SAMSUNG

PDP-TELEVISION
(PLASMA DISPLAY PANEL)

Owner's Instructions

Before operating the unit,
please read this manual thoroughly,
and retain it for future reference.

ON-SCREEN MENUS
Picture In Picture (PIP)
Energy Saving
TELETEXT (Option)
SRS◉ SRS TruSurroundXT
DNIe™ Digital Natural Image engine

This device is a Class B digital apparatus.
Register your product at www.samsung.com/global/register

User Instructions

◆ **Screen Image retention**
Do not display a still image (such as on a video game or when hooking up a PC to this PDP) on the plasma monitor panel for more than 2 hours as it can cause screen image retention. This image retention is also known as "screen burn". To avoid such image retention, reduce the degree of brightness and contrast of the screen when displaying a still image.

◆ **Height**
The PDP can normally operate only under 2000m in height. It might abnormally function at a place over 2000m in height so do not install and operate there.

◆ **Heat on the top of the PDP TV**
The top side of the product may be hot after long periods of use as heat dissipates from the panel through the vent hole in the upper part of the product. This is normal and does not indicate any defect or operation failure of the product. However, children should be prevented from touching the upper part of the product.

◆ **The product is making a 'cracking' noise.**
A 'cracking' noise may occur when the product contracts or expands due to a change of surrounding environment such as temperature or humidity. This is normal and not a defect of the unit.

◆ **Cell Defects**
The PDP uses a panel consisting of 1,230,000(SD-level) to 3,150,000(HD-level) pixels which require sophisticated technology to produce. However, there may be few bright or dark pixels on the screen.
These pixels will have no impact on the performance of the product.

◆ **Avoid operating the TV at temperatures below 5°C(41°F)**

◆ **A still image displayed too long may cause permanent damage to the PDP Panel.**

Watching the PDP TV in 4:3 format for a long period of time may leave traces of borders displayed on the left, right and centre of the screen caused by the difference of light emission on the screen.
Playing a DVD or a game console may cause similar effect to the screen.
Damages caused by the above effect are not covered by the Warranty.

◆ **Afterimage on the Screen.**
Displaying still images from Video games and PC for longer than a certain period of time may produce partial after images. To prevent this effect, reduce the 'brightness' and 'contrast' when displaying still images.

◆ **Warranty**
- Warranty does not cover any damage caused by image retention.
- Burn-in is not covered by the warranty.

◆ **Installation**
Be sure to contact an authorized service centre, when installing your set in a location with heavy dust, high or low temperatures, high humidity, chemical substance and where it operates continually such as the airport, the train station etc. Failure to do so may cause a serious damage to your set.

Checking Parts

Owner's Instructions   Remote Control/ AAA Batteries

Power Cord   Ferrite Core for Antenna Cable and Power Cord

Sold Separately

S-VIDEO Cable   HDMI Cable   Antenna Cable   Component Cables (RCA)
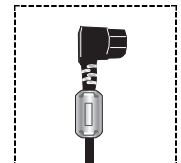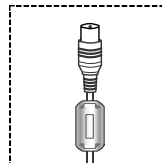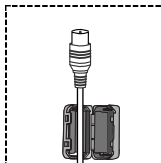
PC Cable   PC Audio Cable   HDMI/DVI Cable

➤ **Ferrite Core (Power Cord, Antenna Cable)**
The ferrite core is used to shield the cable from interference. When connecting a cable, open the ferrite core and clip it around the cable.

Contents

Contents

Symbols

▲
Press

☛
Important

➢
Note

Control Panel

➢ The product colour and shape may vary depending on the model.

Front (or Side) Panel

Speaker
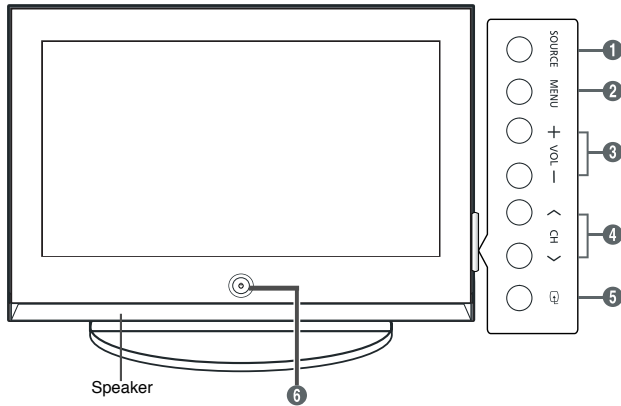
❶ **SOURCE**
Displays a menu of all of the available input sources
(TV, AV1, AV2, S-Video, Component1, Component2,
PC, HDMI, DTV).

❷ **MENU**
Press to see the on-screen menu of your TV's
features.

❸ **VOL +, −**
Press to increase or decrease the volume.
In the on-screen menu, use the **VOL +**, **−** buttons as
you use the ◄ and ► buttons on the remote control.

❹ **CH ∧, ∨**
Press to change channels. In the on-screen menu,
use the **CH ∧**, **∨** buttons as you use the ▲ and ▼
buttons on the remote control.

❺ ⏎ **(ENTER)**
Press to confirm a selection.

❻ ⏻ **(Power) button**
Press to turn the TV on and off.

Power Indicator
- Power Off: Blue
- Power On: Off

Remote Control Sensor
Aim the remote control towards this spot on the TV.

Connection Panel

➢ The product colour and shape may vary depending on the model.

Side Panel
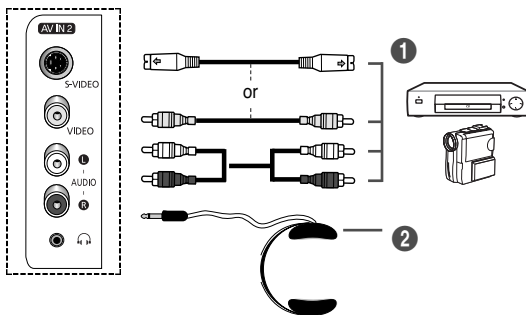
❶ **S-Video or Video / Audio L/R**
- Video (S-Video or Video) and
audio inputs for external devices,
such as a camcorder or VCR.

❷ **headphones jack**
- You can connect a set of
headphones to your television if
you wish to watch a television
programme without disturbing the
other people in the room.

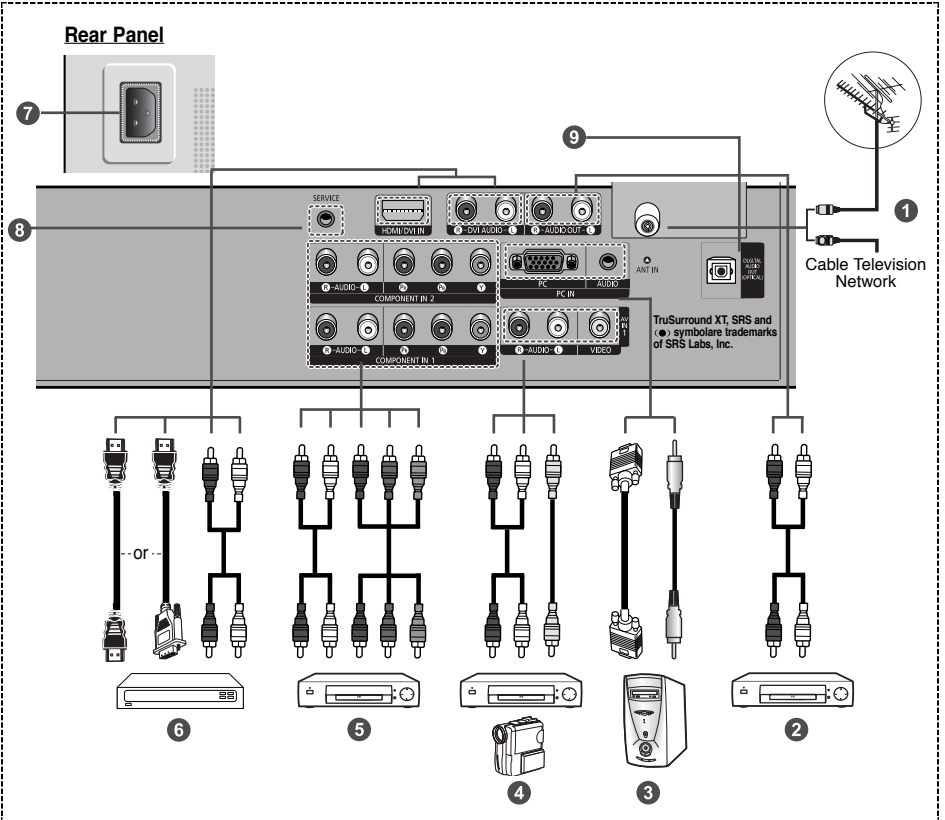➢ Prolonged use of headphones
at a high volume may damage
your hearing.

Connection Panel

➢ The product colour and shape may vary depending on the model.

Rear Panel

☛ Whenever you connect an audio or video system to your set, ensure that all elements are switched off.
☛ When connecting an external device, match the colour of the connection terminal to the cable.

❶ ANT IN VHF/UHF (75Ω)
- 75Ω Coaxial connector for Aerial/Cable Network.

❷ Connecting external Audio Devices
- Connect RCA audio signals from the TV to an external source, such as Audio equipment.

❸ PC IN / AUDIO
- Connect to the video and audio output jack on your PC.

❹ Connecting External A/V Devices
- Connect RCA cable to an appropriate external A/V device such as VCR, DVD or Camcorder.
- Connect RCA audio cables to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio out connectors on the A/V device.

❺ COMPONENT IN 1, COMPONENT IN 2
- Video (Y/PB/PR) and audio (AUDIO L/R) inputs for Component.

❻ HDMI/DVI IN
- Connect to the HDMI jack of a device with HDMI output. These inputs can also be used as a DVI connection with separate analog audio inputs. An optional HDMI/DVI cable will be necessary to make this connection. When using the optional HDMI/DVI adapter, the DVI analog audio inputs on your TV allow you to receive left and right audio from your DVI device. (Not compatible with PC)

- When connecting this product via HDMI or DVI to a Set Top Box, DVD Player or Games Console etc, make sure that it has been set to a compatible video output mode as shown in the table below. Failure to observe this may result in picture distortion, image breakup or no picture.
- Do not attempt to connect the HDMI/DVI connector to a PC or Laptop Graphics Card.
 (This will result in a blank screen being displayed)

DVI AUDIO IN L/R
- DVI audio outputs for external devices.

❼ POWER IN
- Connect the supplied power cord.

❽ SERVICE
- Connector for service only.

❾ DIGTAL AUDIO OUT (OPTICAL)
Connect optical digital audio cable to "DIGITAL AUDIO OUT" on the rear of your set and the other end to "DIGITAL IN" of the equipment with a digital input to enjoy digital sound.

➢ Supported modes for HDMI/DVI and Component

	480i	480p	576i	576p	720p	1080i
HDMI/DVI 50Hz	X	X	X	O	O	O
HDMI/DVI 60Hz	X	O	X	X	O	O
Component	O	X	O	O	O	O

Viewing the Remote Control (depending on the model)

❶ Select the TV mode directly

❷ POWER button
(turns the TV on and off)

❸ Number buttons for direct channel access

❹ One/Two-digit channel selection

❺ Channel control button
(Refer to page 15)

❻ Interchange the TV and DTV mode

❼ VCR/DVD functions
- REWIND (REW)
- STOP
- PLAY/PAUSE
- FAST FORWARD (FF)

❽ ⊕ Volume increase
⊖ Volume decrease

❾ Temporary sound switch-off

❿ Displays the main on-screen menu

⓫ Control the cursor in the menu

⓬ Use to see information on the current broadcast

⓭ Electronic program guide (EPG) display

⓮ Picture effect selection
(Refer to page 18)

⓯ Picture-In-Picture On/Off

⓰ Picture freeze

⓱ Sound mode selection

⓲ Make the remote control work for STB, VCR, CABLE or DVD

⓳ Available source selection

⓴ Previous channel

㉑ DTV menu display

㉒ Automatic Power-off

㉓ ⌃ Next channel
⌄ Previous channel

㉔ Exit the on-screen menu

㉕ Sound effect selection
(Refer to page 21)

㉗ Picture size selection

㉘ Digital subtitle display

㉙ TruSurround XT mode button

㉚ Remote control setup

㉛ If your remote control is not functioning properly, take out the batteries and press the reset button for about 2~3 seconds. Re-insert the batteries and try using the remote control again.

Teletext Functions (Refer to page 51)

❻ Exit from the teletext display (depending on the model)

❿ Teletext index

⓬ Teletext reveal

⓮ Teletext size selection

⓯ Teletext hold

⓳ Teletext mode selection (LIST/FLOF)

⓴ Teletext sub page

㉓ P ⌃: Teletext next page
P ⌄: Teletext previous page

㉔ Teletext cancel

㉕ Teletext display/mix both teletext information and the normal broadcast

㉖ Teletext store

⓮ ⓯ ㉖ Fastext topic selection
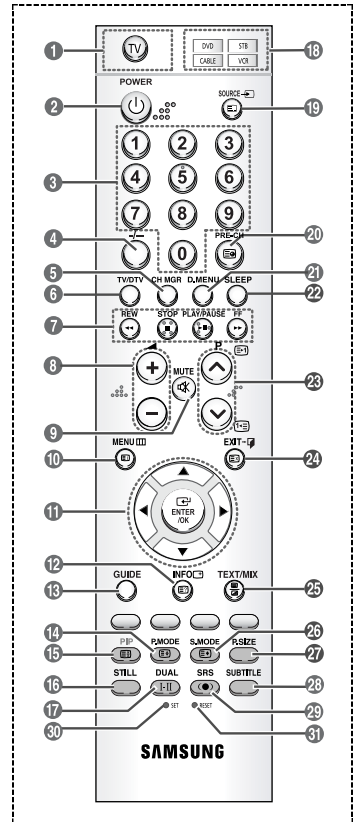
➤ The performance of the remote control may be affected by bright light.

➤ This is a special remote control for the visually impaired, and has Braille points on the Power, Channel and Volume buttons.

Installing Batteries in the Remote Control
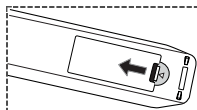
1   Lift the cover at the back of the remote control upward as shown in the figure.

2   Install two AAA size batteries.
    ➢   Make sure to match the "+" and "–" ends of the batteries with the diagram
        inside the compartment.

3   Close the cover as shown in the figure.
    ➢   Remove the batteries and store them in a cool, dry place if you won't be using
        the remote control for a long time.
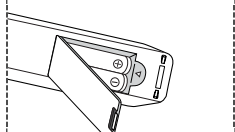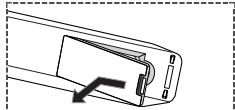
➢   **If the remote control doesn't work! Check the following:**
    1. Is the TV power on?
    2. Are the plus and minus ends of the batteries reversed?
    3. Are the batteries drained?
    4. Is there a power cut, or is the power cord unplugged?
    5. Is there a special fluorescent light or a neon sign nearby?

Switching Your Television On and Off

The mains lead is attached to the rear of the television.

1   Plug the mains lead into an appropriate socket.

    ➢   The main voltage is indicated on the rear of the television and the frequency is 50 or 60Hz.

2   Press the ⏻ (Power) button (On/Off) on the front of the television or press the **POWER** (⏻) button on the remote
    control to switch the television on. The programme that you were watching last is re-selected automatically.
    If you have not yet stored any channels, no clear picture appears. Refer to "Storing Channels Automatically"
    on page 13 or "Storing Channels Manually" on page 14.

    ➢   If the television is initially powered on, several basic customer settings proceed automatically.
        Refer to "Plug & Play Feature" on page 10.

3   To switch the television off, press the ⏻ (Power) button (On/Off) on the front of the television or press the
    POWER (⏻) button on the remote control.

4   To switch the TV on, press the ⏻ (Power) button (On/Off) on the front of the TV or press the **POWER** (⏻) button
    or number buttons on the remote control.

Viewing the Menus

1   Press the **MENU** (▢▢▢) button.
    The main menu is displayed on the screen.
    Its left side has five icons: **Input**, **Picture**, **Sound**, **Channel**, and **Setup**.

2   Press the ▲ or ▼ button to select one of the icons.
    Press the **ENTER** (⊡⌐) button to access the icon's sub-menu.

3   Press the ▲ or ▼ button to move to items in the menu.
    Press the **ENTER** (⊡⌐) button to enter items in the menu.

4   Press the ▲/▼/◄/► button to change the selected items.
    Press the **MENU** (▢▢▢) button to return to the previous menu.

5   Press the **EXIT** button to exit from the menu.

TV	Input	
🐟	Source List : TV	▷
	Edit Name	▷
🖼		
🔊		
☁		
🛠		
	✦ Move ⊡ Enter ▥ Exit	
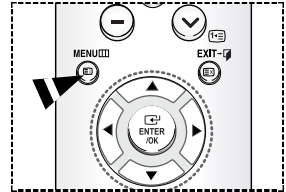
Freezing the Current Picture

You can freeze the picture when watching a television programme simply by pressing the "**STILL**" button. To return to normal viewing, press it again.

➢   This function will automatically cancel five minutes later.
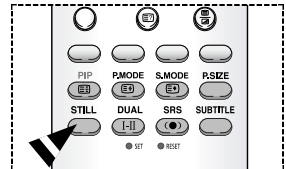
Plug & Play Feature

When the television is initially powered on, several basic customer settings proceed automatically and subsequently. The following settings are available.

```
Plug & Play

Start Plug & Play.

    OK

Enter    Exit
```

```
Plug & Play

Check antenna input.

    OK

Enter    Skip
```

```
Plug & Play

Auto Store
P  1   C  --      40  MHz
                         0 %
      Start

Enter    Skip
```

```
Plug & Play

Auto Store
P  1   C  --      40  MHz
                         0 %
      Stop

Enter    Skip
```

```
Plug & Play

Clock Set    -- : --

Enter    Skip
```

```
Plug & Play

Clock Set    12 : 00

Move   Adjust   Enter   Skip
```
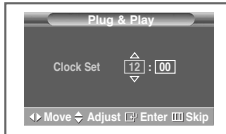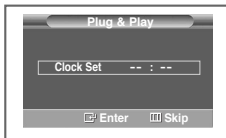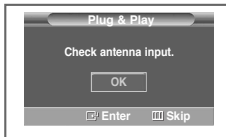
1   If the television is in standby mode, press the **POWER** (⏻) button on the remote control. The message to start Plug & Play is displayed.

2   Make sure that the antenna is connected to the TV.
Press the **ENTER** (⏎) button. The **menu** to select channels is displayed

3   To start channel store, press the **ENTER** (⏎) button.
The search will end automatically. The TV will begin memorizing all of the available channels.
Press the **ENTER** (⏎) button to set the clock.

4   Press the ◄ or ► button to select the hour or minute.
Set these by pressing the ▲ or ▼ button.

➢ You can enter the hours or minutes by using the numeric buttons on the remote control.

5 Plug and Play for TV complete, and Plug and Play for DTV will start automatically.
The search will end automatically. Channels are sorted and stored in the order which reflects their position in the frequency range (with lowest first and highest last). When this has finished, the menu to set the Time Zone will be displayed.

➤ To stop DTV channel the search before it has finished or return to normal viewing, press the **D.MENU** or the **ENTER** (⊕) button.

6 Select the time zone where you locate by pressing the ▲ or ▼ button. Press the **ENTER** (⊕) button.
The following options are available.

```
New South Wales/ACT - Victoria - Queensland - South
Australia - Western Australia - Tasmania - Northern
Territory
```

7 Press the **ENTER** (⊕) button to confirm your setting.
The message "**Enjoy your watching**" is displayed.

If you want to reset this feature …

1 Press the **MENU** (▥) button to display the menu. (On TV mode)

2 Press the ▲ or ▼ button to select **Setup**, then press the **ENTER** (⊕) button.

3 Press the **ENTER** (⊕) button again to select **Plug & Play**.
The message to start Plug & Play is displayed.

	Plug & Play
	Scanning for digital services...
	▓▓▓▓▓▓ 39%
	Services found:0 Channel:9A
	Stop
	D.MENU **Skip**

The channel list is being updated.
To abort the scan press D.MENU.

	Plug & Play
New South Wales/ACT	
Victoria	
Queensland	
South Australia	
Western Australia	
Tasmania	
Northern Territory	
⬍ **Move**	⊕ **Select** D.MENU **Skip**

Selects the time zone where you locate

	Plug & Play
New South Wales/ACT	
Victoria	
Queensland	
South Australia	
Western Australia	
Tasmania	
Northern Territory	
⬍ **Move**	⊕ **Select** D.MENU **Skip**

Selects the time zone where you locate

	Plug & Play
	Enjoy your watching
	OK
	D.MENU **Exit**

TV	Setup
	Plug & Play ▷
	Language : English
	Time ▷
	Game Mode : Off ▷
	Blue Screen : Off ▷
	Melody : Off ▷
	PC ▷
	▽ More
	⬍ **Move** ⊕ **Enter** ▥ **Return**

Viewing an External Signal Source

You can switch between viewing signal from connected equipment, such as a VCR, DVD, Set-Top Box, and the TV source (broadcast or cable).

TV	Input	
	Source List : TV	▷
	Edit Name	▷

♦ Move   Enter   Ⅲ Return

1 Press the **MENU** (▯▯) button to display the menu.

2 Press the **ENTER** (↵) button to select **Source List**.

3 Press the **ENTER** (↵) button again.

4 Press the ▲ or ▼ button to select the signal source, then press the **ENTER** (↵) button.

Available signal source: **TV**, **AV1**, **AV2**, **S-Video**, **Component1**, **Component2**, **PC**, **HDMI**, **DTV**

TV	Source List	
	TV	
	AV1	: ----
	AV2	: ----
	S-Video	: ----
	Component1	: ----
	Component2	: ----
	PC	: ----
	HDMI	: ----
	DTV	

♦ Move   Enter   Ⅲ Return
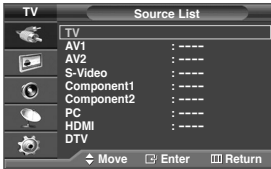
➢ You can select these options simply by pressing the **SOURCE** button on the remote control. (Only for External Signal Source)
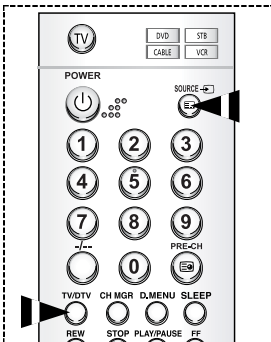
Editing Device Names

You can give a name to the external source.

TV	Input	
	Source List : TV	▷
	Edit Name	▷

♦ Move   Enter   Ⅲ Return

1 Press the **MENU** (▯▯) button to display the menu.

2 Press the **ENTER** (↵) button.

3 Press the ▲ or ▼ button to select **Edit Name**, then press the **ENTER** (↵) button.

4 Press the ▲ or ▼ button to select the external source to be edited, then press the **ENTER** (↵) button.

5 Select the required device by pressing ▲ or ▼, then press the **ENTER** (↵) button.

Available device names: **VCR**, **DVD**, **D-VHS**, **Cable STB**, **HD STB**, **Satellite STB**, **AV Receiver**, **DVD Receiver**, **Game**, **Camcorder**, **DVD Combo**, **DHR (DVD HDD Recorder)**, or **PC**.

TV	Edit Name	
	AV1	----
	AV2	
	S-Video	: VCR
	Component1	DVD
	Component2	D-VHS
	PC	Cable STB
	HDMI	▼

♦ Move   Enter   Ⅲ Return
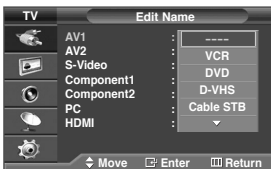
6 Press the **EXIT** button to exit.

Storing Channels Automatically

You can scan for the frequency ranges available to you (availability depends on your Country).
Automatically allocated programme numbers may not correspond to actual or desired programme numbers.
However you can sort numbers manually and clear any channels you do not wish to watch.

1   Press the **MENU** (⬚) button to display the menu.

2   Press the ▲ or ▼ button to select **Channel**, then press the **ENTER** (⬚)
button.

3   Press the ▲ or ▼ button to select **Auto Store**, then press the **ENTER** (⬚)
button.

4   Press the **ENTER** (⬚) button again to start the search.
The search will end automatically.

     ➢ To stop the search before it has finished, press the **MENU** (⬚) or the
ENTER (⬚) button.

     ➢ The Australia is the default in the Country cases depending on the
model.

TV	Channel
	Country : Australia
	Auto Store ▷
	Manual Store ▷
	Channel Manager ▷
	Sort ▷
	Name ▷
	Fine Tune ▷
	⬚ Move ⬚ Enter ⬚ Return

Auto Store
P 1 C -- 40 MHz
0 %
Start
⬚ Enter ⬚ Return

Storing Channels Manually

You can store television channels, including those received via cable networks.
When storing channels manually, you can choose:
◆ Whether or not to store each of the channels found.
◆ The programme number of each stored channel which you wish to identify.

TV	Channel
🐟	Country : Australia
	Auto Store ▷
📺	Manual Store ▷
	Channel Manager ▷
◉	Sort ▷
	Name ▷
🔊	Fine Tune ▷
🔧	
	‡ Move 🖅 Enter ⊞ Return

TV	Manual Store
🐟	Programme : P 1
	Colour System : AUTO ▷
📺	Sound System : BG ▷
	Channel : C 2
◉	Search : 48 MHz
	Store : ?
🔊	
🔧	
	‡ Move 🖅 Enter ⊞ Return

1 Press the **MENU** (▭) button to display the menu.

2 Press the ▲ or ▼ button to select **Channel**, then press the **ENTER** (⏎) button.

3 Press the ▲ or ▼ button to select **Manual Store**, then press the **ENTER** (⏎) button.

4 Select the required option by pressing the ▲ or ▼ button, then press the **ENTER** (⏎) button.

5 When you are satisfied with your setting, press the **ENTER** (⏎) button.

6 Press the **EXIT** button to exit.

◆ `Programme` (Programme number to be assigned to a channel)
 – Press the ▲ or ▼ button until you find the correct number.

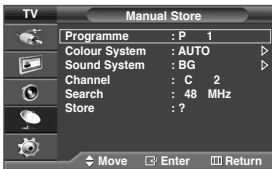◆ `Colour System`: `AUTO/PAL/SECAM/NTSC4.43`
 – Press the ▲ or ▼ button to select the required colour standard.

◆ `Sound System`: `BG/DK/I`
 – Press the ▲ or ▼ button to select the required sound standard.

◆ `Channel` (When you know the number of the channel to be stored)
 – Press the ▲ or ▼ button to select **C** (Air channel) or **S** (Cable channel).
 – Press the ► button, then press the ▲ or ▼ button to select the required number.

 ➢ You can also select the channel number directly by pressing the numeric buttons (0~9).
 ➢ If there is abnormal sound or no sound, re-select the sound standard required.

◆ `Search` (When you do not know the channel numbers)
 – Press the ▲ or ▼ button to start the search.
 – The tuner scans the frequency range until the first channel or the channel that you selected is received on the screen.

◆ `Store` (When you store the channel and associated programme number)
 – Set to **OK** by pressing the **ENTER** (⏎) button.

☞ *Channel mode*
 ◆ **P** (Programme mode): When completing tuning, the broadcasting stations in your area have been assigned to position numbers from P00 to P99. You can select a channel by entering the position number in this mode.
 ◆ **C** (Air channel mode): You can select a channel by entering the assigned number to each air broadcasting station in this mode.
 ◆ **S** (Cable channel mode): You can select a channel by entering the assigned number for each cable channel in this mode.

Adding / Locking Channels

Using the Channel Manager, you can conveniently lock or add channels.

1   Press the **MENU** (🔲) button to display the menu.

2   Press the ▲ or ▼ button to select **Channel**, then press the **ENTER** (↵) button.

3   Press the ▲ or ▼ button to select **Channel Manager**, then press the **ENTER** (↵) button.

◆ `Adding channels`
   Using the Channel Manager, you can add channels.

4   Select the **Channel Manager** by pressing the **ENTER** (↵) button.

5   Move to the (⊞) field by pressing the ▲/▼/◄/► buttons, select a channel to be added, and press the **ENTER** (↵) button to add the channel.

   ➤ If you press the **ENTER** (↵) button again, the (✓) symbol next to the channel disappears and the channel is not added.

◆ `Locking channels`
   This feature allows you to prevent unauthorized users, such as children, from watching unsuitable programmes by muting out video and audio.

6   Press the ▲ or ▼ button to select **Child Lock**, then press the **ENTER** (↵) button.

7   Select `On` by pressing the ▲ or ▼ buttons, then press the **ENTER** (↵) button.

8   Press the ▲ or ▼ buttons to select the **Channel Manager**, then press the **ENTER** (↵) button.

9   Move to the (🔒) field by pressing the ▲/▼/◄/► buttons, select a channel to be locked, and press the **ENTER** (↵) button.

   ➤ If you press the **ENTER** (↵) button again, the (✓) symbol next to the channel disappears and the channel lock is canceled.

   ➤ A blue screen is displayed when Child Lock is activated.

10 Press the **EXIT** button to exit.

➤   You can select these options simply by pressing the **CH MGR** button on the remote control.

TV	Channel	
	Country : Australia	
	Auto Store	▷
	Manual Store	▷
	Channel Manager	▷
	Sort	▷
	Name	▷
	Fine Tune	▷
	♦ Move ☑ Enter ▥ Return	

TV	Channel Manager	
	Channel Manager	▷
	Child Lock : Off	▷
	♦ Move ☑ Enter ▥ Return	

TV	Channel Manager	
	Channel Manager	▷
	Child Lock : On	▷
	♦ Move ☑ Enter ▥ Return	

Channel Manager

P 1 C 16 BBC 1	1 / 10	
Prog.	⊞	🔒
0 C --		
1 BBC 1	✓	
2 C 3	✓	
3 S 1	✓	
4 S 3	✓	
5 S 6	✓	
6 S 7	✓	
7 S 9	✓	
8 S 11	✓	
9 S 12	✓	

⊞ Add   🔒 Lock
♦ Move   ☑ Enter
⟳ Page   ▥ Return
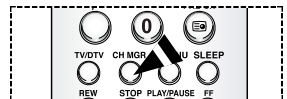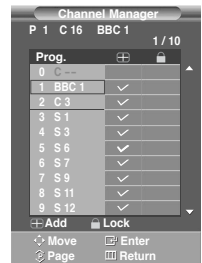
Sorting the Stored Channels

This operation allows you to change the programme numbers of stored channels.
This operation may be necessary after using auto store.
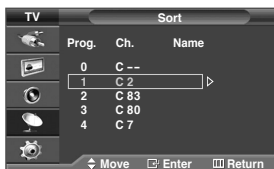
TV	Channel	
	Country	: Australia
	Auto Store	▷
	Manual Store	▷
	Channel Manager	▷
	Sort	▷
	Name	▷
	Fine Tune	▷
	♦ Move 🖃 Enter ▥ Return	

TV	Sort	
	Prog. Ch. Name	
	0 C --	
	1 C 2	▷
	2 C 83	
	3 C 80	
	4 C 7	
	♦ Move 🖃 Enter ▥ Return	

1 Press the **MENU** (▥) button to display the menu.

2 Press the ▲ or ▼ button to select **Channel**, then press the **ENTER** (🖃) button.

3 Press the ▲ or ▼ button to select **Sort**, then press the **ENTER** (🖃) button.

4 Select the channel that you wish to move by pressing the ▲ or ▼ button, then press the **ENTER** (🖃) button.

5 Select the number of the programme to which the channel is to be moved by pressing the ▲ or ▼ button.
Press the **ENTER** (🖃) button. The channel is moved to its new position and all other channels are shifted accordingly.

6 Repeat steps **4** to **5** until you have moved all the channels to the required programme numbers.

7 Press the **EXIT** button to exit.

Assigning Names to Channels

Channel names will be assigned automatically when channel information is broadcast.
These names can be changed, allowing you to assign new names.

TV	Channel	
	Country	: Australia
	Auto Store	▷
	Manual Store	▷
	Channel Manager	▷
	Sort	▷
	Name	▷
	Fine Tune	▷
	♦ Move 🖃 Enter ▥ Return	

TV	Name	
	Prog. Ch. Name	
	0 C --	-----
	1 C 2	A
	2 C 83	-----
	3 C 80	-----
	4 C 7	-----
	◀▶ Move ♦ Adjust ▥ Return	

Channel names will be assigned automatically when channel information is broadcast. These names can be changed, allowing you to assign new names.

1 Press the **MENU** (▥) button to display the menu.

2 Press the ▲ or ▼ button to select **Channel**, then press the **ENTER** (🖃) button.

**3** Press the ▲ or ▼ button to select **Name**, then press the **ENTER** (🖃) button.

4 Press the ▲ or ▼ button to select the channel to be assigned to a new name, then press the **ENTER** (🖃) button.

5 Press the ▲ or ▼ button to select a letter (A~Z), a number (0~9), or a symbol. Move on to the previous or next letter by pressing the ◀ or ▶ button, then press the **ENTER** (🖃) button.

6 Repeat steps **4** to **5** for each channel to be assigned to a new name.

7 Press the **EXIT** button to exit.

Fine Tuning Channel Reception

If the reception is clear, you do not have to fine tune the channel, as this is done automatically during the search and store operation. If the signal is weak or distorted, you may have to fine tune the channel manually.

1 Press the **MENU** ( ) button to display the menu.

2 Press the ▲ or ▼ button to select **Channel**, then press the **ENTER** ( ) button.

3 Press the ▲ or ▼ button to select **Fine Tune**, then press the **ENTER** ( ) button.

4 To obtain a sharp and clear picture and good sound quality, press the ◄ or ► button until you reach the optimal setting. Press the **ENTER** ( ) button.

➤ To reset the fine tuning to **0**, select **Reset** by pressing the ▲ or ▼ button. Press the **ENTER** ( ) button.

5 Press the **EXIT** button to exit.

➤ Fine Tune Store will change the colour of the Channel OSD (On Screen Display) from White to Red and add the "*" mark.

TV	Channel
Country	: Australia
Auto Store	▷
Manual Store	▷
Channel Manager	▷
Sort	▷
Name	▷
Fine Tune	▷

‡ Move   Enter   Return

Fine Tune

P 1 *

+3

Reset

◄► Adjust   Save   Return

P 1 *
Mono

Changing the Picture Standard

You can select the type of picture which best corresponds to your viewing requirements.
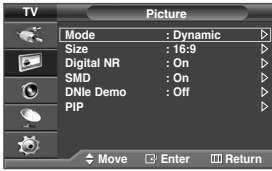
TV	Picture
	Mode : Dynamic ▷
	Size : 16:9 ▷
	Digital NR : On ▷
	SMD : On ▷
	DNIe Demo : Off ▷
	PIP ▷
◆ Move	↵ Enter Ⅲ Return

TV	Mode
	Mode : Dynamic
	Contrast Standard 00
	Brightness Movie 50
	Sharpness Custom 75
	Colour 55
	Tint G 50 R 50
	Colour Tone : Cool 1
	Reset
◆ Move	↵ Enter Ⅲ Return

1 Press the **MENU** (▢▢) button to display the menu.

2 Press the ▲ or ▼ button to select **Picture**, then press the **ENTER** (↵) button.

3 Press the **ENTER** (↵) button twice.

4 Select the required mode by pressing the ▲ or ▼ button, then press the **ENTER** (↵) button.

  Available modes: **Dynamic**, **Standard**, **Movie**, **Custom**

  ➢ The settings values may vary depending on the input source.
    (ex. RF, Video, Component, PC, or HDMI)
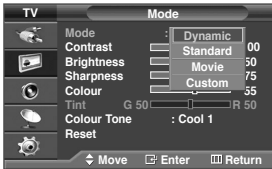
5 Press the **EXIT** button to exit.

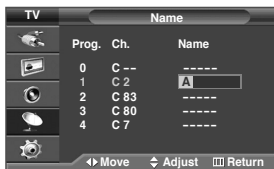➢ You can select these options simply by pressing the **P.MODE** button on the remote control.

➢ ◆ Choose Dynamic for viewing the TV during the day or when there is bright light in the room.
  ◆ Choose Standard for the standard factory settings.
  ◆ Choose Movie when viewing the movie.
  ◆ Choose Custom if you want to adjust the settings according to personal preference.
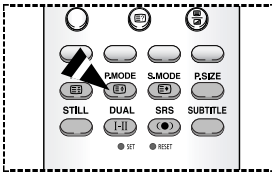
Customizing the Picture Settings

Your television has several setting options that allow you to control the picture quality.
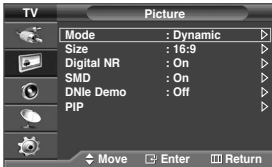
TV	Picture
	Mode : Dynamic ▷
	Size : 16:9 ▷
	Digital NR : On ▷
	SMD : On ▷
	DNIe Demo : Off ▷
	PIP ▷
◆ Move	↵ Enter Ⅲ Return

TV	Mode
	Mode : Dynamic
	Contrast 100
	Brightness 50
	Sharpness Cool 2 75
	Colour Cool 1 55
	Tint G 50 Normal 50
	Colour Tone : Warm 1
	Reset Warm 2
◆ Move	↵ Enter Ⅲ Return

1 Press the **MENU** (▢▢) button to display the menu.

2 Press the ▲ or ▼ button to select **Picture**, then press the **ENTER** (↵) button.

3 Press the **ENTER** (↵) button twice.

4 Select the required mode by pressing the ▲ or ▼ button, then press the **ENTER** (↵) button.

  Available modes: **Dynamic**, **Standard**, **Movie**, **Custom**

5 Select the required option by pressing the ▲ or ▼ button, then press the **ENTER** (↵) button.

6 When you are satisfied with your setting, press the **ENTER** (↵) button.

7 Press the **EXIT** button to exit.
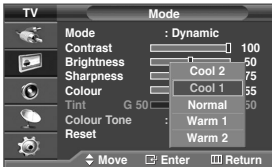
◆ **Contrast** – **Brightness** – **Sharpness** – **Colour** – **Tint** (NTSC only)
◆ **Contrast** – **Brightness** – **Colour** : PC Mode
  Press the ◄ or ► button until you reach the optimal setting.

◆ **Colour Tone**: **Cool 2/Cool 1/Normal/Warm 1/Warm 2**

◆ **Reset**: You can return to the factory defaults picture settings.

  ➢ The reset function is set for each picture mode and colour tone.

Selecting the Picture Size

You can select the picture size which best corresponds to your viewing requirements.

1 Press the **MENU** (⬚⬚) button to display the menu.

2 Press the ▲ or ▼ button to select **Picture**, then press the **ENTER** (↵) button.

3 Press the ▲ or ▼ button to select **Size**, then press the **ENTER** (↵) button.

4 Select the required option by pressing the ▲ or ▼ button, then press the **ENTER** (↵) button.

Available options: **16:9**, **Wide 4:3**, **Zoom**, **4:3**

◆ **16:9**: Sets the picture to **16:9** wide mode.
◆ **Wide 4:3**: Magnify the size of the picture more than **4:3**.
   Move the screen up/down using the ▲ or ▼ button after selecting the ⬚ by pressing the ► or **ENTER** (↵) button.
◆ **Zoom**: Magnify the size of the picture vertically on screen.
◆ **4:3**: Sets the picture to **4:3** normal mode.

5 Press the **EXIT** button to exit.

➤ You can change the picture size simply by pressing the **P.SIZE** button on the remote control.
➤ If you change the picture size when PIP is On, PIP will automatically be turned Off.
➤ Depending on the input source, the picture size options may vary.
➤ The items available may differ depending on the selected mode.
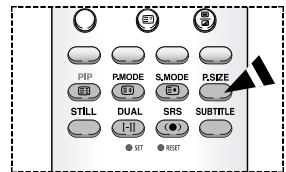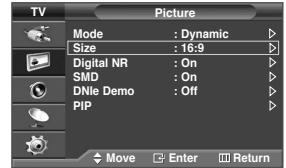
Positioning and Sizing the screen using Zoom

◆ Resizing the screen using the **Zoom** enables the positioning and sizing of the screen to up/down direction using the ▲ or ▼ button as well as the screen size.
◆ Move the screen up/down using the ▲ or ▼ button after selecting the ⬚ by pressing the ◄ or ► button.
◆ Resize the screen vertically using the ▲ or ▼ button after selecting the ⬚ by pressing the ◄ or ► button.

Digital NR / SMD / DNIe Demo
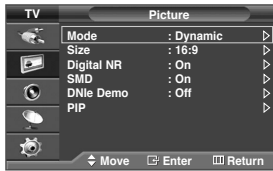
TV	Picture	
	Mode	: Dynamic ▷
	Size	: 16:9 ▷
	Digital NR	: On ▷
	SMD	: On ▷
	DNIe Demo	: Off ▷
	PIP	▷
	◆ Move ⏎ Enter ▥ Return	

1 Press the **MENU** (▥) button to display the menu.

2 Press the ▲ or ▼ button to select **Picture**, then press the **ENTER** (⏎) button.

3 Select the required option by pressing the ▲ or ▼ button, then press the **ENTER** (⏎) button.

   <u>Available options</u>: **Digital NR**, **SMD**, **DNIe Demo**

4 When you are satisfied with your setting, press the **ENTER** (⏎) button.

5 Press the **EXIT** button to exit.

◆ **Digital NR**: **On/Off**
   If the signal received by the television is weak, you can activate this feature to reduce any static and ghosting
   that may appear on the screen.

◆ **SMD(Smooth Motion Driver): On/Off**
   If you set SMD to On, you can view more natural skin and clear text even in fast moving scenes.
   (SMD is applicable only to PAL and SECAM system.)

   ➢ SMD is not available in PC mode.

◆ **DNIe Demo**: **On/Off**
   This TV includes the DNIe function so as to provide a high visual quality.
   If you set DNIe Demo to On, you can view an applied DNIe and a normal picture on the screen, for demonstration purposes. Using this function, you can view the difference in the visual quality.

   ➢ **DNIe™** (**D**igital **N**atural **I**mage **e**ngine) DNIe
      This feature brings you more detailed image with 3D noise reduction, detail enhancement, contrast enhancement and white enhancement. New image compensation Algorithm gives brighter, clearer, more detailed image to you. DNIe™ technology will fit every signal into your eyes.

   ➢ DNIe Demo is not available in PC mode.

Viewing the Picture in Picture (PIP)

You can display a sub picture within the main picture. In this way you can watch TV program or monitor the video input from any connected devices.

1 Press the **MENU** (▭) button to display the menu.

2 Press the ▲ or ▼ button to select **Picture**, then press the **ENTER** (↵) button.

3 Press the ▲ or ▼ button to select **PIP**, then press the **ENTER** (↵) button.

4 Select the required option by pressing the ▲ or ▼ button, then press the **ENTER** (↵) button.

Available options: **PIP(On/Off)**, **Source**, **Position**, **Programme**

5 When you are satisfied with your setting, press the **ENTER** (↵) button.

6 Press the **EXIT** button to exit.

◆ **PIP**: **On/Off**
You can activate or deactivate the PIP function.

➢ You can select these options simply by pressing the **PIP** button on the remote control.

◆ **Source**: **TV/AV1/AV2/S-Video**
You can select a source of the sub-picture.

◆ **Position**: ▣/▣/▣/▣
You can select a position of the sub-picture.

◆ **Programme**
You can select a channel of the sub-picture only when the **Source** is set to **TV**.
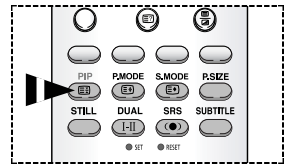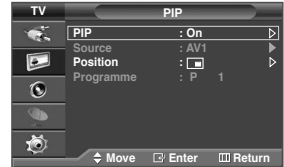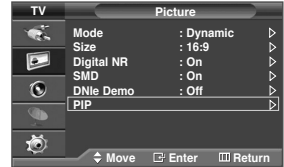
Easy functions of the remote control.

Buttons	Feature
PIP	Used to activate or deactivate the PIP function directly.

Table of PIP Settings   X - This PIP combination is not available.
O - This PIP combination is available.

Main \ Sub	TV	AV1	AV2	S-Video	PC	DTV
TV	X	X	X	X	X	X
AV1	X	X	X	X	X	X
AV2	X	X	X	X	X	X
S-Video	X	X	X	X	X	X
Component1	X	X	X	X	X	X
Component2	X	X	X	X	X	X
HDMI	O	O	O	O	X	X
PC	O	O	O	X	X	X
DTV	X	X	X	X	X	X

Sound Features

< If Game Mode is On >
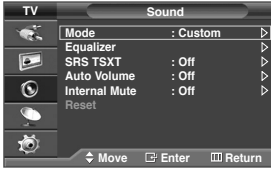
1. Press the **MENU** (▢) button to display the menu.

2. Press the ▲ or ▼ button to select **Sound**, then press the **ENTER** (↵) button.

3. Select the required option by pressing the ▲ or ▼ button, then press the **ENTER** (↵) button.

   Available options: **Mode**, **Equalizer**, **SRS TSXT**, **Auto Volume**, **Internal Mute**, **Reset** (If Game Mode is On)
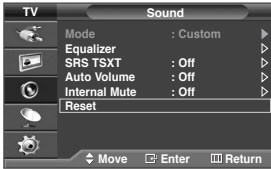
4. When you are satisfied with your setting, press the **ENTER** (↵) button.

5. Press the **EXIT** button to exit.

◆ **Mode**: **Standard/Music/Movie/Speech/Custom**
  You can select the type of special sound effect to be used when watching a given broadcast.

  ➢ You can select these options simply by pressing the **S.MODE** button on the remote control.
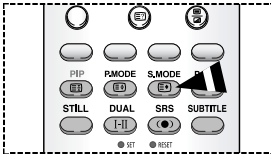
◆ **Equalizer**: **Balance/100Hz/300Hz/1kHz/3kHz/10kHz**
  The television has several settings which allow you to control the sound quality.

  ➢ If you make any changes to these settings, the sound mode is automatically switched to **Custom**.
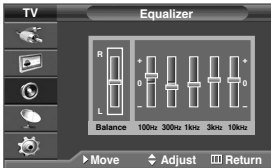
◆ **SRS TSXT**: **On/Off**
  TruSurround XT is a patented SRS technology that solves the of playing 5.1 multichannel content over two speakers. TruSurround delivers a compelling, virtual surround sound experience through any two-speaker playback system, including internal television speakers. It is fully compatible with all multichannel formats.

  ➢ You can select these options simply by pressing the **SRS**(●) button on the remote control.

  ➢ TruSurround XT, SRS and (●) Symbol are trademarks of SRS Labs, Inc. TruSurround XT technology is incorporated under license from SRS Labs, Inc.
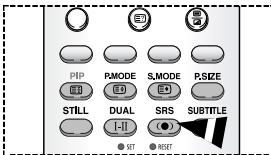
◆ **Auto Volume**: **On/Off**
  Each broadcasting station has its own signal conditions, and so it is not easy to adjust the volume every time the channel is changed. This feature lets you automatically adjust the volume of the desired channel by lowering the sound output when the modulation signal is high or by raising the sound output when the modulation signal is low.

◆ **Internal Mute**: **On/Off**
  If you want to hear the sound through separate speakers, cancel the internal amplifier.

  ➢ The VOL +, VOL - and Mute buttons do not operate when the Internal Mute is set to On.

◆ **Reset**
  If Game Mode is On, the Reset Sound function is activated. Selecting the Reset function after setting the equalizer resets the equalizer setting to the factory defaults.

Time Features

1   Press the **MENU** (▢) button to display the menu.

2   Press the ▲ or ▼ button to select **Setup**, then press the **ENTER** (⊕) button.

3   Press the ▲ or ▼ button to select **Time**, then press the **ENTER** (⊕) button.

4   Select the required option by pressing the ▲ or ▼ button, then press the
       ENTER (⊕) button.

       Available options: `Clock Set`, `Sleep Timer`, `On Timer`, `Off Timer`

5   When you are satisfied with your setting, press the **ENTER** (⊕) button.

6   Press the **EXIT** button to exit.

◆   `Clock Set`
    You can set the television clock so that the current time is displayed when
    pressing the **INFO** button on the remote control. You must also set the time
    if you wish to use the automatic on or off timers.

    –   Press the ◄ or ► button to select `Hour` or `Minute`.
        Set these by pressing the ▲ or ▼ button.

    ➢   You can set the hour and minute directly by pressing the numeric buttons
        on the remote control.

    ➢   In the event of a power interruption or the set being turned off at the
        supply, the settings for the Clock will be lost.

◆   `Sleep Timer`
    You can select a time period of between 30 and 180 minutes after which the
    television automatically switches to standby mode.

    –   Select the preset time interval (`Off`, `30`, `60`, `90`, `120`, `150`, or `180`) for
        staying on by pressing the ▲ or ▼ button.

    ➢   You can select these options simply by pressing the **SLEEP** button on
        the remote control. If the sleep timer is not yet set, `Off` is displayed.
        If it is already set, the remaining time before which the television
        switches to standby mode is displayed.

◆   `On Timer` / `Off Timer`
    You can set the On/Off timers so that the television will switch on or off automatically at the time you select.
☛   You must set the clock first.
    –   `On Timer`:   Select `Hour`, `Minute`, `Programme`, or `Volume` by pressing the ◄ or ► button.
                     Set these by pressing the ▲ or ▼ button.
                     To activate `On Timer` with the setting satisfied, set `Activation` to `Yes` by ▲ or ▼ button.

        ➢   You can set the hour and minute directly by pressing the numeric buttons on the
            remote control.

    –   `Off Timer`: Select `Hour` or `Minute` by pressing the ◄ or ► button.
                     To activate `Off Timer` with the setting satisfied, set `Activation` to `Yes` by ▲ or ▼ button.

        ➢   You can set the hour and minute directly by pressing the numeric buttons on the
            remote control.

☛   **Auto Power Off**
    When you set the timer "On", the television will eventually turn off, if no controls are operated for 3 hours after
    the TV was turned on by timer. This function is only available in timer "On" mode and prevents overheating or
    leakages, which may occur if a TV is on for too long (when you are on vacation, for example).
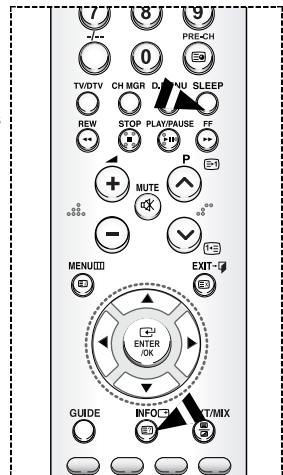
Language / Blue Screen / Melody / Energy Saving

| TV	Setup	
📡	**Plug & Play**	▷
	Language : English	
📺	**Time**	▷
	Game Mode : Off	▷
🔊	**Blue Screen : Off**	▷
	Melody : Off	▷
🌐	PC	▷
	▽ **More**	
⚙		
	♦ Move ☑ Enter ▥ Return	

1 Press the **MENU** (▥) button to display the menu.

2 Press the ▲ or ▼ button to select **Setup**, then press the **ENTER** (↵) button.

3 Select the required option by pressing the ▲ or ▼ button, then press the **ENTER** (↵) button.

   <u>Available options</u>: `Blue Screen`, `Melody`, `Energy Saving`

4 When you are satisfied with your setting, press the **ENTER** (↵) button.

5 Press the **EXIT** button to exit.

♦ `Language`
It is variable depending on the model, English is the default in cases depending on the model.

♦ `Blue Screen`: `On/Off`
If no signal is being received or the signal is very weak, a blue screen automatically replaces the noisy picture background. If you wish to continue viewing the poor picture, you must set the `Blue Screen` to `Off`.

♦ `Melody`: `On/Off`
You can hear melody sound when the television is powered on or off.

♦ `Energy Saving`: `Off/Low/Medium/High`
This feature adjusts the screen brightness depending on the surrounding lighting conditions.
`Off`: Switches off the `Energy Saving` mode.
`Low`: Operates in standard mode regardless of the surrounding illumination.
`Medium`: Enters Medium power saving mode regardless of the surrounding illumination.
`High`: Enters maximum power saving mode regardless of the surrounding illumination.

Using Game Mode

When connecting to a game console such as PlayStation™ or Xbox™, you can enjoy a more realistic gaming experience by selecting game menu.

TV	Setup	
📡	Plug & Play	▷
	Language : English	
📺	**Time**	▷
	Game Mode : Off	▷
🔊	Blue Screen : Off	▷
	Melody : Off	▷
🌐	PC	
	▽ **More**	
⚙		
	♦ Move ☑ Enter ▥ Return	

1 Press the **MENU** (▥) button to display the menu.

2 Press the ▲ or ▼ button to select **Setup**, then press the **ENTER** (↵) button.

3 Press the ▲ or ▼ button to select **Game Mode**, then press the **ENTER** (↵) button.

4 Select **Off** or **On** by pressing the ▲ or ▼ button, then press the **ENTER** (↵) button.

5 Press the **EXIT** button to exit.

➢ To disconnect the game console and connect another external device, cancel game mode in the picture menu.

➢ If you display the TV menu in Game mode, the screen shakes slightly.

➢ Game Mode is not available in TV mode.

➢ **If Game Mode is On :**
   ♦ Picture Mode is automatically changed to Custom and users cannot change the mode.
   ♦ Sound Mode in the Sound menu is deactivated. Adjust the sound using the equalizer.
   ♦ The Reset Sound function is activated. Selecting the Reset function after setting the equalizer resets the equalizer setting to the factory defaults.

Screen Burn Protection

To reduce the possibility of screen burn, this unit is equipped with screen burn prevention technology. This technology enables you to set picture movement up/down (Vertical Line) and side to side (Horizontal Dot). The Time setting allows you to program the time between movement of the picture in minutes.

TV	Setup
	△ More
	Energy Saving : Off ▷
	Screen Burn Protection ▷
	Blue Eye : On
	◆ Move Enter Return

1 Press the **MENU** (▢) button to display the menu.

2 Press the ▲ or ▼ button to select **Setup**, then press the **ENTER** (⏎) button.

3 Press the ▲ or ▼ button to select **Screen Burn Protection**, then press the **ENTER** (⏎) button.

4 Select the required option by pressing the ▲ or ▼ button, then press the **ENTER** (⏎) button.

   Available options: **Pixel Shift**, **All White**, **Signal Pattern**

TV	Screen Burn Protection
	Pixel Shift ▷
	All White ▷
	Signal Pattern ▷
	◆ Move Enter Return

5 When you are satisfied with your setting, press the **ENTER** (⏎) button.

6 Press the **EXIT** button to exit.

TV	Pixel Shift
	Pixel Shift : On ▷
	Horizontal Dot : 4 ▷
	Vertical Line : 4 ▷
	Time : 4 ▷
	◆ Move Enter Return
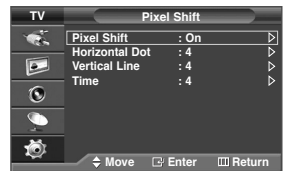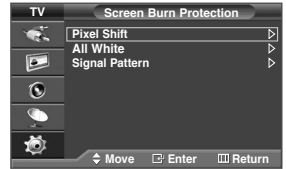
◆ **Pixel Shift**: Using this function, you can minutely move pixels on the PDP in horizontal or vertical direction to minimize after image on the screen.

   – Set **Pixel Shift** to **On** by pressing the ▲ or ▼ button, then press the **ENTER** (⏎) button.
   – Select the required option by pressing the ▲ or ▼ button, then press the **ENTER** (⏎) button.

   Available options: **Horizontal Dot**, **Vertical Line**, **Time**

➤ Optimum condition for pixel shift;

Horizontal Dot	4
Vertical Line	4
Time (minute)	4

◆ **All White**: This function helps remove after images on the screen by changing the colour of pixels to white. Use this function when there are remaining after images or symbols on the screen especially when you displayed a still image on the screen for a long time.

◆ **Signal Pattern**: This function helps remove after images on the screen by moving all the pixels on the PDP according to a pattern. Use this function when there are remaining after images or symbols on the screen especially when you displayed a still image on the screen for a long time.

➤ To remove after images on the screen, use either "**All White**" or "**Signal Pattern**" function. Although both of the two functions remove after images on the screen, "**Signal Pattern**" is more effective.

➤ The after image removal function has to be executed for a long time (approximately 1 hour) to effectively remove after images on the screen. If after image is not improved after the execution of the function, repeat the function again.

➤ Press any button on the remote control to cancel this feature.

Setting the Blue Eye

You can set the power of Blue LED to be on. If the power is off when Blue Eye is off, the Blue LED goes off after 5 seconds. This will save power and reduce eye fatigue.

TV	Setup
△ More	
Energy Saving : Off	▷
Screen Burn Protection	▷
Blue Eye : On	

‡ Move ⏎ Enter ⊞ Return

1 Press the **MENU** (⫿⫿) button to display the menu.

2 Press the ▲ or ▼ button to select **Setup**, then press the **ENTER** (⏎) button.

3 Press the ▲ or ▼ button to select **Blue eye**, then press the **ENTER** (⏎) button.

4 Select Off or On by pressing the ▲ or ▼ button, then press the **ENTER** (⏎) button.

   ◆ **Off**: LED(Blue) will not come on.
   ◆ **On**: LED(Blue) will come on after you turn the TV off.

5 Press the **EXIT** button to exit.

Setting up Your PC Software (Based on Windows XP)

The Windows display-settings for a typical computer are shown below. But the actual screens on your PC will probably be different, depending upon your particular version of Windows and your particular video card. But even if your actual screens look different, the same, basic set-up information will apply in almost all cases. (If not, contact your computer manufacturer or Samsung Dealer.)

1 Right click the mouse on the Windows Desktop, then click on **Properties**. The **Display Properties** will be displayed.

2 Click on **Settings tab**, then set the Display Mode with reference to the Display Modes Table. You do not need to change the Colours settings.

3 Click on **Advanced**. A new settings dialog box will be displayed.

4 Click on the **Monitor** tab, then set the **Screen refresh rate** with reference to the Display Modes Table.
   Set the Vertical Frequency and Horizontal Frequency individually if you can do so instead of setting the **Screen refresh rate**.

5 Click on **OK** to close the window, then Click on **OK** button to the **Display Properties** window. Automatic re-booting may commence at this moment.

Input Mode (PC)

Both screen position and size will vary depending on the type of PC monitor and its resolution.
The table below shows all of the display modes that are supported:

Video Signal	Resolution (Dot X Line)	Vertical frequency (Hz)	Horizontal frequency (kHz)	Vertical polarity	Horizontal polarity	PS-42Q7HD	PS-50Q7HD
IBM PC / AT Compatible	640 x 350	70.086	31.469	P	N	✔	✔
	720 x 400	70.087	31.469	N	P	✔	✔
	640 x 480	59.940	31.469	N	N	✔	✔
		70.000	35.000	N/P	N/P	✔	✔
		72.809	37.861	N	N	✔	✔
		75.000	37.500	N	N	✔	✔
	800 x 600	56.250	35.156	N/P	N/P	✔	✔
		60.317	37.879	P	P	✔	✔
		70.000	43.750	N/P	N/P	✔	✔
		72.188	48.077	P	P	✔	✔
		75.000	46.875	P	P	✔	✔
	848 x 480	60.000	31.020	P	P	✔	
		74.769	37.684	P	N	✔	
	1024 x 768	60.004	48.363	N	N	✔	✔
		70.069	56.476	N	N	✔	✔
		72.000	57.672	N/P	N/P	✔	✔
		75.029	60.023	P	P	✔	✔
	1280 x 720	59.855	44.772	N	P		✔
	1360 x 768	60.015	47.712	P	P		✔

(N: Negative / P: Positive)

◆ The interlace mode is not supported.
◆ The television might operate abnormally if a non-standard video format is selected.
◆ 480i/p, 576i/p, 720p, or 1080i is not available in PC mode.
◆ The PC text quality is optimum in XGA mode (1024 x 768@60Hz). (PS42Q7HD)
◆ The PC text quality is optimum in WXGA mode (1360 x 768@60Hz). (PS50Q7HD)

Setting the PC

➢ Preset to the **PC** mode by pressing the **SOURCE** ( ) button.

TV	Setup	
	Plug & Play	
	Language	: English ▷
	Time	▷
	Game Mode	: Off ▷
	Blue Screen	: Off ▷
	Melody	: Off ▷
	PC	▷
	▽ More	
	◆ Move	Enter Return

1 Press the **MENU** ( ) button to display the menu.

2 Press the ▲ or ▼ button to select **Setup**, then press the **ENTER** ( ) button.

3 Press the ▲ or ▼ button to select **PC**, then press the **ENTER** ( ) button.

4 Select the required option by pressing the ▲ or ▼ button, then press the **ENTER** ( ) button.

Available options: `Image Lock`, `Position`, `Auto Adjustment`, `Image Reset`
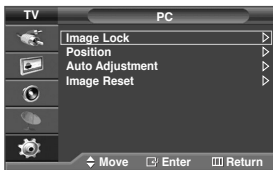
TV	PC	
	Image Lock	▷
	Position	▷
	Auto Adjustment	▷
	Image Reset	▷
	◆ Move	Enter Return

5 When you are satisfied with your setting, press the **ENTER** ( ) button.

6 Press the **EXIT** button to exit.

TV	Image Lock	
	Coarse	▭ 50
	Fine	▭ 60
	◆ Move	Enter Return
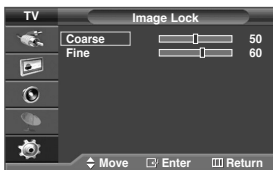
◆ `Image Lock`: `Coarse/Fine`
The purpose of picture quality adjustment is to remove or reduce picture noise.
If the noise is not removed by Fine-tuning alone, then adjust the frequency as best as possible (coarse) and Fine-tune again.
After the noise has been reduced, re-adjust the picture so that it is aligned on the center of screen.

1 Press the ▲ or ▼ button to select **Coarse** or **Fine**, then press the **ENTER** ( ) button.

2 Press the ◄ or ► button to adjust the screen quality, vertical stripes may appear or the picture may be blurry. Press the **ENTER** ( ) button.

TV	Position	
	◇ Move	Enter Return

◆ `Position`:
Adjust the PC's screen positioning if it does not fit the TV screen.

1 Adjust the position by pressing the ▲/▼/◄/► button.

2 Press the **ENTER** ( ) button.

**Auto Adjustment in progress
Please wait**

◆ `Auto Adjustment`:
Auto adjustment allows the PC screen of set to self-adjust to the incoming PC video signal.
The values of fine, coarse and position are adjusted automatically.

Image Reset has completed.
Return

◆ `Image Reset`:
You can replace all image settings with the factory default values.

Previewing the DTV Menu System

To help you navigate around the on-screen menu system and adjust the various settings available, refer to the following illustration.

➢ Available in the Digital TV mode.

Press the "**D.MENU**" button.

```
─ Guide
│   ├ Now & Next Guide
│   ├ Full Guide
│   ├ Scheduled List
│   └ Default Guide ──────── Now/Next
│                            └ Full Guide
│
─ Preference
│   ├ Translucency level ──────── High
│   │                            ├ Medium
│   │                            ├ Low
│   │                            └ Opaque
│   │
│   └ Parental Lock ──────── Parental Rating ──── No Block
│                       │                        ├ Block G
│                       │                        ├ Block PG
│                       │                        ├ Block M
│                       │                        ├ Block MA
│                       │                        ├ Block AV
│                       └ Change PIN             ├ Block R
│                                                └ Block All
│
─ Feature
│   ├ Subtitle ── On
│   │           └ Off
│   ├ Subtitle Language
│   ├ Audio Language: English
│   └ Audio Format
│
─ Channel
│   ├ Auto Store
│   ├ Manual Store
│   ├ Edit Favourite Channels
│   └ Channel Manager
│
└ System
    ├ Product Information
    ├ Signal Information
    ├ Time Zone
    ├ Software Upgrade
    └ Reset
```


Guide

Now & Next Guide
Full Guide
Scheduled List ►
Default Guide : Full Guide ►

♦ Move 🔁 Enter Exit

Press ENTER to display the Electronic Programme Guide Options.

Preference

Translucency level: Medium ►
Parental Lock ►

♦ Move 🔁 Enter Exit

Press ENTER to change your preferences.

Feature

Subtitle : On ►
Subtitle Language
Audio Language : English ►
Audio Format : MPEG ►

♦ Move 🔁 Enter Exit

Press ENTER to view the feature options.

Channel

Auto Store ►
Manual Store ►
Edit Favourite Channels ►
Channel Manager ►

♦ Move 🔁 Enter Exit

Press ENTER to change the channel settings.

System

Product Information ►
Signal Information ►
Time Zone ►
Software Upgrade ►
Reset ►

♦ Move 🔁 Enter Exit

Press ENTER to view the system options.

Updating the Channel Manager Automatically

You can update the channel list when the broadcaster adds new Services or if you move the TV to a new location.

Channel

Auto Store ►
Manual Store ►
Edit Favourite Channels ►
Channel Manager ►

♦ Move ↵ Enter ⊟ Exit

(?) Press ENTER to change the channel settings.

Channel

Auto Store ►
Manual Store ►
Edit Favourite Channels ►
Channel Manager ►

♦ Move ↵ Enter ⊟ Return

(?) Press ENTER to update your list of channels.

Auto Store

Scanning for digital services...

⬚⬚⬚⬚⬚ 0%

Services found:6   Channel:33

Stop

⊟ Return

(?) The channel list is being updated. To abort the scan press D.MENU.

Auto Store

Scanning for digital services...

⬚⬚⬚⬚⬚ 100%

Services found:6   Channel:33

Update channel list...

⊟ Return

(?) The channel list is being updated. To abort the scan press D.MENU.

1 Press the **D.MENU** button to display the DTV menu.

2 Press the ▲ or▼ button to select **Channel**.
Press the **ENTER** (↵) button.
The options available in the **Channel** group are displayed.

3 Press the **ENTER** (↵) button.
The **Auto Store** is selected. The channel search will start and end automatically.

4 When it has finished, the number of scanned services will be displayed.

➢ The existing favourite channel list will be deleted when the channel list is updated.

➢ To stop the scan before it has finished, press the **ENTER** (↵) button with **STOP** selected.

5 Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.

➢ If the signal status is poor, the "**No Service found! Check the aerial connection**" message is displayed.

Updating the Channel Manager Manually

You can update the channel list when the broadcaster adds new Services or if you move the TV to a new location.
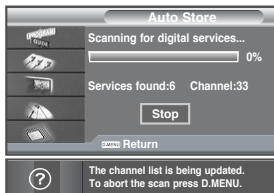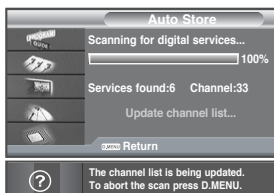
1   Press the **D.MENU** button to display the DTV menu.

2   Press the ▲ or▼ button to select **Channel**.
Press the **ENTER** (⊕) button.
The options available in the **Channel** group are displayed.

3   Press the ▲ or▼ button to select **Manual Store**.

4   **To...**   **Then...**

Move to **Channel, Frequency,** or **Bandwidth** ◄ or ► button

Set the **Channel**, **Frequency**, or **Bandwidth** ▲ or ▼ button

> ➤ ◆ Channel : Channel "6" to "12" and "27" to "69" in sequence are dis played.

> ◆ Frequency : The frequency available in the Channel group is displayed.

> ◆ Bandwidth : UHF 7MHz.

5   Press the red button to start the scan for digital services.
When it has finished,channels are updated in the channel list.

6   Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.

> ➤ You can input by pressing the number buttons on the remote control.

> ➤ You can not change only Frequency and when changing a channel, the Frequency will be automatically changed.

Channel
Auto Store ►
Manual Store ►
Edit Favourite Channels ►
Channel Manager ►
‡ Move Enter Exit

Press ENTER to change the channel settings.

Channel
Auto Store ►
Manual Store ►
Edit Favourite Channels ►
Channel Manager ►
‡ Move Enter Return

Press ENTER to manually update your list of channels.

Manual store
Channel Frequency Bandwidth
6   177500 KHz 7 MHz
■ Search
‡ Adjust ◄► Move Return

Press UP/DOWN to adjust the channel number or LEFT/RIGHT to move between fields.

Manual store
Channel Frequency Bandwidth
6   177500 KHz 7 MHz
■ Search
0 ∼ 9 Enter freq. ◄► Move Return

Press the digits to enter the frequency or LEFT/RIGHT to move between fields

Manual store
Channel Frequency Bandwidth
6   177500 KHz 7 MHz
■ Search
‡ Adjust ◄► Move Return

Press up/DOWN to adjust the bandwidth or LEFT/RIGHT to move between fields

Editing Your Favourite Channels

You can edit your favourite channels using the four colour buttons.

	Channel	
	Auto Store	►
	Manual Store	►
	Edit Favourite Channels	►
	Channel Manager	►

‡ Move   Enter   Return

? Press ENTER to edit your favourite channels.

	Edit Favourite Channels
	(no Channels)

Add Channels
Return

? The list of favourite channels is empty. Press RED to add channel.

	Edit Favourite Channels
	800 RaiDue
	801 RaiTre
	802 RaiUno

Select All   Select None   Preview
‡ Move   Select   Return

? Press ENTER to add the channel to the favourites List.

1 Press the **D.MENU** button to display the DTV menu.

2 Press the ▲ or ▼ button to select **Channel**.
Press the **ENTER** ( ) button.
The options available in the **Channel** group are displayed.

3 Press the ▲ or ▼ button to select **Edit Favourite Channels**.

4 Press the **ENTER** ( ) button.
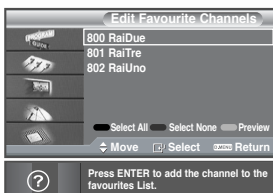The **Edit Favourite Channels** menu is displayed.

5 Press the Red button to add channels to the favourite channel list.

6 Press the ▲ or ▼ button to select the required channel.

7 Press the **ENTER** ( ) button.
A "*" icon is shown next to the selected channel and the channel will be added to the favourite channel list.
To undo, press the **ENTER** ( ) again.

➢ ◆ **Select All–** Select all channels currently displayed.
◆ **Select None–** Deselect all selected channels.
◆ **Preview–** Displays (a) currently selected channel(s).
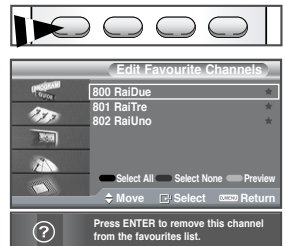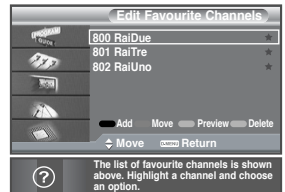The Favorite Channels settings have been completed.

8 Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.

Editing Your Favourite Channels (continued)

◆ **Add**

1 Press the **D.MENU** button.
The DTV menu is displayed.

2 Press the ▲ or ▼ button to select **Channel**.
Press the **ENTER** (⏎) button.
The options available in the **Channel** group are displayed.

3 Press the ▲ or ▼ button to select **Edit Favourite Channels**.

4 Press the **ENTER** (⏎) button.

5 Press the red button in the **Edit Favourite Channels** menu.
The **Edit Favourite Channels** menu is displayed.

6 Press the ▲ or ▼ button to select the required channel.

7 Press the **ENTER** (⏎) button.
A "*" icon is shown next to the selected channel and the channel will be added to the favourite channel list.
To undo, press the **ENTER** (⏎) again.

➢ ◆ To add all channels to the favourite channel list, press the red button.
◆ To remove all channels, press the green button.

Channel	
Auto Store	►
Manual Store	►
Edit Favourite Channels	►
Channel Manager	►

‡ Move ⏎ Enter Return

(?) Press ENTER to manually update your list of channels.

Edit Favourite Channels
(no Channels)

Add Channels
Return

(?) The list of favourite channels is empty. Press RED to add channels.

Edit Favourite Channels	
800 RaiDue	★
801 RaiTre	★
802 RaiUno	★

Select All Select None Preview
‡ Move Select Return

(?) Press ENTER to add the channel to the favourites List.

Edit Favourite Channels	
800 RaiDue	★
801 RaiTre	★
802 RaiUno	★

Add Move Preview Delete
‡ Move Return

(?) The list of favourite channels is shown above. Highlight a channel and choose an option.

Edit Favourite Channels	
800 RaiDue	★
801 RaiTre	★
802 RaiUno	★

Select All Select None Preview
‡ Move Select Return

(?) Press ENTER to remove this channel from the favourites list.

Editing Your Favourite Channels (continued)

◆ Move

1 In the **Edit Favourite Channels** menu, select the required channel using the ▲ or ▼ button.

2 Press the green button.

A " ◆ "icon is displayed on the left side of the channel name.

3 Press the ▲ or ▼ button to select the channel that you want to move, and press the green or **ENTER** (⊕) button.
The channel is moved to its new position.

Edit Favourite Channels

800 ◆ RaiDue
801 RaiTre ★
802 RaiUno ★

━ Add ━ Drop ━ Preview ━ Delete
◆ Move Return

(?) Move the channel using the up and down keys. press GREEN again to drop channel.

◆ Preview

1 In the **Edit Favourite Channels** menu, select the channel to be previewed by pressing the ▲ or ▼button.

2 Press the yellow button.
The selected channel is displayed on the screen.

Edit Favourite Channels

800 RaiDue ★
801 RaiTre ★
802 RaiUno ★

━ Add ━ Drop ━ Preview ━ Delete
◆ Move Return

(?) The list of favourite channels is shown above. Highlight a channel and choose an option.

◆ Delete

1 In the **Edit Favourite Channels** menu, select the channel to be previewed by pressing the ▲ or ▼button.

2 Press the blue button.
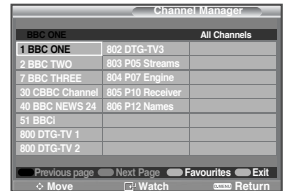The selected channel and number will be deleted.

➤ To add a deleted channel back into the favourite channel list, see '**Add**' on page 33.

English - 34
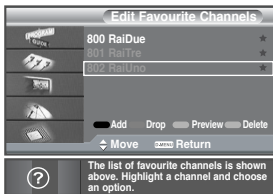
Selecting Channel Manager

You can exclude the channels you have chosen from the channels you scanned.
When you scan through the stored channels, those you have chosen to skip are not displayed.
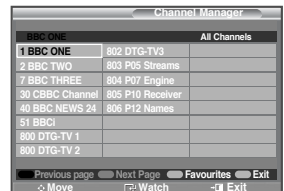All channels that you do not specifically chose to skip are displayed during scanning.

1   Press the **D.MENU** button to display the DTV menu.

2   Press the ▲ or ▼ button to select **Channel**.
        The options available in the **Channel** group are displayed.

3   Press the **ENTER** (⏎) button.

4   Press the ▲ or ▼ button to select **Channel Manage**r.
        Press the **ENTER** (⏎) button.
        The channel manager is displayed.

5   Press the **D.MENU** or **EXIT** button to return to normal viewing.

Channel	
Auto Store	►
Manual Store	►
Edit Favourite Channels	►
Channel Manager	►

♦ Move ⏎ Enter Return

? Press ENTER to start the current channel manager

Channel Manager		
BBC ONE		All Channels
1 BBC ONE	802 DTG-TV3	
2 BBC TWO	803 P05 Streams	
7 BBC THREE	804 P07 Engine	
30 CBBC Channel	805 P10 Receiver	
40 BBC NEWS 24	806 P12 Names	
51 BBCi		
800 DTG-TV 1		
800 DTG-TV 2		

Previous page Next Page **Favourites** **Exit**
♦ Move ⏎ Watch Return


Viewing Channel Lists

You can display a list of all channels or your favourite channels.

1   Press the **CH.MGR** button.
        The channel manager is displayed.

2   To toggle between your favourite channels and all channels, use the yellow button.

➤ Your favourite channels are only displayed if they were previously set in the **Edit Favourite Channels** menu. (refer to page 32~34)

3   Move to the channel of your choice by pressing the ▲ , ▼, ◄ or ► button.

4   To tune to the selected channel, press the **ENTER** (⏎) button while the cursor is on the selected channel.

➤ The channel number, name and an icon are displayed in the top left corner while changing the channel.
    The channel number and name are displayed if the channel is one of the all channels, and a " ★ " icon if the channel is one of the favourite channels.

5   To exit from the channel list, press the **CH.MGR** button.

Channel Manager		
BBC ONE		All Channels
1 BBC ONE	802 DTG-TV3	
2 BBC TWO	803 P05 Streams	
7 BBC THREE	804 P07 Engine	
30 CBBC Channel	805 P10 Receiver	
40 BBC NEWS 24	806 P12 Names	
51 BBCi		
800 DTG-TV 1		
800 DTG-TV 2		

Previous page Next Page **Favourites** **Exit**
♦ Move ⏎ Watch Exit

Displaying Programme Information

While viewing a channel, additional information about the current programme may be displayed.
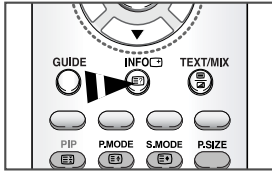
1 While viewing a programme, press the **INFO** button.
  The programme information is displayed.

2 To exit from banner information, press the **INFO** button.

14:30 Sat 1 Sep

70 7 HD Digital   All Channels Ⓐ

NO Information

INFO Exit
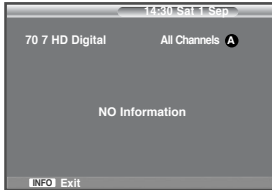
Viewing the EPG (Electronic Programme Guide) Information

You can display EPG information at any time while watching digital programmes.

➢ The **EPG** (**E**lectronic **P**rogramme **G**uide) information is provided by the broadcasters. Programme entries may appear blank or out of date as a result of the information broadcast on a given channel.
The display will dynamically update as soon as new information becomes available.

◆ **Now & Next Guide**
For the six channels indicated in the left-hand column, displays the Current programme and the Next programme information.

◆ **Full Guide**
Displays the programme information as time ordered hour segments.
Two hours of programme information is displayed which may be scrolled forwards or backwards in time.

1 Press the **D.MENU** button.
The options available in the **Guide** group are displayed.

2 Press the **ENTER** (↵) button.

3 Select the your required guide (**Now & Next Guide or Full Guide**)by pressing the ▲ or ▼ button.

4 Press the **ENTER** (↵) button.
The selected guide menu is displayed.

➢ You can also display the guide menu simply by pressing the **GUIDE** button.
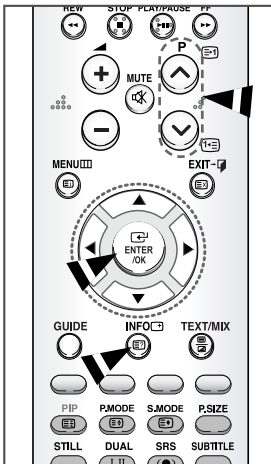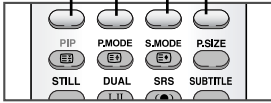Press the red button to toggle between the **Now & Next Guide** and the **Full Guide**.
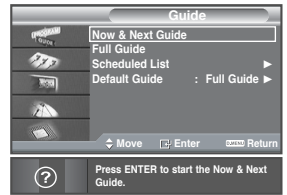
[Now & Next Guide]

[Full Guide]

Viewing the EPG (Electronic Programme Guide) Information(continued)

5

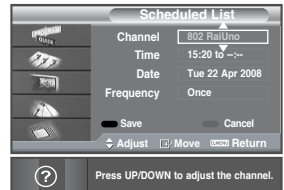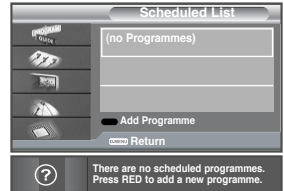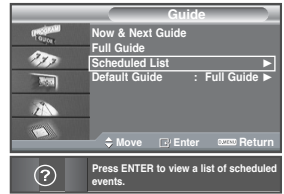| To...	Then...
Display the **Now & Next Guide** and the **Full Guide**	◆ Press the red button. ◆ Press the red button again to toggle between the **Now & Next Guide** and the **Full Guide**.
Display the **Favourites list** and the All **Channels manager**	◆ Press the green button. ◆ Press the green button again to toggle between the **Favourites** and the **All Channels** manager.
Scrolls backwards quickly (2 hours).	◆ Press the yellow button.
Scrolls forward quickly (2 hours).	◆ Press the blue button.
Exit the guide	◆ Press the Exit button.
Watch a programme in the EPG list	◆ Select a programme by pressing the ▲ , ▼, ◄ or ► button. ◆ Press the **ENTER** (⊡)button.
View programme information	◆ Select a prgramme of your choice by pressing the ▲ , ▼, ◄ or ► button. ◆ Press the **INFO** button when programme of your choice is highlighted.

6 Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.

➢ ◆ The programme title is on the upper part of the screen center. Please click on **INFO** button for the detailed information. Channel Number, Running Time, Status Bar, Parental Level, Video Quality Information(HD/SD), Sound Modes, Subtitle or Teletext, Languages of Subtitle or Teletext, and brief summary of the highlighted programme are included on the detailed information. "..." will be appeared if the summary is long.

◆ Six channels are displayed. To scroll between channels,move to a channel using the ▲ or ▼ button. To display page by page, use the **P** ⌃ or **P** ⌄ button.
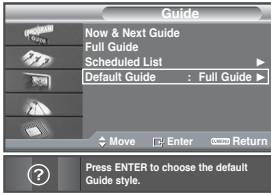
Using the Scheduled List

If you make a scheduled viewing list of programs you may like to see, the channel will be automatically switched to the scheduled program at the scheduled time even if you are watching another program.

1   Press the **D.MENU** button.
The options available in the **Guide** group are displayed.

2   Press the **ENTER** (⊕) button.

3   Select the **Scheduled List** by pressing the ▲ or ▼ button.

4   Press the **ENTER** (⊕) button.
The selected guide menu is displayed.

5   Press the red button.
The channel will be switched to the scheduled program.

6   Press the **ENTER** (⊕) button to move to an item and adjust with ▲ , ▼, ◄
▶ or number button .

◆ `Channel:` Set the channel.
◆ `Time:` Set the time.
◆ `Date:` Set Year, Month and Day.
◆ `Frequency:` Set the frequency.

7   After setting the schedule, Press the red button.
The schedule will be displayed.

8   Press the **D.MENU** button to return to the previous menu or press the **EXIT**
button to return to normal viewing.

➢ The Scheduled list may be displayed in the EPG menu.

➢ `Save:` Save the adjusted schedule.
`Cancel:` Cancel the adjusted schedule.
`Add Programme:` Add a new schedule.
`Edit:` Re-adjust the selected schedule.
`Delete:` Delete the selected schedule.

➢ You can also set hour and minute by pressing the number buttons on the remote control.
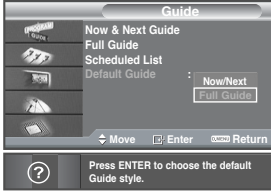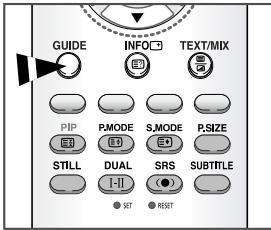

Guide
- Now & Next Guide
- Full Guide
- Scheduled List ►
- Default Guide : Full Guide ►

◆ Move   ⊕ Enter   Return

Press ENTER to view a list of scheduled events.

Scheduled List
(no Programmes)

Add Programme
Return

There are no scheduled programmes. Press RED to add a new programme.

Scheduled List
Channel	802 RaiUno
Time	15:20 to --:--
Date	Tue 22 Apr 2008
Frequency	Once

Save   Cancel
◆ Adjust   ⊕ Move   Return

Press UP/DOWN to adjust the channel.

Scheduled List
Tuesday 22 Apr 15:30~16:00 once
801/ Raiire

Add Programme   Edit   Delete
◆ Move   Return

Press RED to add a new programme or BLUE to delete selected programme.

Setting the Default Guide

You can preset the default guide style.

|	
Guide	**1** Press the **D.MENU** button.
Now & Next Guide	The options available in the **Guide** group are displayed.
Full Guide	
Scheduled List ►	**2** Press the **ENTER** (⊕) button.
Default Guide : Full Guide ►	
	3 Select to the **Default Guide** by pressing the ▲ or ▼ button.
◆ Move ⏎ Enter Return	
? Press ENTER to choose the default Guide style.	**4** Press the **ENTER** (⊕) button.

5 Select **Now & Next or Full Guide** using the ▲ or ▼ button, and press the
ENTER (⊕) button.
The selected option is stored and the preset/default channel list in the EPG
menu will be displayed.

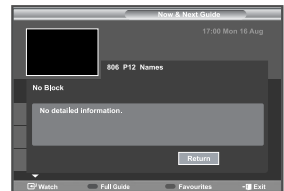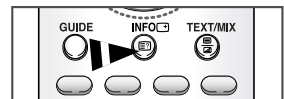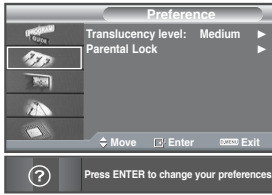|	
Guide	**6** Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.
Now & Next Guide	
Full Guide	
Scheduled List	➢ You can select these options by simply pressing the **GUIDE** button on the remote control.
Default Guide : Now/Next	
Full Guide	
◆ Move ⏎ Enter Return	
? Press ENTER to choose the default Guide style.	

Viewing All Channels and Favourite Channels

In the EPG menu, you can display all channels or favourite channels.

1 Press the **D.MENU** button.
The options available in the **Guide** group are displayed.

2 Press the **ENTER** (⏎) button.

3 Select the your required guide (**Now & Next Guide** or **Full Guide**) by pressing the ▲ or ▼ button.

4 Press the **ENTER** (⏎) button.
The selected guide menu is displayed.

5 Press the green button.
All the channel lists and the favorite channel lists will be toggled.
To toggle between the all and favourite channels list, press the green button again.

6 Select a programme of your choice by pressing the ▲ , ▼, ◄ or ► button.

7 Press the **INFO** button to display information about the highlighted programme.
Available programme information is displayed.

8 When the favourite channel list has not been set up:

   ◆ The favourites list is empty. Would you like to choose your favourites now?" message is displayed.

   ◆ Select "Yes".
   The Favourite Channels menu is displayed.
   If you select "No", all channels will remain unchanged.

   ◆ To edit the favourite channels, refer to page 32~34 for more details.

9 Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.

➢ ◆ `All Channels` is the list of channels that have been scanned by the channel list update. All channels are displayed in the all channel mode.

   ◆ `Favourites` (favourite channels) is the list of channels that has been set in the `Favourite Channels` menu (refer to page 32~34).
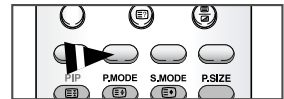
Adjusting the Translucency Level

You can set the translucency level of menu.

Preference		
Translucency level:	Medium	►
Parental Lock		►

‡ Move   ⊡ Enter   Exit

? Press ENTER to change your preferences.

Preference		
Translucency level:	Medium	►
Parental Lock		►

‡ Move   ⊡ Enter   Return

? Press ENTER to choose graphics translucency .

Preference	
Translucency level:	High
Parental Lock	Medium
	Low
	Opaque

‡ Move   ⊡ Enter   Return

? Press ENTER to choose graphics translucency .

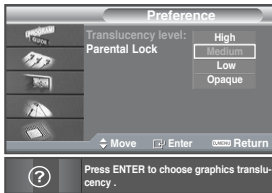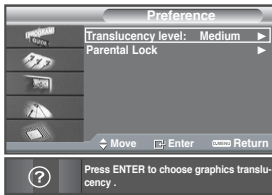**1** Press the **D.MENU** button to display the DTV menu.

2 Press the ▲ or ▼ button to select **Preference.**
The options available in the **Preference** group are displayed.

3 Press the **ENTER** (⊡) button.

4 Select to the **Translucency Leve**l by pressing the **ENTER** (⊡) button.
The options of the selected menu available are displayed.

5 Select the required option by pressing the ▲ or ▼ button, and press the
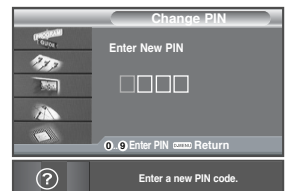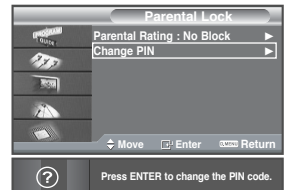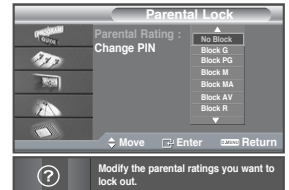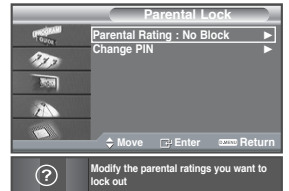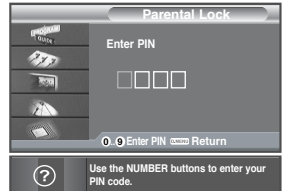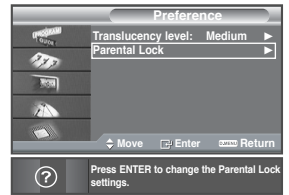**ENTER** (⊡) button to change the setting.

6 Press the **D.MENU** button to return to the previous menu or press the **EXIT**
button to return to normal viewing.

Setting up the Parental Lock

This feature allows you to prevent unauthorized users, such as children, from watching unsuitable programmes by a 4-digit PIN (Personal Identification Number) code that is defined by the user. The on-screen menu will instruct you to assign a PIN code (you can change it later, if necessary).

1   Press the **D.MENU** button to display the DTV menu.

2   Press the ▲ or ▼ button to select **Preference.**
The options available in the **Preference** group are displayed.

3   Press the **ENTER** (⊡) button.

4   Press the ▲ or ▼ button to select **Parental Lock**.
Press the **ENTER** (⊡) button.
The **Enter PIN** is displayed.

5   Enter your current 4-digit PIN code by using the numeric buttons (0~9).
The options available in the **Parental Lock** group are displayed with the
Parental Rating selected.

> ◆ The default PIN code for a new TV set is **0000** .
>   ◆ If you enter an invalid PIN code,the **Invalid PIN code.**
>   **Please try again.** message is displayed.

6   Press the **ENTER** (⊡) button.

7   Press the ▲ or ▼ button to select the age rating you want to lock out.
Press the **ENTER** (⊡) button.

8   If you want to change the PIN code,select **Change PIN** by pressing the ▲ or
▼ button. Press the **ENTER** (⊡) button.
The **Enter New PIN** is displayed.

9   Enter your new PIN code by using the numeric buttons (0~9).
The **Confirm New PIN** is displayed.

Setting up the Parental Lock (continued)

Change PIN

Confirm New PIN

☐☐☐☐

0~9 Enter PIN — Return

❓ Enter the new PIN code again to confirm.

Change PIN

Confirm New PIN

ℹ You PIN code has been changed successfully.

OK

0~9 Enter PIN — Return

❓ Enter the new PIN code again to confirm.

10 Re-enter your new PIN code to confirm by using the numeric buttons (0~9).
The **Your PIN code has been changed successfully** message is displayed.

11 Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.

➤ If you forget the PIN code, press the remote control buttons in the following sequence, which resets the PIN to **0-0-0-0 : POWER(Off), MUTE, 8, 2, 4, POWER(On)**

Setting the Subtitle

You can activate or deactivate the subtitle.

Feature

Subtitle : Off ►
Subtitle Language
Audio Language : English ►
Audio Format : MPEG ►

Move Enter Exit

❓ Press ENTER to view the feature options.

Feature

Subtitle : Off ►
Subtitle Language
Audio Language : English
Audio Format : MPEG ►

Move Enter Return

❓ Press ENTER to turn Subtitles on or off.

Feature

Subtitle :
Subtitle Language
Audio Format : MPEG

Off
On

Move Enter Return

❓ Press ENTER to turn Subtitles on or off.

1 Press the **D.MENU** button to display the DTV menu.

2 Press the ▲ or ▼ button to select **Feature.**
The options available in the **Feature** group are displayed.

3 Press the **ENTER** (↵) button.

4 Press the **ENTER** (↵) button.

5 Select **On** by pressing the ▲ or ▼ button.
Press the **ENTER** (↵) button.

6 Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.

Selecting the Preferred Language (Subtitle or Audio)

You can change the default value for subtitle and audio languages.
Displays the language information for the incoming stream.

1 Press the **D.MENU** button to display the DTV menu.

2 Press the ▲ or ▼ button to select **Feature.**
The options available in the **Feature** group are displayed.

3 Press the **ENTER** (⏎) button.

**4** Select your required menu (**Subtitle Language** or **Audio Language**) by
pressing the ▲ or ▼ button, and press the **ENTER** (⏎) button.
The options of the selected menu available are displayed.

5 Select the required option (**English**) by pressing the ▲ or ▼ button, and
press the **ENTER** (⏎) button to change the setting.

➢ **English** is the default in cases where the selected language is
unavailable in the broadcast.

6 Press the **D.MENU** button to return to the previous menu or press the **EXIT**
button to return to normal viewing.

➢ While viewing a programme, the subtitle can be selected.
While viewing a programme, audio languages can be selected.

Selecting the Audio Format

You can preset the default guide style.

Feature	
Subtitle	: On ►
Subtitle Language	
Audio Language	: English ►
Audio Format	: MPEG ►

♦ Move   Enter   Exit

? Press ENTER to view the feature options.

Feature	
Subtitle	: On ►
Subtitle Language	
Audio Language	: English ►
Audio Format	: MPEG ►

♦ Move   Enter   Return

? Press ENTER to select preferable audio format between MPEG and Dolby Digital.

1   Press the **D.MENU** button to display the DTV menu.

2   Press the ▲ or ▼ button to select **Feature.**
    The options available in the **Feature** group are displayed.

3   Press the **ENTER** (⊡) button.

4   Press the ▲ or ▼ button to select **Audio Format**.
    Press the **ENTER** (⊡) button.

5   Select the required option by pressing the ▲ or ▼ button, and press the
    ENTER (⊡) button to change the setting.

6   Press the **D.MENU** button to return to the previous menu or press the **EXIT**
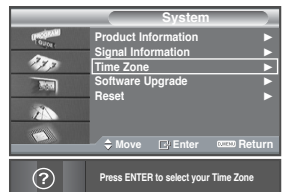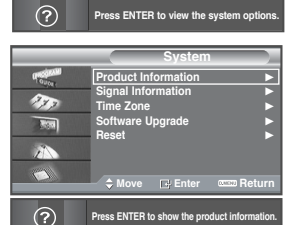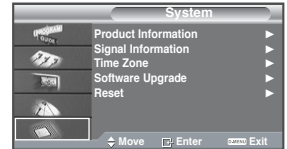   button to return to normal viewing.

Selecting the Time Zone

1 Press the **D.MENU** button to display the DTV menu.

2 Press the ▲ or ▼ button to select **System.**
The options available in the **System** group are displayed.
Press the **ENTER** (⏎) button.

3 Press the▲ or ▼ button to select **Time Zone**.
Press the **ENTER** (⏎) button.

4 Select the time zone where you locate by pressing the ▲ or ▼ button.
Press the **ENTER** (⏎) button.
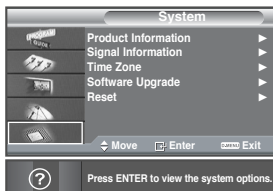The following options are available.

```
New South Wales/ACT - Victoria - Queensland - South
Australia - Western Australia - Tasmania - Northern
Territory
```

5 Press the **D.MENU** button to return to the previous menu or press the **EXIT**
button to return to normal viewing.

Guide

Now & Next Guide	
Full Guide	
Scheduled List	►
Default Guide	: Full Guide ►

Move Enter Exit

? Press ENTER to display the Electronic Programme Guide Options.

System

Product Information	►
Signal Information	►
Time Zone	►
Software Upgrade	►
Reset	►

Move Enter Exit

? Press ENTER to view the system options.

System

Product Information	►
Signal Information	►
Time Zone	►
Software Upgrade	►
Reset	►

Move Enter Return

? Press ENTER to show the product information.

System

Product Information	►
Signal Information	►
Time Zone	►
Software Upgrade	►
Reset	►

Move Enter Return

? Press ENTER to select your Time Zone

Time Zone

New South Wales/ACT
Victoria
Queensland
South Australia
Western Australia
Tasmania
Northern Territory

Adjust Select Return

? Select the Time Zone where you locate

Time Zone

New South Wales/ACT
Victoria
Queensland
South Australia
Western Australia
Tasmania
Northern Territory

Adjust Select Return

? Select theTime Zone where you locate

Viewing Product Information

You can view your product information. For service or repair, please contact a Samsung approved dealer.

System
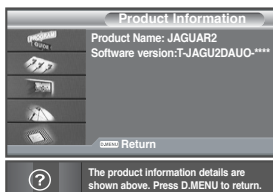
- Product Information ►
- Signal Information ►
- Time Zone ►
- Software Upgrade ►
- Reset ►

‡ Move ⊡ Enter Exit

? Press ENTER to view the system options.

System

- Product Information ►
- Signal Information ►
- Time Zone ►
- Software Upgrade ►
- Reset ►

‡ Move ⊡ Enter Return

? Press ENTER to show the product information.

Product Information

Product Name: JAGUAR2
Software version:T-JAGU2DAUO-****

Return

? The product information details are shown above. Press D.MENU to return.

1 Press the **D.MENU** button to display the DTV menu.

2 Press the ▲ or ▼ button to select **System.**
The options available in the **System** group are displayed.

3 Press the **ENTER** (⊡) button.
The **Product Information** menu is selected.

4 Press the **ENTER** (⊡) button.
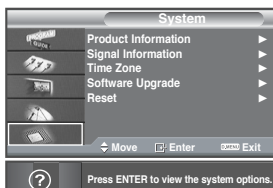The **Product Information** menu is selected.

- Product Name
- Software Version

5 Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.

# Checking the Signal Information

You can get information about the signal status.

System

- Product Information ►
- Signal Information ►
- Time Zone ►
- Software Upgrade ►
- Reset ►

‡ Move ⊡ Enter Exit

? Press ENTER to view the system options.

System

- Product Information ►
- Signal Information ►
- Time Zone ►
- Software Upgrade ►
- Reset ►

‡ Move ⊡ Enter Return

? Press ENTER to display the signal information on the current channel.

Signal Information

Service: 7 Digital
Service ID: 0530, running
Multiplex: 43C (TSID 0503, ONID 1013)
Network: Test Card 'M'..(ID 321ff)
Bit error level: 0
Signal Strength: 70

Return

? The signal information on the current service is shown above. Press D.MENU to return.

1 Press the **D.MENU** button to display the DTV menu.

2 Press the ▲ or ▼ button to select **System.**
Press the **ENTER** (⊡) button.
The options available in the **System** group are displayed.

3 Press the ▲ or ▼ button to select **Signal Information**, and press the **ENTER** (⊡) button.
The technical information for signal status is displayed.
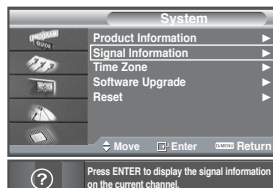
4 Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.

➢ If the signal status is poor, the "**No signal**." message is displayed.
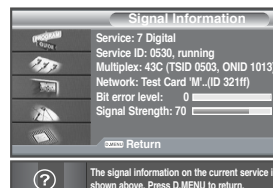
Upgrading the Software (Option)

To keep your product up-to-date with new Digital Television features then software upgrades are periodically broadcast as part of the normal Television signal. It will automatically detect these signals and display the software upgrade banner.
After downloading is finished, when changing the channel or repowering the television, the message box will appear on the screen.
While downloading, it's better to keep the current channel to make sure entirely downloading. It will not take too much time. If you change the channel, the downloading will continue when you change back.
You are given the option to install the upgrade.

◆ **Upgrade Now**
   If you select **Upgrade Now**, the **iDTV** immediately installs the new upgrade and then restarts.

◆ **Upgrade Later**
   If you select **Upgrade Later**, the upgrade is postponed until the next restart or channel change some 90 minutes later, when the upgrade dialog appears again.

◆ **Don't Upgrade**
   If you select **Don't Upgrade**, the **iDTV** does not perform the upgrade and the software upgrade banner is not displayed again.
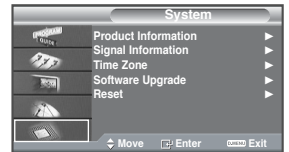   The upgrade is still stored internally, to subsequently upgrade to the new version then the following sequence of steps are performed.
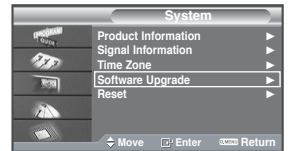   Alternatively, you can manually upgrade the software.

1 Press the **D.MENU** button to display the DTV menu.

2 Press the ▲ or ▼ button to select **System.**
      Press the **ENTER** (↵) button.
      The options available in the **System** group are displayed.

3 Press the ▲ or ▼ button to select **Software Upgrade**, and press the **ENTER** (↵) button.
      The software upgrade information is displayed.

4 To switch to an alternative version, press the red button.
      Press the blue button to reset, activate the upgrade and restart.

5 Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.
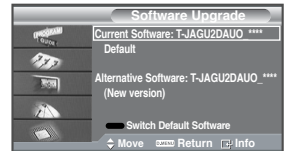

Software Upgrade
Current Software: T-JAGU2DAUO_****
Default
Alternative Software:
Downloading...
Return **Info**
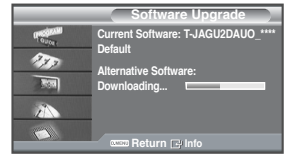
The software versions available are shown above. There are no upgrade options available.

Software Upgrade
An upgrade is available for your TV and is ready for installation.
Upgrade Now | Upgrade Later | Don't Upgrade

System
Product Information ►
Signal Information ►
Time Zone ►
Software Upgrade ►
Reset ►
Move **Enter** **Exit**

Press ENTER to view the system options.

System
Product Information ►
Signal Information ►
Time Zone ►
Software Upgrade ►
Reset ►
Move **Enter** **Return**

Press ENTER to view the software upgrade information.

Software Upgrade
Current Software: T-JAGU2DAUO_****
Default
Alternative Software: T-JAGU2DAUO_****
(New version)
Switch Default Software
Move **Return** **Info**

The software versions available are shown above. Press RED to switch the default.

Software Upgrade
Current Software: T-JAGU2DAUO_****
Default
Alternative Software: T-JAGU2DAUO_****
(New version)
Switch Default Software
Move **Return** **Info**

The software versions available are shown above. Press RED to switch the default.

Software Upgrade
Current Software: T-JAGU2DAUO_****
Default
Alternative Software: T-JAGU2DAUO_****
(New version)   New Default
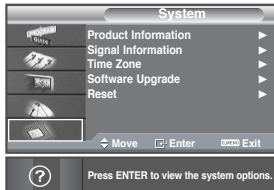Confirm
Move **Return** **Info**
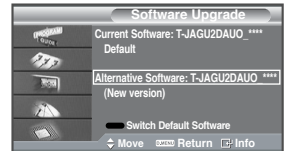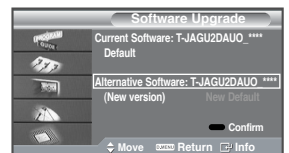
Press BLUE to confirm the switch.

Resetting

You can reset the values stored to the factory default values.

➢ The Reset operation deletes all channel information and user preferences returning all values to their default factory state.

System

Product Information ►
Signal Information ►
Time Zone ►
Software Upgrade ►
Reset ►

♦ Move 🖅 Enter 🔳 Exit

? Press ENTER to view the system options.

System

Product Information ►
Signal Information ►
Time Zone ►
Software Upgrade ►
Reset ►

♦ Move 🖅 Enter 🔳 Return

? Press ENTER to navigate to the reset confirmation screen.

Reset

Enter PIN

☐☐☐☐

0 ~ 9 Enter PIN 🔳 Return

? Use the NUMBER buttons to enter your PIN code.

System

WARNING: All channel settings and user preferences will be lost and returned to the factory defaults.
It is recommended that a reset is performed only when serious problems are experienced.

🔳 Return

? Press RED, GREEN, YELLOW and BLUE in sequence to confirm the reset process.

1 Press the **D.MENU** button to display the DTV menu.

2 Press the ▲ or ▼ button to select **System.**
Press the **ENTER** (↵) button.
The options available in the **System** group are displayed.

3 Press the ▲ or ▼ button to select **Reset**, and press the **ENTER** (↵)
button.
The technical information for signal status is displayed.
The **Enter PIN** screen will appear.
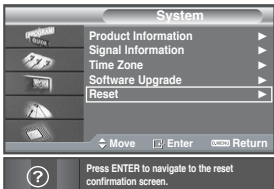
3 Enter your current 4-digit PIN code by using the numeric buttons (0~9).
The warning message is displayed.All values will be reset by pressing the coloured buttons (red,green, yellow,and blue) in turn.

4 Press the **D.MENU** button to return to the previous menu or press the **EXIT** button to return to normal viewing.
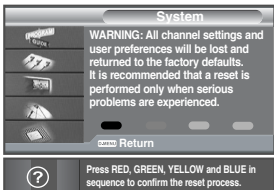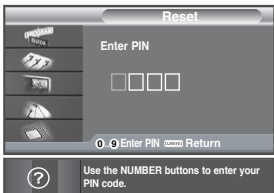
Teletext Feature (depending on the model)

Most television stations provide written information services via teletext.
The index page of the teletext service gives you information on how to
use the service. In addition, you can select various options to suit your
requirements by using the remote control buttons.

☞ For teletext information to be displayed correctly, channel reception
must be stable. Otherwise, information may be missing or some
pages may not be displayed.

❶ ▤ (**teletext on/mix**)

Press to activate teletext mode after selecting the channel providing
the teletext service. Press it twice to overlap the teletext with the
current broadcasting screen.

❷ ▤ (**sub-page**)
Used to display the available sub-page.

❸ ▤ (**hold**)
Used to hold the display on a given page if the selected page is
linked with several secondary pages which follow on automatically.
To resume, press it again.

❹ ▤ (**size**)
Press to display the double-size letters in the upper half of the
screen. For lower half of the screen, press it again.
To display normal screen, press it once again.

❺ ▤ (**store**)
Used to store the teletext pages.

❻ ▤ (**mode**)
Press to select the teletext mode (LIST/FLOF). If you press it in the
LIST mode, it switches into the List save mode. In the List save
mode, you can save teletext page into list using the ▤ (**store**)
button.

❼ ▤ (**page up**)
Used to display the next teletext page.

❽ ▤ (**page down**)
Used to display the previous teletext page.

❾ ▤ (**index**)
Used to display the index (contents) page at any time while you are
viewing teletext.

❿ ▤ (**reveal**)
Used to display the hidden text (answers to quiz games, for
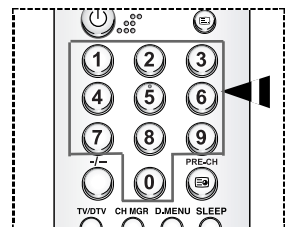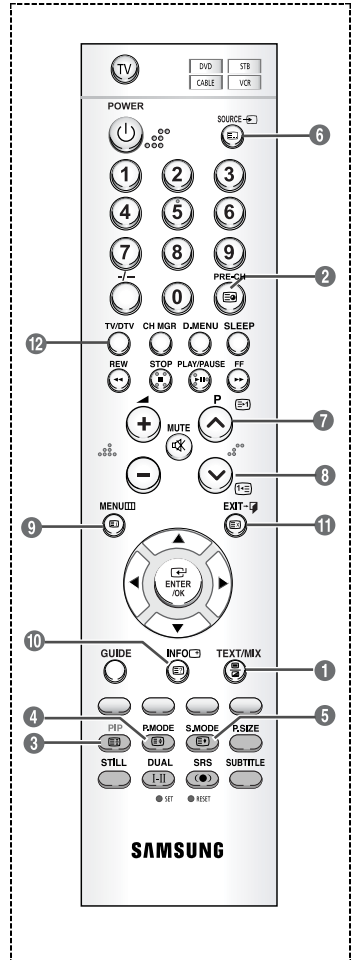example). To display normal screen, press it again.

⓫ ▤ (**cancel**)
Used to display the broadcast when searching for a page.
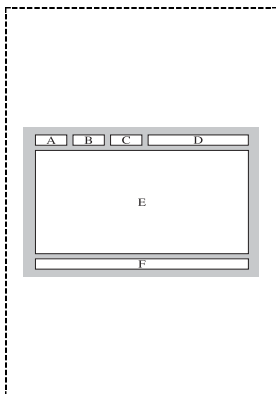
⓬ ▢ (**exit**)
Exit from the teletext display (depending on the model)

➢ You can change teletext pages by pressing the numeric buttons on
the remote control.

continued...

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Teletext Feature (depending on the model)

The teletext pages are organized according to six categories:

Part	Contents
A	Selected page number.
B	Broadcasting channel identity.
C	Current page number or search indications.
D	Date and time.
E	Text.
F	Status information.
	FASTEXT information.

➢ Teletext information is often divided between several pages displayed in sequence, which can be accessed by:
  ◆ Entering the page number
  ◆ Selecting a title in a list
  ◆ Selecting a coloured heading (FASTEXT system)

➢ Press the **TV/DTV** button to exit from the teletext display.

How to Install the Wall Mount Bracket

➢ This installation guide may be different from the PDP User's manual.
Please refer to the proper installation guide for your product.

Installation Notes

◆ Contact a technician for installing the wall bracket.
◆ Samsung Electronics is not responsible for any damages to the product or harm to customers when the installation is done by the customer.
◆ This product is for installing on cement walls. The product may not stay in place when installed on plaster or wood.
◆ The package contents and parts supplied for the wall mount are subject to change without prior notice.

Mounting Kits

◆ Please use only the parts and components provided for wall mount installation.

| Wall Mount Bracket	ASSY-HINGE	Screws
1EA	LEFT :1EA RIGHT :1EA	Plastic Hanger : 4 EA SCREW : 4 EA
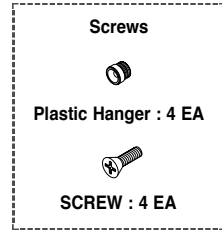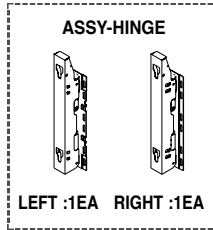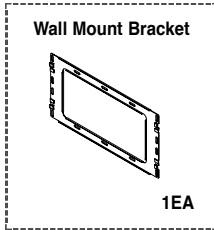
How to assemble the Wall Mount Bracket

1   The wall mount bracket is delivered separately.
Please tighten the captive screw in the direction
of the arrow after assembling the bracket.
Install the Wall Mount Bracket after the screws
are securely inserted into the wall.

Captive Screws

Wall Mount Bracket

ASSY-HINGE (LEFT)

Separate ASSY-HINGE into Left and Right.

ASSY-HINGE (RIGHT)
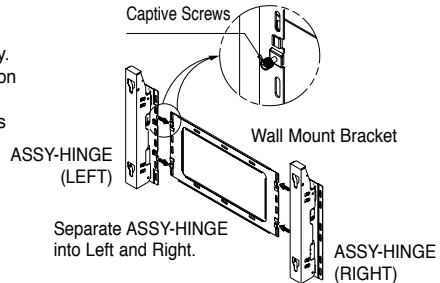
Instructions on Securing the SET to the Wall Mount Bracket

➢ The exterior of the SET may be different than the picture. (Assembly and installation of the plastic hanger is the same.)

1   Remove the screws from the back of the PDP.

2   Use the screw and assemble the plastic hanger. (Please refer to the following picture.)
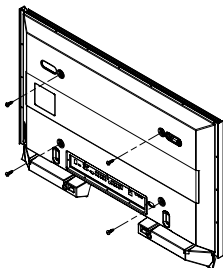
☞ 1   Please ask the installers to install the wall mount bracket.
    2   Please be sure to check if the plastic hanger is completely secured on both the left and right side after hanging the SET on the wall mount bracket.
    3   Please avoid catching your fingers while installing and adjusting the angle.
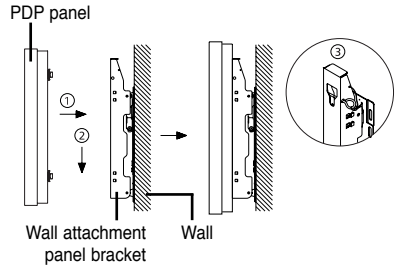   4   Please tightly secure the wall mount bracket to the wall to avoid injury from a falling SET.

How to Install the Wall Mount Bracket

**3** Tighten the screws of the plastic hanger (shown in picture 2) to the back side of the PDP.
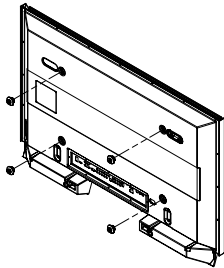
4 Remove the Safety Pins. Fasten the 4 plastic latches assembled at step (③) on the back side of the PDP using the guide holes of the wall mount, push (①) and hook (②) down to secure the PDP on the wall mount as illustrated. Secure the PDP by inserting the Safety Pins, not to fall from the wall mount.

PDP panel

Wall attachment panel bracket   Wall

How to Adjust Mounting Angle

➢ Please secure the mounting bracket on the wall surface after setting its angle at 0°
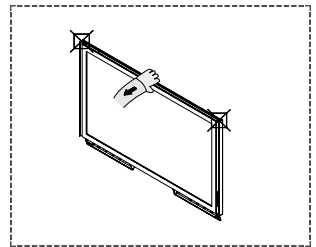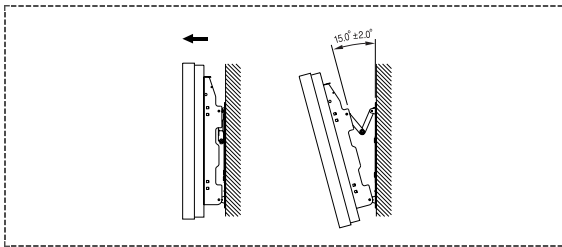

1 Secure the SET to the wall mount bracket.(Please refer to the follow ing instructions.)

2 Set the angle by pulling the upper end of the SET attached to bracket in the direction of the arrow. (Refer to the illustration on the right.)

3 The angle can be adjusted from 0° to 15° by ±2°.

Hold onto the middle of the PDP to adjust the angle (not the sides of the PDP).

Connecting External Devices to the PDP

➢ To connect external devices such as a DVD or a Home Theater System to the PDP, please refer to following instructions:
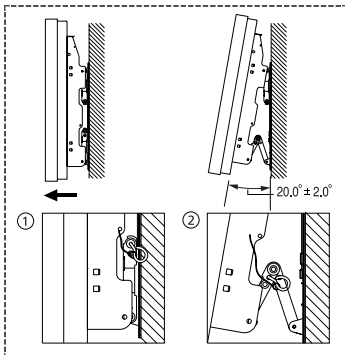
1 Be sure to remove the safety pins underneath the PDP.
  ➢ If the safety pins are not removed, the angle cannot be adjusted. Any attempt to do so may cause damage to the PDP.

2 Hold onto the bottom of the PDP and pull forward fully as directed by the arrow as illustrated) to adjust the angle. (0°~20° by 2°) Insert the Safety Pins to the front guide holes on both sides as illustrated in figure ②.
  ➢ Viewing the PDP after connecting the external devices Remove the Safety Pins to adjust the angle to 0°, and then secure the Safety Pins again.
  ☛ For safety, be sure to secure the PDP using the safety pins. If the safety pins are not used, the PDP may fall, causing serious injury.

Troubleshooting

Before contacting the Samsung after-sales service, perform the following simple checks.
If you cannot solve the problem using the instructions below, note the model and serial number of the television and contact your local dealer.

No sound or picture
◆ Check that the mains lead has been connected to a wall socket.
◆ Check that you have pressed the ⏻ (Power) button (On/Off) on the front panel or press the **POWER** (⏻) button on the remote control.
◆ Check the picture contrast and brightness settings.
◆ Check the volume.
◆ Check if Internal Mute is set to ON.

Normal picture but no sound
◆ Check the volume.
◆ Check whether the volume **MUTE** button on the remote control has been pressed.

No picture or black and white picture
◆ Adjust the colour settings.
◆ Check that the broadcast system selected is correct.

Sound and picture interference
◆ Try to identify the electrical appliance that is affecting the television, then move it further away.
◆ Plug the television into a different mains socket.

Blurred or snowy picture, distorted sound
◆ Check the direction, location and connections of your aerial.
  This interference often occurs due to the use of an indoor aerial.

Remote control malfunctions
◆ Replace the remote control batteries.
◆ Clean the upper edge of the remote control (transmission window).
◆ Check that the "+" and "–" ends of the batteries are inserted correctly.
◆ Check that the batteries are drained.

Screen is black and power indicator light blinks steadily
◆ On your computer check; Power, Signal Cable.
◆ The TV is using its power management system.
◆ Move the computer's mouse or press any key on the keyboard.

◆ On your equipment check (STB, DVD, etc) ; Power, Signal Cable.
◆ The TV is using its power management system.
◆ Press the Source button on the panel or remote control.
◆ Turn the TV off and on.

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SAMSUNG

Contact SAMSUNG WORLD-WIDE

If you have any questions or comments relating to Samsung products,
please contact the SAMSUNG customer care centre.

Country	Customer Care Centre	Web Site
AUSTRALIA	1300 362 603	www.samsung.com/au
CHINA	800-810-5858, 010- 6475 1880	www.samsung.com.cn
HONG KONG	2862 6001	www.samsung.com/hk
INDIA	3030 8282, 1600 1100 11	www.samsung.com/in
INDONESIA	0800-112-8888	www.samsung.com/id
JAPAN	0120-327-527	www.samsung.com/jp
MALAYSIA	1800-88-9999	www.samsung.com/my
PHILIPPINES	1800-10-SAMSUNG (7267864)	www.samsung.com/ph
SINGAPORE	1800-SAMSUNG (7267864)	www.samsung.com/sg
SOUTH AFRICA	0860 7267864 (SAMSUNG)	www.samsung.com/za
TAIWAN	0800-329-999	www.samsung.com/tw
THAILAND	1800-29-3232, 02-689-3232	www.samsung.com/th
U.A.E	800SAMSUNG (7267864)	www.samsung.com/mea
VIETNAM	1 800 588 889	www.samsung.com/vn