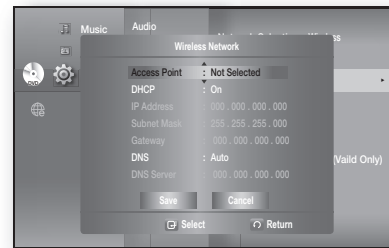
- If DHCP is set to **On**, you can't select IP Address, Subnet Mask or Gateway.
- If DNS is set to **Auto**, you can't select Primary/Secondary DNS.



6. Press the ▲▼ buttons to select a desired item, then press the **ENTER** button.

- Select an Access Point, and then press the **ENTER** button to display available list of APs. (It may take several seconds to search.)

- When you select an AP and press the **ENTER** button, it tries to connect to the designated AP.
- If successful, a notification appears. (If selected AP shows a Lock icon, you may need to provide security authentication.)
- Select your appropriate Security Access Point if it is known. If it is not, select WEP, WPAPSK or WPA2PSK from the list below and enter in the password. Keep trying each Security Access Point and enter the Password until a connection is made.

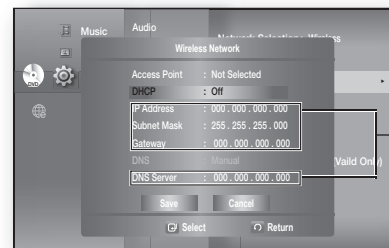


- Enter in the Password then press the **BLUE (D)** button to connect to your access point (Router).



For further details on AP security, refer to the AP's (Router) user manual.

- If DHCP is set to **Off** and, DNS to Manual, enter your IP Address, Subnet Mask, Gateway and DNS Server.

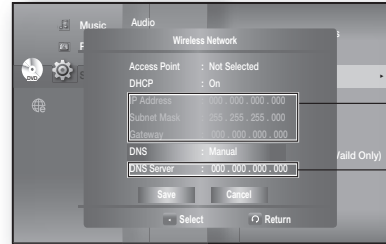


Setup available

Network setup

SETTING UP THE NETWORK SETUP OPTIONS

- If DHCP is set to **On** and, DNS to Manual, enter your DNS Server.

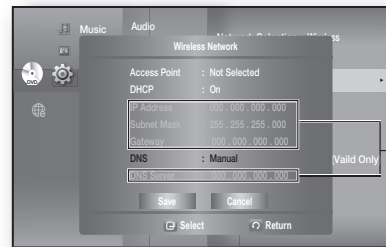


Setup available
Setup not available

- If DHCP is set to **On** and, DNS to Auto, you don't need further or additional settings.



- When you select an item, use the number and ▲▼◀▶ buttons.
- If the automatic settings don't work, contact your ISP.



Setup not available

7. When done, use the ▲▼ buttons to select **Save**, then press the **ENTER** button.
8. If you don't want to save your work, use the ▲▼◀▶ buttons to select **Cancel**, then press the **ENTER** button.

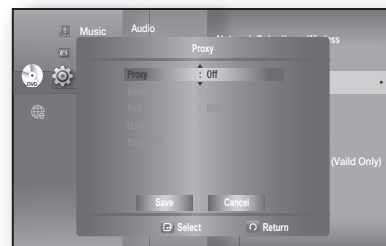


- The IP address used in this manual is for illustrative purposes only. You must refer to the your network settings for the actual IP address.
- To obtain settings for IP address, Subnet mask, Gateway and DNS Server, check the network settings in your computer or contact your internet service provider.

Proxy Setting

A proxy server services requests by forwarding them to other servers.
If you are required to configure the proxy setting, enter the settings specified by the ISP.
To setup, follow steps 1~3 on page 49.

4. Press the ▲▼ buttons to select **Proxy**, then press the **ENTER** or ▶ button.
 - **Server**
 - **Port**
 - **User**
 - **Password**



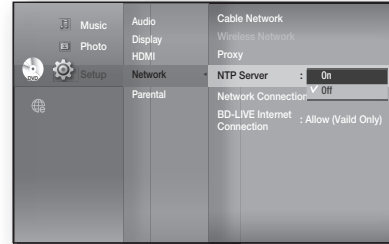
- For more information, contact your ISP (Internet Service Provider).

NTP Server (Used to Retrieve Time Information from NTP Server)

To setup, follow steps 1~3 on page 49.

4. Press the ▲▼ buttons to select **NTP Server**, then press the **ENTER** or ► button.

- **On** : the player automatically connects to the Internet server in order to adjust the time setting.
- **Off** : the player does not connect to the Internet server to adjust the time setting.

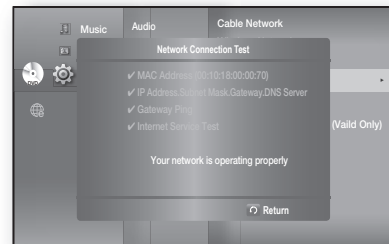


Network Connection Test

Use this menu to check whether your network connection is working or not.

To setup, follow steps 1~3 on page 49.

4. Press the ▲▼ buttons to select **Network Connection Test**, then press the **ENTER** or ► button.



BD-LIVE Internet Connection

The Blu-ray Home Theater supports BD-LIVE which enables you to enjoy a variety of interactive service contents provided by the disc manufacturer through a network connection. To enjoy this feature, you must first perform the LAN connection (see page 28) or Wireless Lan adapter connection to the USB slot.

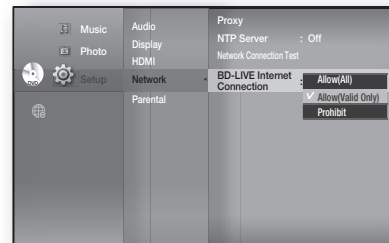
* You must have a minimum 1 GB USB Memory device inserted in one of the USB slots in order to download content from BD-LIVE.

The Internet connection may be restricted while you are using BD-LIVE contents.

To setup, follow steps 1~3 on page 49.

4. Press the ▲▼ buttons to select **BD-LIVE Internet Connection**, then press the **ENTER** or ► button.

- **Allow (All)** : The Internet connection will be allowed for all BD-LIVE contents.
- **Allow (Valid Only)** : The Internet connection will be allowed only for BD-LIVE contents containing a valid certificate.
- **Prohibit** : No Internet connection will be allowed for any BD-LIVE content.



- **What is a valid certificate?** When the Blu-ray Home Theater uses BD-LIVE to send the disc data and request to the server to certify the disc, the server uses the transferred data to check if the disc is valid and sends the certificate back to the player.
- The Internet connection may be restricted while you are using BD-LIVE contents.

BD data management

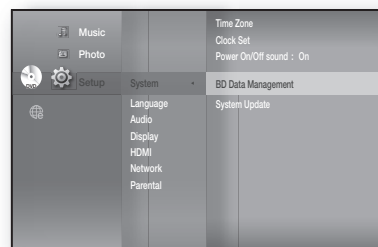
BD Data (stored in external USB flash memory) is Blu-ray Disc content such as trailers and other special features downloaded from the BD-LIVE service or Blu-ray Discs.

* You must have a minimum 1GB USB Memory device inserted in one of the USB slots in order to download content from BD-LIVE.

SYSTEM DEVICE MANAGEMENT

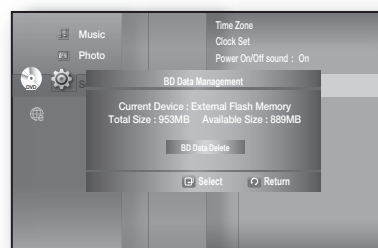
You can manage user data stored in BD data.

1. With the unit in Stop mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **System**, then press the **ENTER** or **▶** button.
4. Press the **▲▼** buttons to select **BD Data Management**, then press the **ENTER** or **▶** button.



- To delete the flash memory -

1. Press the **ENTER** button to select BD Data Delete.
The message "All BD data will be deleted. Do you want to continue?" will be displayed.
2. Press the **◀▶** button to select Yes, then press the **ENTER** button.



Description of Device(Storage) Information on the Player

- Total Size : Total size of the Device(Storage).
- Available Size : Available size of the Device(Storage).



- Memory size information on the current device(storage) is located to the right of the BD Data Management menu.
- In the external memory mode, disc playback will be stopped if you disconnect the USB device in the middle of the playback.
- We recommend using an USB device that supports USB 2.0 protocols, FAT32 format and 4MB or more read /write speed.
- The Resume Play function may not work after formatting the storage device.

System upgrade

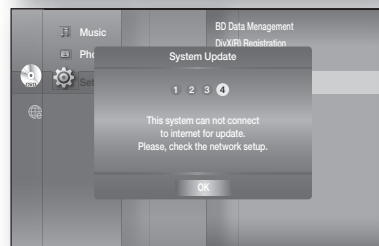
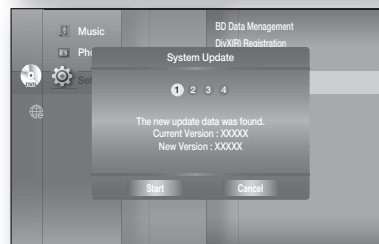
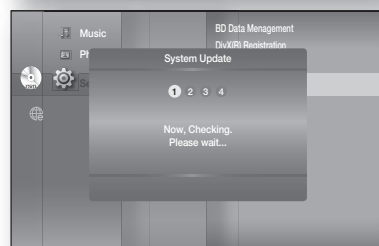
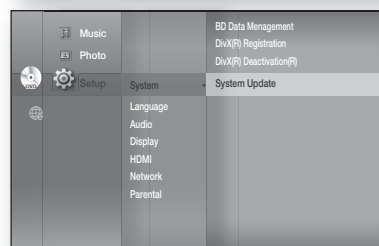
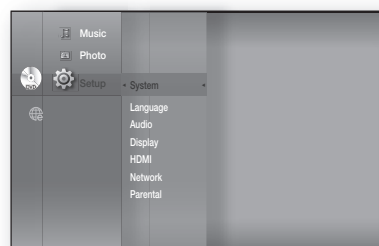
Samsung may offer upgrades to your Blu-ray Home Theater's firmware in the future. To upgrade this firmware you must :

1. Go to samsung.com and refer to the 'SUPPORT' page to download the latest firmware.
You can use a CD-R or a USB flash drive to perform the firmware upgrade. For more information, see "Upgrade Manual" at the website mentioned above.
or
2. Connect the network (see pages 28~29) and follow the steps below.

FIRMWARE UPGRADE

1. With the unit in Stop mode/No Disc mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **System**, then press the **ENTER** or **▶** button.
4. Press the **▲▼** buttons to select **System Update**, then press the **ENTER** or **▶** button.
5. The player will check the cable or network connection status automatically. The connection checking window will be displayed.

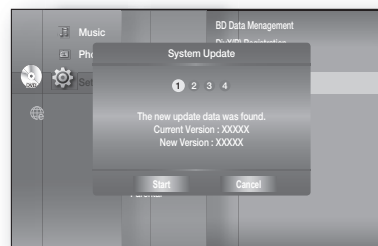
- If the upgrade is possible : You will see information on the current and new versions of firmware in a message box.
- If the upgrade is not possible : You will see the following description in the message box.
 - If the cable is not connected :
"Ethernet cable is not connected. Please, check the Ethernet cable"
 - If the network connection has failed :
"This system can not connect to internet for update. Please, check the network setup"
 - If no latest version is released (the latest version has been already installed) :
"The latest version of the firmware is already installed. There is no need to update."
 - If there is a disc in the player :
"Please maintain "No Disc" state for network update."
This indicates that you must remove all discs from the unit to perform the update.
 - If the server service is not available :
" Update Server is under maintenance. Please try again later."



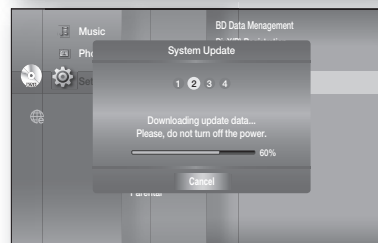
System upgrade

FIRMWARE UPGRADE

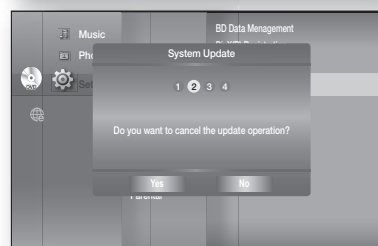
6. To perform the system upgrade, press the ◀ ▶ buttons to select **Start** and then press the **ENTER** button.



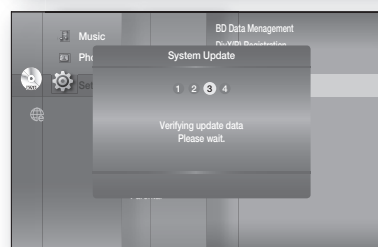
7. The system update gets started.



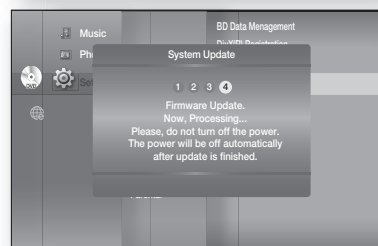
8. If you select **Cancel** during the download process, you are prompted to confirm your selection in a message box. If you want to cancel the download, select **Yes** and press the **ENTER** button.



9. Verification will proceed. When download is done, the firmware update process will begin automatically.



10. When the installation is done, the player will automatically turn off in 5 seconds. All settings will revert to the factory settings. The next time you start the system and you will see the menu language selection window.

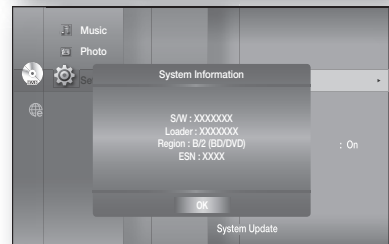
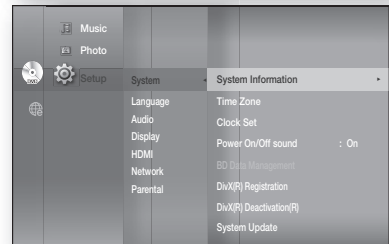
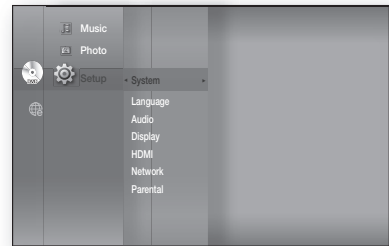


- If you want to cancel the upgrade in the process of downloading the upgrade data, press the **ENTER** button. You will see a confirmation message. Selecting **Yes** will end the upgrade process, and selecting **No** will continue the upgrade process.
- When the system upgrade is done, check the firmware details in the System Upgrade menu.
- Do not turn off the player during the System Upgrade, as it may cause the player to not work properly.
- You must use a USB Flash Drive to do software upgrades using the USB Host jack. Other USB devices(ex. MP3 player) are not guaranteed to work.
- There should be only one firmware upgrade file in USB flash drive for the player to properly perform an upgrade.
- Oversized USB drives may not be able to be inserted when a LAN or HDMI cable is connected.

SYSTEM INFORMATION

When the firmware upgrade is done, check the firmware details by following the steps below.

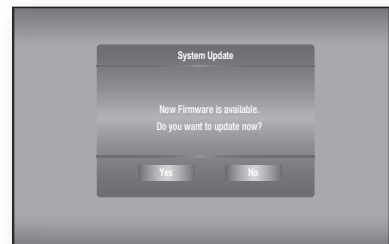
1. With the unit in Stop mode/No Disc mode, press the **MENU** button.
2. Press the **▲▼** buttons to select **Setup**, then press the **ENTER** or **▶** button.
3. Press the **▲▼** buttons to select **System**, then press the **ENTER** or **▶** button.
4. Press the **▲▼** buttons to select **System Information**, then press the **ENTER** or **▶** button.
You can see detailed information about the current firmware.
5. Press the **ENTER** button to select **OK**.
System Setup menu will be displayed.



FIRMWARE UPGRADE NOTIFICATION

This popup menu appears when a newer firmware version is available from SAMSUNG's update server than what is currently on the Blu-ray Home Theater.

- **Yes** : Select this to upgrade now.
- **No** : Select this if you plan to upgrade later.

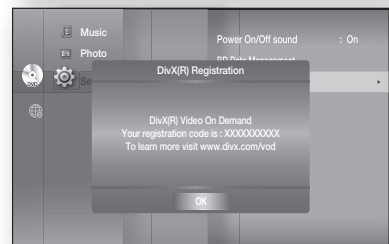


DIVX(R) REGISTRATION

Please use the Registration code to register this Home Theater System with the DivX(R) Video On Demand format. For more information, visit www.divx.com/vod



- This option is not activated if you select the OK. To activate this option, please activate the DivX(R) Deactivation.



DIVX(R) DEACTIVATION

If you want to deactivate the registration code on the website, please select the Yes. Then, you can get a new registration code.



- This function can be operated when DivX(R) Registration function is available.

