❏ Using the INFO Button (Now & Next Guide)

The display identifies the current channel and the status of certain audio/video settings.

The now & next guide shows daily TV programme information for each channel according to the broadcasting time.

- Scroll ◄/► to view information for a desired programme while watching the current channel.

- Scroll ▲/▼ to view information for other channels. If you want to move to the currently selected channel, press the ⏎ button.

◄ ►

DTV Air	Stereo	No title		17.02 Tue 19 Jul
ALL				
Coming Soon		576i 4:3 SD English		
5		No detailed information.		Ⓐ Information

※ It may differ depending on the model.

✎ The icons on the remote controller may differ depending on the region.

English

❑ Using Channel menu

MENU▥ → **Support** → **Contents Home** → ENTER↵

Press the **MEDIA.P/CONTENT** button to select the desired menu. Each screen will be displayed.

◼ Channel List

You can view channel information, **All, TV, Data and others, Analogue** and **Favourites 1**-**5**.

◀

▶

✎ When you press the **CH LIST** button on the remote control, **Channel List** screen will be displayed at once.

Contents Home

Channel List   Guide   Media Play   Schedule Manager   Source

↩ Return

* The displayed image may differ depending on the model.

English

- **All**: Shows all currently available channels.

- **TV**: Shows all currently available TV channels.

- **Data and others**: Show all currently available broadcast and other signal.

- **Analogue**: Shows all currently available analogue channels.

- **Favourites 1-5**: Shows all favourite channels.

  - ✎ **Favourites 1~5** will be displayed when you set **Edit Favourites**.
  - ✎ If you want to view favourite channels you added, press the **CH LIST** button and use ◀▶ (**Ch. Mode**) button to move **Favourites 1**-**5**.

◀　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　▶

English

ℕ Using the control buttons with the **Channel List**.

- ⤴ (**Tools**): Displays the option menu.
- ◀▶ (**Ch. Mode**): Move to the **All, TV, Data and others, Analogue** and **Favourites 1-5**.
- ↵ (**Watch**): Watches the channel you selected.
- ↕ (**Page**): Move to next or previous page.

◀ ▶

English

Using Option Menu TOOLS↵

Set each channel using the **Channel List** menu options (**Edit Favourites, Lock/Unlock, Edit Channel Name, Edit Channel Number, Delete, Information, Edit Mode**).

Option menu items may differ depending on the channel status.

1. Select a channel and press the **TOOLS** button.

2. Select a function and change its settings.

◀ ▶

- **Programme View** (digital channels only): Displays the programme.
- **Edit Favourites**: Set channels you watch frequently as favourites. Add or delete the selected channel in **Favourites 1**-**5**.

  1. Select the **Edit Favourites**, then press the **ENTER** ↵ button.

  2. Press the **ENTER** ↵ button to select **Favourites 1**-**5**, then press the **OK** button.

     ◎ One favourite channel can be added in several of favourites among **Favourites 1**-**5**.

◀ ▶

- **Lock/Unlock**: Lock a channel so that the channel cannot be selected and viewed.
  - ℕ This function is available only when the **Channel Lock** is set to **On**.
  - ℕ The PIN input screen appears. Enter your 4-digit PIN. Change the PIN using the **Change PIN** option.
- **Edit Channel Name** (analogue channels only): Assign your own channel name.
- **Edit Channel Number**: Edit the number by pressing the number buttons desired.
- **Delete**: You can delete a channel to display the channels you want.
- **Information**: Displays details of the selected programme.
- **Sort** (digital channels only): Change the list ordered by channel name or channel number.
- **Change Antenna**: Switches to **Air** or **Cable**.
- **Edit Mode**: You can select desired channels and edit it.

◀ ▶

English

Using Option Menu TOOLS🗗 in Edit Mode

Set each channel using the menu options (**Edit Favourites, Lock/Unlock, Delete, Information, Deselect, Select All**).

1. Press the **TOOLS** button in **Channel List** screen, then select the **Edit Mode**. A check box appears to the left of the channel.

2. Press the ▲/▼ buttons to select the desired channel, then press the **ENTER**🔁 button. The (✔) mark indicates the channel you've selected.

   🖊 You can select more than one channel.

   🖊 Press the **ENTER**🔁 again deselects the channel.

3. Press the **TOOLS** button, then select a function and change its settings.

◀   ▶

- **Edit Favourites**: Set the selected channels you watch frequently as favourites.

  - ✎ The **Edit Favourites** screen has five groups (**Favourites 1**, **Favourites 2**, etc.). You can add a favourite channel to any one of the groups. Press the ▲/▼ buttons to select a group.

- **Lock/Unlock**: Lock a channel so that the channel cannot be selected and viewed.

  - ✎ This function is available only when the **Channel Lock** is set to **On**.

  - ✎ The PIN input screen appears. Enter your 4-digit PIN. Change the PIN using the **Change PIN** option.

- **Delete**: You can delete a channel to display the channels you want.

- **Information**: Displays details of the selected programme.

- **Deselect**: Deselect the selected channels.

- **Select All**: Select all the channels in the channel list.

◀   ▶

English

❑ Schedule Manager

You can set a desired channel to be displayed automatically at the intended time. In addition, you can view, modify or delete a channel you have reserved to watch. Set the current time first to use this function.

Using Option Menu TOOLS🗗

Set each channel using the menu options.

1. Press the **TOOLS** button to select the **Schedule manually**.

   ◪ You can press the **A** (**Schedule manually**) directly on the **Schedule Manager** screen.

2. Press the ◄/►/▲/▼ or number buttons to set the **Channel, Repeat, Date, Start Time**.

◀   ▶

- **Antena**: Select the disired broadcasting signal.
- **Channel**: Select the desired channel.
- **Repeat**: Select **Once, Manual, Sat~Sun, Mon~Fri** or **Everyday** to set at your convenience. If you select **Manual**, you can set the day you want.
  - ✎ The (✔) mark indicates the day you've selected.
- **Date**: You can set the desired date.
  - ✎ It is available when you select **Once** in **Repeat**.
- **Start Time**: You can set the start time you want.

◄ ►

✎ If you want to edit or cancel the schedule, select the reserved schedule on the **Reserved Programmes**. Press the **TOOLS** button, then select the **Edit Schedule** or **Cancel schedule**.

English

❑ Retuning Channels

■ Aerial (Air / Cable)

MENU▥ → **Channel** → **Aerial** → ENTER↵

Before your television can begin memorising the available channels, you must specify the type of signal source that is connected to the TV (i.e. an **Air**, **Cable** system).

■ Auto Tuning

(depending on the country)

MENU▥ → **Channel** → **Auto Tuning** → **ENTER**↵

Scans for a channel automatically and stores in the TV.

◩ Automatically allocated programme numbers may not correspond to actual or desired programme numbers. If a channel is locked, the PIN input window appears.

◀ ▶

English

■ Manual Tuning

MENU▥ → Channel → Manual Tuning → ENTER↵

Scans for a channel manually and stores in the TV.

ℕ If a channel is locked, the PIN input window appears.

● **Digital Channel Tuning**: Scans for a digital channel manually and stores in the TV. Press the New button to search the digital channels. When scanning has finished, a channel is updated in the channel list.

● **Analogue Channel Tuning**: Scans for an analogue channel. Press the **New** button to search the channels by adjusting the **Programme**, **Colour System**, **Sound System**, **Channel**, **Search**.

◀   ▶

■ **Clear Scrambled Channel** (depending on the region.)

MENU ▥ → **Channel** → **Clear Scrambled Channel** → **ENTER**⏎

Remove scrambled channels from your Auto Tune channel list.

Ⓝ The scrambled channels which have been deleted will display grey in the channel list . If you want to watch the programme, please contact local operator.

◀   ▶

English

■ Guide Type (depending on the region.)

MENU Ⅲ → Channel → Guide Type → ENTER↵

Select to use either the built-in or downloaded guide.

- **Guide**: Set the built-in guide to be displayed when the GUIDE button on the remote control is pressed.

- **Auto**: Set the TV to select the proper guide automatically when the GUIDE button on the remote control is pressed.

◀ ▶

■ **Fine Tune** (Analogue channels only)

MENU▥ → Channel → Fine Tune → ENTER

If the signal is weak or distorted, fine tune the channel manually.

◈ Fine tuned channels are marked with an asterisk "*".

◈ To reset the fine-tuning, select **Reset**.

◄ ►

English

■ LNA (Off / On)

MENU ▥ → Channel → LNA

If the TV is operating in a weak-signal area, the LNA function can improve the reception (a low-noise preamplifier boosts the incoming signal).

◀ ▶

English

❑ Changing the Preset Picture Mode

MENU▥ → **Picture** → **Picture Mode** → ENTER↵

■ **Picture Mode** ⒯ᴏᴏʟꜱ⊅

Select your preferred picture type.

◩ When connecting a PC, you can only make changes to the **Entertain** and **Standard**.

- ● **Dynamic**: Suitable for a bright room.

- ● **Standard**: Suitable for a normal environment.

- ● **Movie**: Suitable for watching movies in a dark room.

- ● **Entertain**: Suitable for watching movies and games.

  ◩ It is only available when connecting a PC.

◀ ▶

Samsung MagicAngle

- **Samsung MagicAngle (Off / Lean back mode / Standing Mode)**: Select angle that best suits your viewing position.

- **Mode**: Ajust screen viewing angel.

◀　　　　　　　　　　　　　　　　　　　　　　　　　　　　▶

■ Backlight / Contrast / Brightness / Sharpness / Colour / Tint (G/R)

Your television has several setting options for picture quality control.

N NOTE

- When connecting a PC, you can only make changes to **Samsung MagicAngle** , **Backlight** , **Contrast, Brightness** and **Sharpness**.

- Settings can be adjusted and stored for each external device connected to the TV.

- Lowering picture brightness reduces power consumption.

◀ ▶

■ Screen Adjustment

MENU▥ → Picture → Screen Adjustment → ENTER↵

Set the various picture options such as picture size and aspect ratio.

- **Picture Size**: Your cable box/satellite receiver may have its own set of screen sizes as well. However, we highly recommend you use 16:9 mode most of the time.

  Auto Wide: Autoatically adjusts the picture size to the 16:9 aspect ratio.

  16:9: Sets the picture to 16:9 wide mode.

  Wide Zoom: Magnifies the picture size more than 4:3.

  ✎ Adjusts the **Position** by using ▲, ▼ buttons.

  Zoom: Magnifies the 16:9 wide pictures vertically to fit the screen size.

  ✎ Adjusts the **Zoom** or **Position** by using ▲, ▼ button.

  4:3: Sets the picture to basic (4:3) mode.

  ✎ Do not watch in 4:3 format for a long time. Traces of borders displayed on the left, right and centre of the screen may cause image retention (screen burn) which are not covered by the warranty.

◀ ▶

- **Screen Fit**: Displays the full image without any cut-off when HDMI (720p / 1080i / 1080p) or Component (1080i / 1080p) signals are inputted.

- **Position**: Adjust the picture position. It is only available in **Wide Zoom**.

- **Zoom / Position**: Adjust the picture position. It is only available in **Zoom**.

◪ NOTE

- After selecting **Screen Fit** in HDMI (1080i / 1080p) or Component (1080i / 1080p) mode, you may need to centre the picture:

  1. Press the ▲ or ▼ button to select **Position**.

  2. Press the **ENTER**↵ button.

  3. Press the ▲, ▼, ◄ or ► button to move the picture.

◄   ►

- Depending on the input source, the picture size options may vary.
- If you want to reset the position you adjusted, select **Reset** in the **Position** screen. The picture will be set to its default position.
- The available items may differ depending on the selected mode.
- When connecting a PC, only **16:9** and **4:3** modes can be adjusted.
- Settings can be adjusted and stored for each external device connected to an input on the TV.
- If you use the **Screen Fit** function with HDMI 720p input, 1 line will be cut at the top, bottom, left and right as in the overscan function.

◀ ▶

English

- **PC Screen Adjustment**
  - Ⓝ Available only PC mode.
    - **Coarse** / **Fine**: Removes or reduces picture noise. If the noise is not removed by Fine-tuning alone, then adjust the frequency as best as possible (Coarse) and Finetune again. After the noise has been reduced, readjust the picture so that it is aligned to the centre of screen.
    - **Position**: Adjusts the PC screen position with direction button (▲ / ▼ / ◀ / ▶).
    - **Image Reset**: Resets the image to default settings.

◀ ▶

English

■ Auto Adjustment TOOLS⤴

Frequency values / position and fine tune are adjusted automatically.

Ⓝ It's only available in PC mode.

◀   ▶

English

❏ Changing the Picture Options

■ Advanced Settings

MENU⠿ → **Picture** → **Advanced Settings** → **ENTER**⏎

(available in **Standard / Movie** mode)

You can adjust the detailed setting for the screen including colour and contrast.

- **Dynamic Contrast (Off / Low / Medium / High):** Adjust the screen contrast.
- **Black Tone (Off / Dark / Darker / Darkest):** Select the black level to adjust the screen depth.
- **Flesh Tone**: Adjust the flesh tone colour.

Advanced Settings	
Dynamic Contrast	Medium
Black Tone	Off
Flesh Tone	0
RGB Only Mode	Off
Colour Space	Native
White Balance	
Gamma	0

◀ ▶

English

- **RGB Only Mode (Off / Red / Green / Blue)**: Displays the Red, Green and Blue colour for making fine adjustments to the hue and saturation.

- **Colour Space (Auto / Native)**: Adjust the range of colours available to create the image.

- **White Balance**: Adjust the colour temperature for a more natural picture.

  R-Offset / G-Offset / B-Offset: Adjust each colour's (red, green, blue) darkness.

  R-Gain / G-Gain / B-Gain: Adjust each colour's (red, green, blue) brightness.

  Reset: Resets the **White Balance** to its default settings.

- **Gamma**: Adjust the primary colour intensity.

- **Motion Lighting (Off / On)**: Reduce power consumption by brightness control adapted motion.

  ◢ Only **Standard** mode can used.

◀   ▶

¦ Picture Options

MENU ▥ → **Picture** → **Picture Options** → ENTER ⏎

ℕ   When connecting a PC, you can only make changes to the **Colour Tone**.

- **Colour Tone (Cool / Standard / Warm1 / Warm2)**

  ℕ **Warm1** or **Warm2** will be deactivated when the picture mode is **Dynamic**.

  ℕ Settings can be adjusted and stored for each external device connected to an input on the TV.

- **Digital Noise Filter (Off / Low / Medium / High / Auto / Auto Visualisation)**: If the broadcast signal received by your TV is weak, you can activate the **Digital Noise Filter** feature to reduce any static and ghosting that may appear on the screen.

  ℕ When the signal is weak, try other options until the best picture is displayed.

  - **Auto Visualisation**: When changing analogue channels, displays signal strength.

    ℕ Only available for analogue channels.

    ℕ When bar is green, you are receiving the best possible signal.

◀   ▶

- **MPEG Noise Filter (Off / Low / Medium / High / Auto)**: Reduces MPEG noise to provide improved picture quality.

- **HDMI Black Level (Low / Normal)**: Selects the black level on the screen to adjust the screen depth.
  - ℕ Available only in **HDMI** mode (RGB signals).

- **Film Mode (Off / Auto1 / Auto2)**: Sets the TV to automatically sense and process film signals from all sources and adjust the picture for optimum quality.
  - ℕ Available in TV mode, AV, COMPONENT (480i / 1080i) and HDMI (1080i).
  - ℕ If the picture shows abnormal, please choose **Off** in **Film Mode**.

◀ ▶

■ Reset Picture (Yes / No)

MENU▥ → Picture → Reset Picture → ENTER↵

Resets your current picture mode to its default settings.

◀ ▶

❏ Changing the Preset Sound Mode

■ Sound Mode TOOLS↵

MENU▥ → Sound → Sound Mode → ENTER↵

- **Standard**: Selects the normal sound mode.
- **Music**: Emphasizes music over voices.
- **Movie**: Provides the best sound for movies.
- **Clear Voice**: Emphasizes voices over other sounds.
- **Amplify**: Increase the intensity of high-frequency sound to allow a better listening experience for the hearing impaired.
- ✎ If **Speaker Select** is set to **External Speaker**, **Sound Mode** is disabled.

◀   ▶

English

❏ Adjusting Sound Settings

■ Sound Effect

(standard sound mode only)

MENU▥ → **Sound** → **Sound Effect** → ENTER↵

- **SRS TruSurround HD (Off / On)**

    This function provides a virtual 5.1 channel surround sound experience through a pair of speakers using HRTF (Head Related Transfer Function) technology.

◀ ▶

- **SRS TruDialog (Off / On)**

  This function allows you to increase the intensity of a voice over background music or sound effects so that dialogue can be heard more clearly.

- **Equaliser**

  Use Equaliser to customize sound setting for each speaker.

  Balance: Adjusts the balance between the right and left speaker.

  100Hz / 300Hz / 1kHz / 3kHz / 10kHz (Bandwidth Adjustment): Adjusts the level of specific bandwidth frequencies.

  Reset: Resets the equaliser to its default settings.

  ◀ ▶

  ⧄ If **Speaker Select** is set to **External Speaker, Sound Effect** is disabled.

  English

■ Broadcast Audio Options

(digital channels only)

MENUm → Sound → Broadcast Audio Options → ENTER⏎

- **Audio Language**

  Change the default value for audio languages.

  N The available language may differ depending on the broadcast.

- **Audio Format**

  When sound is emitted from both the main speaker and the audio receiver,a sound echo may occur due to the decoding speed difference between the main speaker and the audio recevier.In this case, use the TV Speaker funcion.

  N **Audio Format** option may differ depending on the broadcast. 5.1ch Dolby Digital sound is only available when connecting an external speaker through optical cable.

◀   ▶

- **Audio Description**

  (not available in all locations)

  This function handles the Audio Stream for the **AD** (Audio Description) which is sent along with the Main audio from the broadcaster.

  Audio Description (**Off** / **On**): Turn the audio description function on or off.

  Volume: Adjust the audio description volume.

◄　　　　　　　　　　　　　　　　　　　　　　　　　►

■ Additional Settings

MENU⊞ → Sound → Additional Settings → ENTER↵

● **DTV Audio Level** (**MPEG** / **HE-AAC**): This function allows you to reduce the disparity of a voice signal (which is one of the signals received during a digital TV broadcast) to a desired level.

  ◍ According to the type of broadcast signal, **MPEG** / **HE-AAC** can be adjusted between -10dB and 0dB.

  ◍ To increase or decrease the volume, adjust between the range 0 and -10 respectively.

◀ ▶

English

● **SPDIF Output**: SPDIF (Sony Philips Digital InterFace) is used to provide digital sound, reducing interference going to speakers and various digital devices such as a DVD player.

    – **Audio Format**: You can select the Digital Audio output (SPDIF) format.

        ◎ The available Digital Audio output (SPDIF) format may differ depending on the input source.

    – **Audio Delay**: Correct audio-video sync problems, when watching TV or video, and when listening to digital audio output using an external device such as an AV receiver (0ms ~ 250ms).

● **Dolby Digital Comp** (**Line** / **RF**): This function minimizes signal disparity between a dolby digital signal and a voice signal (i.e. MPEG Audio, HE-AAC, ATV Sound).

    ◎ Select Line to obtain dynamic sound, and RF to reduce the difference between loud and soft sounds at night time.

Line: Set the output level for signals greater or less than -31dB (reference) to either -20dB or -31dB.

RF: Set the output level for signals greater or less than -20dB (reference) to either -10dB or -20dB.

◀ ▶

■ Speaker Settings

MENUⅢ → Sound → Speaker Settings → ENTER↵

● **Speaker Select (External Speaker / TV Speaker)**

A sound echo may occur due to a difference in decoding speed between the main speaker and the audio receiver. In this case, set the TV to **External Speaker**.

Ⓝ When **Speaker Select** is set to **External Speaker**, the volume and **MUTE** buttons will not operate and the sound settings will be limited.

Ⓝ When **Speaker Select** is set to **External Speaker**.

   ● **TV Speaker**: Off, **External Speaker**: On

Ⓝ When **Speaker Select** is set to **TV Speaker**.

   ● **TV Speaker**: On, **External Speaker**: On

Ⓝ If there is no video signal, both speakers will be mute.

◀ ▶

- **Auto Volume (Off / Normal / Night)**

  To equalize the volume level on each channel, set to **Normal**.

  Night: This mode provides an improved sound experience compared to **Normal** mode, making almost no noise. It is useful at night.

◀ ▶

English

■ Reset Sound (Yes / No)

MENU▥ → **Sound** → **Reset Sound** → ENTER⏎

Reset all sound settings to the factory defaults.

◀   ▶

English

❑ Executing initial setup

■ Setup

MENU▥ → **System** → **Setup** → ENTER↵

Configure the channels and the time when setting up the TV for the first time or when resetting the unit.

✎ For the detailed information about setting **Setup**, refer to "Initial Setup" in User Manual.

◀ ▶

English

❑ Setting the Time

■ Time

MENU▥ → **System** → **Time** → **ENTER**↵

The current time will appear every time you press the **INFO** button.

- **Clock**: Set the **Date** and **Time**.

  - ℕ You can set the **Date** and **Time** directly by pressing the number buttons on the remote control.

  Clock Mode: Set up the current time manually or automatically.

  - – **Auto:** Set the current time automatically using the time from a digital channel.

  - ℕ The antenna must be connected in order to set the time automatically

  - – **Manual: Set the current time manually.**

  - ℕ Depending on the broadcast station and signal, the auto time set up may not be correct. In this case, set the time manually.

  Clock Set: Set the Date and Time manually.

  - ℕ Available only when Clock Mode is set to Manual.

  - ℕ You can set the Date and Time directly by pressing the number buttonson the remote control.

◀ ▶

English

❏ Using the Sleep Timer

MENU▥ → **System** → **Time** → **Sleep Timer** → ENTER↵

- **Sleep Timer** TOOLS⤵ : Automatically shuts off the TV after a preset period of time. (off, 30, 60, 90, 120, 150 and 180 minutes)
  - ✎ To cancel **Sleep Timer**, select **Off**.

◀ ▶

English

❏ Setting the On / Off Timer

MENU ▥ → **System** → **Time** → **On Timer** **<or>** **Off Timer** → **ENTER** ↵

- **On Timer 1 / On Timer 2 / On Timer 3**: Three different on timer settings can be made. You must set the clock first.

  – **Setup**: Select **Off, Once, Everyday, Mon~Fri, Mon~Sat, Sat~Sun** or **Manual** to set at your convenience. If you select **Manual**, you can set up the day you want to activate the timer.

  ◢ The ✔ mark indicates the day you've selected.

  – **Time**: Set the hour and minute.

  – **Volume**: Set the desired volume level.

  – **Source**: Select desired **source** to be played when the TV is turned on automatically. (**USB** can be selected only when a USB device is connected to the TV)

  – **Aerial** (when the **Source** is set to **TV**): Select a proper aerial.

  – **Channel** (when the **Source** is set to **TV**): Select the desired channel.

◀ ▶

English

– **Music / Photo** (when the **Source** is set to **USB**): Select a folder in the USB device containing music or photo files to be played when the TV is turned on automatically.

  N NOTE

  - If there is no music file on the USB device or the folder containing a music file is not selected, the timer function does not operate correctly.

  - When there is only one photo file in the USB device, the slide show will not play.

  - If a folder name is too long, the folder cannot be selected.

  - Each USB you use is assigned its own folder. When using more than one of the same type of USB, make sure the folders assigned to each USB have different names.

  - It is recommended that you use a USB memory stick and a multi card reader when using **On Timer**.

◀   ▶

English

● The **On Timer** function may not work with USB devices with a built-in battery, MP3 players, or PMPs made by some manufacturers because these devices take a long time to be recognized.

● **Off Timer 1 / Off Timer 2 / Off Timer 3**: Three different off timer settings can be made. You must set the clock first.

Setup: Select **Off, Once, Everyday, Mon~Fri, Mon~Sat, Sat~Sun** or **Manual** to set at your convenience. If you select **Manual**, you can set up the day you want to activate the timer.

✎ The ✓ mark indicates the day you've selected.

Time: Set the hour and minute.

◀   ▶

English

❏ Locking Programme

■ Security

MENU🎛 → **System** → **Security** → **ENTER**⤶

N🖉 The PIN input screen appears before the setup screen.

N🖉 Enter your 4-digit PIN, the default of which is "0-0-0-0". Change the PIN using the **Change PIN** option.

● **Channel Lock (Off / On)**: Lock channels in Channel menu to prevent unauthorized users, such as children, from watching unsuitable programme.

  N🖉 Available only when the **Source** is set to **TV**.

● **Change PIN**: Change your password required to set up the TV.

  N🖉 If you forget the PIN code, press the remote control buttons in the following sequence in standby mode, which resets the PIN to "0-0-0-0": MUTE → 8 → 2 → 4 → POWER (on).

◀   ▶

❏ Picture In Picture (PIP)

■ PIP `TOOLS⏏`

MENU🎛 → **System** → **PIP** → ENTER⏎

You can watch the TV tuner and one external video source simultaneously. **PIP** (Picture-in-Picture) does not function in the same mode.

📝 NOTE

- For PIP sound, refer to the **Sound Select** instructions.
- If you turn the TV off while watching in **PIP** mode, the PIP window will disappear.
- You may notice that the picture in the PIP window becomes slightly unnatural when you use the main screen to view a game or karaoke.

◀   ▶

- PIP settings

Main picture	Sub picture
Component, HDMI/DVI , PC	TV

- **PIP (Off / On)**: Activate or deactivate the PIP function.

- **Air / Cable**: Select the antenna source to memorise.

- **Channel**: Select the channel for the sub-screen.

- **Size** (▢ / ▢): Select a size for the sub-picture.

- **Position** (▢ / ▢ / ▢ / ▢): Select a position for the sub-picture.

- **Sound Select (Main / Sub)**: You can choose the desired sound (**Main / Sub**) in **PIP** mode.

◀   ▶

English

❑ Economical Solutions

■ Eco Solution

MENU ▥ → **System** → **Eco Solution** → **ENTER** ↵

- **Energy Saving (Off / Low / Medium / High / Picture Off)**: This adjusts the brightness of the TV in order to reduce power consumption. If you select **Picture Off**, the screen is turned off, but the sound remains on. Press any button except volume and power button to turn on the screen.

- **No-Signal Power Off (Off / 15 min / 30 min / 60 min)**: To avoid unnecessary energy consumption, set how long you want the TV to remain on if it's not receiving a signal.
  - ✎ Disabled when the PC is in power saving mode.

- **Auto Power Off (Off / On)**: The TV will be automatically turned off when no user operation is received for 4 hours.

◀ ▶

English

❏ Other Features

■ Language

MENU m **→ System → Language → ENTER**E

- **Menu Language**: Set the menu language.

- **Preferred Language** (**Primary audio** / **Secondary audio** / **Primary subtitle** / **Secondary subtitle**) : Select a language, which will be the default language when a channel is selected.

◀　　　　　　　　　　　　　　　　　　　　　　　　　　▶

■ Subtitle

MENU▥ → **System** → **Subtitle** → **ENTER**↵

Use this menu to set the Subtitle mode.

- **Subtitle** (**Off** / **On**): Switches subtitles on or off.

- **Subtitle Mode** (**Normal** / **Hearing Impaired**): Sets the subtitle mode.

- **Subtitle Language**: Sets the subtitle language.

  - N   If the programme you are watching does not support the **Hearing Impaired** function, **Normal** automatically activates even if the **Hearing Impaired** mode is selected.

  - N   English is the default in cases where the selected language is unavailable in the broadcast.

◀   ▶

English

■ **Digital Text (Disable / Enable)** (depending on the region.)

MENUm → **System** → **Digital Text** → ENTER🔲

If the programme broadcasts with digital text, this feature is enabled.

N MHEG (Multimedia and Hypermedia Information Coding Experts Group) An International standard for data encoding systems used in multimedia and hypermedia. This is at a higher level than the MPEG system which includes data-linking hypermedia such as still images, character service, animation, graphic and video files as well as multimedia data. MHEG is user runtime interaction technology and is being applied to various fields including VOD (Video-On-Demand), ITV (Interactive TV), EC (Electronic Commerce), teleeducation, tele-conferencing, digital libraries and network games.

◀ ▶

English

■ Auto Protection Time (Off / 2hours / 4hours / 8hours / 10hours)

MENU㎛ → System → Auto Protection Time → ENTER↵

If the screen remains idle with a still image for a certain period of time defined by the user, the screen saver is activated to prevent the formation of ghost images on the screen.

■ General

- **Max.Power Saving (Off / On)**: Turn off PC monitor when PC is not used for certain length of time to reduce power consumption.

- **Game Mode (Off / On)**: When connecting to a game console such as PlayStation™ or Xbox™, you can enjoy a more realistic gaming experience by selecting game mode.

  ✎ NOTE

  - Precautions and limitations for game mode

    − To disconnect the game console and connect another external device, set **Game Mode** to **Off** in the setup menu.

    − If you display the TV menu in **Game Mode**, the screen shakes slightly.

◀   ▶

English

- **Game Mode** is not available in **TV** mode.
- After connecting the game console, set **Game Mode** to **On**. Unfortunately, you may notice reduced picture quality.
- If **Game Mode** is **On**:
  - **Picture Mode** is set to **Standard** and **Sound Mode** is set to **Movie**.
- **Panel Lock (Off / On)**: Lock or unlock all the keys(TV Controller) on the TV.
- **Boot Logo (Off / On)**: Display Samsung logo when the TV is turned on.

◀ ▶

■ DivX® Video On Demand

MENU ▥ → **System** → **DivX® Video On Demand** → **ENTER** ↵

Shows the registration code authorized for the TV. If you connect to the DivX web site and register with 10-digit registration code, you can download the VOD activation file.

Once you play it using **Videos**, the registration is completed.

✎ For more information on DivX® VOD, visit http://vod.divx.com.

◀ ▶

English

❏ Support Menu

■ e-Manual

MENU⊞ → **Support** → **e-Manual** → ENTER↵

You can read the introduction and instructions about the TV features stored in your TV.

N For the detailed information about e-Manual Screen, refer to "How to use the e-Manual" in User Manual.

◀   ▶

English

■ Self Diagnosis

MENUⅢ → **Support** → **Self Diagnosis** → **ENTER**E

N **Self Diagnosis** might take few seconds, this is part of the normal operation of the TV.

- **Picture Test (Yes / No)**: Use to check for picture problems.

- **Sound Test (Yes / No)**: Use the built-in melody sound to check for sound problems.

  N If you hear no sound from the TV's speakers, before performing the sound test, make sure **Speaker Select** is set to **TV Speaker** in the **Sound** menu.

  N The melody will be heard during the test even if **Speaker Select** is set to **External Speaker** or the sound is muted by pressing the **MUTE** button.

◄   ►

English

- **Signal Information**: (digital channels only) An HD channel's reception quality is either perfect or the channels are unavailable. Adjust your antenna to increase signal strength.

- **Reset**: Reset all settings to the factory defaults.
  - ◎ The PIN input screen appears before the setup screen.
  - ◎ Enter your 4-digit PIN. Change the PIN using the **Change PIN** option.

- **Troubleshooting**: If the TV seems to have a problem, refer to this description.
  - ◎ If none of these troubleshooting tips apply, contact the Samsung customer service centre.

◄ ►

English

■ Software Upgrade

MENU Ⅲ → Support → Software Upgrade → ENTER↵

Software Upgrade can be performed by downloading the latest firmware from "www.samsung.com" to a USB memory device.

Current Version-the software already installed in the TV.

Installing the Latest Version (depending on the region.)

◀

- **By USB**: Insert a USB drive containing the firmware upgrade file, downloaded from "www.samsung.com" into the TV. Please be careful not to disconnect the power or remove the USB drive until upgrades are complete. The TV will be turned off and on automatically after completing the firmware upgrade. When software is upgraded, video and audio settings you have made will return to their default settings. We advise you to write down your settings so that you can easily reset them after the upgrade.

- **By Channel**: Upgrade the software using the broadcasting signal.

- **Alternative Software**: Replace the current software with the alternative

- **Standby Mode Upgrade**: A manual upgrade will be automatically performed at selected time.

▶

English

■ Contact Samsung

View this information when your TV does not work properly or when you want to upgrade the software. You can find information regarding our call centres, and how to download products and software.

◀ ▶

English

Contents Home

MENU ▥ → **Support** → **Contents Home** → **ENTER** ⏎

You can enjoy useful and various contents.

◀   ▶

❑ Using the Media Play

Enjoy photos, music and movie files saved on a USB Mass Storage Class (MSC) device.

1. Press the **MEDIA.P/ CONTENT** button to select **Media Play**.

2. Press ▲/▼ button to select desired menu (**Videos**, **Photos**, **Music**), then press the **ENTER** button.

3. Press ▲/▼ button to select desired device, then press the **ENTER** button again.

◀   ▶

❏ Connecting a USB Device

1. Turn on your TV.

2. Connect a USB device containing photo, music and movie files to the USB port on the side of the TV.

3. When USB is connected to the TV, popup window appears. You can select the **Videos, Photos** or **Music** directly.

✎ It might not work properly with unlicenced multimedia files.

✎ Need-to-Know List before using Media Play

- MTP (Media Transfer Protocol) is not supported.

- The file system supports FAT16, FAT32 and NTFS.

- Certain types of USB Digital camera and audio devices may not be compatible with this TV.

◀ ▶

English

- Media Play only supports USB Mass Storage Class (MSC) devices. MSC is a Mass Storage Class Bulk-Only Transport device. Examples of MSC are Thumb drives, Flash Card Readers (USB HUB are not supported). Devices should be connected directly to the TV's USB port.

- Before connecting your device to the TV, please back up your files to prevent them from damage or loss of data. SAMSUNG is not responsible for any data file damage or data loss.

- USB (HDD) is not supported.

- Do not disconnect the USB device while it is loading.

- The higher the resolution of the image, the longer it takes to display on the screen.

- The maximum supported JPEG resolution is 15360 x 8640 pixels.

- For unsupported or corrupted files, the "Not Supported File Format" message is displayed.

- If the TV has been no input during time set in **Auto Protection Time**, the Screensaver will run.

◀ ▶

English

- The power-saving mode of some external hard disk drives may be released automatically when connected to the TV.

- If a USB extension cable is used, the USB device may not be recognized or the files on the device may not be read.

- If a USB device connected to the TV is not recognized, the list of files on the device is corrupted or a file in the list is not played, connect the USB device to the PC, format the device and check the connection.

- If a file deleted from the PC is still found when Media Play is run, use the "Empty the Recycle Bin" function on the PC to permanently delete the file.

- **Media Play** only supports sequential jpeg format.

- The scene search and thumbnail functions are not supported in the Videos.

- If the number of files and folders saved on a USB storage device is approximately over 4000, the files and folders may not appear and some folders may not be opened.

How to Remove USB Devices Safely

Select the desired USB device and press the TOOLS button. Then select Safely **Remove USB Device**.

◀ ▶

English

❏ Screen Display

Move to the desired file using the ◄/►/▲/▼ buttons and then press the ENTER↵ or ► (Play) button. The file is played. The screen may differ depending on the way to enter the screen.

* The displayed image may differ depending on the model.

Information:
You can ascertain the selected device name, contents mode, folder name and page..

🖼 **Media Play** / **Videos** / 📼 **Cruzer...** / Video_02.AVI   1/15

📁 Upper Folder

	Video_01 1.Jan.2012
Video_02 1.Jan.2012	Video_03 1.Jan.2012
Video_04 1.Jan.2012	Video_05 1.Jan.2012
Video_06 1.Jan.2012	Video_07 1.Jan.2012
Video_08 1.Jan.2012	

Video_02.AVI
1.Jan.2012
17.6MB

Displays the selected file information.

↵ Play ⏞ Tools ↺ Return

File List Section:
You can confirm the files and groups that sorted by category..

Operation Buttons:
- ↵ (**Play**): Play the selected file.
- ⏞ (**Tools**): Displays the option menu.
- ↺ (**Return**): Move to the previous step.

English

■ Videos

Playing Video

1. Press the ◄/►/▲/▼ button to select the desired video in the file list.

2. Press the ENTER⏎ button or ► (Play) button.

   — The selected file name is displayed on the top with its playing time.

   — If video time information is unknown, play time and progress bar are not displayed.

   — During video playback, you can search using ◄ and ► button.

   — You can use (◄◄) (REW) and (►►) (FF) buttons during playback.

   ◣ In this mode, you can enjoy movie clips contained on a Game, but you cannot play the Game itself.

◀   ▶

- Supported Subtitle Formats
  - External

Name	File extension
MPEG-4 timed text	.ttxt
SAMI	.smi
SubRip	.srt
SubViewer	.sub
Micro DVD	.sub or .txt
SubStation Alpha	.ssa
Advanced SubStation Alpha	.ass
Powerdivx	.psb

  - Internal

Name	Container	Format
Xsub	AVI	Picture Format
SubStation Alpha	MKV	Text Format
Advanced SubStation Alpha	MKV	Text Format
SubRip	MKV	Text Format
MPEG-4 Timed text	MP4	Text Format

◀ ▶

English

● Supported Video Formats

File Extention	Container	Video Codec	Resolution	Frame rate (fps)	Bit rate (Mbps)	Audio Codec
*.avi *.mkv *.asf *.wmv *.mp4 *.3gp *.vro *.mpg *.mpeg *.ts *.tp *.trp *.m2ts *.mts *.divx *.rmvb *.rm	AVI MKV ASF MP4 3GP VRO VOB PS TS RMVB	DivX 3.11/4.x/5.x/6.1	1920 x 1080	6~30	30	AC3 LPCM ADMPCM (IMA, MS) AAC HE-AAC WMA DD+ MPEG (MP3) DTS Core Real Audio 6
		MPEG4 SP / ASP				
		H.264 BP / MP / HP				
		H.263				
		Motion JPEG	640 x 480		8	
		Window Media Video v9	1920 x 1080		30	
		MPEG2				
		MPEG1				
		RV8/9/10(RV30/40)			20(40)	

English

Other Restrictions

- Video content will not play, or not play correctly, if there is an error in the content or the container.

- Sound or video may not work if the contents have a standard bit rate/frame rate above the compatible Frame/sec listed in the table above.

- If the Index Table is in error, the Seek (Jump) function is not supported.

- Some USB/digital camera devices may not be compatible with the player.

- The menu can be displayed late if the video is over 10Mbps(bit rate).

Video decoder	Audio decoder
• Supports up to H.264, Level 4.1 • H.264 FMO / ASO / RS, VC1 SP / MP / AP L4 and AVCHD are not supported. • GMC is not supported.	• WMA supports up to 10 Pro 5.1 channel and M2 profile. (LBR mode of M0 is not supported) • WMA lossless audio is not supported.

■ Photos

Viewing a Photo (or Slide Show)

1. Press the ◄/►/▲/▼ button to select the desired photo in the file list.

2. Press the **ENTER** ⏎ button.

   ✎ During the slide show, all files in the file list will be displayed in order.

   ✎ When you press the ► (Play) button in the file list, slide show will be started immediately.

   ✎ During the slide show, you can adjust the slide show speed using ◄◄ (REW) or ►► (FF) button.

   ✎ You can move to other file using ◄ or ► button.

✎ Music files can be automatically played during the slide show if the **Background Music On** is set.

● Supported Photo Formats

File Extension	Type	Resolution
*.jpg	JPEG	15360 x 8640
*.bmp	BMP	1920 x 1080
*.mpo	MPO	15360 x 8640

◄ ►

■ Music

Playing Music

1. Press the ◄/►/▲/▼ button to select the desired Music in the file list.

2. Press the **ENTER**↵ button or ► (Play) button.

   – You can use ◄◄ (REW) and ►► (FF) buttons during playback.

Ⓝ Only displays the files with supported music file extension. Other file extensions are not displayed, even if they are saved on the same USB device.

Ⓝ If the sound is abnormal when playing music files, adjust the **Equaliser** in the **Sound** menu. (An over-modulated music file may cause a sound problem.)

◄ ►

N Using the playback menu

‒ Press the ◀/▶ button to select the desired menu.

● **Play / Pause**: You can start or stop a music. Alternatively push the ▶ or ‖ button on the remote.

● **Repeat Mode (Off / One Song / All)**: You can play music files repeatedly.

● **Shuffle Mode (Off / On)**: You can play the music randomly.

● **Sound Mode (Standard / Music / Movie / Clear Voice / Amplify)**

◀ ▶

● Supported Music Formats

File Extension	Type	Codec	Remark
*.mp3	MPEG	MPEG1 Audio Layer 3	
*.m4a *.mpa *.aac *.3ga	MPEG4	ACC	
*.flac	FLAC	FLAC	● Seek is not supported. Supports up to 2ch.
*.ogg	OGG	Vorbis	● Supports up to 2ch.
*.wma	WMA	WMA	● WMA supports up to 10 Pro 5.1 channel and M2 profile. (LBR mode of M0 is not supported)

◀ ▶

English

❏ Media Play - Additional Functions

Playing the selected Videos/Music/Photos files

1. Press the **TOOLS** button at each main screen and select **Play selection**.

2. Select the desired files.
   - Ⓜ The check box appears to the left of the selected files.

3. Press the ▶ button to select **Play**.
   - Ⓜ You can select or deselect all files pressing the **Select All / Deselect All**.

◀ ▶

English

Videos/Music/Photos Play Option menu

Press the **TOOLS** button and select play selections.

Category	Operation	Videos	Photos	Music
Title Search	You can move the other file directly.	✓		
Time Search	You can search the video using ◀ and ▶ button at one minute interval or entering the number directly. ✎ It may not be supported depending on the input source.	✓		
Shuffle Mode	You can play the music randomly.			✓
Repeat Mode	You can play movie files repeatedly.	✓		✓
Picture Size	You can adjust the picture size to your preference.	✓		
Picture Mode	You can adjust the picture setting.	✓	✓	
Sound Mode	You can adjust the sound setting.	✓	✓	✓
Audio Language	You can change the audio language if the video has more than one language.	✓		
Subtitle	You can set subtitles on/off.	✓		

◀ ▶

English

Category	Operation	Videos	Photos	Music
Subtitle Settings	You can play the video with subtitles. This function only works if the subtitles are the same file name as the video.	✓		
Start Slide Show / Stop Slide Show	You can start or stop a slide show.		✓	
Slide Show Speed	You can select the slide show speed during the slide show.		✓	
Background Music On / Background Music Off	You can set on/off background music when watching a slide show.		✓	
Background Music Setting	You can select background music when watching a slide show.		✓	
Zoom	You can zoom into images in full screen mode.		✓	
Rotate	You can rotate images in full screen mode.		✓	
Play selection	Select and play multiple files.	✓	✓	✓
Information	You can see detailed information about the played file.	✓	✓	✓

◀ ▶

English

NOTE

- Contents may not be played on your TV depending on their resolution and format.
- The **ENTER**↵ and ◄/► buttons may not work depending on the type of Media.
- Using the mobile device, you can control the media playing. For details, refer to each mobile's user's guide.

◄ ►

English

❑ Anti-theft Kensington Lock

The Kensington Lock is not supplied by Samsung. It is a device used to physically fix the system when using it in a public place. The appearance and locking method may differ from the illustration depending on the manufacturer. Refer to the manual provided with the Kensington Lock for additional information on proper use.

N Please find a "🔒" icon on the rear of the TV. A kensington slot is beside the "🔒" icon.

N The position and colour may differ depending on the model.

To lock the product, follow these steps:

1. Wrap the Kensington lock cable around a large, stationary object such as desk or chair.

TV Rear

Optional

◀   ▶

2. Slide the end of the cable with the lock attached through the looped end of the Kensington lock cable.

3. Insert the locking device into the Kensington slot on the product.

4. Lock the lock.

✎ These are general instructions. For exact instructions, see the User manual supplied with the locking device.

✎ The locking device has to be purchased separately.

◀ ▶

English

❑ Troubleshooting

If you have any questions about the TV, first refer to this list. If none of these troubleshooting tips apply, please visit "www.samsung.com", then click on Support.

Issues	Solutions and Explanations
Picture Quality	First of all, please perform the **Picture Test** and confirm that your TV is properly displaying test image. (go to **MENU** - **Support - Self Diagnosis - Picture Test**) If the test image is properly displayed, the poor picture may caused by the source or signal.
The TV image does not look as good as it did in the store.	• If you have an analogue cable/set top box, upgrade to a digital set top box. Use HDMI or Component cables to deliver HD (high definition) picture quality. • Cable/Satellite subscribers: Try HD stations from the channel line up. • Antenna connection: Try HD stations after performing Auto tuning. • Many HD channels are up scaled from SD (Standard Definition) contents. • Adjust the Cable/Set top box video output resolution to 1080i or 720p. • Make sure you are watching the TV at the minimum recommended distance based on the size and definition of the signal.

◀ ▶

English

Issues	Solutions and Explanations
The picture is distorted: macroblock error, small block, dots, pixelization	• Compression of video contents may cause picture distortion especially in fast moving pictures such as sports and action movies. • Low signal level or bad quality can cause picture distortion. This is not a TV issue. • Mobile phones used close to the TV (cca up to 1m) may cause noise in picture on analogue and digital TV.
Colour is wrong or missing.	• If you're using a component connection, make sure the component cables are connected to the correct jacks. Incorrect or loose connections may cause colour problems or a blank screen.
There is poor colour or brightness.	• Adjust the **Picture** options in the TV menu. (go to **Picture Mode / Colour / Brightness / Sharpness**) • Adjust **Energy Saving** option in the TV menu. (go to **MENU** - **System - Eco Solution - Energy Saving**) • Try resetting the picture to view the default picture settings. (go to **MENU** - **Picture - Reset Picture**)
There is a dotted line on the edge of the screen.	• If the picture size is set to **Screen Fit**, change it to **16:9**. • Change cable/satellite box resolution.
The picture is black and white.	• If you are using an AV composite input, connect the video cable (yellow) to the Green jack of component input 1 on the TV.

◀ ▶

Issues	Solutions and Explanations
When changing channels, the picture freezes or is distorted or delayed.	● If connected with a cable box, please try to reset the cable box. Reconnect the AC cord and wait until the cable box reboots. It may take up to 20 minutes. ● Set the output resolution of the cable box to 1080i or 720p.
Sound Quality	First of all, please perform the **Sound Test** to confirm that your TV audio is properly operating. (go to **MENU** - **Support - Self Diagnosis - Sound Test**) If the audio is OK, the sound problem may caused by the source or signal.
There is no sound or the sound is too low at maximum volume.	● Please check the volume of the device (Cable/Sat Box, DVD, Blu-ray etc) connected to your TV.
The picture is good but there is no sound.	● Set the **Speaker Select** option to **TV Speaker** in the sound menu. ● If you are using an external device, make sure the audio cables are connected to the correct audio input jacks on the TV. ● If you are using an external device, check the device's audio output option (ex. you may need to change your cable box's audio option to HDMI when you have a HDMI connected to your TV). ● If you are using a DVI to HDMI cable, a separate audio cable is required. ● Reboot the connected device by reconnecting the device's power cable. ● If your TV has a headphone jack, make sure there is nothing plugged into it.

◀ ▶

Issues	Solutions and Explanations
The speakers are making an inappropriate noise.	● Check the cable connections. Make sure a video cable is not connected to an audio input. ● For antenna or cable connections, check the signal strength. Low signal level may cause sound distortion.
No Picture, No Video	
The TV will not turn on.	● Make sure the AC power cord is securely plugged in to the wall outlet and the TV. ● Make sure the wall outlet is working. ● Try pressing the **POWER** button on the TV to make sure the problem is not the remote. If the TV turns on, refer to "The remote control does not work" below.
The TV turns off automatically.	● Ensure the **Sleep Timer** is set to **Off** in the **Time** menu. ● If your PC is connected to the TV, check your PC power settings. ● Make sure the AC power cord is plugged in securely to the wall outlet and the TV. ● When watching TV from an antenna or cable connection, the TV will turn off after15 / 30 / 60 minutes if there is no signal.

◀   ▶

Issues	Solutions and Explanations
There is no picture/video.	● Check cable connections (remove and reconnect all cables connected to the TV and external devices).
	● Set your external device's (Cable/Set top Box, DVD, Blu-ray etc) video outputs to match the connections to the TV input. For example, if an external device's output is HDMI, it should be connected to an HDMI input on the TV.
	● Make sure your connected devices are powered on.
	● Be sure to select the TV's correct source by pressing the **SOURCE** button on the remote control.
	● Reboot the connected device by reconnecting the device's power cable.
RF(Cable/Antenna) Connection	
The TV is not receiving all channels.	● Make sure the Antenna cable is connected securely.
	● Please try **Setup** (Initial setup) to add available channels to the channel list. Go to **MENU** - **System - Setup** (Initial setup) and wait for all available channels to be stored.
	● Verify the Antenna is positioned correctly.

◀ ▶

Issues	Solutions and Explanations
The picture is distorted: macro block error small block, dots, pixelization	● Compression of video contents may cause picture distortion, especially on fast moving pictures such as sports and action movies. ● A low signal can cause picture distortion. This is not a TV issue.
Others	
The picture will not display in full screen.	● HD channels will have black bars on either side of the screen when displaying up scaled SD (4:3) contents. ● Black bars on the top and bottom will appear during movies that have aspect ratios different from your TV. ● Adjust the picture size options on your external device or TV to full screen.
The remote control does not work.	● Replace the remote control batteries with the poles (+/−) in the right direction. ● Clean the sensor's transmission window on the remote. ● Try pointing the remote directly at the TV from 5~6 feet away.
The cable/set top box remote control doesn't turn the TV on or off, or adjust the volume.	● Programme the Cable/Set top box remote control to operate the TV. Refer to the Cable/Set user manual for the SAMSUNG TV code.

◀ ▶

Issues	Solutions and Explanations
A "**Mode Not Supported**" message appears.	● Check the supported resolution of the TV, and adjust the external device's output resolution accordingly.
There is a plastic smell from the TV.	● This smell is normal and will dissipate over time.
The TV **Signal Information** is unavailable in the **Self Diagnosis** Test menu.	● This function is only available with digital channels from an Antenna / RF / Coaxial connection.
TV is tilted to the right or left side.	● Remove the stand base from the TV and reassemble it.
There are difficulties assembling the stand base.	● Make sure the TV is placed on a flat surface. If you can not remove the screws from the TV, please use a magnetized screw driver.
The **Channel** menu is grey out (unavailable).	● The **Channel** menu is only available when the TV source is selected.

◀   ▶

Issues	Solutions and Explanations
Your settings are lost after 30 minutes or every time the TV is turned off.	● If the TV is in the **Store Demo** mode, it will reset audio and picture settings every 30 minutes. Change the settings from **Store Demo** mode to **Home Use** mode in the **Setup** (Initial setup) procedure. Press the **SOURCE** button to select **TV** mode, and go to **MENU** → **System** → **Setup** (Initial setup) → **ENTER**E.
You have intermittent loss of audio or video.	● Check the cable connections and reconnect them. ● Loss of audio or video can be caused by using overly rigid or thick cables. Make sure the cables are flexible enough for long term use. If mounting the TV to the wall, we recommend using cables with 90 degree connectors.
You see small particles when you look closely at the edge of the frame of the TV.	● This is part of the product's design and is not a defect.
The **PIP** menu is not available.	● **PIP** functionality is only available when you are using a HDMI,PC or components source.
You turned the TV off 45 minutes ago, and it turned on again.	● It is normal. The TV operates the OTA (Over The Aerial) function itself to upgrade firmware downloaded whilst your watching TV.

◀ ▶

Issues	Solutions and Explanations
There are recurrent picture/sound issues.	● Check and change the signal/source.
A reaction may occur between the rubber cushion pads on the base stand and the top finish of some furniture.	● To prevent this, use felt pads on any surface of the TV that comes in direct contact with furniture.
The message "**This file may not be playable properly.**" appears.	● This may appear because of high bit rate of content. Content generally will play but could experience some playability issue.

◄   ►

❏ Licence

SRS⊙ TheaterSound HD

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SRS TheaterSound™ provides the most immersive surround sound experience from the TVs built-in speakers, while maintaining steady volume and delivering rich bass and clear dialog.

◀

▷◁ DOLBY DIGITAL PLUS PULSE

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▶

⑤dts 2.0+Digital Out

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English

HƆMI

DIVX HD DivX Certified to play DivX video up to HD 1080p, including premium content.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx. com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration. Covered by one or more of the following U.S. patents : 7,295,673; 7,460,668; 7,515,710; 7,519,274

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English