Plug & Play Feature

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

1 If the television is in Standby mode, press the POWER button on the remote control.

➢ The message Plug & Play is displayed. It flickers for a little while, and then the Language menu is automatically displayed.

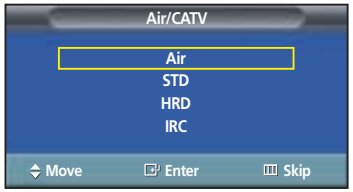
2 Select the appropriate language by pressing the ▲ or ▼ button.

➢ The message Antenna input check is displayed.

3 Press the ENTER button to confirm your choice.

4 Press the ENTER button.

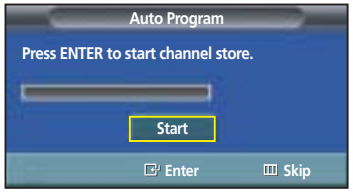
5 Select the correct signal source (Air, STD, HRD and IRC), then press the ENTER button.

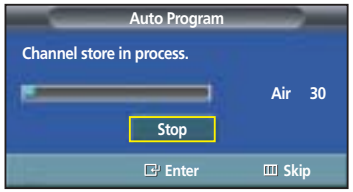


6 To start the search, press the ENTER button.

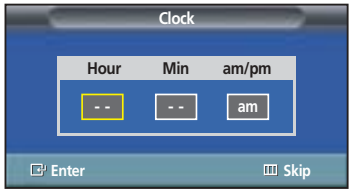
➢ The search will end automatically. Channels are sorted and stored in an order which reflects their position in the frequency range (with lowest first and highest last).
When it has finished, the Clock Set menu is displayed.

➢ To stop the search before it has finished or return to normal viewing, press the MENU button.

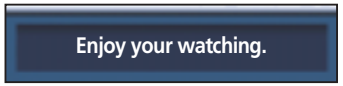




7 Press the ◄ or ► button to move to the Hour, Minute, or am/pm.
Set the Hour, Minute, or am/pm by pressing the ▲ or ▼ button.



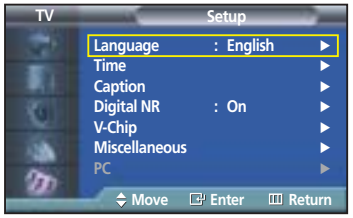
8 When it has finished, the message Enjoy Your Watching is displayed, and then the channel which has been stored will be activated.



Plug & Play Feature (continued)

If you want to reset this feature...

1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



2 Press the ▲ or ▼ button to select "Miscellaneous", then press the ENTER button.

3 Press the ▲ or ▼ button to select "Plug & Play". Press the ENTER button.

4 For further details on how to set, refer to the previous page.

Memorizing the Channels

Your PDP can memorize and store all of the available channels for both "off-air" (antenna) and cable channels. After the available channels are memorized, use the CH ⌃ and CH ⌄ buttons to scan through the channels. This eliminates the need to change channels by entering the channel digits. There are three steps for memorizing channels: selecting a broadcast source, memorizing the channels (automatic) and adding and deleting channels (manual).

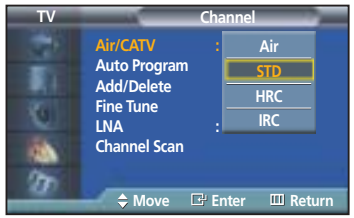
Selecting the Video Signal-source

Before your television can begin memorizing the available channels, you must specify the type of signal source that is connected to the PDP (i.e., an antenna or a cable system).

1 Press the MENU button. Press the ▲ or ▼ button to select "Channel", then press the ENTER button.

2 Press the ENTER button to select "Air/CATV".

3 Press the ▲ or ▼ button to select "Air", "STD", "HRC" or "IRC".
- If you are connected to an antenna, leave "Air" displayed. If you connected cable, press the ▲ or ▼ button to the display the type of cable system: "STD", "HRC" or "IRC". (If you are not sure which type of cable system you have, contact your cable company).



4 Press the MENU button to exit.

Note

- STD, HRC and IRC identify various types of cable TV systems. Contact your local cable company to identify the type of cable system that exists in your particular area. At this point the signal source has been selected. Proceed to "Storing Channels in Memory" (Next page).

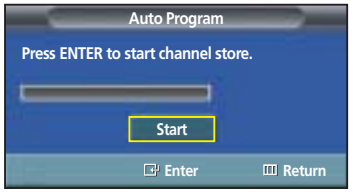
Storing Channels in Memory (Automatic Method)

1 First, select the correct signal source (Air, STD, HRC and IRC). See steps on previous page.
Press the MENU button. Press the ▲ or ▼ button to select "Channel", then press the ENTER button.

2 Press the ▲ or ▼ button to select "Auto Program", then press the ENTER button.

➤ Quick way to access the Automatic Channel Setting: Just press the "AUTO PROG." button on the remote control.

3 The PDP will begin memorizing all of the available channels.
After all the available channels are stored, the Auto program menu reappears. Press the ENTER button to stop.



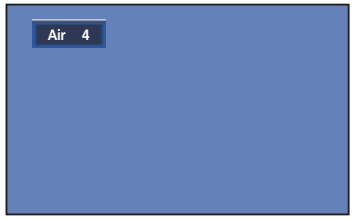
Note

- The PDP automatically cycles through all of the available channels and stores them in memory. This takes about one to two minutes.

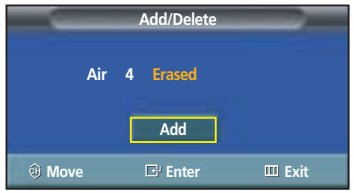
Adding and Erasing Channels (Manual Method)

1 Use the number buttons to directly select the channel that will be added or erased.

Ex) Channel "4"



2 Press the ADD/DEL button, then press the ENTER button. Repeatedly pressing this button will alternate between "Add" and "Erase".



3 Press the MENU button to exit.

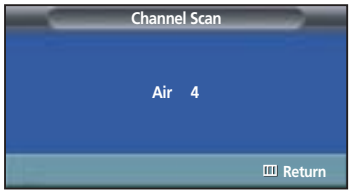
Note

- You can view any channel (including an erased channel) by using the number buttons on the remote control.

To View Memorized Channel (PIP Mode)

1 Press the MENU button. Press the ▲ or ▼ button to select "Channel", then press the ENTER button.

2 Press the ▲ or ▼ button to select "Channel Scan", then press the ENTER button.
Only the memorized channels are chosen.



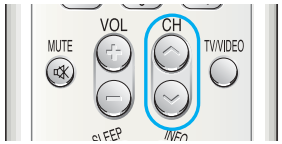
3 Press the MENU button to stop.

Changing Channels

Using the Channel Buttons

Press the CH⌃ or CH⌄ button to change channels.

When you press the CH⌃ or CH⌄ button, the PDP changes channels in sequence. You will see all the channels that the PDP has memorized. (The PDP must have memorized at least three channels.) You will not see channels that were either erased or not memorized.



Directly Accessing Channels

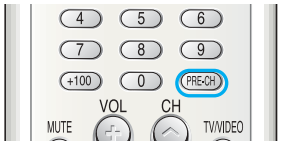
Press the number buttons to go directly to a channel. For example, to select channel 27, press "2" then "7". The TV will change channels when you press the second number.

When you use the number buttons, you can directly select channels that were either erased or not memorized. To change to single-digit channels (0~9) faster, press "0" before the single digit. (For channel "4" press "0", then "4".

Using the PRE-CH button to select the previous channel

Press the PRE-CH button. The TV will switch to the last channel viewed.

To quickly switch between two channels that are far apart, tune to one channel, then use the number button to select the second channel. Then, use the PRE-CH button to quickly alternate between them.



Adjusting the Volume

Using the Volume Buttons

Press the VOL + or VOL – button to increase or decrease the volume.

Using Mute

Using the MUTE Buttons

At any time, you can temporarily cut off the sound using the MUTE button.

1 Press the MUTE button and the sound cuts off. The word "Mute" will appear in the lower-left corner of the screen.

2 To turn mute off, press the MUTE button again, or simply press the VOL + or VOL – button.

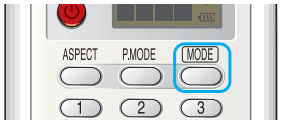
Setting Up Your Remote Control

This PDP's remote control can operate almost any VCR, cable box or DVD. After it has been set up properly, your remote control can operate in four different modes :TV, VCR, Cable or DVD.
Pressing the corresponding button on the remote control allows you to switch between these modes, and control whichever piece of equipment you choose.

Note : *• The remote control may not be compatible with all DVD Players, VCRs, Cable boxes.*
• The remote control can operate only on STB made by Samsung.

Setting Up the Remote to Operate Your VCR, Cable box or DVD player

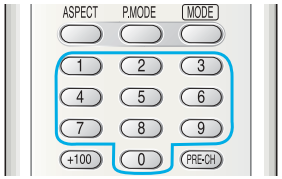
1 Turn off your VCR. (or Cable box, DVD player)



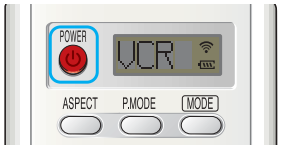
2 Press the MODE button. Mode is changed whenever MODE button is pressed.

3 Press the SET button on your TV's remote control.

4 Using the number buttons on your remote control, enter three digits of the VCR (or Cable box, DVD player) code listed on page 38 of this manual for your brand of VCR (or CATV, DVD). Make sure you enter three digits of the code, even if the first digit is a "0".
(If more than one code is listed, try the first one.)



5 Press the POWER button on the remote control. Your VCR (or CATV, DVD) should turn on if your remote is set up correctly. If your VCR (or CATV, DVD) does not turn on after setup, repeat steps 2, 3, and 4, but try one of the other codes listed for your brand of VCR (or CATV, DVD).
If no other codes are listed, try each code, 000 through 089 (or Cable box: 000 through 077, DVD player: 000 through 008).



Notes

- When your remote control is in "VCR" mode, the VCR control buttons (STOP, REW, PLAY/PAUSE, FF) still operate your VCR.
- When your remote control is in "CATV" or "DVD" mode, the VCR control buttons (STOP, REW, PLAY/PAUSE, FF) still operate your VCR.

Remote Control Codes

VCR Codes

Brand	Codes
Admiral	020
Aiwa	025
Akai	027 004 032
Audio Dynamics	007 026
Bell&Howell	018
Broksonic	022
Candle	002 006 003 015 008 055
Canon	021 056
Citizen	002 003 006 008 015 055
Colortyme	007
Craig	002 024
Curtis Mathes	002 017 007 008 021 025 056 064 066
Daewoo	003 015 010 011 012 013 014 016
DBX	007 026
Dimensia	017
Dynatech	034
Emerson	001 003 006 021 022 025 030 032 034 040 047 050 052 060 063 065 066 067 069
Fisher	018 024 028 029 048 051 061
Funai	025
General Electric	017 002 021 005 056
Go Video	002
LG(Goldstar)	006 007 008 009 010
Harman Kardon	007
Hitachi	019 025 041 042
InstantReplay	021
JC Renney	002 007 018 019 021 026 037 041 054 056
JVC	007 008 018 021 026 037
Kenwood	007 008 018 026 037
KLH	070
Lioyd	025
Logik	038
LXI	025
Magnavox	021 036 056 059
Marantz	008 007 018 021 026 036 037 062
Marta	006
MEI	021
Memorex	006 021 024 025
MGA	034
Midland	005
Minolta	019 041
Mitsubishi	019 034 041 046
Montgomery Ward	020
MTC	002 025
Multitech	002 025 038 005
NEC	018 007 026 037 008 062 064
Optimus	020
Panasonic	021 056 071 072
Pentax	019 041
Pentex Research	008
Philco	021 036 056 059
Philips	021 036
Pioneer	019 026 039 053
Portland	015 049 055
PROSCAN	017
Quartz	018
Quasar	021 056
Radio Shack/Realistic	006 018 020 021 024 025 029 034 048 056
RCA	017 019 002 021 035 041 043 057 068
Samsung	000 001 002 003 004 005
Sansui	026
Sanyo	018 024
Scott	003 047 052 067
Sears	018 019 006 024 028 029 041 048 051
Sharp	020 034 045 015
Shimom	027 033 038 058
Signature	025
Sony	027 033 044
Sylvania	021 025 036 056 059
Symphonic	025
Tandy	018 025
Tashika	006
Tatung	037
Teac	025 037 068
Technics	021
Teknika	021 006 025 031
TMK	066
Toshiba	003 019 029 051 052
Totevision	002 006
Unitech	002
VectorResearch	007 026
Victor	026
Video Concepts	007 026
Videosonic	002
Wards	002 003 006 019 020 021 024 025 034 038 041
Yamaha	007 008 018 026 037
Zenith	023 027 033 073

Cable Box Codes

Brand	Codes
Anvision	017 018
GI	041
Hamlin	003 024 031
Hitachi	025 030
Jerrold	038 039
Macom	025 030
Magnavox	019 023 028
Oak	026
Panasonic	003 022 027 037 044
Philips	019 021 023 028
Pioneer	018 020 004 044
RCA	014 022 040
Regal	003
Regency	015 023
SA	042 043
Samsung	000 001 002 003 004 005 006 007
Scientific Atlanta	042 043
Sprucer	022
Stargate 2000	036
Sylvania	016
Texscan	016
Tocom	032
Universal	033 034
Viewstar	019 021 023 028
Wamer amex	046
Zenith	017 029 035 037 045

DVD Codes

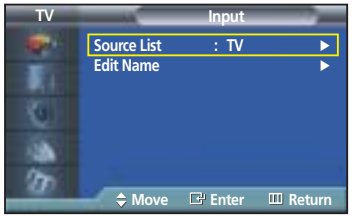
Brand	Codes
Samsung	000 001
JVC	002
PROSCAN	003
RCA	003
LG(Goldstar)	006
Sony	007
Denon	008
Curtis Mathes	009

Viewing an External Signal Source

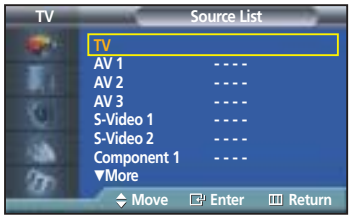
Use the remote control to switch between viewing signals from connected equipment, such as VCRs, DVD, Set-Top box and the TV source (broadcast or cable).

Setting the Signal Source

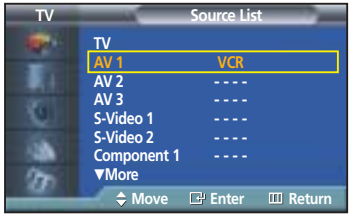
1 Press the MENU button. Press the ENTER button to select "Input".



2 Press the ENTER button to select "Source List".



3 Press the ▲ or ▼ button to select signal source, then press the ENTER button.

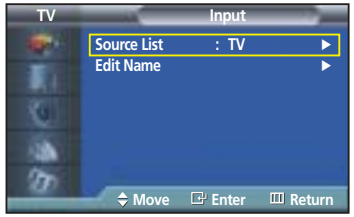


Notes

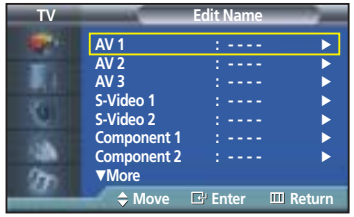
- When you connect equipment to the PDP, you can choose between the following sets of jacks: AV 1, AV 2, S-Video, Component 1, Component 2, Monitor OUT, PC or DVI on the PDP's rear panel.

Assigning Names to External input mode

1 Press the MENU button. Press the ENTER button to select "Input".

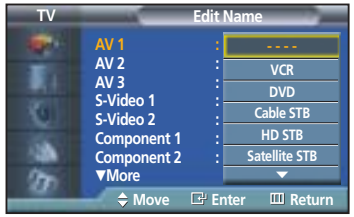


2 Press the ▲ or ▼ button to select "Edit Name", then press the ENTER button.



3 Press the ENTER button.

- Press the ▲ or ▼ button to select external device: VCR, DVD, Cable STB, HD STB, Satellite STB, AV Receiver, DVD Receiver, Game, Camcorder, DVD Combo, DHR or PC.
  Set other signal sources (AV 2, AV 3, S-Video 1, S-Video 2, Component 1, Component 2, PC or DVI) using the same method as listed above.



4 Press the MENU button to exit.

SAMSUNG

PLASMA DISPLAY PANEL

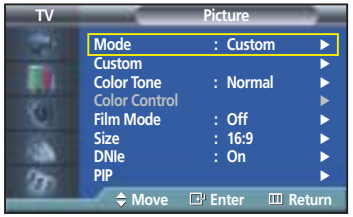
Picture Control

Customizing the Picture 44
Using Automatic Picture Settings 45
Selecting the Color Tone.....46
DNIe (Digital Natural Image engine) 47
Changing the Screen Size 48
Freezing the Picture 50
Viewing the Picture-in-Picture.....51
Selecting a Signal Source (Antenna or Cable) for PIP.....56

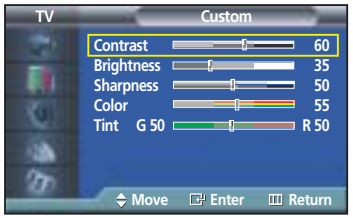
Customizing the Picture

You can use the on-screen menus to change the Contrast, Brightness, Sharpness, Color, and Tint settings of your PDP.

1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.



2 Press the ▲ or ▼ button to select "Custom", then press the ENTER button.
You will also see the items "Contrast", "Brightness", "Sharpness", "Color" and "Tint".



3 Press the ▲ or ▼ button to select the item you wish to change, then press the ◄ or ► button to change the value of the item.

4 Press the MENU button to exit.

Note

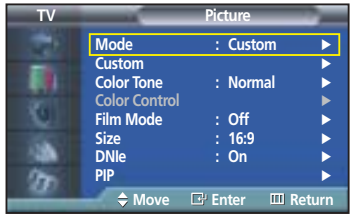
- In the PC/DVI mode, you can't adjust the Color and Tint.

Using Automatic Picture Settings

Your PDP has automatic picture settings that allow you to adjust the video display easily.

1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.

➤ Quick way to access the picture setting: Just press the "P.MODE" button on the remote control.



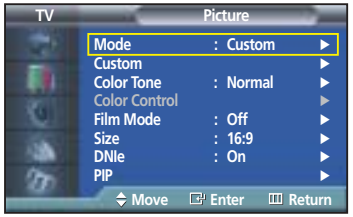
2 Press the ENTER button to select "Mode".

3 Press the ▲ or ▼ button to select "Standard", "Music", "Movie", "Speech", or "Custom" picture setting.
- You can select "Entertain", "Internet", "Text", or "Custom" in PC/DVI mode.

4 Press the MENU button to exit.

Selecting the Color Tone

1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.



2 Press the ▲ or ▼ button to select "Color Tone", then press the ENTER button.

3 Press the ▲ or ▼ button to select "Cool2", "Cool1", "Normal", "Warm1" or "Warm2".
- You can select "Custom", "Cool", Normal" or "Warm" in PC mode.
- You can select "Cool", "Normal" or "Warm" in DVI mode.

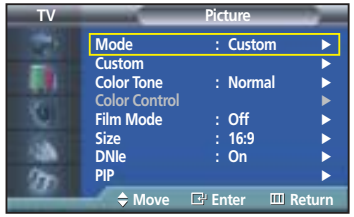
4 Press the MENU button to exit.

DNIe (Digital Natural Image engine)

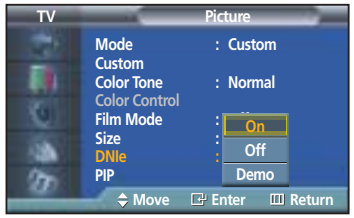
Samsung's New Technology brings you more detailed images with contrast, white enhancement and 3D noise reduction.

1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.

➤ Quick way to select DNIe: Simply press the "DNIe" button under the cover of the remote control.

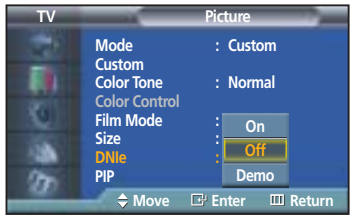


2 Press the ▲ or ▼ button to select "DNIe", then press the ENTER button.



3 Press the ▲ or ▼ button to select "On", "Off" or "Demo".

- On : Switches on the DNIe mode.
- Off : Switches off the DNIe mode.
- Demo : The screen before applying DNIe appears on the right and the screen after applying DNIe appears on the left.



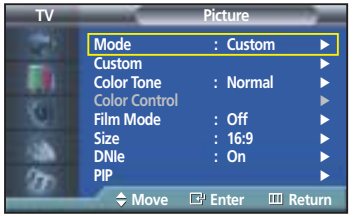
4 Press the MENU button to exit.

Changing the Screen Size

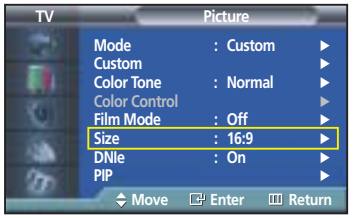
Your selection in the Screen Size depends on the type of TV or monitor you are using your PDP.

➤ Quick way to access the Screen Size menu : Just press the "ASPECT" button on the remote control.

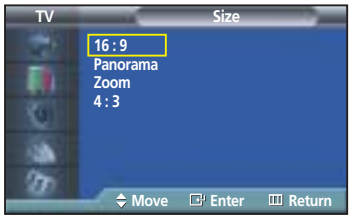
1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.



2 Press the ▲ or ▼ button to select "Size", then press the ENTER button.



3 Press the ◄ or ► button to select the screen size you want, then press the ENTER button.



4 Press the MENU button to exit.

Note

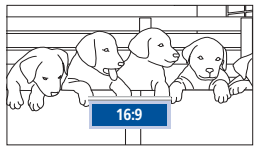
- If you watch a still image or the 4:3 (Normal) mode for a long time (over 2 hours), an image may be burned onto the screen.
  View the monitor in 16:9(Wide) or Panorama mode as much as possible.

Note

- If you watch a still image or the Normal (4:3) mode for a long time (over 2 hours), an image may be burned onto the screen. View the monitor in Wide or Panorama mode as much as possible.

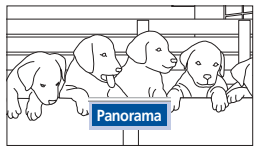
16:9(Wide)

16:9 Aspect Ratio that fits DVD and Wide Screen applications.



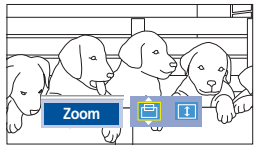
Panorama

Fits a 16:9 picture onto a 4:3 screen and displays it without clipping the image.



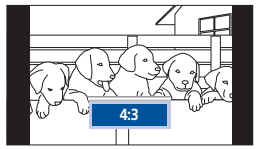
Zoom

Magnifies the 16:9 wide picture (in a vertical direction) to fit the screen size.
Select by pressing the ◄ or ► button.
Use the ▲ or ▼ button to move the picture up and down. After selecting , use the ▲ or ▼ button to magnify or reduce the picture size in a vertical direction.



4 : 3(Normal)

Standard TV and VCR screen size having a 4:3 Aspect Ratio.



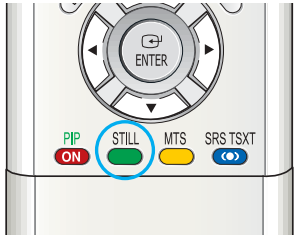
Notes

- In TV, VIDEO, S-VIDEO and Component (480i) modes, all screen modes can be selected. (Wide → Panorama → Zoom → Normal).
- In PC/DVI mode, only Wide & Normal modes can be selected.
- In Component (480p, 720p. 1080i) modes, Panorama mode can't be selected.
- In Component (480p, 720p. 1080i) modes, you can move the picture on screen by pressing the ▲ or ▼ button. (All screen modes)
- Changing the screen size to Normal, or Zoom during PIP mode will cause the PIP window to disappear.

Freezing the Picture

Still

Press the STILL button on the remote control to freeze a moving picture. Press again to cancel.

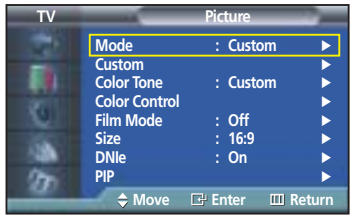


Viewing the Picture-in-Picture

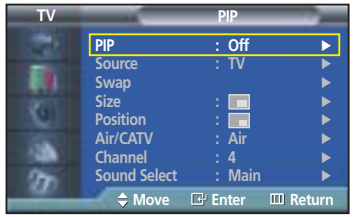
Selecting the PIP Screen

1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.

➤ Quick way to access the PIP mode: Just press the "PIP" button on the remote control.

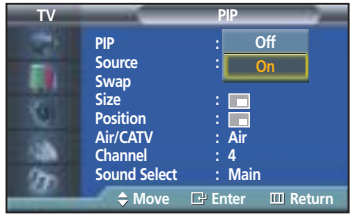


2 Press the ▲ or ▼ button to select "PIP", then press the ENTER button.



3 Press the ENTER button, then press the ▲ or ▼ button to select "On". The PIP image will appear in the corner of the screen.

- Pressing the ▲ or ▼ button will alternate between "On" and "Off".



Note

- Check if the V-Chip Lock (refer to page 96) is ON if the PIP On/Off will not function. PIP does not function when the V-Chip Lock is set to On. Change the setting to Off and try it again.

4 Press the MENU button to exit.

PIP Settings

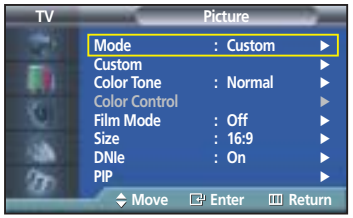
O : PIP and Swap Operate
X : PIP doesn't Operate

PIP screen \ Main screen	TV	AV 1	AV 2	AV 3	S-Video 1	S-Video 2	Component 1	Component 2
TV	O	O	O	O	O	O	O	O
AV 1	O	X	O	O	O	O	O	O
AV 2	O	O	X	O	O	O	O	O
AV 3	O	O	O	X	O	O	O	O
S-Video 1	O	O	O	O	X	O	O	O
S-Video 2	O	O	O	O	O	X	O	O
Component 1	O	O	O	O	O	O	X	X
Component 2	O	O	O	O	O	O	X	X

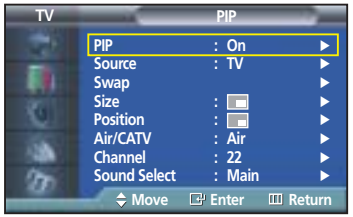
Selecting an External Signal

You can use PIP to view a signal from an external source, such as a VCR.

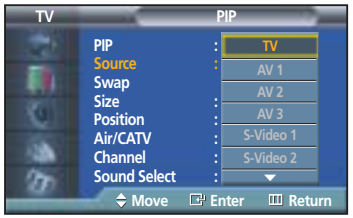
1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.



2 Press the ▲ or ▼ button to select "PIP", then press the ENTER button.

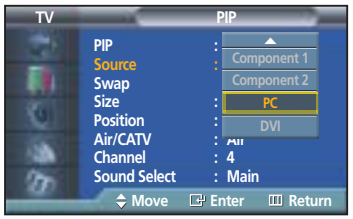


3 Press the ▲ or ▼ button to select "Source", then press the ENTER button.



4 Press the ▲ or ▼ button to cycle through all of the available signal sources:
"TV", "AV 1", "AV 2", "AV 3", "S-Video 1", "S-Video 2", "Component 1", "Component 2", "PC" and "DVI".

The signal from these inputs will not appear if you have not connected any equipment to the PDP's respective input jacks.



5 Press the MENU button to exit.

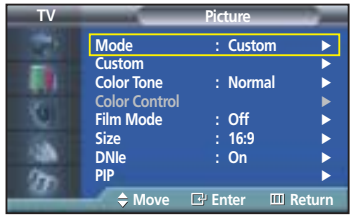
Note

- The PIP function operates in Wide screen.
- Using Multi-Screen in the Normal or Zoom screen will change the size of the main screen to Wide screen.

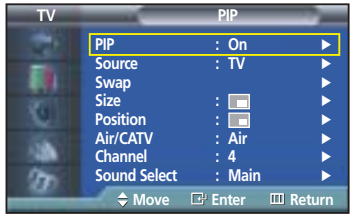
Swapping the Contents of the PIP Image and Main Image

1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.

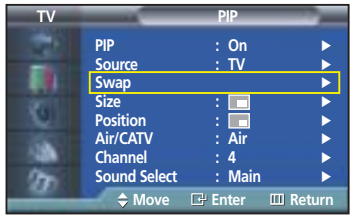
➤ Quick way to access swapping: Just press the "SWAP" button under the cover of the remote control.



2 Press the ▲ or ▼ button to select "PIP", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Swap", then press the ENTER button.
- The image in the PIP window will appear on the main screen, and vice versa.

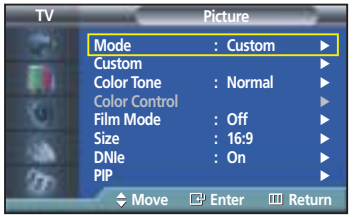


4 Press the MENU button to exit.

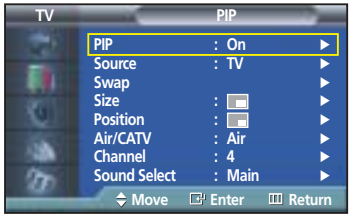
Changing the Size of the PIP Window

1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.

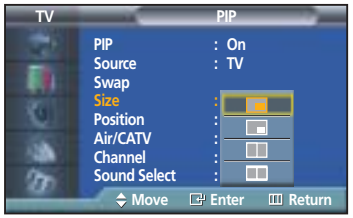
➤ Quick way to access PIP size: Just press the "SIZE" button under the cover of the remote control.



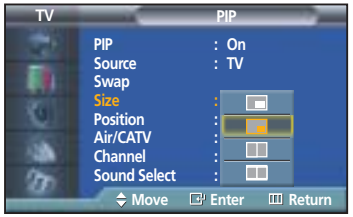
2 Press the ▲ or ▼ button to select "PIP", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Size", then press the ENTER button.



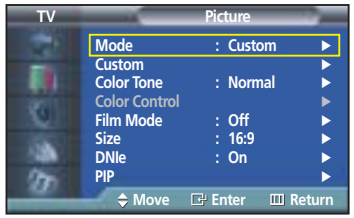
4 Press the ▲ or ▼ button to select option you want, then press the ENTER button.



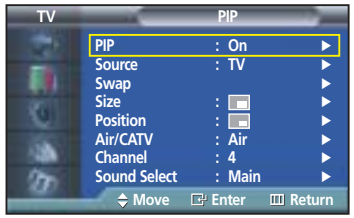
5 Press the MENU button to exit.

Changing the Location of the PIP Image

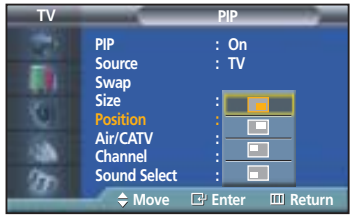
1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.



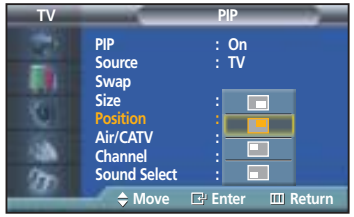
2 Press the ▲ or ▼ button to select "PIP", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Position", then press the ENTER button.



4 Press the ▲ or ▼ button to select PIP position you want, then press the ENTER button.

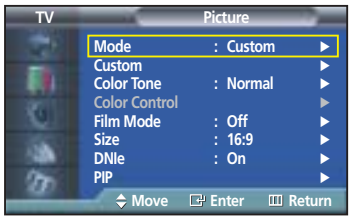


5 Press the MENU button to exit.

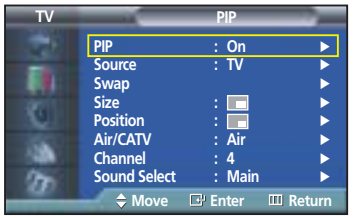
Selecting a Signal Source (Antenna or Cable) for PIP

If the PIP source is TV during PIP ON, you can select the broadcasting source of PIP picture separately from the main picture.

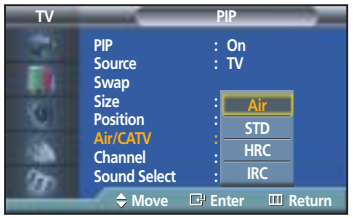
1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.



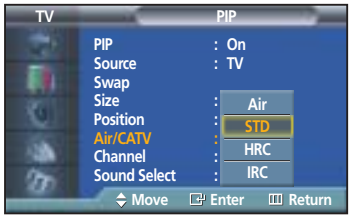
2 Press the ▲ or ▼ button to select "PIP", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Air/CATV", then press the ENTER button.



4 If an antenna is connected, the setting is "Air". If a Cable TV system is providing the signal, press the ▲ or ▼ button until the appropriate type of cable system is selected ("STD", "HRC" or "IRC").

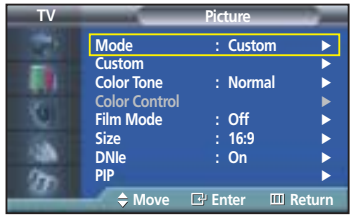


5 Press the MENU button to exit the menu.

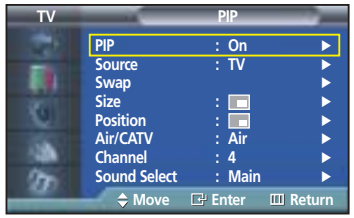
Changing the PIP Channel

1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.

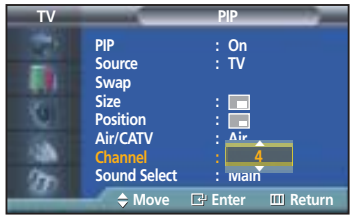
➤ Quick way to change the PIP channel: Just press the "CH ︿" or "CH ﹀" button under the cover of the remote control.



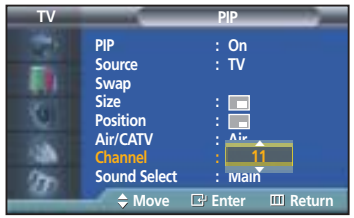
2 Press the ▲ or ▼ button to select "PIP", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Channel", then press the ENTER button.



4 Press the ▲ or ▼ button to change the channel that appears in the PIP window.



5 Press the MENU button to exit.

SAMSUNG

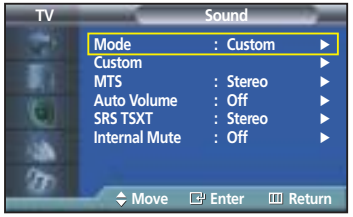
PLASMA DISPLAY PANEL

Sound Control

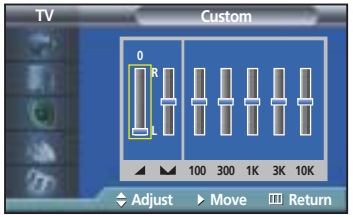
Customizing the Sound 60
Using Automatic Sound Settings 61
Choosing a Multi-Channel Sound (MTS)Soundtrack 62
Using the Auto Volume.....63
Setting the TruSurround XT 64
Listening to the Sound of the Sub Picture (PC or DVI Mode).....65
Selecting the Internal Mute 66

Customizing the Sound

1 Press the MENU button. Press the ▲ or ▼ button to select "Sound", then press the ENTER button.



2 Press the ▲ or ▼ button to select "Custom", then press the ENTER button.



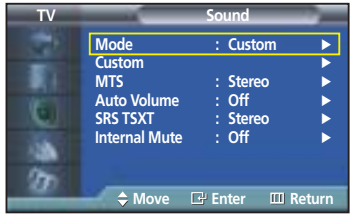
3 Select the option (volume, balance, equalizer) to be adjusted by pressing the ◄ or ► button. Press the ▲ or ▼ button to reach the required setting.

4 Press the MENU button to exit.

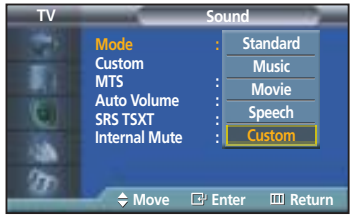
➢ If you make any changes to the equalizer settings, the sound Mode is automatically switched to the custom.

Using Automatic Sound Settings

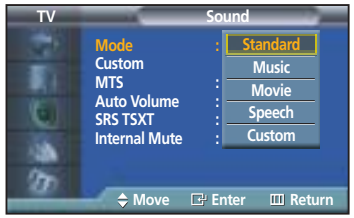
1 Press the MENU button. Press the ▲ or ▼ button to select "Sound", then press the ENTER button.



2 Press the ENTER button to select "Mode".



3 Press the ▲ or ▼ button to select "Standard", "Music", "Movie", "Speech" or "Custom" sound setting, then press the ENTER button.



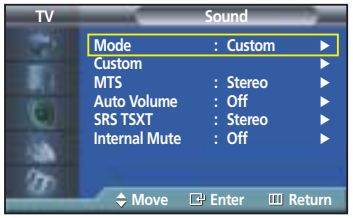
4 Press the MENU button to exit.

Choosing a Multi-Channel Sound (MTS) Soundtrack

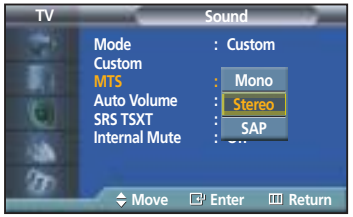
Depending on the particular program being broadcast, you can listen to stereo, mono, or a Separate Audio Program. (SAP audio is usually a foreign-language translation. Sometimes SAP has unrelated information like news or weather.)

1 Press the MENU button. Press the ▲ or ▼ button to select "Sound", then press the ENTER button.

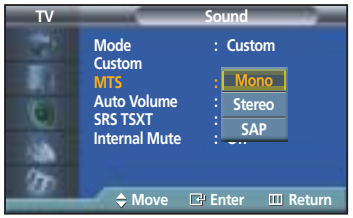
➤ Quick way to access the MTS menu: Just press the "MTS" button on the remote control.



2 Press the ▲ or ▼ button to select "MTS", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Mono", "Stereo" or "SAP", then press the ENTER button.



4 Press the MENU button to exit.

- Choose *Stereo* for channels that are broadcasting in stereo.
- Choose *Mono* for channels that are broadcasting in mono, or if you are having difficulty receiving a stereo signal.
- Choose *SAP* to listen to the Separate Audio Program, which is usually a foreign-language translation.

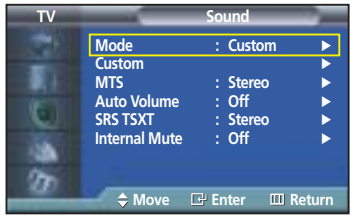
Note

• The MTS function operates in TV mode only.

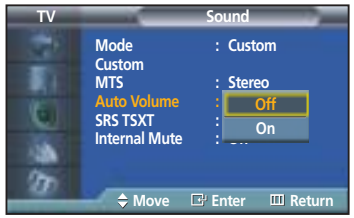
Using the Auto Volume

Each broadcasting station has its own signal conditions, which can make it necessary to adjust the volume every time the channel is changed. "Auto volume" 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.

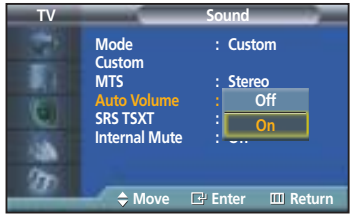
1 Press the MENU button. Press the ▲ or ▼ button to select "Sound", then press the ENTER button.



2 Press the ▲ or ▼ button to select "Auto Volume", then press the ENTER button.



3 Press the ▲ or ▼ button to select "On", then press the ENTER button.
- Pressing the ▲ or ▼ button will alternate between "On" and "Off".



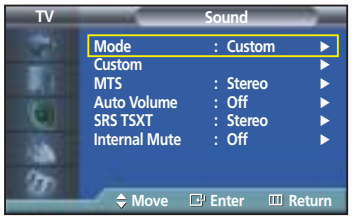
4 Press the MENU button to exit.

Setting the TruSurround XT

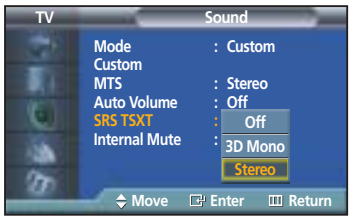
TruSurround XT is a patented SRS technology that solves the problem of playing 5.1 multichannel content over two speakers. Tursurround delivers a compelling, virtual surround sound experience through any two-speaker playback system, including internal television speakers. It is fully compatible with all multichannel formats.

1 Press the MENU button. Press the ▲ or ▼ button to select "Sound", then press the ENTER button.

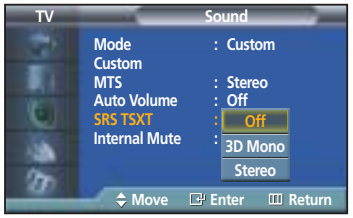
➤ Quick way to access the TruSurround XT menu: Just press the "SRS TSXT" button on the remote control.



2 Press the ▲ or ▼ button to select "SRS TSXT", then press the ENTER button.

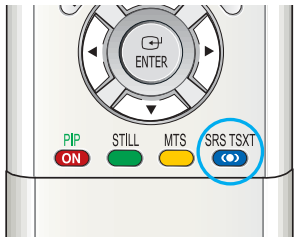


3 Press the ▲ or ▼ button to change the setting (Off, 3D Mono or Stereo), then press the ENTER button.



4 Press the MENU button to exit.

➤ TruSurround XT, SRS and ( ) Symbol are trademarks of SRS Labs, Inc. TruSurround XT technology is incorporated under license from SRS Labs, Inc.

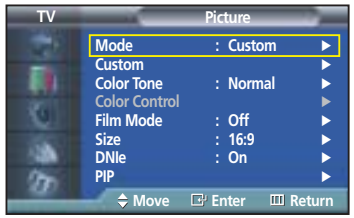


Listening to the Sound of the Sub Picture (PC or DVI Mode)

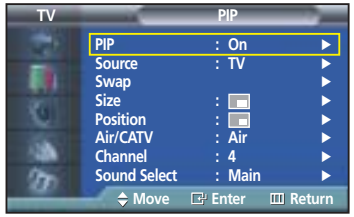
➤ Preset to the PC or DVI mode by using the SOURCE button.

During the PIP feature is activating, you can listen to the sound of the sub picture.

1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.

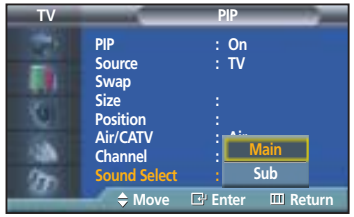


2 Press the ▲ or ▼ button to select "PIP", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Sound Select", then press the ENTER button.

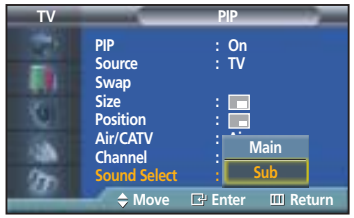
- Pressing the ▲ or ▼ button will alternate between "Main" and "Sub".



4 Set to Sub by pressing the ▲ or ▼ button.

- You can listen to the sound of the sub picture.

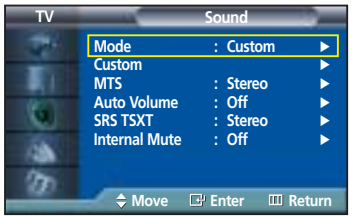
➤ To listen the sound of current main picture, set to Main.



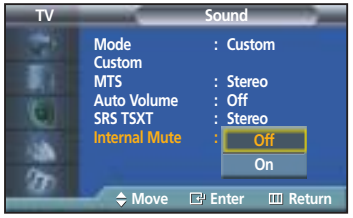
Selecting the Internal Mute

Since the speakers are built in the PDP, you can hear the sound without connecting separate speakers.
If you want to hear the sound through separate speakers, cancel the internal amplifier.

1 Press the MENU button. Press the ▲ or ▼ button to select "Sound", then press the ENTER button.

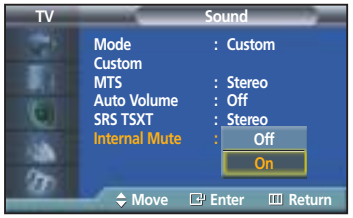


2 Press the ▲ or ▼ button to select "Internal Mute", then press the ENTER button.

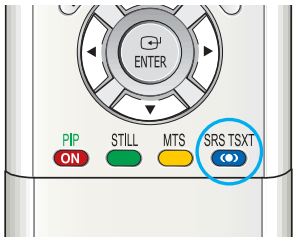


3 Press the ▲ or ▼ button to select "On", then press the ENTER button.

- Pressing the ▲ or ▼ button will alternate between "On" and "Off".



4 Press the MENU button to exit.



SAMSUNG

PLASMA DISPLAY PANEL

Channel Control

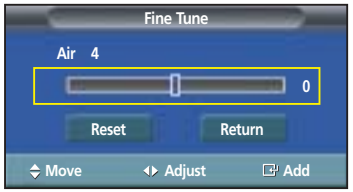
Fine Tuning Channels.....68
LNA (Low Noise Amplifier).....69

CH Fine Tuning Channels

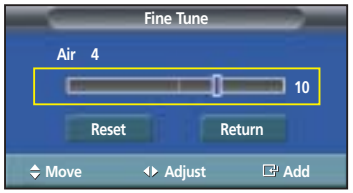
Use fine tuning to manually adjust a particular channel for optimal reception.

1 Press the MENU button. Press the ▲ or ▼ button to select "Channel", then press the ENTER button.

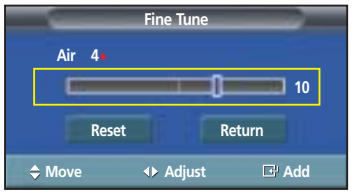
2 Press the ▲ or ▼ button to select "Fine Tune", then press the ENTER button.



3 Press the ◄ or ► button to adjust the fine tuning.



4 To store the fine tuning setting in the TV's memory, press the ENTER button. (A star icon(*) will appear.) To reset the fine tuning to "0", press the ▲ button to select "Reset", then press the ENTER button.



5 Press the MENU button to exit.

CH LNA (Low Noise Amplifier)

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

1 Press the MENU button. Press the ▲ or ▼ button to select "Channel", then press the ENTER button.

2 Press the ▲ or ▼ button to select "LNA", then press the ENTER button.

3 Press the ▲ or ▼ button to select "On", then press the ENTER button.

- Pressing the ▲ or ▼ button will alternate between "On" and "Off".

4 Press the MENU button to exit.

SAMSUNG

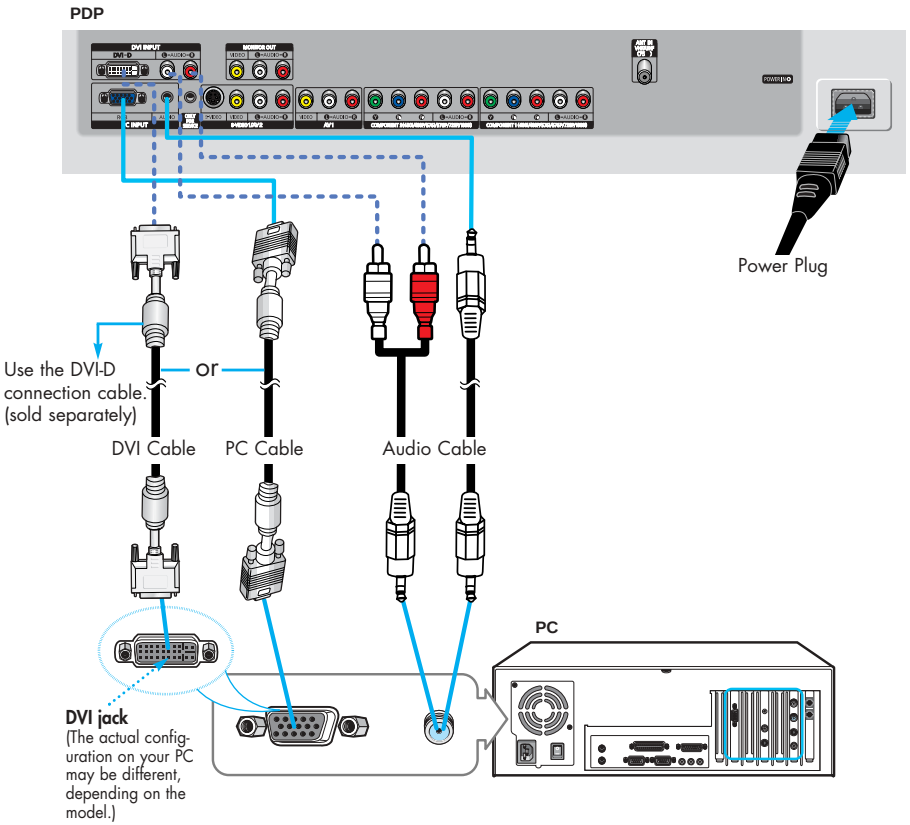
PLASMA DISPLAY PANEL

Connecting a PC and Operation

Connecting to a PC 72
Adjusting the PC Screen 76
Changing the Position of the Image 77
Picture Quality Adjustment 78
Information 81

Connecting to a PC

Connection to a Macintosh computer may require in adapter.



Connecting a PC to the PDP

1 Connect a PC (15pin) cable between the PC Output jack (or DVI jack) on the PC and the RGB IN(or DVI IN) Input jack (15p D-SUB) on the PDP.

2 Connect a Audio cable between the Audio (RGB or DVI) on the PC and the Audio L/R (RGB or DVI) input jacks on the PDP.

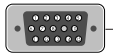
To watch the PC screen:

1. Turn on your PDP
2. Press the TV/VIDEO button on the remote control or SOURCE button on the front panel to select "PC".
3. Turn on PC and check for PC system requirements. (Refer to pages 74 and 75 for PC system requirements.)
4. Adjust the PC screen. (Refer to pages 76 and 81.)

Pin Configuration

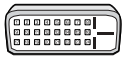
D-Sub Cable

• 15Pin Signal Cable (based on protruded pin)



Pin No.	PC IN	PC OUT
1	Red (R)	Red (R)
2	Green (G)	Green (G)
3	Blue (B)	Blue (B)
4	Grounding	Grounding
5	Grounding (DDC)	Grounding (DDC)
6	Red (R) Grounding	Red (R) Grounding
7	Green (G) Grounding	Green (G) Grounding
8	Blue (B) Grounding	Blue (B) Grounding
9	Reserved	Reserved
10	Sync Grounding	Sync Grounding
11	Grounding	Grounding
12	Data (DDC)	Data (DDC)
13	Horizontal sync.	Horizontal sync.
14	Vertical sync.	Vertical sync.
15	Clock (DDC)	Clock (DDC)

DVI-D Cable (Digital-Only Connector)



Pin No.	Signal Assignment	Pin No.	Signal Assignment
1	T.M.D.S. Data2-	13	T.M.D.S. Data3+
2	T.M.D.S. Data2+	14	+5V Power
3	T.M.D.S. Data2/4 Shield	15	Ground (for +5V)
4	T.M.D.S. Data4-	16	Hot Plug Detect
5	T.M.D.S. Data4+	17	T.M.D.S. Data0-
6	DDC Clock	18	T.M.D.S. Data0+
7	DDC Data	19	T.M.D.S. Data0/5 Shield
8	No Connect	20	T.M.D.S. Data5-
9	T.M.D.S. Data1-	21	T.M.D.S. Data5+
10	T.M.D.S. Data1+	22	T.M.D.S. Clock Shield
11	T.M.D.S. Data1/3 Shield	23	T.M.D.S. Clock+
12	T.M.D.S. Data3-	24	T.M.D.S. Clock-

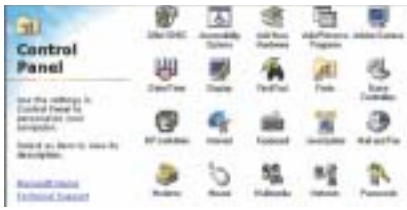
Setting up Your PDP (Plug and Play)

Our adoption of the new VESA® Plug and Play solution eliminates complicated and time consuming setup. It allows you to install your monitor in a Plug and Play compatible system, without the usual setup hassles and confusion. Your PC system can easily identify and configure itself for use with your display. This monitor automatically tells the PC system its Extended Display Identification data (EDID) using Display Data Channel (DDC) protocols.

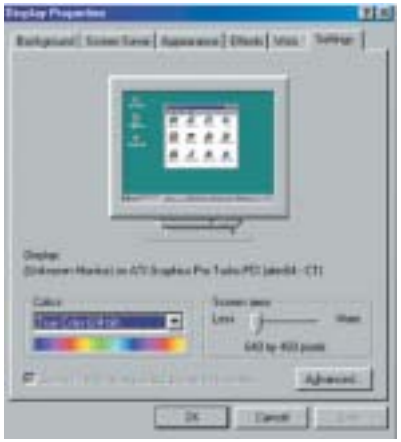
How to Set up Your PC Software (Windows only)

The Windows display-settings for a typical computer are shown below. However, 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.)

On the windows screen, select in the following sequence : Start → Settings → Control Panel.



When the control panel screen appears, click on "Display" and a display dialog-box will appear.



Select the "Settings" tab in the display dialog-box.

The two key variables that apply to the PDP-PC interface are "resolution" and "colors".
The correct settings for these two variables are:

- Size (sometimes called "resolution") :640 x 480 pixels.
- Color: "24-bit" color (might also be expressed as "16 million colors") Shown at left is a typical screen for "Display" dialog box.

If a vertical-frequency option exists on your display settings dialog box, the correct value is "60" or "60 Hz". Otherwise, just click "OK" and exit the dialog box.

Continued...

Notes:
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
IBM PC / AT Compatible	VGA	640 X 350	70.086	31.469	N	P
		720 X 400	70.087	31.469	P	N
		640 X 480	59.940	31.469	N	N
			72.809	37.861		
			75.000	37.500		
	SVGA	800 X 600	56.250	35.156	N/P	N/P
			60.317	37.897	P	P
			72.188	48.077	P	P
			75.000	46.875	P	P
	WVGA	848 X 480	60	29.838	nVidia chipset	
			72	36.072		
			75	37.650		
	XGA	1024 X 768	60.004	48.363	N	N
			70.069	56.476	N	N
			75.029	60.023	P	P
	* SXGA	* 1280x1024	60.020	63.981	P	P

- The interlace mode is not supported.
- The PDP operates abnormally if a non-standard video format is selected.
- This sheet conforms to IBM/VESA regulations and is prepared on the basis of Analog Input.
- * mode is not supported during the input of DVI.

Notes:
- When this PDP is used as a PC display, 32-bit color is supported.
- Depending on the manufacturer, your PC display screen might appear different. (and depending on your particular version of Windows.)
  Check your PC instruction book for information about connecting your PC to a PDP.
- If a vertical and horizontal frequency-select mode exists, select 60Hz (vertical) and 31.5kHZ (horizontal).
- In some cases, abnormal signals (such as stripes) might appear on the screen when the PC power is turned off (or if the PC is disconnected). If so, press the TV/VIDEO button on the remote control or SOURCE button on the front panel to enter the VIDEO mode. Also, make sure that the PC is connected.
- Connect only a PC monitor to the monitor output port while viewing the PC screen. (Otherwise, random signals might appear).

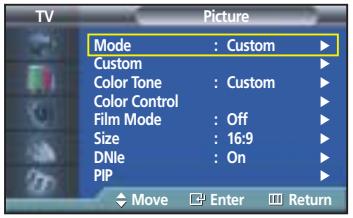
Adjusting the PC Screen

Adjusting the R.G.B

Preset:

- Press the TV/VIDEO button to select "PC".

1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.



2 Press the ▲ or ▼ button to select "Color Control", then press the ENTER button.
The "Color Control" is available only when "Color Tone" is set in the custom mode.

3 Press the ▲ or ▼ button to select the item you want to change, then press the ◄ or ► button to change the value of the item, using the on-screen gauge as your guide.

4 Press the MENU button to exit.

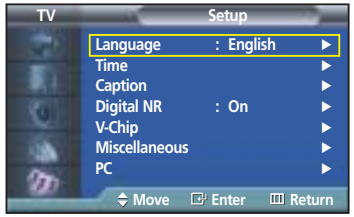
Changing the Position of the Image

After connecting the PDP to your PC, adjust the position of the screen if it is not well-aligned.

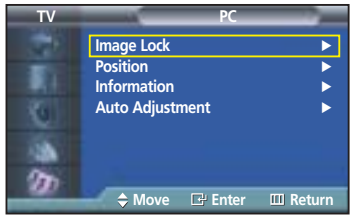
Preset:

- Press the TV/VIDEO button to select "PC."

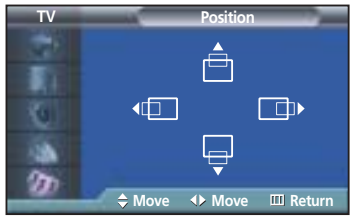
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



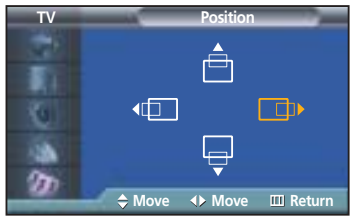
2 Press the ▲ or ▼ button to select "PC", then press the ENTER button.



3 Press the ENTER button to select "Position".



4 Adjust the position of screen by pressing the ▲ / ▼/ ◄ / ► button.



5 Press the MENU button to exit.

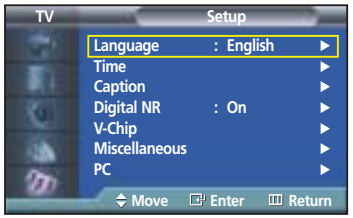
Picture Quality Adjustment

Picture Automatic Adjustment

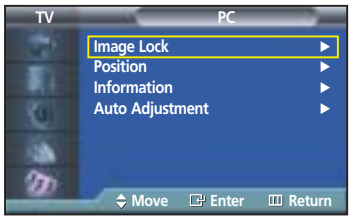
Preset:

- Press the TV/VIDEO button to select "PC".

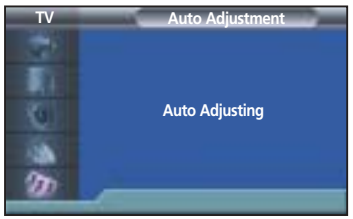
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



2 Press the ▲ or ▼ button to select "PC", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Auto Adjustment", then press the ENTER button. The message "Auto Adjusting" appears on the screen and the picture adjustments are automatically activated.



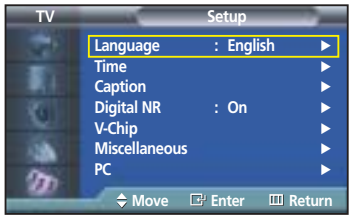
4 Press the MENU button to exit.

Coarse Adjustment

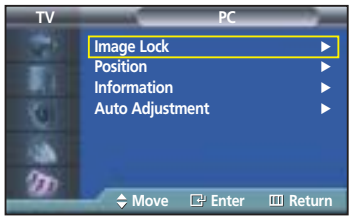
Preset:

- Press the TV/VIDEO button to select "PC".

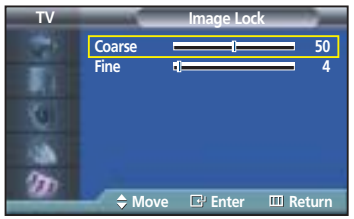
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



2 Press the ▲ or ▼ button to select "PC", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Image Lock", then press the ENTER button.



4 Press the ENTER button to select "Coarse".

Remove picture noise (vertical stripes) on the screen by pressing the ◄ or ► button. (If Coarse is not set properly, vertical stripes will appear on the screen.)

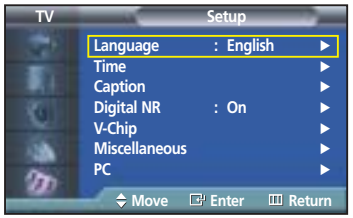
5 Press the MENU button to exit.

Fine Tuning (Fine)

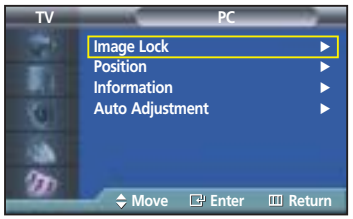
Preset:

- Press the TV/VIDEO button to select "PC".

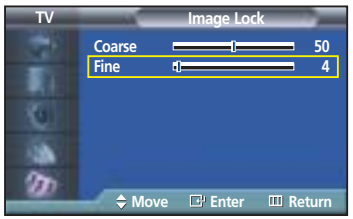
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



2 Press the ▲ or ▼ button to select "PC", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Image Lock", then press the ENTER button.



4 Press the ▲ or ▼ button to select "Fine", then press the ENTER button.
Remove picture noise on the screen by pressing the ◄ or ► button. (If Fine is not set properly, noise will appear on the screen.)

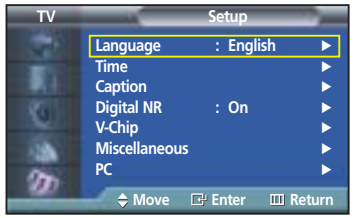
5 Press the MENU button to exit.

Information

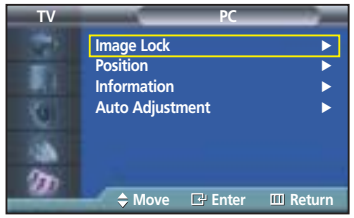
Preset:

- Press the TV/VIDEO button to select "PC".

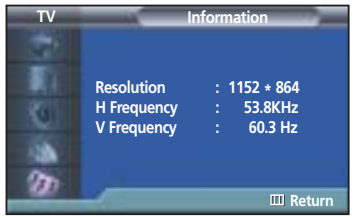
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



2 Press the ▲ or ▼ button to select "PC", then press the ENTER button.



3 Press the ▲ or ▼ button to select "information", then press the ENTER button. The vertical, horizontal frequencies and resolution appear.

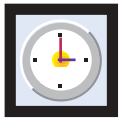


4 Press the MENU button to exit.

SAMSUNG

PLASMA DISPLAY PANEL

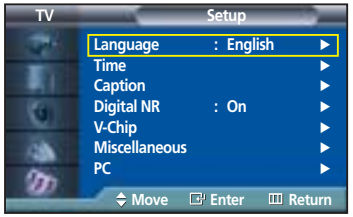
Time Setting



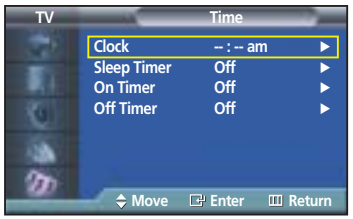
Setting the Clock 84
Setting the Sleep Timer.....85
Setting the Timers 86

Setting the Clock

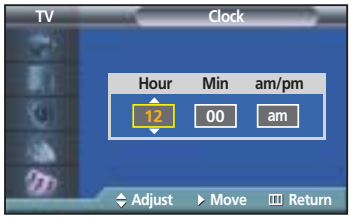
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



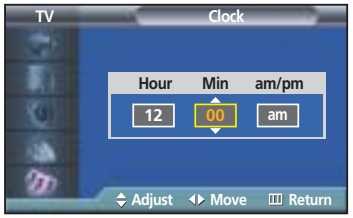
2 Press the ▲ or ▼ button to select "Time", then press the ENTER button.



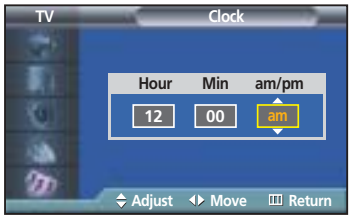
3 Press the ENTER button to select "Clock".
Press the ENTER button to select "Hour", then press the ▲ or ▼ button to select correct hour.



4 Press the ▶ button to select "Min.", then press the ▲ or ▼ button to select correct minute.



5 Press the ▶ button to select "am/pm.", then press the ▲ or ▼ button to select the proper time of day (am or pm).



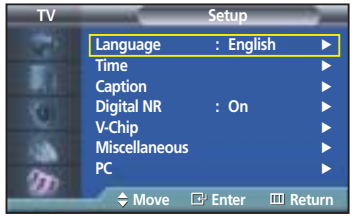
6 Press the MENU button to exit.

Setting the Sleep Timer

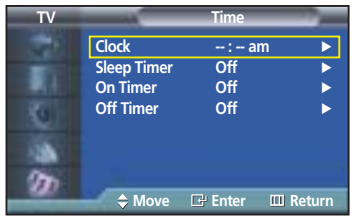
You can set your PDP to automatically turn off after a preset interval.

1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.

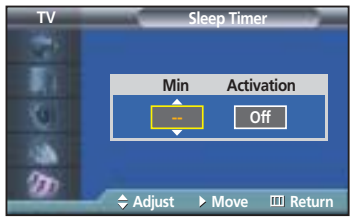
➤ Quick way to access the sleep timer setting: Just press the "SLEEP" button on the remote control.



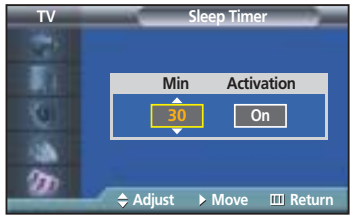
2 Press the ▲ or ▼ button to select "Time", then press the ENTER button.



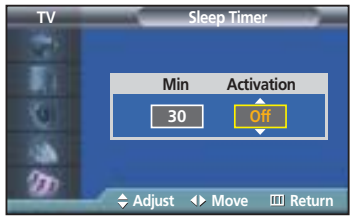
3 Press the ▲ or ▼ button to select "Sleep Timer", then press the ENTER button.



4 Press the ▲ or ▼ button to select the time interval for the PDP to stay on. The interval ranges from 30 to 180 minutes.



5 Press the ▶ button to select "Activation", then press the ▲ or ▼ button to select "On" or "Off".

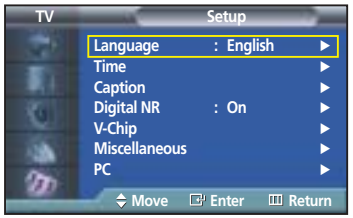


6 Press the MENU button to exit.

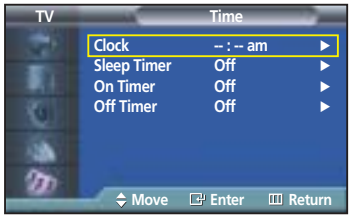
Setting the Timers

This PDP can be set to turn on or off automatically at specific times that you choose.
Before using the timers, you must set the PDP's clock, as described previously.

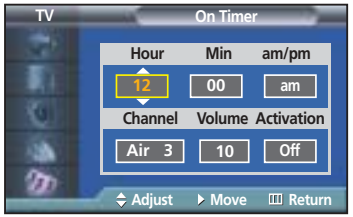
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



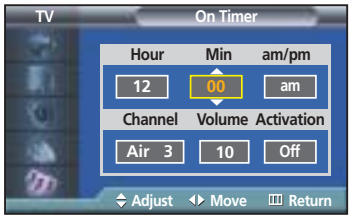
2 Press the ▲ or ▼ button to select "Time", then press the ENTER button.



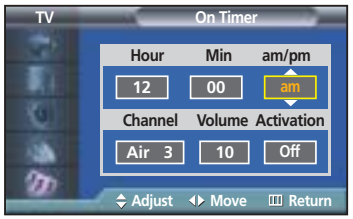
3 Press the ▲ or ▼ button to select "On Timer", then press the ENTER button.
Press the ▶ button to select "Hour", then press the ▲ or ▼ button to select correct hour.



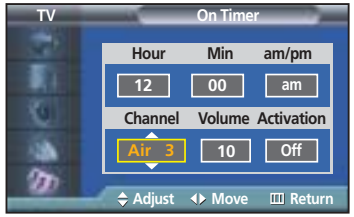
4 Press the ▶ button to select "Min.", then press the ▲ or ▼ button to select correct minute.



5 Press the ▶ button to select "am/pm", then press the ▲ or ▼ button to select the proper time of day (am or pm).

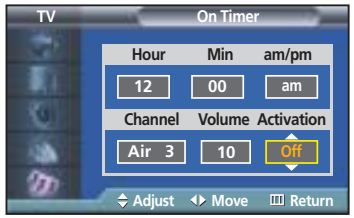


6 Press the ▶ button to select "Channel", then press the ▲ or ▼ button to select the channel you want when PDP turns on.



7 Press the ▶ button to select "Volume", then press the ▲ or ▼ button to select the volume level you want when PDP turns on.

8 Press the ▶ button to select "Activation", then press the ▲ or ▼ button to select "On" or "Off".



9 If you want to set Off Time, press the ▲ or ▼ button to select "Off Time". Set the "Off Time" just as you set "On Time".

10 Press the MENU button to exit.

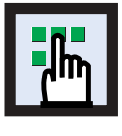
Note

- If you set an On or Off Time, the Power Indicator on the Front Panel changes to Green.

SAMSUNG

PLASMA DISPLAY PANEL

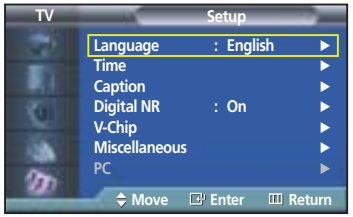
Function Description



Selecting a Menu Language 90
Digital Noise Reduction 91
Selecting the Film Mode 92
Setting the Melody Sound 93
Setting the Blue Screen.....94
Viewing Closed Captions 95
Using the V-Chip 96

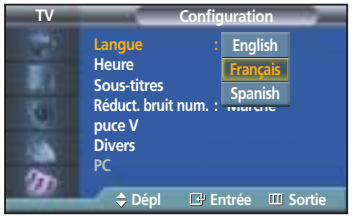
Selecting a Menu Language

1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



2 Press the ENTER button to select "Language".

3 Press the ▲ or ▼ button to select the appropriate language: "English", "Français" or "Español".

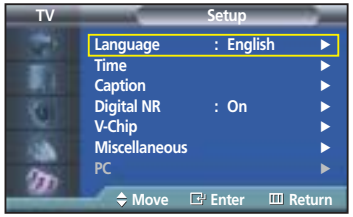


4 Press the MENU button to exit.

Digital Noise Reduction

If the broadcast signal received by your TV is weak, you can activate the Digital Noise Reduction feature to help reduce any static and ghosting that may appear on the screen.

1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



2 Press the ▲ or ▼ button to select "Digital NR", then press the ENTER button.

3 Press the ▲ or ▼ button to select "On" or "Off", then press the ENTER button.

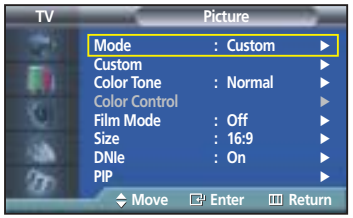
4 Press the MENU button to exit.

Selecting the Film Mode

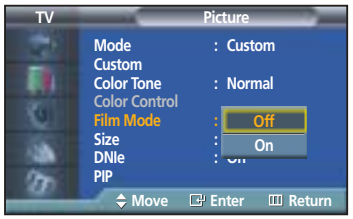
On: Automatically senses and processes film signals from all sources and adjusts the picture for optimum quality.

Off: Switches off the Film mode.

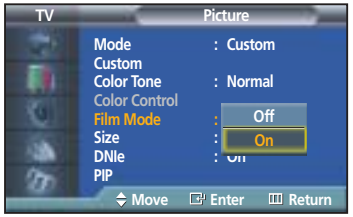
1 Press the MENU button. Press the ▲ or ▼ button to select "Picture", then press the ENTER button.



2 Press the ▲ or ▼ button to select "Film Mode", then press the ENTER button.



3 Press the ▲ or ▼ button to select "On" or "Off", then press the ENTER button.



4 Press the MENU button to exit.

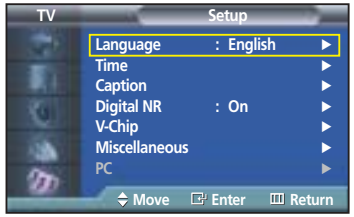
Note

- Film mode is supported in Video, S-Vide and Component 480i.

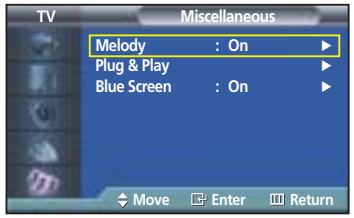
Setting the Melody Sound

You can hear clear melody sound when the television is powered on or off.

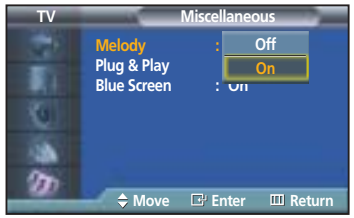
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



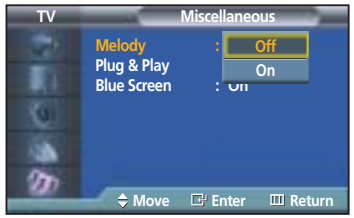
2 Press the ▲ or ▼ button to select "Miscellaneous", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Melody", press the ENTER button.



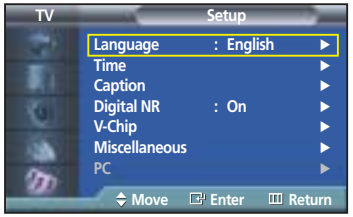
4 Press the ▲ or ▼ button to change the setting. (On or Off).



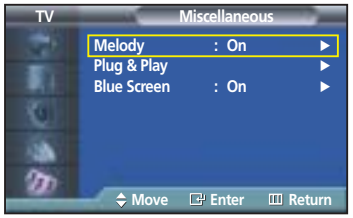
Setting the Blue Screen

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" mode to "Off".

1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



2 Press the ▲ or ▼ button to select "Miscellaneous", then press the ENTER button.



3 Press the ▲ or ▼ button to select "Blue Screen", Press the ENTER button.

4 Press the ▲ or ▼ button to change the setting. (On or Off).

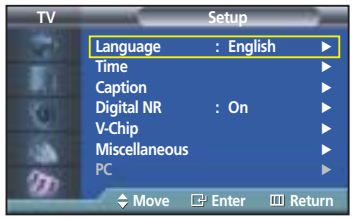
➤ Blue Screen is displayed while no signal from the external device in the External Mode, regardless of the Blue Screen Setting.

Viewing Closed Captions

Your TV decodes and displays the closed captions that are broadcast with certain TV shows. These captions are usually subtitles for the hearing impaired or foreign language translations. All VCRs record the closed caption signal from television programs, so home-recorded video tapes also provide closed captions. Most prerecorded commercial video tapes provide closed captions as well. Check for the closed caption symbol in your television schedule and on the tape's packaging: CC .

Note: The Caption feature does not work with DVD or DTV signals.

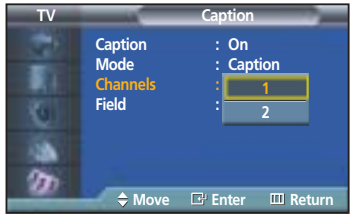
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button. Press the ▲ or ▼ button to select "Caption", then press the ENTER button.



2 Press the ENTER button to select "Caption". Press the ▲ or ▼ button to turn closed caption on/off, then press the ENTER button.

3 Press the ▲ or ▼ button to select "Mode", then press the ENTER button. Press the ▲ or ▼ button to select "Text" or "Caption", then press the ENTER button.

4 Depending on the particular broadcast, it might be necessary to make changes to "Channels" and "Field": Press the ▲ / ▼/ ◄ / ► button to make the changes. (Follow the same procedure as in steps 3 above.)



5 Press the MENU button to exit.

Note

- Different channels and fields display different information: Field 2 carries additional information that supplements the information in Field 1. (For example, Channel 1 may have subtitles in English, while Channel 2 has subtitles in Spanish.)

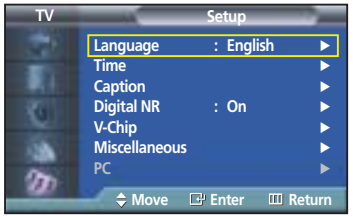
Using the V-Chip

The V-Chip feature automatically locks out programs that are deemed inappropriate for children. The user must enter a PIN (personal ID number) before any of the V-Chip restrictions are set up or changed.

Note: When the V-chip feature is activated, the PIP and auto channel program features do not function.

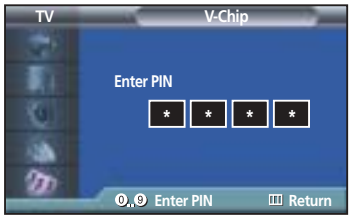
Setting Up Your Personal ID Number (PIN)

1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.

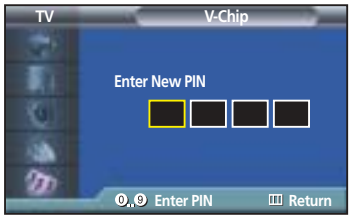


2 Press the ▲ or ▼ button to select "V-Chip", then press the ENTER button.
The message "Enter PIN" will appear. Enter your 4-digit PIN number.

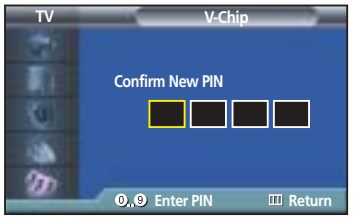
Note: The default PIN number of a new TV set is "0-0-0-0".



3 The "V-Chip" screen will appear. Press the ▲ or ▼ button to select "Change Pin", then press the ENTER button.



4 The Change pin screen will appear. Choose any 4-digits for your PIN and enter them.
As soon as the 4 digits are entered, the "Confirm New Pin" screen appears. Re-enter the same 4 digits. When the Confirm screen disappears, your PIN has been memorized.



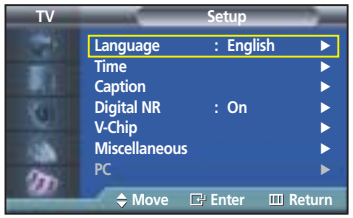
5 Press the MENU button to exit.

Note

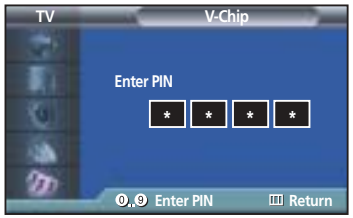
- If you forget the PIN, press the remote-control buttons in the following sequence, which resets the pin to 0-0-0-0 : Power Off. → Mute → 8 → 2 → 4 → Power On.

How to Enable/Disable the V-Chip

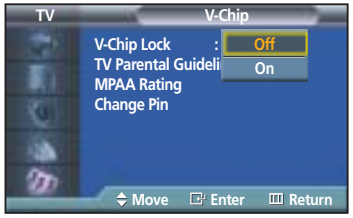
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



2 Press the ▲ or ▼ button to select "V-Chip", then press the ENTER button.
The message "Enter Pin" will appear. Enter your 4-digit PIN number.



3 The "V-Chip" screen will appear. To enable the V-Chip feature, press the ENTER button so that the "V-Chip Lock" field is "On". (Pressing the ▲ or ▼ button will alternate between "On" and "Off".)

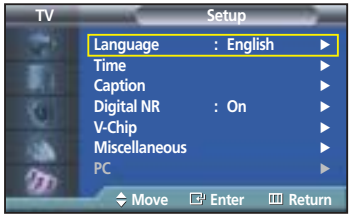


4 Press the MENU button to exit.

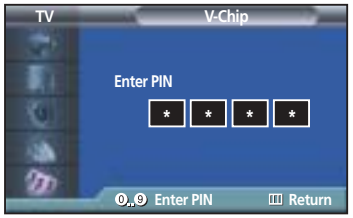
How to Set up Restrictions using the "TV guidelines"

First, set up a personal identification number (PIN), and enable the V-Chip. (See previous section.)
Parental restrictions can be set up using either of two methods: The TV guidelines or the MPAA rating.

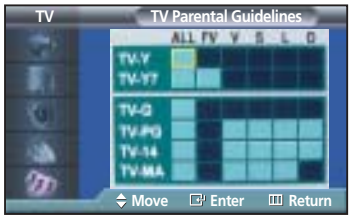
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



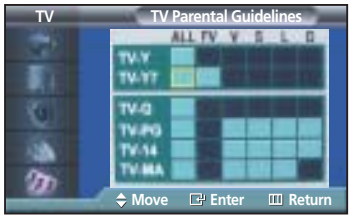
2 Press the ▲ or ▼ button to select "V-Chip", then press the ENTER button.
The message "Enter PIN" will appear. Enter your 4-digit PIN number.



3 The "V-Chip" screen will appear. Press the ▲ or ▼ button to select "TV Parental Guidelines", then press the ENTER button.



4 The "TV Parental Guidelines" screen will appear. Press the ▲ or ▼ button to select one of the six ages based cate gories:



TV-Y	Young children
TV-Y7	Children 7 and over
TV-G	General audience
TV-PG	Parental guidance
TV-14	Viewers 14 and over
TV-MA	Mature audience

6 At this point, one of the TV-Ratings is selected.
Press the ► button: Depending on your existing setup, a letter "U" or "B" will be selected. (U= Unblocked, B= Blocked)

While the "U" or "B" is selected, press the ▲ or ▼ button to block or unblock the category. Press the ► button to save the TV guidelines. A TV-Rating will be selected, and no letters will be selected.
To select a different TV-Rating, press the ▲ or ▼ button and then repeat the process.

Note 1: The TV-Y7, TV-PG, TV-14 and TV-MA have additional options. See the next step to change any of the following sub-ratings:

FV: Fantasy violence
D: Sexually Suggestive Dialog
L: Adult Language
S: Sexual situation
V: Violence

Note 2: The V-Chip will automatically block certain categories that are "more restrictive". For example, if you block "TV-Y" category, then TV-Y7 will automatically be blocked. Similarly, if you block the TV-G category, then all the categories in the "young adult" group will be blocked (TV-G, TV-PG, TV-14 and TV-MA). The sub-ratings (D, L, S, V) work together similarly. (See next section.)

7 How to set the FV, D, L, S and V sub-ratings.
First, select one of these TV-Ratings: TV-Y7, TV-PG, TV-14 or TV-MA (See Step 4, on previous page).
Next, while the TV-Rating is selected, repeatedly press the ► button.
This will cycle through the available sub-ratings (FV, L, S, D or V).
A letter ("U" or "B") will be displayed for each sub-rating. While the "U" or "B" is selected, press the ▲ or ▼ button to change the sub-rating.
Press the ► button to save the TV guidelines. A TV-Rating will be selected and no letters will be selected. To select a different TV-Rating, press the UP or DOWN button and then repeat the process.
Note: The V-chip will automatically block certain categories that are "More restrictive".
For example, if you block "L" sub-rating in TV-PG, then the "L" sub-ratings in TV-14 and TV-MA will automatically be blocked.

8 Press the MENU button to clear all the screens. (Or proceed to the next section, and set up additional restrictions based on the MPAA codes).

Note

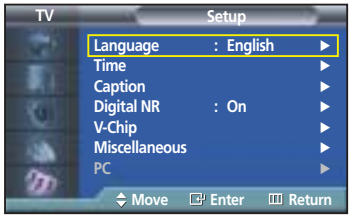
- These categories consist of two separate groups: TV-Y and TV-Y7 (young children through age 7), and TV-G through TV-MA (everybody else).

  The restrictions for these two groups work independently: If a household includes very young children as well as young adults, the TV guidelines must be set up separately for each age group. (See next step.)

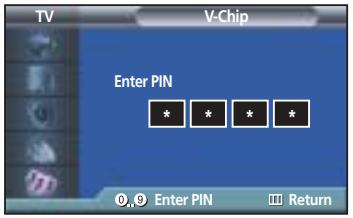
How to Set up Restrictions using the MPAA Ratings: G, PG, PG-13, R, NC-17, X

The MPAA rating system uses the Motion Picture Association of America (MPAA) system, and its main application is for movies. When the V-Chip lock is on, the TV will automatically block any programs that are coded with objectionable ratings (either MPAA or TV-Ratings).

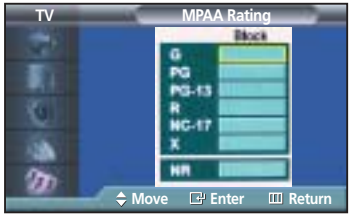
1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.



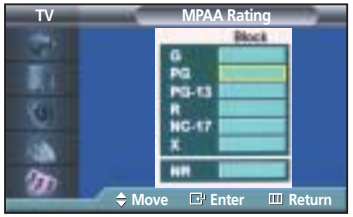
2 Press the ▲ or ▼ button to select "V-Chip", then press the ENTER button.
The message "Enter Pin" will appear. Enter your 4-digit PIN number.



3 The "V-Chip" screen will appear. Press the ▲ or ▼ button to select "MPAA Rating", then press the ENTER button.



4 The "MPAA Rating" screen will appear.
Repeatedly press the ▲ or ▼ button to select a particular MPAA category.
Pressing the ▲ or ▼ button will cycle through the MPAA categories:



G	General audience (no restrictions).
PG	Parental guidance suggested.
PG-13	PG-13 (Parents strongly cautioned).
R	R (Restricted. Children under 17 should be accompanied by an adult).
NC-17	No children under age 17.
X	X (Adults only).
NR	Not rated.

While a particular category is selected, press the ► button to activate it.
A selected letter ("U" or "B") will be displayed. Press the ▲ or ▼ button to select "U" or "B".
Press the ► button to save the settings.
Note: The V-Chip will automatically block any category that is "more restrictive". For example, if you block the "PG-13" category, then "R", "NC-17" and "X" will automatically be blocked also.

How to Reset the TV after the V-Chip Blocks a Channel ("Emergency Escape")

If the TV is tuned to a restricted channel, the V-Chip will block it. The screen will go blank and the following message will appear: "Excessive rating".

To resume normal viewing, tune to a different channel using the number buttons.
Under certain conditions (depending on the rating of the local TV programs) the V-Chip might lock out all the channels. In this case, use the V-Chip function for an "emergency escape":

1 Press the MENU button. Press the ▲ or ▼ button to select "Setup", then press the ENTER button.

2 Press the ▲ or ▼ button to select "V-Chip", then press the ENTER button.

3 Enter your PIN number, and press the ► button to temporarily disable the V-Chip Lock.

SAMSUNG

PLASMA DISPLAY PANEL

Appendix

Troubleshooting.....104
Care and Maintenance 105
Specifications 106

Troubleshooting

Before you call a service technician, please scan this list of problems and possible solutions. It may save you time and money.

Problem	Possible Solution
Poor picture.	Check all wire connections.
Your Remote control does not operate the PDP.	Press the "MODE" button to put your remote control in the "TV" mode.
The PDP won't turn on.	Check if the power plug is connected.
There is no screen image.	Check to see that both the PDP and the source are plugged in and turned on.
The image is too light or too dark.	Adjust the Brightness or Contrast settings.
The image is too large or too small.	Adjust the Size settings.

Care and Maintenance

With proper care, your PDP will give you many years of service. Please follow these guidelines to get the maximum performance from your PDP.

Identifying Problems

- Do not put the PDP near extremely hot, cold, humid or dusty places.
- Do not put the PDP near appliances that create magnetic fields.
- Keep the ventilation openings clear.
- Do not place the PDP on a rough and slanted surface, such as cloth or paper.

Liquids

- Do not place liquids near or on the PDP.

Cabinet

- Never open the cabinet or touch the parts inside.
- Wipe your PDP with a clean, dry cloth. Never use water, cleaning fluids, wax, or chemicals.
- Do not put heavy objects on top of the cabinet.

Temperature

- If your PDP is suddenly moved from a cold to a warm place, unplug the power cord for at least two hours so that moisture that may have formed inside the unit can dry completely.

Specifications

Exterior design and product specifications are subject to change without prior notice to improve the performance of this product.

This PDP applies to Class B digital device.
(Note: Class B system is for home use.)
This PDP has been registered for residential use in terms of EMI. So it can be used in all areas as well as residential areas.

Type No		MZ42S4
Model		SPP4251
Dimensions	Display	1050 (W) X 86 (D) X 755 (H) mm
	Remote Control	59 (W) X 22 (D) X 209 (H) mm
Weight	Display	36kg
	Remote Control	164g (including batteries)
Voltage		120V~, 60Hz
Power Consumption		330 W
Number of Pixels		1024(H) x 768(V)
Screen Size		107 Cm/42 inches
ANTENNA input		VHF, UHF (75Ω unbalanced)
VIDEO input		AV1 AV2 AV3(SIDE) S-VIDEO 1 S-VIDEO 2 (SIDE) COMPONENT 1 - 480i / 480p / 720p / 1080i COMPONENT 2 - 480i / 480p / 720p / 1080i RGB : PC DSUB 15P DVI
AUDIO input		AV1 AV2/ S-VIDEO 1 AV3(SIDE) / S-VIDEO 2 COMPONENT 1 - 480i / 480p / 720p / 1080i COMPONENT 2 - 480i / 480p / 720p / 1080i PC DVI
AUDIO output		15W+15W (8 Ω) - Internal Speaker

Memo

Memo

Memo