SAMSUNG

LT-P266W

TFT-LCD TELEVISION

Owner's Instructions

CONTENTS

Chapter 1: Your New TV

List of Features 1
List of Parts 1
Familiarizing Yourself with Your New TV 2
Right-side Panel Buttons 2
Rear Panel Jacks 3
Remote Control 4
Installing Batteries in the Remote Control 6
If remote control doesn't work 6

Chapter 2: Installation

Connecting VHF and UHF Antennas 7
Antennas with 300-ohm Flat Twin Leads 7
Antennas with 75-ohm Round Leads 8
Separate VHF and UHF Antennas 8
Connecting Cable TV 8
Connecting to a Cable Box that Descrambles All Channels 9
Connecting to a Cable Box that Descrambles Some Channels . . 9
Connecting a VCR 11
Connecting an S-VHS VCR 12
Connecting a DVI-D Cable 12
Connecting a DVD Player 13
Connecting a Digital TV Set-Top Box 13
Connecting a PC 14

Chapter 3: Operation

Turning the TV On and Off 15
Changing Channels 15
Using the Channel Buttons 15
Using the PRE-CH Button to select the Previous Channel 15
Adjusting the Volume 15
Using Mute 15
Viewing the Display 16
Viewing the Menus 16
Setting Up Your Remote Control 17
Remote Control Codes 20

Chapter 4: Special Features

Plug & Play Feature 21
Memorizing the Channels 22
Selecting the Video Signal-source 22
Storing Channels in Memory (Automatic Method) 23
Adding and Erasing Channels (Manual Method) 24
Labeling Channels 24
To Set-up Favorite Channels 25
To Select Source 25
To Edit the Input Source Name 26
Using Automatic Picture Settings 27
Customizing the Picture 28
Using Automatic Sound Settings 29
Customizing the Sound 30
Selecting a Menu Language 31
Setting the Blue Screen Mode 32
Fine Tuning Channels 33

Viewing Picture-in-Picture 34
Activating Picture-in-Picture 34
PIP Settings 34
Selecting a Signal Source (External A/V) for PIP 35
Swapping the Contents of the PIP and Main image 35
Changing the PIP Channel 35
Changing the Position of the PIP Window 35
Changing the Size of the PIP Window 35
DNIe (Digital Natural Image engine) 36
MCC (My Color Control) 37
Easy Control 37
Detail Control 38
I2C (Intelligent Image Control) 39
IBC (Intelligent Brightness Control) 40
Changing the Screen Size. 41
Freezing the Picture 41
Adjusting the Color Tone 42
Automatic volume control 43
To select the WOW option 44
Special Sound Options 45
Selecting the Main or Sub Sound 46
Adjusting the Headphone Sound 47
Sub Woofer 48
Setting the Clock 49
Setting the On/Off Timer 50
Setting the Sleep Timer 52
Viewing Closed Captions 53
Using the V-Chip 55
Setting Up Your Personal ID Number (PIN) 55
How to Enable/Disable the V-Chip 56
How to Set up Restrictions Using
the 'TV Parental Guidelines' 57
How to Set up Restrictions Using the MPAA Ratings:
G, PG, PG-13, R, NC-17, X 59
How to Reset the TV after the V-Chip
Blocks a Channel ('Emergency Escape') 60
Color Weakness 61
Selecting the Melody 62

Chapter 5: PC Display

Using Your TV as a Computer (PC) Display 63
How to Set up Your PC Software (Windows only) 63
How to Auto Adjust 64
Adjusting the Screen Quality 65
Changing the Screen Position 66
To Initialize the Screen Position or Color Settings 67

Chapter 6: Troubleshooting

Identifying Problems 68

Appendix

Installing the Stand 70
Installing VESA compliant mounting devices(not supplied) 71
Cleaning and Maintaining Your TV 72
Using Your TV in Another Country 72
Specifications 73
Display Modes 74

Chapter One

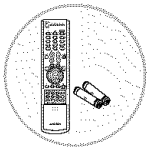
YOUR NEW TV

List of Features

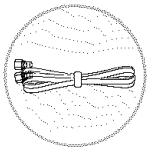
- MCC (My Color Control):
  Users can adjust colors to their preference by adjusting skin, sky and grass tones.
- I2C (Intelligent Image Control):
  Automatically detects the input visual signal and adjusts to create optimum contrast.
- IBC (Intelligent Brightness Control):
  Adjusts the screen brightness automatically depending on the brightness of the surrounding environment.
- Color Weakness :
  This feature enables those with a color weakness to view images as those with normal vision.
- JBL high performance built-in speakers:
  Enables reproduction of broadband frequency sound.

List of Parts

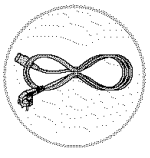
Please make sure the following items are included with your LCD TV.
If any items are missing, contact your dealer.



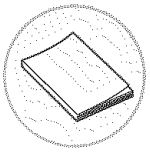
Remote Control(BN59-00409B)
& Batteries (AAA x 2)



RF Cable
(AA39-00039A)



Power Cord
(3903-000085)

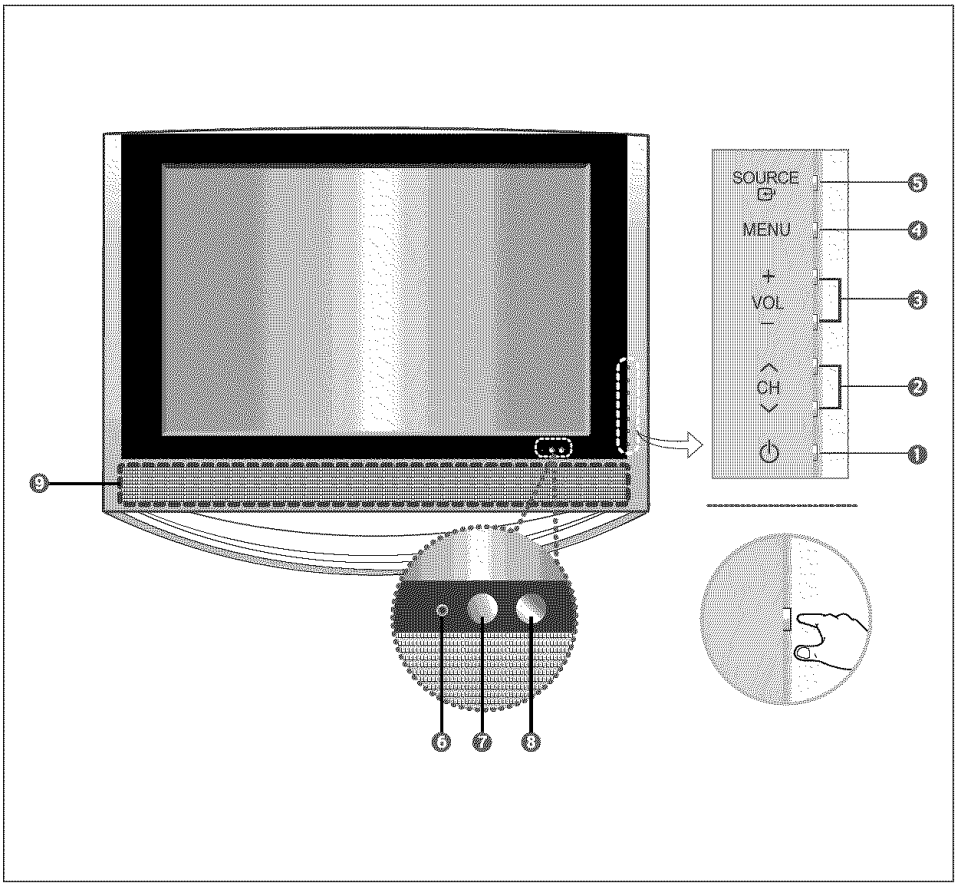


Owner's
Instructions

Familiarizing Yourself with Your New TV

Right-Side Panel Buttons

The buttons on the Right-side panel control your TV's basic features, including the on-screen menu. To use the more advanced features, you must use the remote control.



1 ⏻POWER
Press to turn the TV on and off.

2 ∧CH∨
Press to change channels.
Also press to highlight various items on the on-screen menu.

3 + VOL –
Press to increase or decrease the volume.
Also used to select items on the on-screen menu.

4 MENU
Press to see an on-screen menu of your TV's features.

5 SOURCE
Displays a menu of all of the available input sources (TV, AV, S-VIDEO, Component 1, Component 2, DVI, PC).

6 POWER INDICATOR
Lights when unit is in standby mode.
Lights green after setting on/off timer.

7 REMOTE CONTROL SENSOR
Aim the remote control towards this spot on the TV.

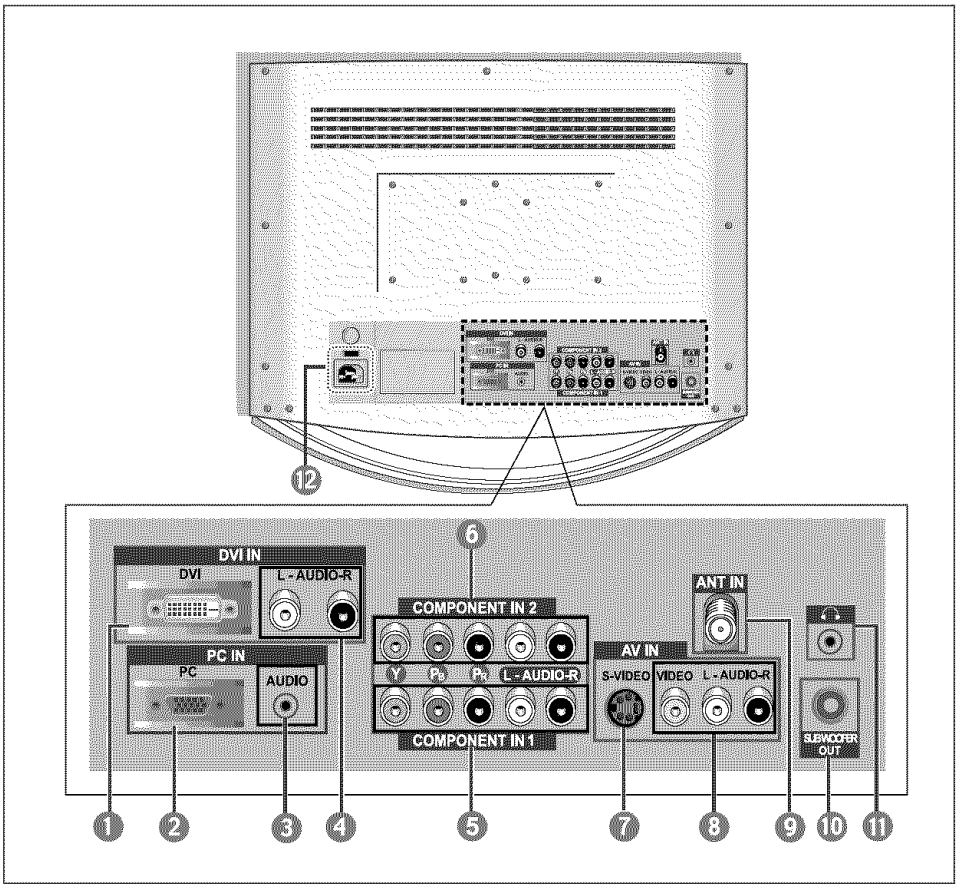
8 LIGHT DETECTING SENSOR
Adjusts brightness of screen automatically by detecting brightness of surrounding environment. This sensor works when IBC is on.

9 SPEAKER

Rear Panel Jacks

Use the rear panel jacks to connect an A/V component that will be connected continuously, such as a VCR or a DVD player.

For more information on connecting equipment, see pages 7-14.



1 DVI-D INPUT
Connect to the digital video output jack on your DVD/Set-top Box.
(DVI-D terminal does not support PC.)

2 PC VIDEO (D-SUB) INPUT
Connect to the video output port on your PC.

3 PC AUDIO (D-SUB) INPUT
Connect to the audio output jack on your PC.

4 DVI-D AUDIO INPUT
Connect to the audio output jack on your DVD/Set-top Box.

5 COMPONENT IN 1
Connect component video/audio from a DVD/VCR/Set-top Box.

6 COMPONENT IN 2
Connect component video/audio from a DVD/VCR/Set-top Box.

7 S-VIDEO
Connect an S-Video signal from a camcorder or VCR

8 VIDEO/AUDIO INPUT
Connect a Video signal from a camcorder or VCR.

9 ANT IN
Connect to an antenna or to a cable TV system.

10 SUBWOOFER OUTPUT
Connect to an active (powered) subwoofer.

11 HEADPHONE JACK
Connect a set of external headphones for private listening.

12 POWER INPUT

Remote Control

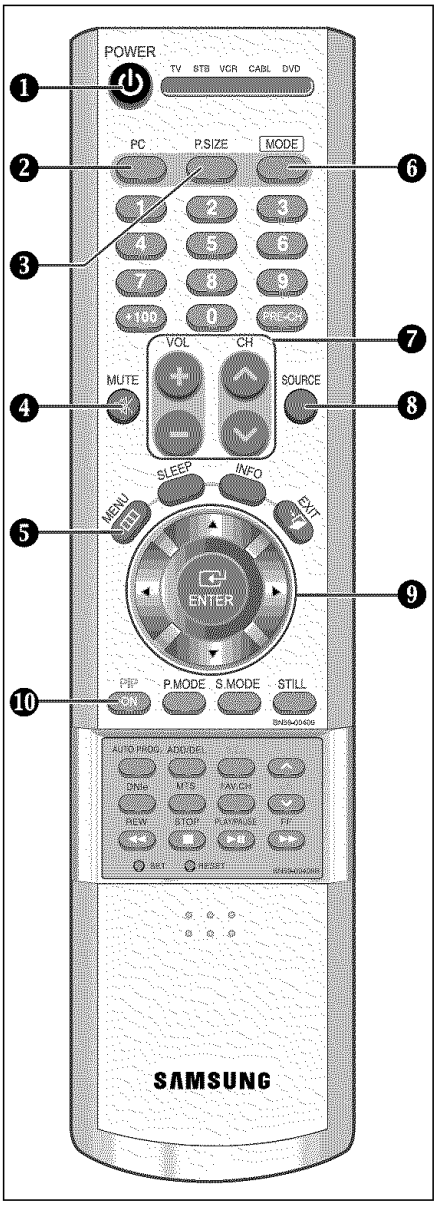
❶ POWER
Turns the TV on and off.
(See Page 15)

❷ PC MODE
Press to switch to the PC mode.
(See Page 63)

❸ P.SIZE
Press to change the screen size.
(See Page 41)

❹ MUTE
Press to temporarily cut off the sound. (See Page 15)

❺ MENU
Displays the main on-screen menu.(See Page 16)



❻ MODE
Selects a target device to be controlled by the Samsung remote control (TV, VCR, Cable, DVD, Samsung STB)
(See pages 17~19)

❼ CH∧ and CH∨ (Channel UP/Down)
Press CH∧ or CH∨ to change channels. (See Page 15)

VOL + and VOL -
Press to increase or decrease the volume.(See Page 15)

❽ SOURCE
Press to display all of the available video sources.(See Page 25)

❾ UP / DOWN / LEFT / RIGHT / ENTER
Use to select on-screen menu items and change menu values. (The remote control will only function with VCR or DVD units that are compatible with the LCD TV.)

❿ PIP FUNCTIONS
Picture-in-Picture ON/OFF
(See pages 34~35)

⓫ +100

Press to select channels over 100. For example, to select channel 121, press "+100", then press "2" and "1". (See Page 23)

⓬ SLEEP

Press to select a time for the TV to turn off automatically.(See Page 52)

⓭ P.MODE

Adjusts the TV picture by selecting one of the preset factory settings. (See Page 27)

S.MODE

Adjust the TV sound by selecting one of the preset factory settings (or select your personal, customized sound settings). (See Page 29)

STILL

Press to stop the action during a particular scene. Press again to resume normal video. (See Page 41)

⓮ AUTO PROG.

Press to automatically store selected TV/cable channels. (See Page 23)

ADD/DEL

Use to store and delete channels to/from memory. (See Page 24)

DNIe

Press to improve the digital video quality. (See Page 36)

MTS

(Multi channel Television Stereo)

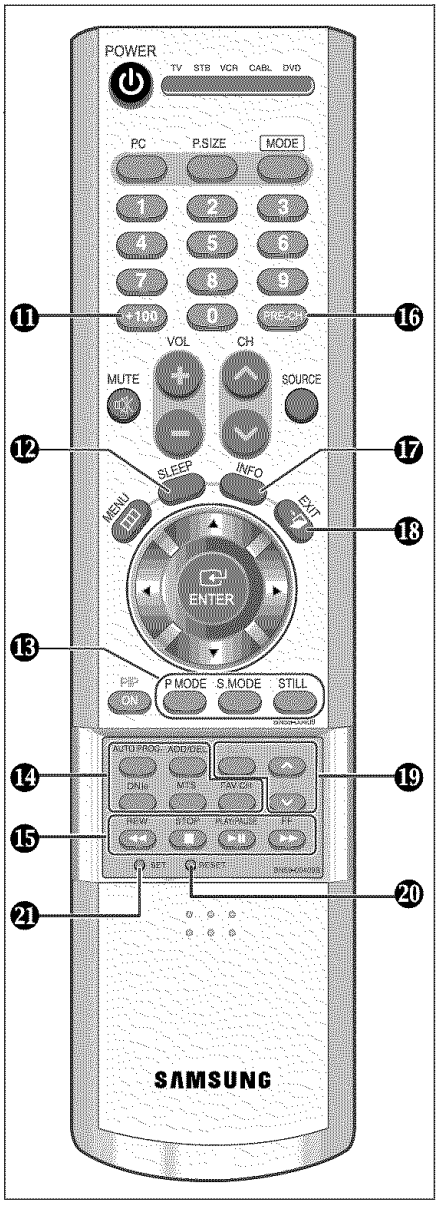
Press to choose stereo, mono or Separate Audio Program (SAP broadcast). (See Page 45)

FAV.CH

Tunes to the channels in your favorite channel list. (See Page 25)

⓯ VCR/DVD Functions

- Rewind
- Stop
- Play/Pause
- Fast/Forward



⓰ PRE-CH

Tunes to the previous channel. (See Page 15)

⓱ INFO

Use to see information on the current broadcast.(See Page 16)

⓲ EXIT

Press to exit the menu.

⓳ SIZE

Press to make the PIP window double, large or small. (See Page 35)

∧ CH ∨

Displays the available channels in sequence. (These buttons change channels in the PIP window only.) (See Page 35)

⓴ RESET

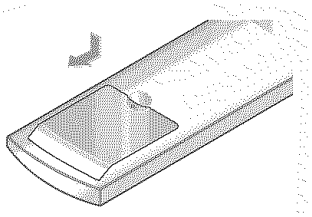
When your remote does not work, change the batteries and press the RESET button for 2-3 seconds before use.

㉑ SET BUTTON

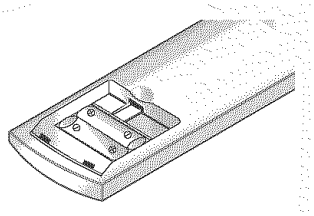
SET button on TV remote control adjusts 5 separate devices - TV, VCR, Cable, DVD, or Samsung Set-top box. (See pages 17~19)

Installing Batteries in the Remote Control

1
Slide the cover out completely.

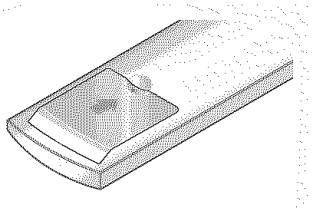


2
Install two AAA size batteries.



◀ Make sure to match the "+" and "—" ends of the batteries with the diagram inside the compartment.

3
Replace the cover.



◀ Remove the batteries and store them in a cool, dry place if you won't be using the remote control for a long time.

The remote control can be used up to about 23 feet from the TV.

(Assuming typical TV usage, the batteries last for about one year.)

If remote control doesn't work

Check the following:

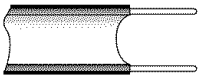
1. Is the TV power switch on?
2. Are the plus and minus ends of the batteries reversed?
3. Are the batteries drained?
4. Is there a power outage, or is the power cord unplugged?
5. Is there a special fluorescent light or a neon sign nearby?

Chapter Two

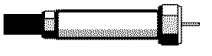
INSTALLATION

Connecting VHF and UHF Antennas

If your antenna has a set of leads that look like this, see "Antennas with 300-ohm Flat Twin Leads" below.



If your antenna has one lead that looks like this, see "Antennas with 75-ohm Round Leads" on page 8.



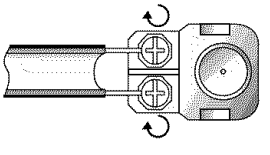
If you have two antennas, see "Separate VHF and UHF Antennas" on page 8.

Antennas with 300-ohm Flat Twin Leads

If you are using an off-air antenna (such as a roof antenna or "rabbit ears") that has 300-ohm twin flat leads, follow the directions below.

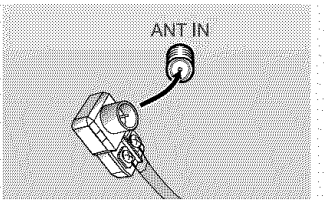
1

Place the wires from the twin leads under the screws on a 300-75 ohm adaptor (not supplied). Use a screwdriver to tighten the screws.



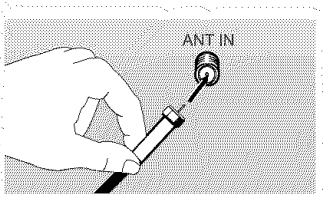
2

Plug the adaptor into the ANT IN terminal on the bottom of the back panel.



Antennas with 75-ohm Round Leads

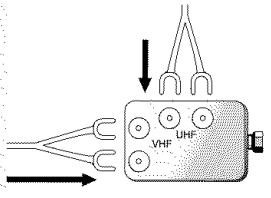
1
Plug the antenna lead into the ANT IN terminal on the bottom of the back panel.



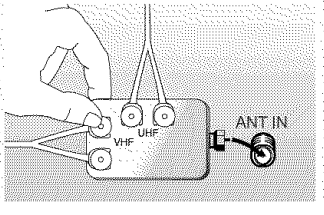
Separate VHF and UHF Antennas

If you have two separate antennas for your TV (one VHF and one UHF), you must combine the two antenna signals before connecting the antennas to the TV. This procedure requires a an optional combiner-adaptor (available at most electronics shops).

1
Connect both antenna leads to the combiner.



2
Plug the combiner into the ANT IN terminal on the bottom of the rear panel.

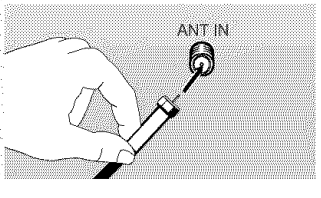


Connecting Cable TV

To connect to a cable TV system, follow the instructions below.

Cable without a Cable Box

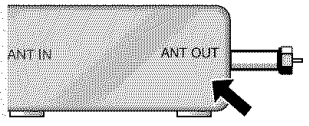
1
Plug the incoming cable into the ANT IN terminal on back of the TV.



◀ Because this TV is cable-ready, you do not need a cable box to view unscrambled cable channels.

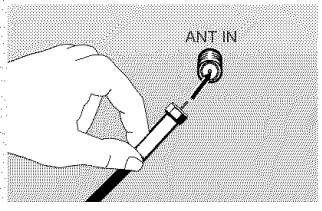
Connecting to a Cable Box that Descrambles All Channels

1
Find the cable that is connected to the ANT OUT terminal on your cable box.



◀This terminal might be labeled "ANT OUT", "VHF OUT", or simply, "OUT".

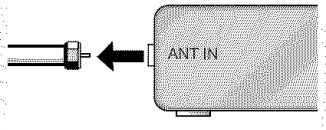
2
Connect the other end of this cable to the ANT IN terminal on the back of the TV.



Connecting to a Cable Box that Descrambles Some Channels

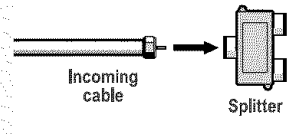
If your cable box descrambles only some channels (such as premium channels), follow the instructions below. You will need a two-way splitter, an RF (A/B) switch, and four lengths of coaxial cable. (These items are available at most electronics stores.)

1
Find and disconnect the cable that is connected to the ANTENNA IN terminal on your cable box.

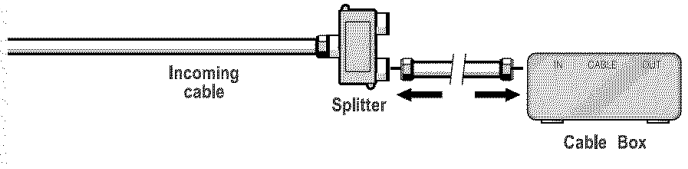


◀This terminal might be labeled "ANT IN", "VHF IN", or simply, "IN".

2
Connect this cable to a two-way splitter.

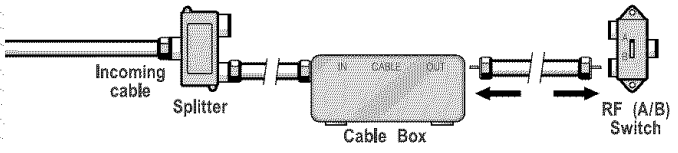


3
Connect a coaxial cable between an OUTPUT terminal on the splitter and the IN terminal on the cable box.



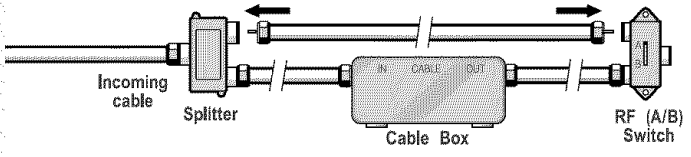
4

Connect a coaxial cable between the ANT OUT terminal on the cable box and the B–IN terminal on the A/B switch.



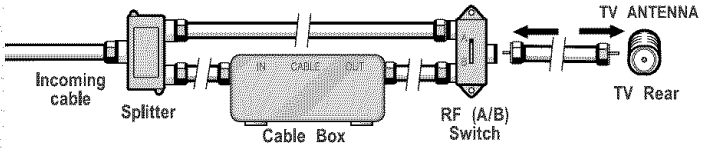
5

Connect another cable between the other OUT terminal on the splitter and the A–IN terminal on the RF (A/B) switch.



6

Connect the last coaxial cable between the OUT terminal on the RF (A/B) switch and the VHF/UHF terminal on the rear of the TV.

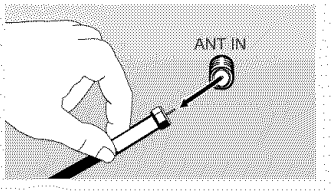


After you've made this connection, set the A/B switch to the "A" position for normal viewing. Set the A/B switch to the "B" position to view scrambled channels. (When you set the A/B switch to "B", you will need to tune your TV to the cable box's output channel, which is usually channel 3 or 4.)

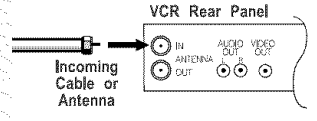
Connecting a VCR

These instructions assume that you have already connected your TV to an antenna or a cable TV system (according to the instructions on pages 7-10).
Skip step 1 if you have not yet connected to an antenna or a cable system.

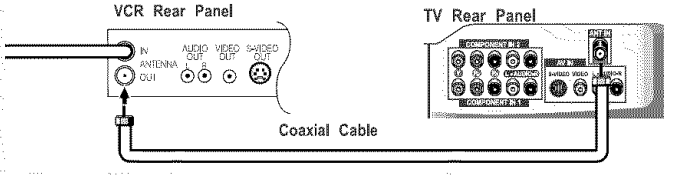
1
Unplug the cable or antenna from the back of the TV.



2
Connect the cable or antenna to the ANT IN terminal on the back of the VCR.

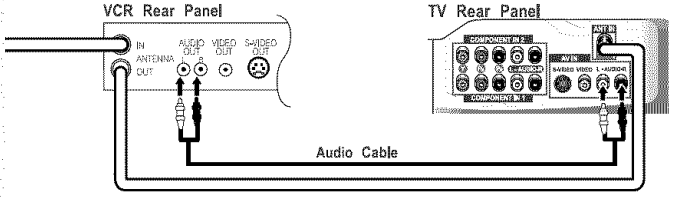


3
Connect a coaxial cable between the ANT OUT terminal on the VCR and the antenna terminal on the TV.



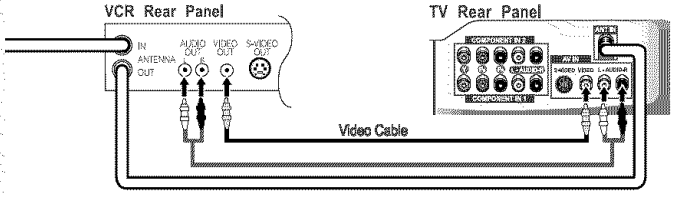
A coaxial cable is usually included with a VCR. (If not, check your local electronics store).

4
Connect a set of audio cables between the AUDIO OUT jacks on the VCR and the AUDIO jacks on the TV.



If you have a "mono" (non-stereo) VCR, use the Y-connector (not supplied) to hook up to the left and right audio input jacks of the TV. If your VCR is stereo, you must connect two cables.

5
Connect a video cable between the VIDEO OUT jack on the VCR and the VIDEO jack on the TV.



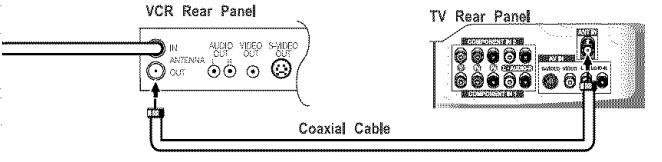
Follow the instructions in "Viewing a VCR or Camcorder Tape" to view your VCR tape.

* Each external input source device has a different back panel configuration.

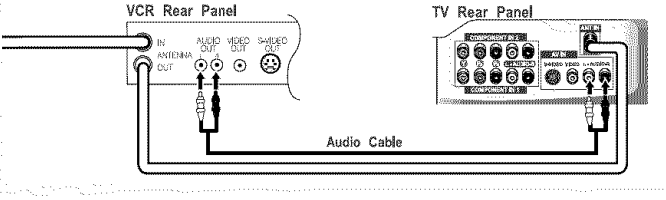
Connecting an S-VHS VCR

Your Samsung TV can be connected to an S-Video signal from an S-VHS VCR. (This connection delivers a better picture as compared to a standard VHS VCR.)

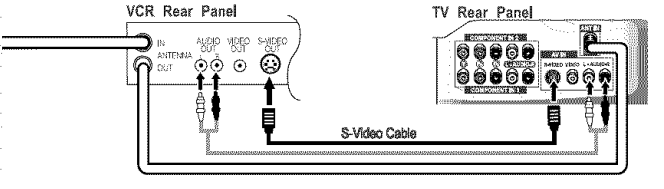
1 To begin, follow steps 1–3 in the previous section to connect the antenna or cable to your VCR and your TV.



2 Connect a set of audio cables between the AUDIO OUT jacks on the VCR and the AUDIO INPUT jacks on the TV.



3 Connect an S-video cable between the S-VIDEO OUT jack on the VCR and the S-VIDEO INPUT jack on the TV.

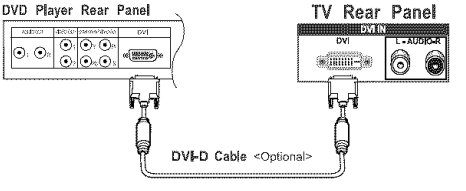


An S-video cable is usually included with an S-VHS VCR. (If not, check your local electronics store.)

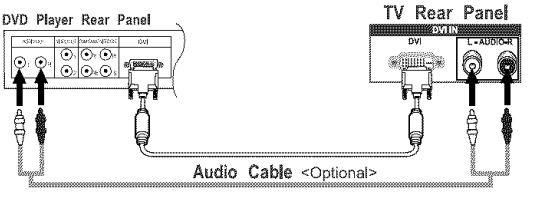
* Each external input source device has a different back panel configuration.

Connecting a DVI-D Cable

1 Connect a DVI-D cable between the DVI-I INPUT connector on the TV and the DVI connector on the DVD player/ Set-Top BOX.



2 Connect a set of audio cables between the PC AUDIO INPUT jack on the TV and the AUDIO OUTPUT jacks on the DVD player/ Set-Top BOX.



Note:If you are using a DVI-D cable to connect

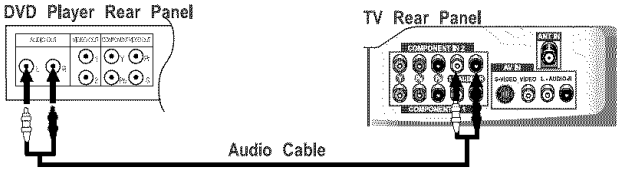
1.Be sure to connect the audio cable (sold separately)as shown above to get normal TV sound.
2.See Appendix "Display Modes "for supported resolutions.
3.The screen may have shifted to the right or to the left after connecting the cable.
The screen must be adjusted on the source(Set-top box).
4.Each external input source device has a different back panel configuration.

Connecting a DVD Player

The rear panel jacks on your TV make it easy to connect a DVD player to your TV.

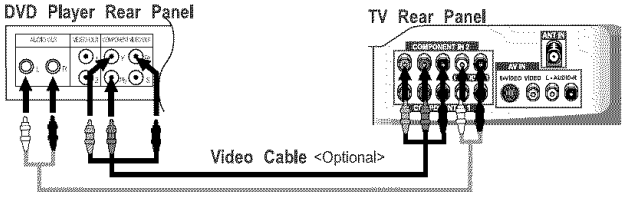
1

Connect a set of audio cables between the COMPONENT1 or COMPONENT2, L, R AUDIO INPUT jacks on the TV and the AUDIO OUT jacks on the DVD player.



2

Connect a video cable between the COMPONENT1 or COMPONENT2 (Y, P_B, P_R) jacks on the TV and the Y, P_B, P_R jacks on the DVD player.



Note: For an explanation of Component video, see your DVD player owner's manual.

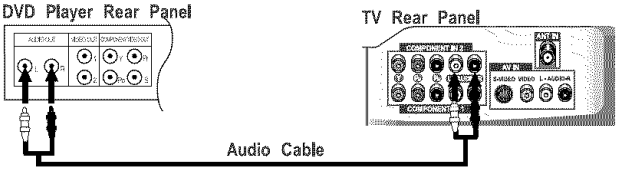
* Each external input source device has a different back panel configuration.

Connecting a Digital TV Set-Top Box

The connections for a typical set-top box are shown below.

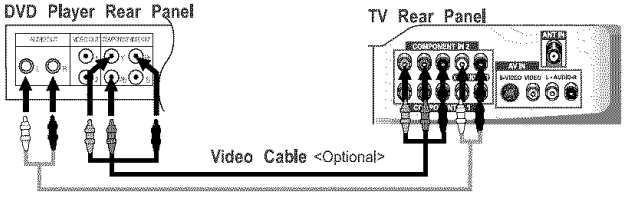
1

Connect a set of audio cables between the L, R COMPONENT1 or COMPONENT2 AUDIO INPUT jacks on the TV and the AUDIO OUT jacks on the Set-Top Box.



2

Connect a video cable between the COMPONENT1 or COMPONENT2 (Y, P_B, P_R) jacks on the TV and the Y, P_B, P_R jacks on the Set-Top Box.

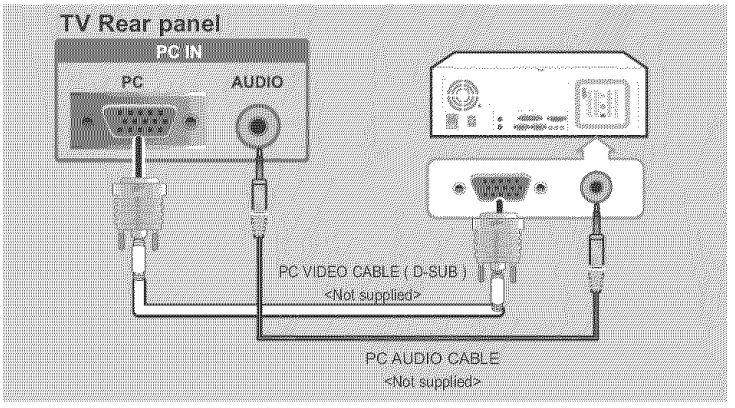


Note: For an explanation of Component video, see your Set-Top Box owner's manual.

* Each external input source device has a different back panel configuration.

Connecting a PC

- Connect the D- Sub cable to "**PC (PC IN)**" on the rear of your set.
- Connect the stereo audio cable to "**AUDIO (PC IN)**" on the rear of your set and the other end to "Audio Out" of the sound card on your computer.



Chapter Three

OPERATION

Turning the TV On and Off

Press the **POWER** button.
You can also use the Power button on the front panel.

Changing Channels

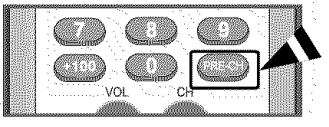
Using the Channel Buttons

1
Press the **CH** ∧ / ∨ buttons to change channels.

When you press the **CH** ∧ / ∨ buttons, the TV changes channels in sequence. You will see all the channels that the TV has memorized. (The TV must have memorized at least three channels). You will not see channels that were either erased or not memorized.

Using the PRE-CH Button to select the Previous Channel

1
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.

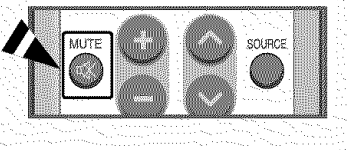
Adjusting the Volume

1
Press the **VOL +/–** buttons to increase or decrease the volume.

Using Mute

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

1
Press **MUTE** 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 +/-** buttons.

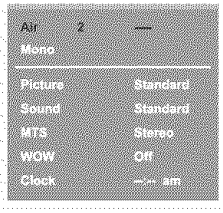
Viewing the Display

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

1

Press the **INFO** button on the remote control.

The TV will display the channel, the type of sound, and the status of certain picture and sound settings.



◀ The on-screen displays disappear after about ten seconds.

◀ Press the INFO button once more or wait approximately 10 seconds and it disappears automatically.

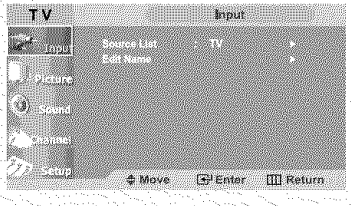
◀ Allows the user to adjust the settings according to his/her preference and shows the current settings.

Viewing the Menus

1

With the power on, press the **MENU** button.

The main menu appears on the screen. It's left side has five icons: Input, Picture, Sound, Channel, Setup.



◀ The on-screen menus disappear from the screen after about two minutes.

2

Use the **UP/DOWN** ▲▼ buttons to select one of the 5 icons. Then press **ENTER** to access the icon's sub-menu.

3

Press the **MENU** button to exit.

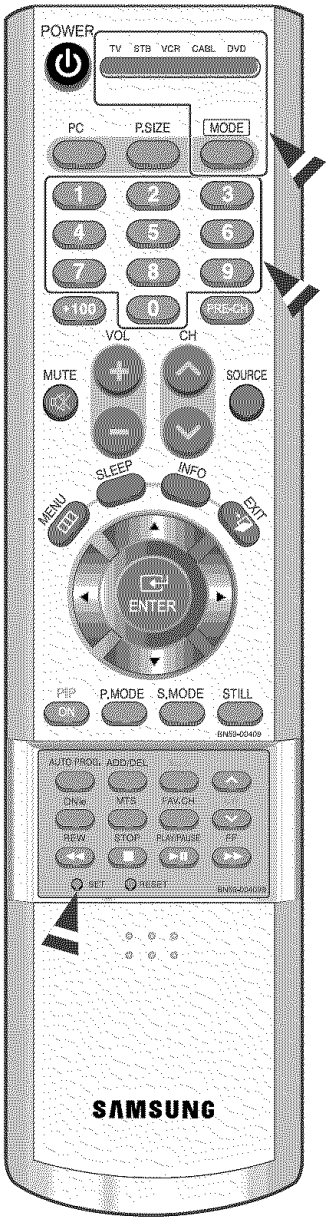
◀ You can also use the **MENU**( ), CH Up/Down, Volume Up/Down and SOURCE(ENTER) buttons on the TV to make selections.

Setting Up Your Remote Control

After it has been set up properly, your remote control can operate in five different modes: TV, VCR, Cable, DVD or Samsung Set-top box. 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 might not be compatible with all DVD Players, VCRs and Cable boxes. This remote control is only compatible with Samsung Set-top boxes.



Setting Up the Remote to Operate Your VCR

1 Turn off your VCR.

2 Press the **MODE** button and make sure that the VCR LED is illuminated.

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 code listed on page 20 of this manual for your brand of VCR. 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.)

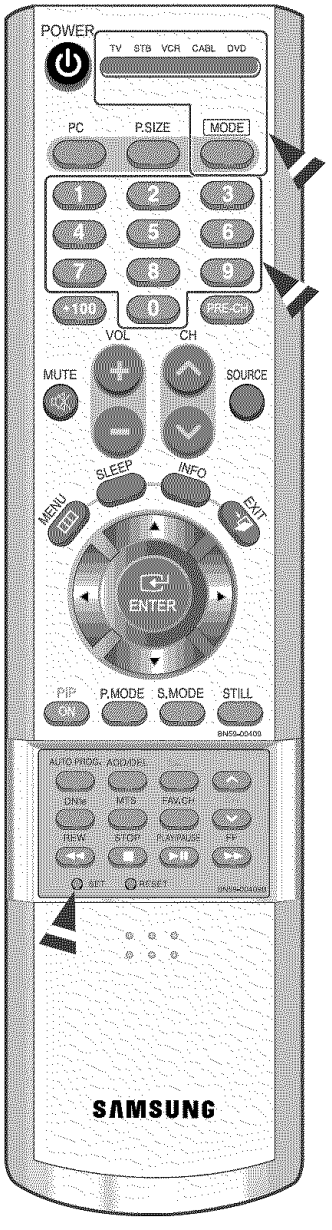
5 Press the Power button on the remote control. Your VCR should turn on if your remote is set up correctly.

If your VCR does not turn on after set up, repeat steps 2, 3, and 4, but try one of the other codes listed for your brand of VCR. If no other codes are listed, try each VCR code, 000 through 088.

Note on Using Remote Control Modes: VCR

When your remote control is in "VCR" mode, the volume buttons still control your TV's volume.

Setting Up the Remote to Operate Your Cable Box



1 Turn off your cable box.

2 Press the **MODE** button and make sure that the Cable LED is illuminated.

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 cable box code listed on page 20 of this manual for your brand of cable box. Make sure you enter three digits of the code, even if the first digit is a "0."
If there is more than one code listed, try the first one.

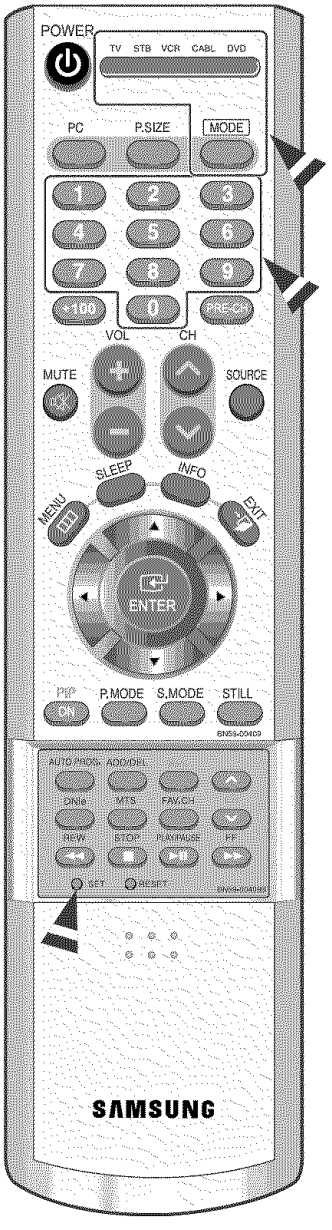
5 Press the Power button on the remote control. Your cable box should turn on if your remote is set up correctly.

If your cable box does not turn on after set up, repeat steps 2, 3, and 4, but try one of the other codes listed for your brand of cable box. If no other codes are listed, try each code, 000 through 077.

Note on Using Remote Control Modes: Cable Box

When your remote control is in "Cable Box" mode, the volume buttons still control your TV's volume.

Setting Up the Remote to Operate Your DVD



1 Turn off your DVD.

2 Press the **MODE** button and make sure that the DVD LED is illuminated.

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 DVD code listed on page 20 of this manual for your brand of DVD. Make sure you enter three digits of the code, even if the first digit is a "0."
If there is more than one code listed, try the first one.

5 Press the Power button on the remote control. Your DVD should turn on if your remote is set up correctly.

If your DVD does not turn on after set up, repeat steps 2, 3, and 4, but try one of the other codes listed for your brand of DVD. If no other codes are listed, try each code, 000 through 009.

Note on Using Remote Control Modes: DVD

When your remote control is in "DVD" mode, the volume buttons still control your TV's volume.

VCR Codes

Admiral 015,088	kenwood 011,023,025,039,055	RCA 009,014,016,017,037,044,046,063,078
Aiwa 024	KLH 082	Samsung 000,016,022,031,041,051
Audio Dynamics 022,025	LG 001,002,007	Sansui 025
Akai 026,031,032	Lloyd 024	Sanyo 011,021
Bell&Howell 011	Logik 040	Scott 022,050,058,077
Broksonic 019	LXI 024	Sears 011,014,018,021,027,028,044,052,057
Candle 016,018,022,054,055,061	Magnavox 017,038,062,065	Sharp 015,036,048,054
Canon 017,062	Marantz 011,017,023,025,038,039,055,070	Shintom 026,035,040,064
Citizen 016,018,022,054,055,061	Marta	Signature 024
Colortyme 023	MEI	Sony 026,035,047
Craig 016,021	Memorex	Sylvania 017,024,038,062,065
Curtis-Mathes 009,016,017,023,024,055,062,073,076	MGA	Symphonic 024
Daewoo 003,004,005,006,007,008,022,054,085	Midland	Tandy 011,024
DB 025,023	Minota	Tashiko
Dimensia 009	Mitsubishi	Tatung 039
Dynatech 024	Montgomery ward	Teac 024,039,078
Electrohome 036	MTC 016,024	Technics
Emerson 017,018,019,022,024,029,032,036,043, 050,051,056,058,066,071,074,076,077,079	Multitech 016,024,040,041	Temika
	NEC 011,023,025,039,055,070,073	Teknika 018,030
Fisher 011,021,027,028,052,057,067	Optimus 015	TMK 076
Funai 024	Panasonic 017,062,084,086	Toshiba 014,022,028,057,058
GE	Pentax 014,044	Toshiko 018
Go Video 016	Pentex Reserch+ 055	Totevision 016,018
Goldstar 018,023,055,069	Philco 017,038,062,065	Unitech
General Electric 009,016,017,041,062	Philips 017,038	Vector Research
Harman Kardon 023	Pioneer 014,025,042,059	Victor
Hitach 014,024,044,045	Portland 053,054,061	Video Concepts
Instant Replay 017	ProScan 009	Videosonic
JC Penny 011,014,016,017,023,025,039,044,060,062	Quartz 011	Wards
JCL 011,017,023,025,039,055	Quasar 017,053	Yamaha
JVC	Radio Shack/Realistics 011,015,017,018,021, 024,028,036,052,062	Zenith

Cable Box Codes

Anvision 015,016	Macom 045,051	SAEWOO 007
Cable star 015,016	Magnavox 015,016,027,029,034,036,037,040,041,048,049	Signature 054
DeaRyung 003	Nawoo 001	Sprucer 035
DongKuk 004	NSC 017	Starcom 054
DaeHan 005	Oak 024,046	Stargate 2000 066
Eagle 015,016	Osk Sigma 024	Sylvania 019,067
Eastrm Int.	Panasonic 011,035,047,069	TaePyungYang 002
Eastern International 020	Philips 015,016,027,029,034,036,037,040,041,048,049	Texscan 019,067
General Instrument 054	Pioneer 026,028,052	Tocom 025,029,057,058,063
GI 012,013,023,031,032, 033,038,044,075,076,077	Randtek 015,016	Unika 039,040,049
	RCA 008,035,074	Universal 059,060
Hamlin 011,012,020,021,042,056	Regal 011,020,021	Viewstar 015,016,027,029,034,036,037,040,041,048,049
Hitachi 045,051,054	Regency 010,041	Warner Amex 052
Jerrold 012,013,023,031,032,033,038,044,054,070,073	SA	Zenith 022,050,065,069
LG 006	Samsung 000,011,030,052,071,072	

DVD Codes

CurtisMathes 009	Toshiba 002
JVC 003	Panasonic 006
LG 001	Sony 004
Philips 007	Samsung 000
Proscan 008	Sharp 005
RCA 008	

Chapter Four

SPECIAL FEATURES

Plug & Play Feature

When the TV is initially powered On, two basic customer settings proceed automatically and subsequently: Setting Auto program, Clock.

1

Press the **POWER** button on the remote control.

The message "Plug & Play" is displayed.

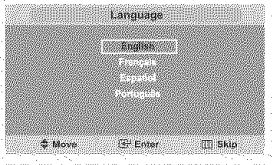
2

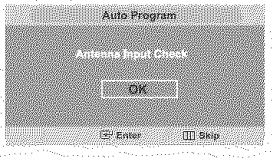
Select the appropriate Language by pressing the **UP/DOWN ▲▼** buttons.

Press the **ENTER** button to confirm your choice.

The message "Antenna Input Check," is displayed with "OK " selected.

Press the **ENTER** button.

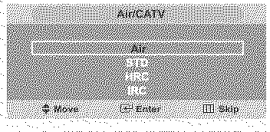


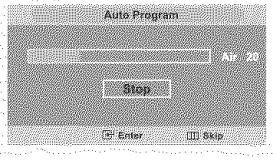


3

Press the **UP/DOWN ▲▼** buttons to select "Air", "STD", HRC", or "IRC", then press the **ENTER** button.

Press the **ENTER** button to stop.

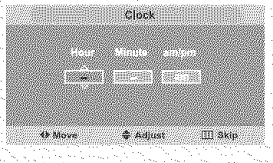




4

Press the **LEFT/RIGHT ◀▶** buttons to move to the "Hour", "Minute" or "am/pm".

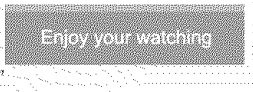
Set the hour or minute by pressing the **UP/DOWN ▲▼** buttons.(Refer to "Setting the Clock" on page 49.)



5

Press the **MENU( )** button to confirm your setting.

The message "Enjoy your watching." is displayed.



Memorizing the Channels

Your TV 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 v 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).

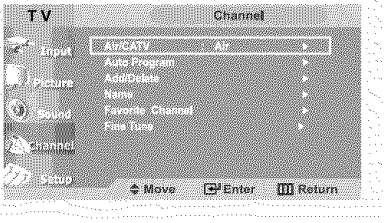
Selecting the Video Signal-source

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

1

Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Channel", then press the **ENTER** button.

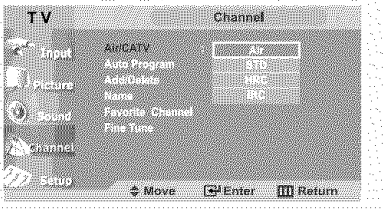


2

Press the **ENTER** button.

Repeatedly press the **UP/DOWN ▲▼** buttons to cycle through these choices: "Air", "STD", "HRC" or "IRC" (all cable TV).

Press the **EXIT** 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.

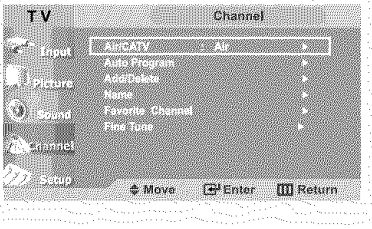
At this point the signal source has been selected.
Proceed to "Storing Channels in Memory" (next page).

Storing Channels in Memory (Automatic Method)

1

First, select the correct signal source (Air, STD, HRC, IRC).

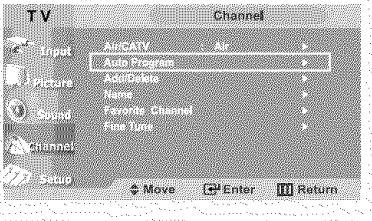
See steps 1~2 on previous page.



2

Press the **UP/DOWN ▲▼** buttons to select "Auto Program".

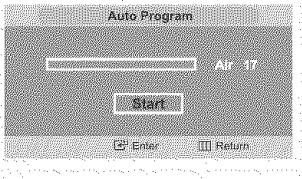
Press the **ENTER** button.



3

press the **ENTER** button to select "Start". then press the **ENTER** button.

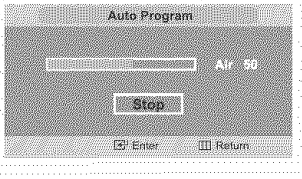
The TV will begin memorizing all of the available channels.



4

After all the available channels are stored, the Auto program menu reappears.

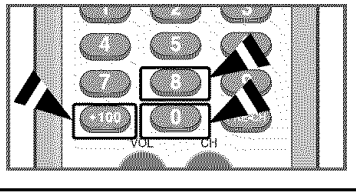
Press the **EXIT** button to exit.



◀The TV automatically cycles through all of the available channels and stores them in memory. This takes about one to two minutes. Press **ENTER** at any time to interrupt the memorization process and return to the Channel menu.

To select channels over 100

Ex) Press -100 → 0 → 8 to select channel 108.



Adding and Erasing Channels (Manual Method)

1

Use the number buttons to directly select the channel to Add or Delete.

Press the **MENU** button to display the menu.

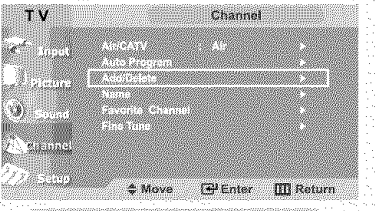
Press the **UP/DOWN** ▲▼ buttons to select "Channel", then press the **ENTER** button.

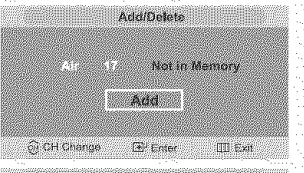
Press the **UP/DOWN** ▲▼ buttons to select "Add/Delete".

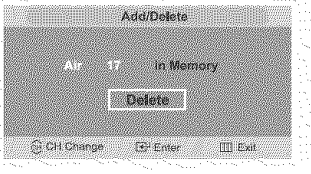
Press the **ENTER** button.

Press the **ENTER** to select "Add" or "Delete" (pressing **ENTER** toggles between the two).

Press the **EXIT** button to exit.

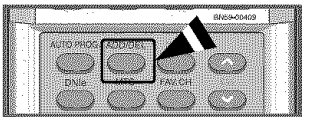






Alternate method:

Use the number buttons to directly select the channel that will be added or erased. Press the "ADD/DEL" button.



Repeatedly pressing **ENTER** will alternate between "Add"and"Delete".

Press the **EXIT** button to exit.

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

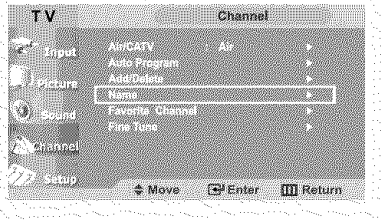
Labeling Channels

1

Press the **MENU** button to display the menu.

Press the **UP/DOWN** ▲▼ buttons to select "Channel", then press the **ENTER** button.

Press the **UP/DOWN** ▲▼ buttons to select "Name", then press the **ENTER** button.



2

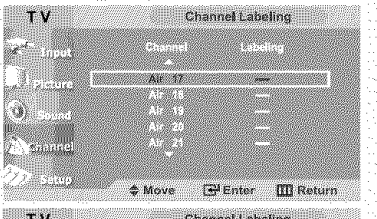
Press the **UP/DOWN** ▲▼ buttons to select a channel.

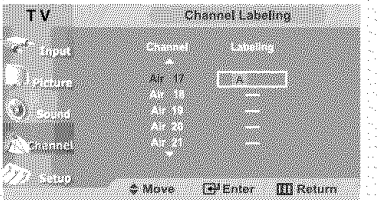
You can assign a name to a channel.

Press the **RIGHT** ▶ button to move to "Labeling" and use the **UP/DOWN** ▲▼ buttons to assign a name.

Repeat this procedure to enter up to four characters.

Press the **EXIT** button to exit.





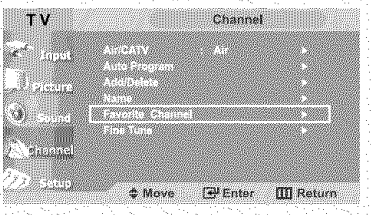
To Set-up Favorite Channels

1

Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Channel", then press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to select "Favorite Channel", then press the **ENTER** button.

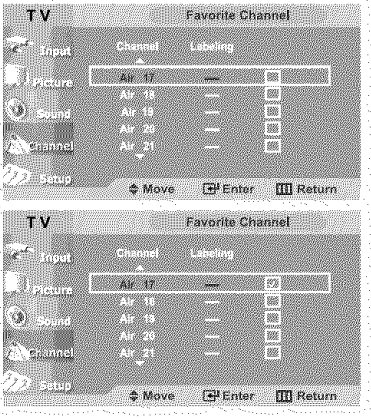


2

Press the **UP/DOWN ▲▼** buttons to select your favorite channels to watch among the labeled channels.

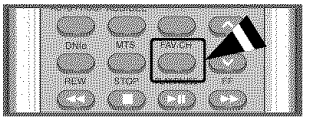
Press the **ENTER** button to add a check mark to set the channel as a favorite channel.

Press the **EXIT** button when done to exit.



3

To select the Favorite channels, you have set-up, press the FAV.CH button on the remote



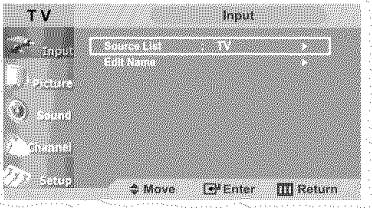
To Select Source

Use to select TV or other external input source connected to the TV.
Use to select the input source of your choice.

1

Press the **MENU** button to display the on-screen menu.

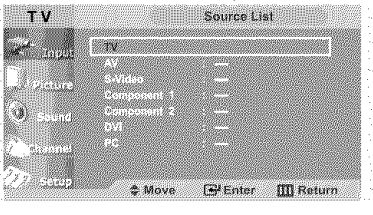
Press the **ENTER** button.



2

Press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to select the Input source, then press the **ENTER** button.



To Edit the Input Source Name

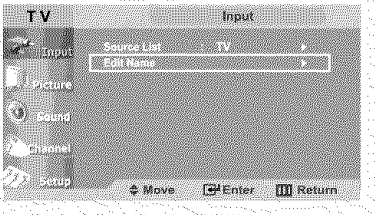
Name the input device connected to the input jacks to make your input source selection easier.

1

Press the **MENU** button to display the on-screen menu.

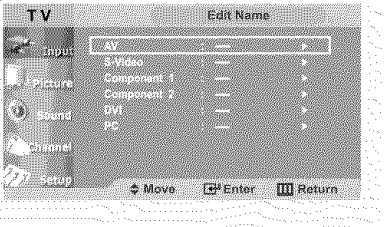
Press the **ENTER** button to select "Input".

Press the **UP/DOWN** ▲▼ buttons to select "Edit Name", then press the **ENTER** button.



2

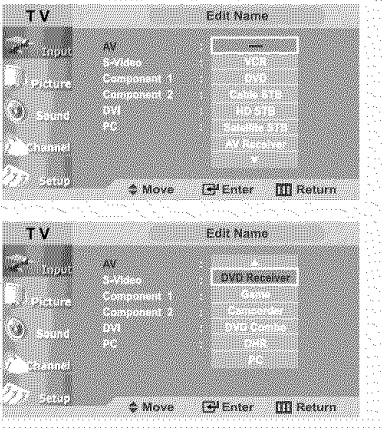
Press the **UP/DOWN** ▲▼ buttons to select "AV", "S-Video", "Component1", "Component2", "DVI", or "PC" input jack, then press the **ENTER** button.



3

Press the **UP/DOWN** ▲▼ buttons to select "VCR", "DVD","Cable STB", "HD STB","Satellite STB", "AV Receiver","DVD Receiver", "Game", "Camcorder", "DVD Combo", "DHR(DVD HDD Recoder)", or "PC" input source, then press the **ENTER** button.

Press the **EXIT** button to exit.



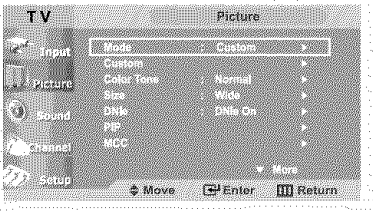
Using Automatic Picture Settings

Your TV has four automatic picture settings ("Dynamic", "Standard", "Movie", and "Custom") that are preset at the factory. You can activate either Dynamic, Standard, Movie, or Custom by pressing P.MODE (or by making a selection from the menu). Or, you can select "Custom" which automatically recalls your personalized picture settings.

1

Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Picture", then press the **ENTER** button.



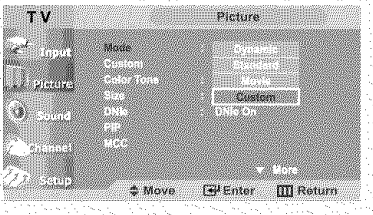
2

Press the **ENTER** button.

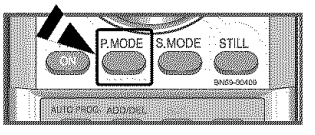
Press the **UP/DOWN ▲▼** buttons to select the "Dynamic", "Standard", "Movie", or "Custom" picture setting.

Press **ENTER** button.

Press the **EXIT** button to exit.



Alternate method:
Simply press the **P.MODE** button on the remote control to select one of the standard picture settings.



- Choose Dynamic to increase the clarity and sharpness of the picture.
- Choose Standard for the standard factory settings.
- Choose Movie when viewing the Movie.
- Choose Custom if you want to adjust the settings according to personal preference (see "Customizing the Picture, page 28).

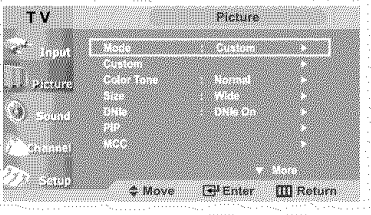
Customizing the Picture

You can use the on-screen menus to change the contrast, brightness, sharpness, color and tint according to personal preference.
(Alternatively, you can use one of the "automatic" settings. See the previous page.)

1

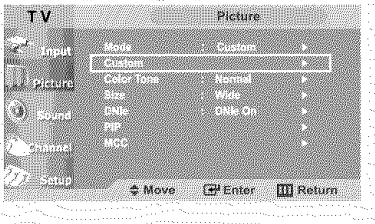
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Picture", then press the **ENTER** button.



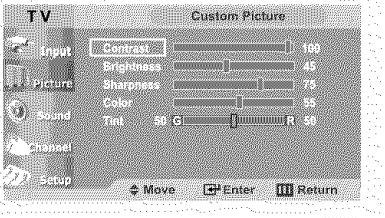
2

Press the **UP/DOWN ▲▼** buttons to select "Custom", then press the **ENTER** button.



3

Press the **ENTER** button to select "Contrast", "Brightness", "Sharpness", "Color", or "Tint".

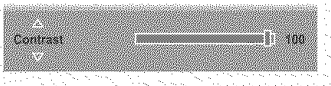


4

Press the **LEFT/RIGHT ◀▶** buttons to decrease or increase the value of a particular item.

For example, if you select "Contrast", pressing **RIGHT ▶** increases it.

Press the **EXIT** button to exit.



Using Automatic Sound Settings

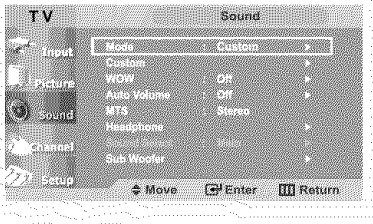
Your TV has five automatic sound settings ("Standard", "Music", "Movie" "Speech" and "Custom") that are preset at the factory. You can activate any of them by pressing the S.MODE button (or by making a selection from the on-screen menu). Or, you can select "Custom Sound", which automatically recalls your personalized sound settings.

1

Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Sound", then press the **ENTER** button.

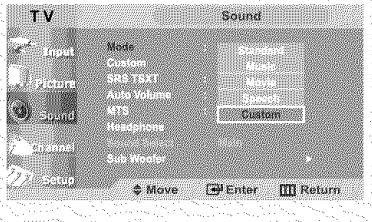
Press the **ENTER** button.



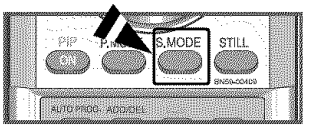
2

Press the **UP/DOWN ▲▼** buttons repeatedly to select the "Standard", "Music", "Movie", "Speech", or "Custom" sound settings.

Press the **EXIT** button to exit.



Alternate method:
Simply press the the **S.MODE** button on the remote control to select one of the standard sound settings.



- Choose *Standard* for the standard factory settings.
- Choose *Music* when watching music videos or concerts.
- Choose *Movie* when watching movies.
- Choose *Speech* when watching a show that is mostly dialog (i.e., news).
- Choose *Custom* to recall your personalized settings.

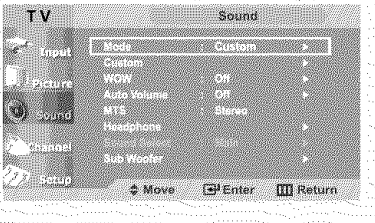
Customizing the Sound

The sound settings can be adjusted to suit your personal preference.
(Alternatively, you can use one of the "automatic" settings. See the previous page.)

1

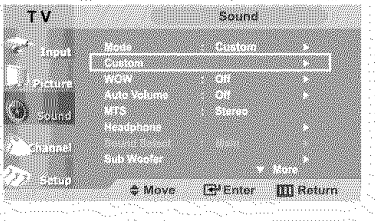
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Sound", then press the **ENTER** button.



2

Press the **UP/DOWN ▲▼** buttons to select "Custom", then press the **ENTER** button.

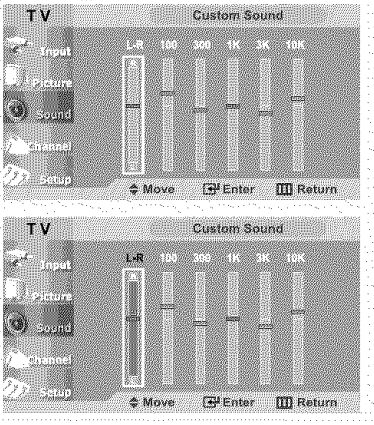


3

Press the **LEFT/RIGHT ◀▶** buttons to select a particular item to be changed.

Press the **UP/DOWN ▲▼** buttons to increase or decrease the value of a particular item.

Press the **EXIT** button to exit.



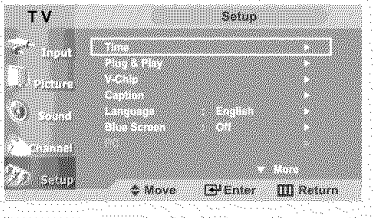
Note :The equalizer allows you to adjust frequencies to your preference.
The lowest frequency is 100 and 10K is the highest.

Selecting a Menu Language

1

Press the **MENU** button to display the menu.

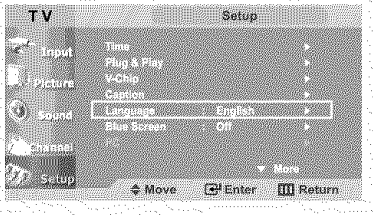
Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.



2

Press the **UP/DOWN ▲▼** buttons to select "Language".

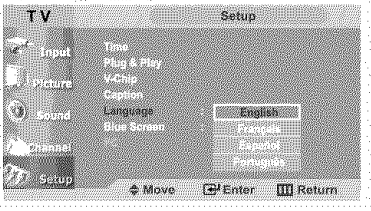
Press the **ENTER** button.



3

Press the **UP/DOWN ▲▼** buttons to select "English", "Français", "Español", or "Português".

Press the **EXIT** button to exit.



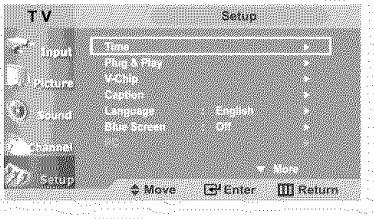
Setting the Blue Screen Mode

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

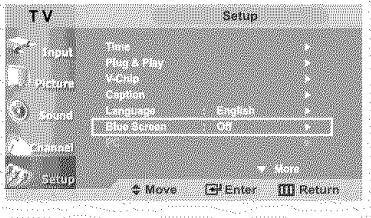
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.



2

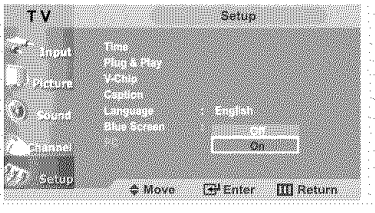
Press the **UP/DOWN ▲▼** buttons to select "Blue Screen", then press the **ENTER** button.



3

Press the **UP/DOWN ▲▼** buttons to set Blue Screen "On" or "Off".

Press the **EXIT** button to exit.



◀ Pressing the **UP/DOWN ▲▼** buttons will alternate between "On" and "Off".

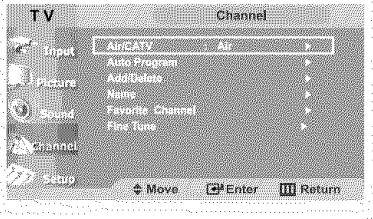
Fine Tuning Channels

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

1

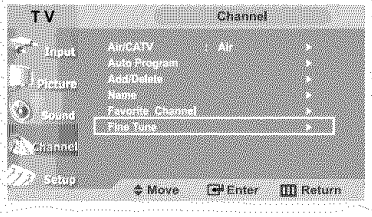
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Channel", then press the **ENTER** button.



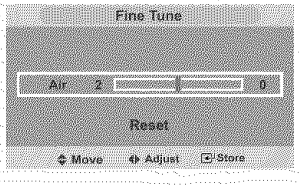
2

Press the **UP/DOWN ▲▼** buttons to select "Fine Tune", then press the **ENTER** button.



3

Press the **LEFT/RIGHT ◀▶** buttons to adjust the fine tuning.

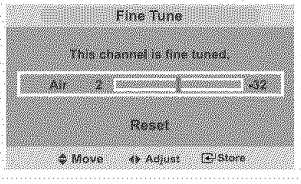


◀ If you do not store the fine-tuned channel in memory, adjustments are not saved.

4

To store the fine tuning setting in the TV's memory, press the **ENTER** button.

Press the **EXIT** button to exit.



◀ Fine tuned channels that have been saved are marked with an asterisk "*"on the right-hand side of the channel number in the channel banner.

Viewing Picture-in-Picture

This product has one built-in tuner, which does not allow PIP to function in the same mode. For example, you cannot watch one TV channel in the main screen, and a different one in the PIP screen. Please see 'PIP Settings'below for details.

You can use the PIP feature to simultaneously watch two video sources.

Note: While V-Chip is in operation, the PIP function cannot be used.

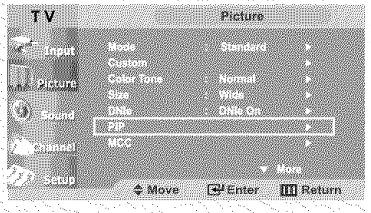
Activating Picture-in-Picture

1

Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Picture", then press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to select "PIP", then press the **ENTER** button.



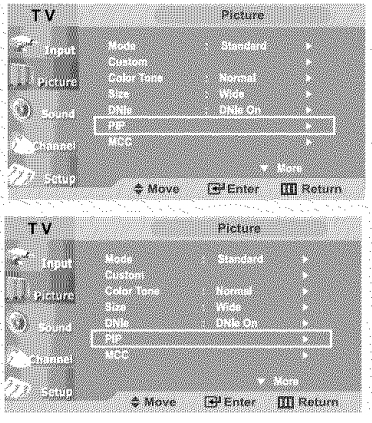
◀ Quick way to access the PIP menu: Simply press the PIP button on the remote control.

2

Press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to select "On".

Press the **EXIT** button to exit.



◀ If you turn the TV off while watching and turn it on again, the PIP window will disappear.

PIP Settings

O : PIP operates
X : PIP doesn't operate

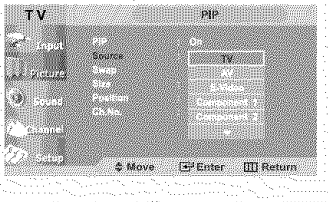
Sub Picture / Main Picture	TV	AV	S-Video	COMP 1	COMP 2	DVI	PC
TV	X	X	X	O	O	O	O
AV	X	X	X	O	O	O	O
S-Video	X	X	X	O	O	O	O
COMP 1	O	O	O	X	X	X	X
COMP 2	O	O	O	X	X	X	X
DVI	O	O	O	X	X	X	X
PC	O	O	O	X	X	X	X

Selecting a Signal Source (External A/V) for PIP

3

Press the **UP/DOWN ▲▼** buttons to select "Source", then press the **ENTER** button.

Select a source of the sub picture by pressing the **UP/DOWN ▲▼** buttons and press the **ENTER** button.

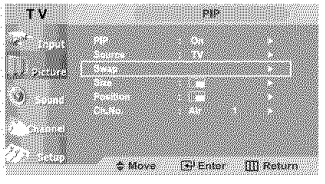


Note :Source selection is possible only when Component 1, Component 2, DVI, or PC is connected.

Swapping the Contents of the PIP and Main image

4

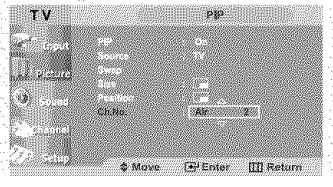
Press the **UP/DOWN ▲▼** buttons to select "Swap", then press the **ENTER** button.

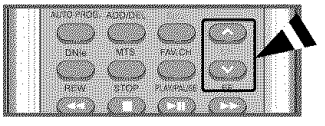


Changing the PIP Channel

5

Press the **UP/DOWN ▲▼** buttons to select "Ch.(Channel)", then press the **ENTER** button.



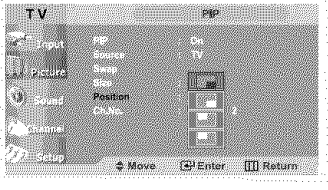


◀ MAIN:PC, DVI, Component 1 or 2, PIP:TV
"Channel" is inactive and not available in TV mode. However, they become active and available in PC, DVI, Component 1 and 2 modes. When main picture is set to TV/AV/ S-Video, only Component1/Component2/ DVI/PC can be selected and when main picture is set to Component1/ Component2/DVI/PC, only TV/AV/ S-Video can be selected.

Changing the Position of the PIP Window

6

Press the **UP/DOWN ▲▼** buttons to select "Position", then press the **ENTER** button.

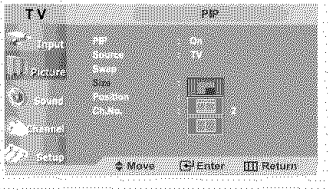


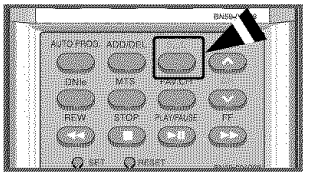
Changing the Size of the PIP Window

7

Press the **UP/DOWN ▲▼** buttons to select "Size", then press the **ENTER** button.

Press the **EXIT** button to exit.





- When the PC is in energy saving mode, you cannot choose the PIP option.
- You may notice that the picture in the PIP window becomes slightly unnatural when you set the main screen to game or karaoke mode.
- Switch the main screen and the PIP window for normal viewing.
- You can adjust picture position only by using the size menu.

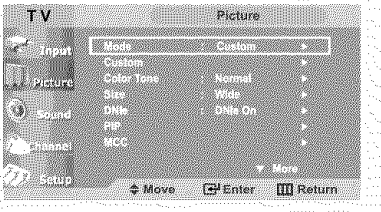
DNIe (Digital Natural Image engine)

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

1

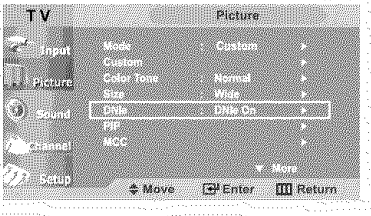
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Picture", then press the **ENTER** button.



2

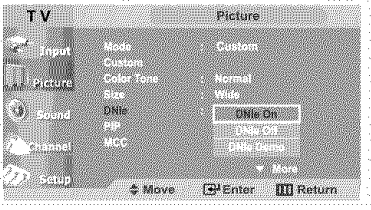
Press the **UP/DOWN ▲▼** buttons to select "DNIe", then press the **ENTER** button.



3

Press the **UP/DOWN ▲▼** buttons to select "DNIe On", "DNIe Off", "DNIe Demo", then press the **ENTER** button.

Press the **EXIT** button to exit.



- DNIe On: Improved picture mode as demonstrated by DNIe Demo is activated.
- DNIe Off: The mode is deactivated and the screen returns to it's original condition.
- DNIe Demo: The screen shows the improved image on the left-hand side and the original image on the right-hand side.

MCC (My Color Control)

MCC allows users to adjust colors to their preference, by adjusting skin, sky and grass tones using the predefined settings(Standard, Custom, Turkish Blue, Emerald Green, and Indian Pink) without affecting other colors on the screen.

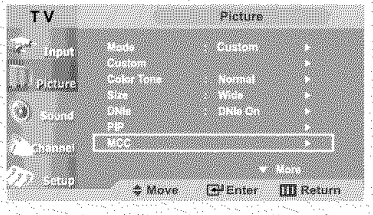
Easy Control

1

Press the **MENU** button to display the menu.

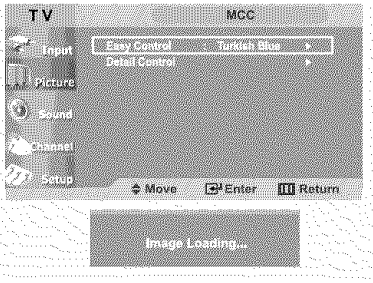
Press the **UP/DOWN ▲▼** buttons to select "Picture", then press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to select "MCC" then press the **ENTER** button.



2

Press the **UP/DOWN ▲▼** buttons to select "Easy Control", then press the **ENTER** button.



◀ This function doesn't work when Source is in PC mode, or DNIe is in off mode.

3

Press the **LEFT/RIGHT ◀▶** buttons to select among the various picture settings, then press **ENTER** .

The Original picture (before adjustment) is shown on the left side, while the selected mode is shown on the right.

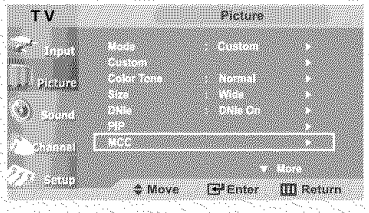
Detail Control

1

Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Picture", then press the **ENTER** button.

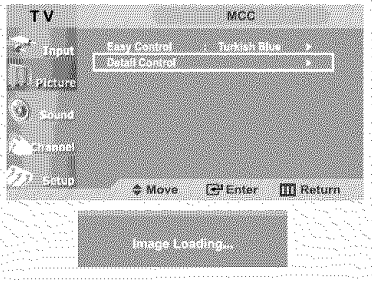
Press the **UP/DOWN ▲▼** buttons to select "MCC" then press the **ENTER** button.



◀ You can adjust skin, sky and grass tones without using the predefined settings in custom mode.

2

Press the **UP/DOWN ▲▼** buttons to select "Detail Control", then press the **ENTER** button.



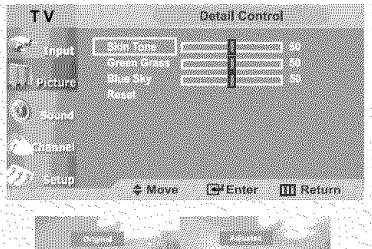
◀ This function doesn't work when the Source is in PC mode, or DNIe is in off mode.

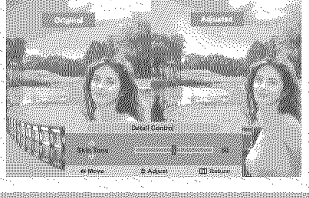
3

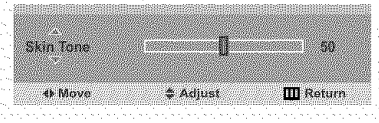
Press the **UP/DOWN ▲▼** buttons to select the desired MCC color and press the **ENTER** button.

Press the **LEFT/RIGHT ◀▶** buttons to increase or decrease the value of a particular item.

Press the **EXIT** button to exit.







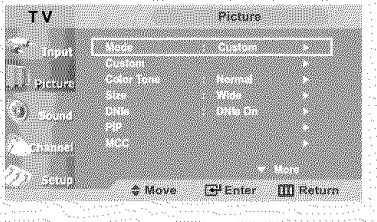
I2C (Intelligent Image Control)

I2C (Intelligent Image Control) automatically detects the inputted visual signal and adjusts to create optimum contrast.

1

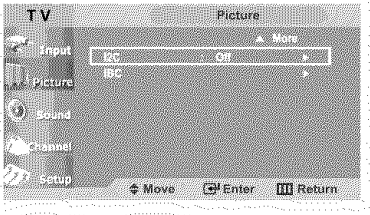
Press the **MENU** button todisplay the menu.

Press the **UP/DOWN ▲▼** buttons to select "Picture", then press the **ENTER** button.



2

Press the **UP/DOWN ▲▼** buttons to select "I2C", then press the **ENTER** button.

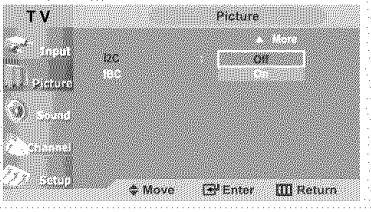


◀ This function doesn't work when the Source is in PC mode, or DNIe is in off mode.

3

Press the **UP/DOWN ▲▼** buttons to select "On" or "Off".

Press the **EXIT** button to exit.



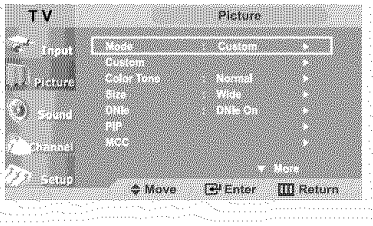
IBC (Intelligent Brightness Control)

The IBC (Intelligent Brightness Control) adjusts the screen brightness automatically by using a light detecting sensor.

1

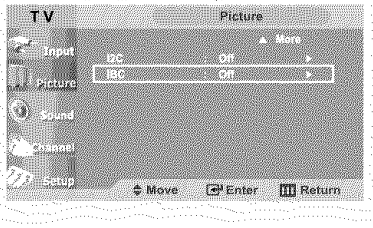
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Picture", then press the **ENTER** ↵ button.



2

Press the **UP/DOWN ▲▼** buttons to select "IBC", then press the **ENTER** ↵ button.

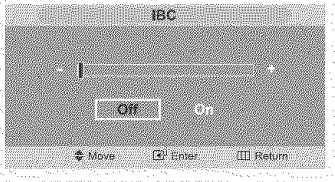


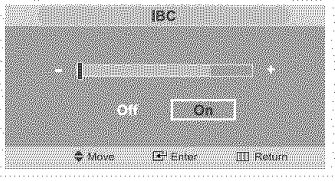
◀ This function doesn't work when the Source is in PC mode.

3

Press the **LEFT/RIGHT ◀▶** buttons to select "On" or "Off".

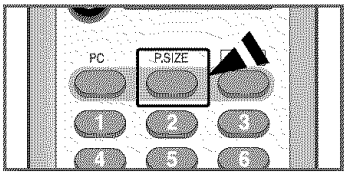
Press the **EXIT** button to exit.





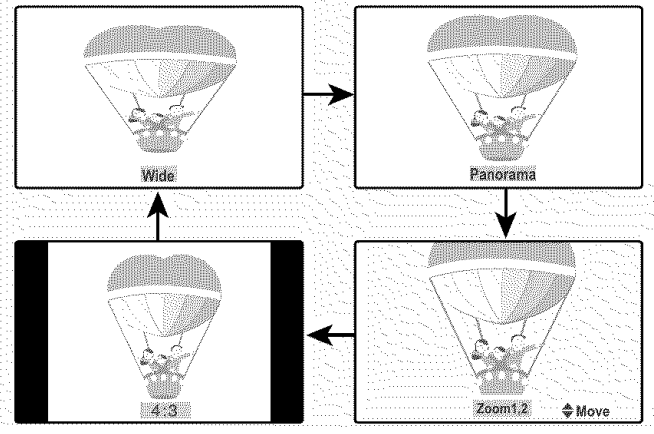
◀ Screen brightness is adjusted automatically depending on the brightness of the surrounding environment.

Changing the Screen Size



1

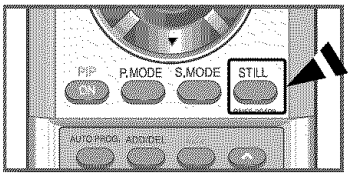
Press the **P.SIZE** button to change the screen size.



◀ Note : Only wide and size of 4:3 can be selected for PC Source.

- Wide : Sets the picture to 16:9 wide mode.
- Panorama : Use this mode for the wide aspect ratio of a panoramic picture.
- Zoom 1,2 : Magnifies the size of the picture on screen.
- 4:3 : Sets the picture to 4:3 normal mode. This is the standard TV screen size.

Freezing the Picture



1

Press the **STILL** button to freeze a moving picture.

• Normal sound will still be heard.

Press again to cancel.

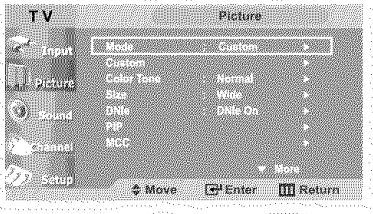
Adjusting the Color Tone

You can change the color of the entire screen according to your preference.

1

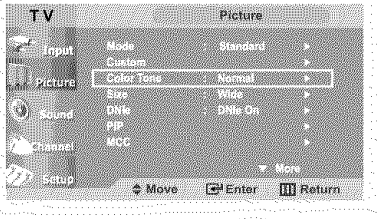
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Picture", then press the **ENTER** button.



2

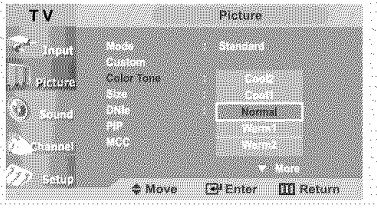
Press the **UP/DOWN ▲▼** buttons to select "Color Tone", then press the **ENTER** button.



3

Press the **UP/DOWN ▲▼** buttons to select "Cool 2", "Cool 1", "Normal", "Warm 1", or "Warm 2".

Press the **EXIT** button to exit.



◀ Choose from the following Color Tone settings: "Cool 2", "Cool 1", "Standard", "Warm 1", "Warm 2" according to personal preference.

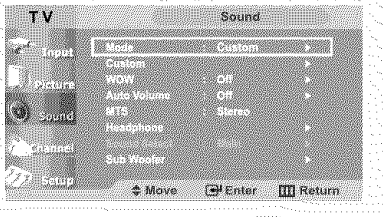
Automatic volume control

Reduces the differences in volume level among broadcasters.

1

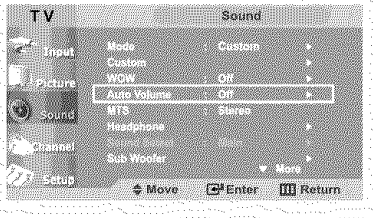
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Sound", then press the **ENTER** button.



2

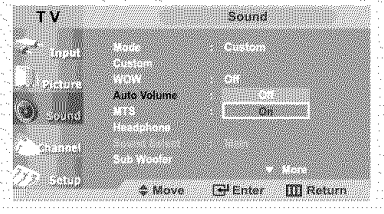
Press the **UP/DOWN ▲▼** buttons to select "Auto Volume", then press the **ENTER** button.



3

Press the **UP/DOWN ▲▼** buttons to set Auto Volume "On" or "Off"

Press the **EXIT** button to exit.



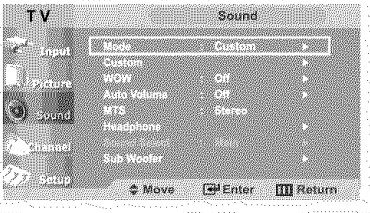
To select the WOW option

Emphasizes midrange and bass and provides a simulated surround-sound experience.

1

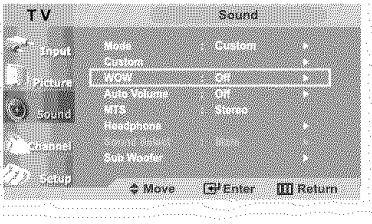
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Sound", then press the **ENTER** button.



2

Press the **UP/DOWN ▲▼** buttons to select "wow", then press the **ENTER** button.

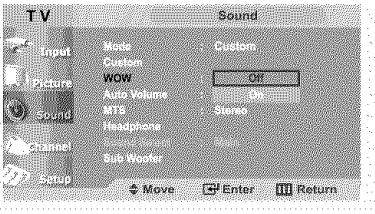


3

Press the **UP/DOWN ▲▼** buttons to select "Off".

Press the **ENTER** button.

Press the **EXIT** button to exit.



TRADEMARK & LABEL LICENSE NOTICE

SRS WOW is a trademark of SRS Labs,Inc.

WOW technology is incorporated under license from SRS labs,Inc.

Special Sound Options

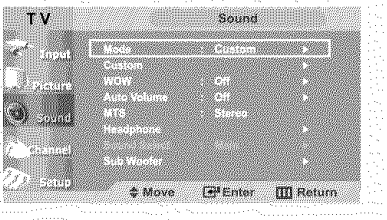
Choosing a Multi-Channel Sound (MTS) Soundtrack

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

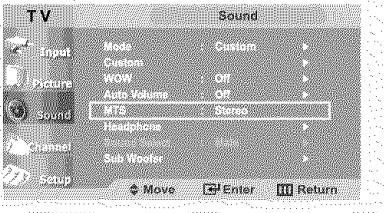
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Sound", then press the **ENTER** button.



2

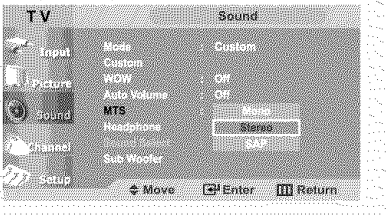
Press the **UP/DOWN ▲▼** buttons to select "MTS", then press the **ENTER** button.



3

Press the **UP/DOWN ▲▼** buttons to select "Mono", "Stereo" or "SAP", then press the **ENTER** button.

Press the **EXIT** 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.

You can also change the MTS setting by pressing the "MTS" button on the remote control. (When you change channels, MTS is set to "Stereo" automatically. To listen in 'SAP' or 'Mono,' change the MTS setting).

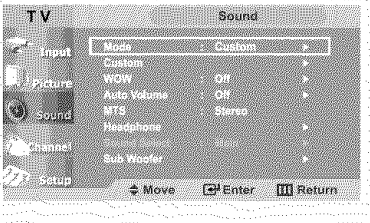
Selecting the Main or Sub Sound

You can select to hear sound from either the Main or Sub picture when PIP is On.

1

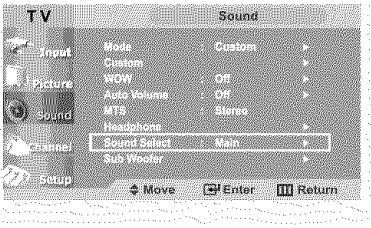
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Sound", then press the **ENTER** button.



2

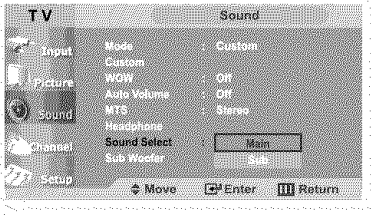
Press the **UP/DOWN ▲▼** buttons to select "Sound Select", then press the **ENTER** button.



3

Press the **UP/DOWN ▲▼** buttons to select "Main" or "Sub".

Select "Main" to hear the main TV sound and select "Sub" to hear the PIP window sound.



Press the **EXIT** button to exit.

Adjusting the Headphone Sound

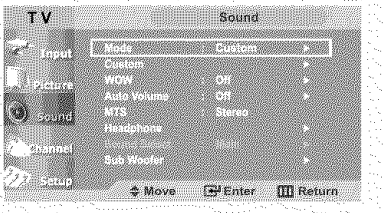
The headphone option is especially useful when simultaneously watching the main screen and the PIP window.

◀ Note : Headphones must be purchased separately.

1

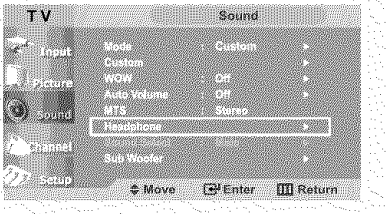
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Sound", then press the **ENTER** button.



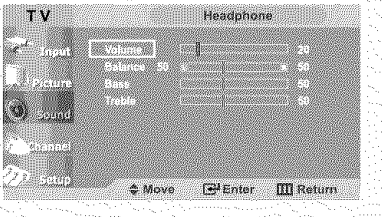
2

Press the **UP/DOWN ▲▼** buttons to select "Headphone", then press the **ENTER** button.



3

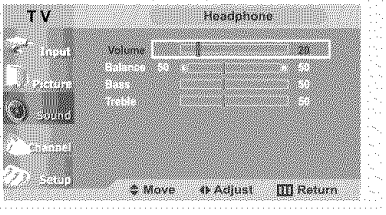
Press the **UP/DOWN ▲▼** buttons to select the particular item to be changed.



4

Press the **LEFT/RIGHT ◀▶** buttons to decrease or increase the value of a particular item.

Press the **EXIT** button to exit.



Sub Woofer

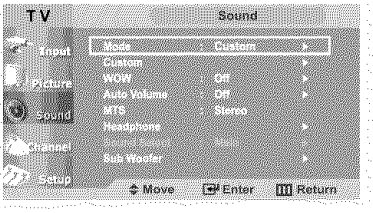
The TV provides an output for hookup to an active(powered) subwoofer.

Note : Extra sub-woofer speaker is necessary to emphasize low-key sound.
Adjust cutoff frequency to emphasize the lower keys.

1

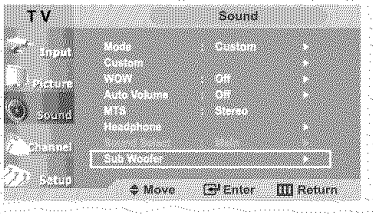
Press the **MENU** button to display the on-screen menu.

Press the **UP/DOWN ▲▼** buttons to select "Sound", then press the **ENTER** button.



2

Press the **UP/DOWN ▲▼** buttons to select "Sub Woofer", then press the **ENTER** button.



3

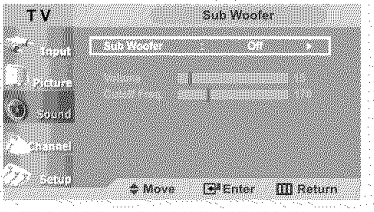
Press the **ENTER** button.

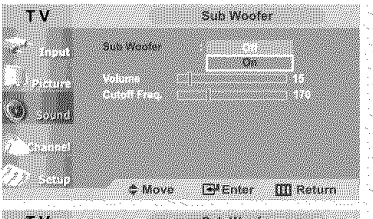
Press the **UP/DOWN ▲▼** buttons to select "On", then press the **ENTER** button.

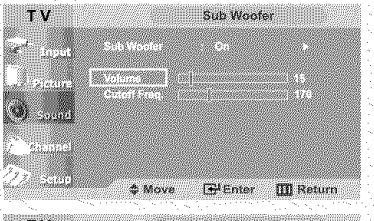
Press the **UP/DOWN ▲▼** buttons to select the particular item to be changed.

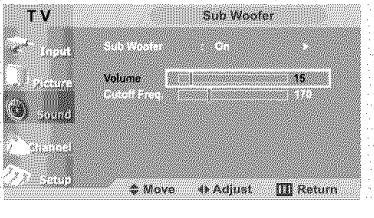
Press the **LEFT/RIGHT ◀▶** buttons to decrease or increase the value of a particular item.

Press the **EXIT** button to exit.









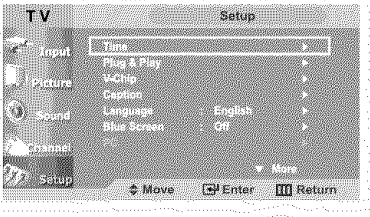
Setting the Clock

Setting the clock is necessary in order to use the various timer features of the TV. Also, you can check the time while watching the TV. (Just press the INFO button).

1

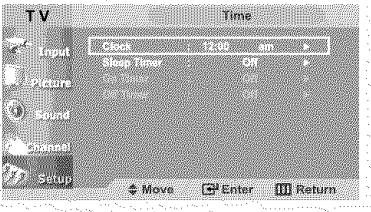
Press the **MENU** button to display the on-screen menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.



2

Press the **ENTER** button to select "Time", then press the **ENTER** button to select "Clock".



3

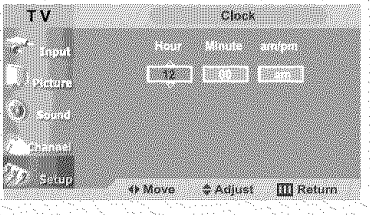
Press the **UP/DOWN ▲▼** buttons repeatedly until the correct "Hour" appears.

After the hour is entered, press the **LEFT/RIGHT ◀▶** buttons to select "Minute".

Press the **UP/DOWN ▲▼** buttons until the correct "Minute" appears.

Press the **LEFT/RIGHT ◀▶** buttons to select "am/pm" and adjust with the **UP/DOWN ▲▼** buttons.

Press the **EXIT** button to exit.



◀ Note : You can also set the time using the numeric buttons on the remote.

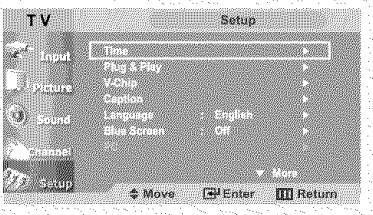
Setting the On/Off Timer

1

Press the **MENU** button to display the on-screen menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.

Press the **ENTER** button to select "Time".



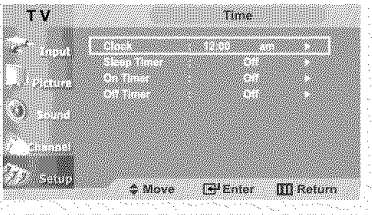
◀ Before using the timer, you must set the TV's clock. (See "Setting the Clock" on page 49)

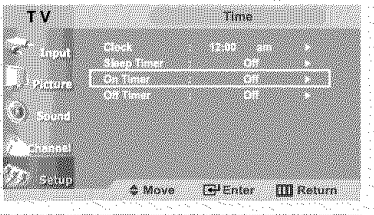
2

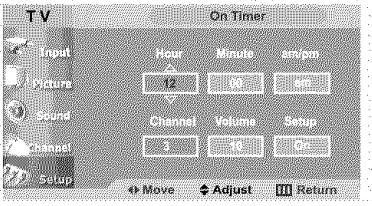
Press the **UP/DOWN ▲▼** buttons to select "On Timer", then press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons repeatedly to select the appropriate "Hour".

Press the **LEFT/RIGHT ◀▶** buttons repeatedly to select the appropriate minute (i.e., the time when the TV will turn on).







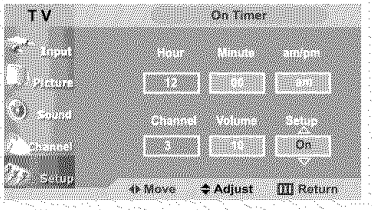
◀ When you set the hours, make sure the correct time of day (am or pm) appears to the right of the time.

3

Press the **LEFT/RIGHT◀▶** buttons to select "Setup".

Press the **UP/DOWN ▲▼** buttons to On Time "On". (Repeatedly pressing the **UP/DOWN ▲▼** buttons will alternate between On and Off).

When finished, press the **ENTER** button.

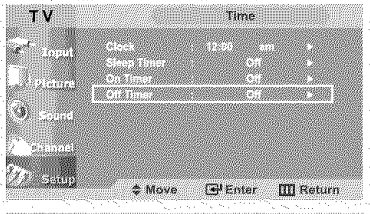


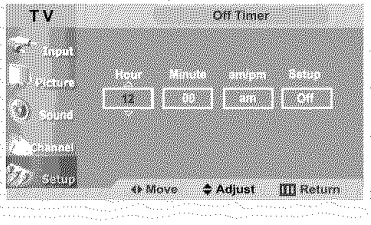
◀ To deactivate the "On Timer," select "Off" during this step.

4

To set the Off time, press the **UP/DOWN ▲▼** buttons to select "Off Timer".

Press the **ENTER** button and set the hours and minutes. (Follow the same procedure as in steps 2 and 3 above).





5

When finished setting the timer, press the **EXIT** button to exit.

- **Auto Power Off**

  When you set the timer on, your television will be turned off if you do not operate any controls for 3 hours after the TV has been turned on with the 'Timer On' function. 'Auto power off' operates only when the TV has been turned on by the 'Timer on' function.

Setting the Sleep Timer

Set the timer for the TV to turn off at the preset time automatically.

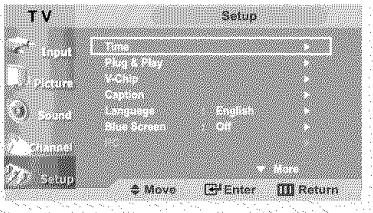
Sleep timer

1

Press the **MENU** button to display the on-screen menu.

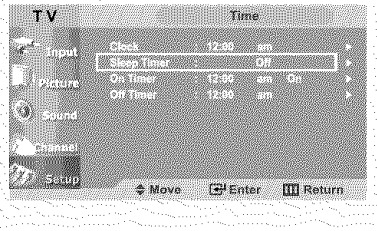
Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.

Press the **ENTER** button to select "Time".



2

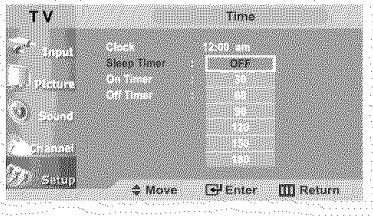
Press the **UP/DOWN ▲▼** buttons to select "Sleep Timer", then press the **ENTER** button.



3

Press the **UP/DOWN ▲▼** buttons repeatedly until the correct time appears.

Press the **EXIT** button to exit.



- **Easy Way to Set the Sleep Timer**

  Press the SLEEP button on the remote.

  The number on the screen changes from Off • 30 • 60 • 90 • 120 • 150 • 180 • Off

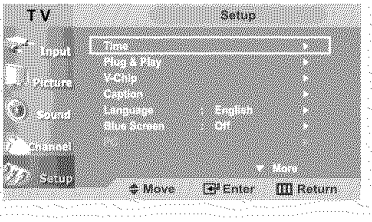
Viewing Closed Captions

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 pre-recorded 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 .

1

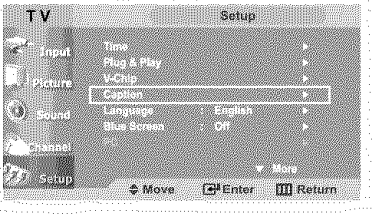
Press the **MENU** button to display the on-screen menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.



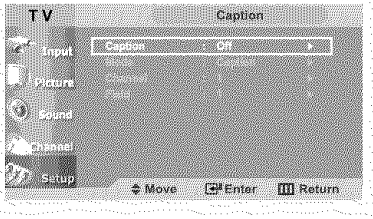
2

Press the **UP/DOWN ▲▼** buttons to select "Caption", then press the **ENTER** button.



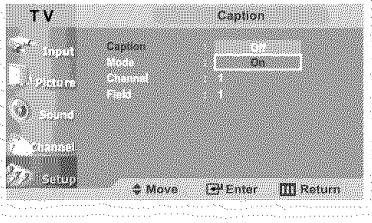
3

Press the **ENTER** button.



4

Press the **UP/DOWN ▲▼** buttons to set caption "Off/On", then press the **ENTER** button.



5

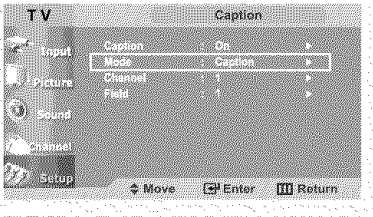
Depending on the particular broadcast, it might be necessary to alter the settings to "Channel" and "Field".

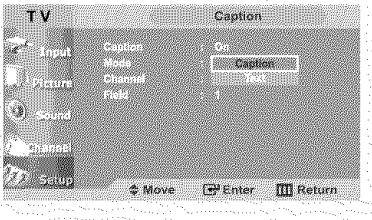
◀ Different channels and fields display different information: Field 2 carries additional information that supplements the information in Field 1. (For example, Channel 1 may have subtitles in English, while Channel 2 has subtitles in Spanish).

6

Press the **UP/DOWN ▲▼** buttons to select "Mode", then press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to set "Caption" or "Text", then press the **ENTER** button.

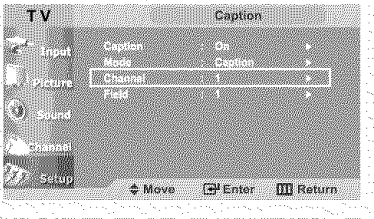


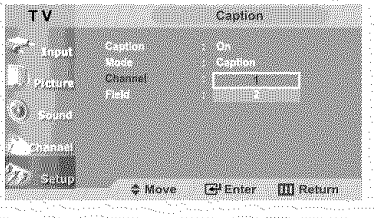


7

Press the **UP/DOWN ▲▼** buttons to select "Channel", then press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to select "1" or "2", then press the **ENTER** button.



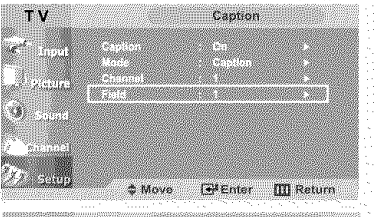


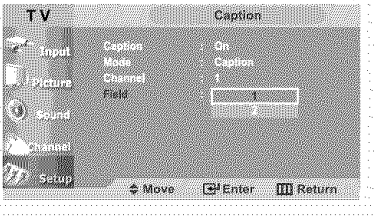
8

Press the **UP/DOWN ▲▼** buttons to select "Field", then press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to select "1" or "2", then press the **ENTER** button.

Press the **EXIT** button to exit.





Using the V-Chip

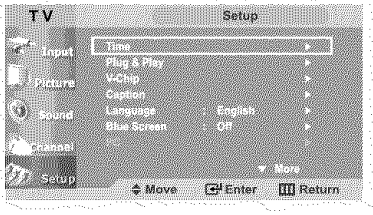
The V-Chip feature automatically locks out programming that is deemed inappropriate for children. The user must first enter a Pin (personal ID number) before any of the V-Chip restrictions can be set up or changed.

Setting Up Your Personal ID Number (PIN)

1

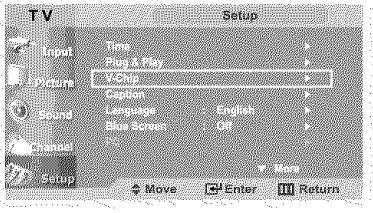
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.



2

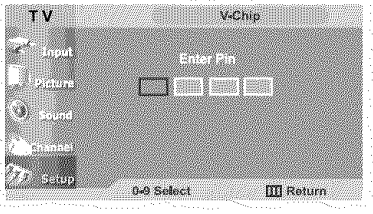
Press the **UP/DOWN ▲▼** buttons to select "V-Chip", then press the **ENTER** button.



3

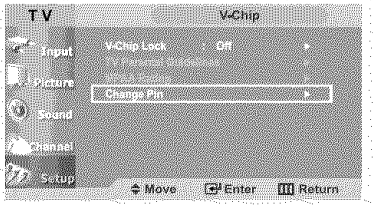
The "Enter Pin" screen will appear. Enter your 4-digit Pin number.

Note: The default Pin number for a new TV set is "**0-0-0-0.**"



4

After entering a valid PIN number, the "V-Chip" screen will appear. Press the **UP/DOWN ▲▼** buttons to select "Change Pin".



5

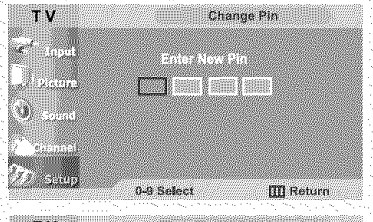
Press the **ENTER** button.

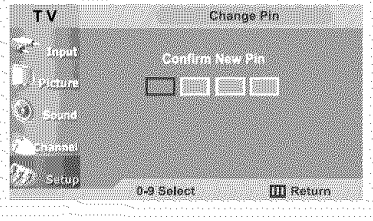
The Change Pin screen will appear. Choose any 4-digits for your PIN and enter them.

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.

Press the **EXIT** button to exit.





◀ Note: If you forget the Pin, press the remote-control buttons(with the unit "Off") in the following sequence,which resets the pin to **0-0-0-0**: POWER OFF → MUTE → 8 → 2 → 4 → POWER ON.

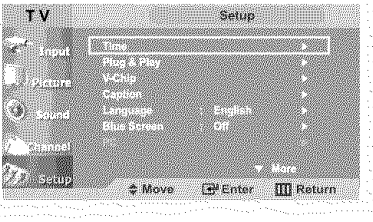
How to Enable/Disable the V-Chip

Note : PIP operation is disabled when the V-chip is on.

1

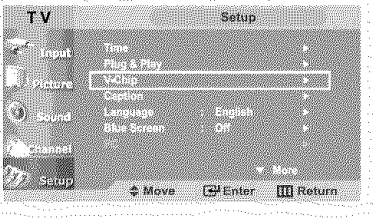
Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.



2

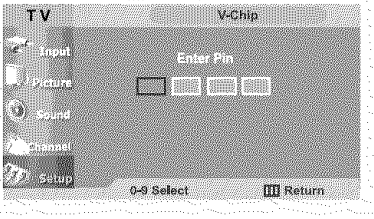
Press the **UP/DOWN ▲▼** buttons to select "V-Chip", then press the **ENTER** button.



3

The "Enter Pin" screen will appear. Enter your 4-digit Pin number.

Note: The default Pin number for a new TV set is "**0-0-0-0.**"

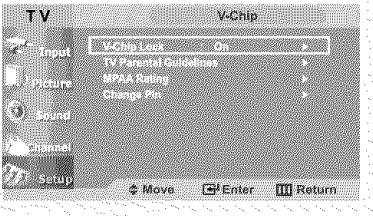


4

The "V-Chip" screen will appear, and "V-Chip Lock" will be selected.

To enable the V-Chip feature, press the **UP/DOWN ▲▼** buttons so that the "V-Chip Lock" is set to Yes. (Pressing the **UP/DOWN ▲▼** buttons will alternate between On and Off.)

Press the **EXIT** button to exit.



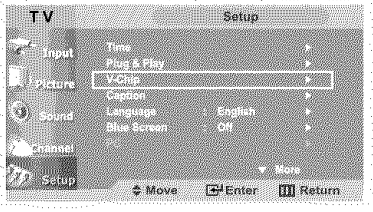
How to Set up Restrictions Using the 'TV Parental Guidelines'

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 to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.

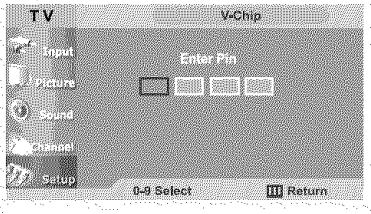


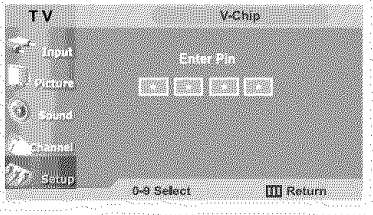
2

Press the **UP/DOWN ▲▼** buttons to select "V-Chip", then press the **ENTER** button.

The "Enter Pin" screen will appear. Enter your 4-digit Pin number.

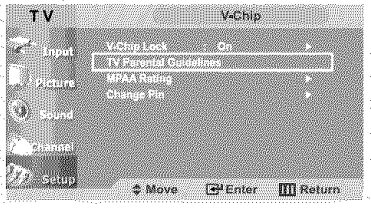
Note: The default Pin number for a new TV set is "**0-0-0-0.**"





3

Press the **UP/DOWN ▲▼** buttons to select "TV Parental Guidelines", then press the **ENTER** button.



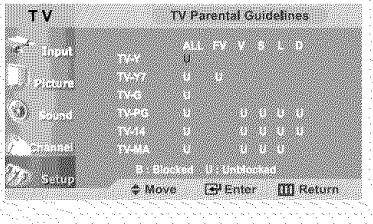
4

The "TV Parental Guidelines" screen will appear.

Press the **UP/DOWN ▲▼** buttons to select one of the six age-based categories:

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



◀ 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.)

5

At this point, one of the TV-Ratings is selected.

Depending on your existing setup, the color of the letter "U" or "B" will be highlighted (changed to yellow). (U= Unblocked, B= Blocked)

When the color of the "U" or "B" is changed, press the **ENTER**(↵)button to block or unblock the category.

To select a different TV-Rating, press the **UP/DOWN** ▲▼ buttons and then repeat the process.

To **EXIT** this screen, press **MENU**(▥) again.

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 : Sexual 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.)

6

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 **LEFT** or **RIGHT** buttons.

This will cycle through the available sub-ratings (FV,L, S, D or V).

A highlighted letter ("U" or "B") will be displayed for each sub-rating. While the "U" or "B" is highlighted, press the **ENTER**(↵) button to change the sub-rating.

Press **MENU**(▥) once to save the TV guidelines.

To select a different TV-Rating, press the **UP/DOWN** ▲▼ buttons and then repeat the process.

To exit this screen, press **MENU**(▥) once again.

Note: The V-chip will automatically block certain categories that are "More restrictive".
For example, if you block the "L" sub-rating in TV-PG, then the "L" sub-ratings in TV-14 andTV-MA will automatically be blocked.

7

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).

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

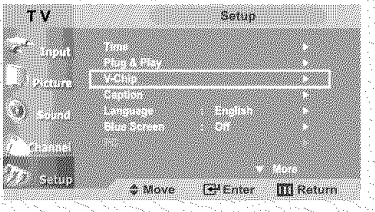
The MPAA rating system uses the Motion Picture Association of America (MPAA) system, and its main application is for movies.
When the V-Chip lock is on, the TV will automatically block any programs that are coded with objectionable ratings (either MPAA or TV-Ratings).

1

Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.

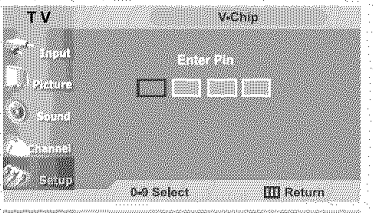
Press the **UP/DOWN ▲▼** buttons to select "V-Chip", then press the **ENTER** button.

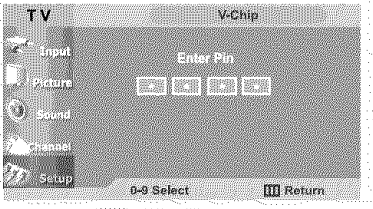


2

The "Enter Pin" screen will appear. Enter your 4-digit PIN number.

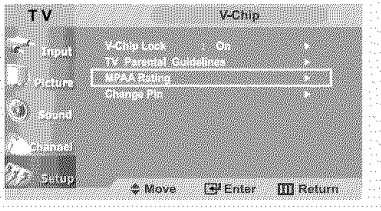
Note: The default Pin number for a new TV set is "**0-0-0-0.**"





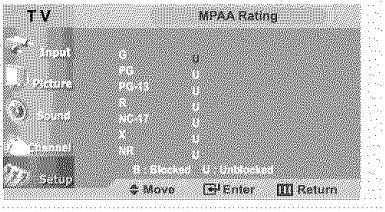
3

Press the **UP/DOWN ▲▼** buttons to select "MPAA rating", then press the **ENTER** button.



4

Repeatedly press the **UP/DOWN ▲▼** buttons to select a particular MPAA category. (When a category is selected, its color changes to yellow.)



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.

Press the **ENTER**(↵) button to select "U" or "B".

Press the **MENU**(▥)button four times to save the settings and to clear all screens.

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 Menu button for an "emergency escape":

Select the V-Chip on the Menu. Enter your PIN number, and press the **ENTER**↵ button to temporarily disable the V-Chip Lock.

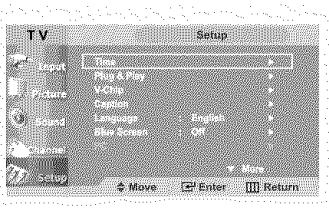
Color Weakness

This feature enables those with a color weakness to view images as those with normal color vision do.The feature provides nine different color adjustment layers for red, green and blue.

1

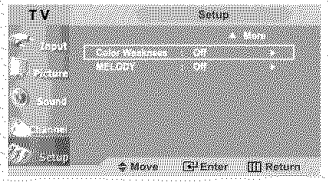
Press the **MENU** button to display the on-screen menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.



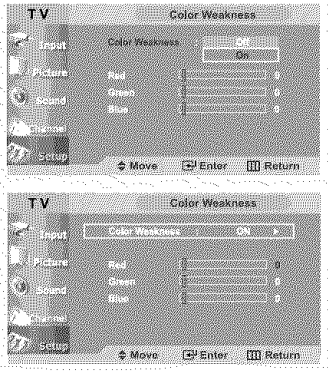
2

Press the **UP/DOWN ▲▼** buttons to select "Color Weakness", then press the **ENTER** button.



3

Press the **ENTER** button and then press the **UP/DOWN ▲▼** buttons to select "On", then press the **ENTER** button.



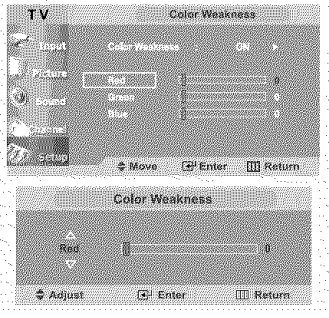
◀ This function doesn't work when the Source is in PC mode, or DNIe is in off mode.

4

Press the **UP/DOWN ▲▼** buttons to select "Red", "Green", "Blue".

Press the **LEFT/RIGHT ◀▶** buttons to decrease or increase the value of a particular item.

Press the **EXIT** button to exit.



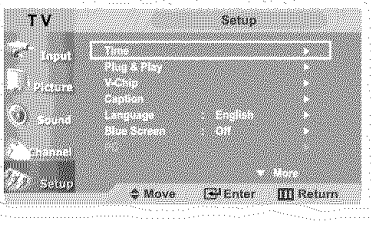
Selecting the Melody

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

1

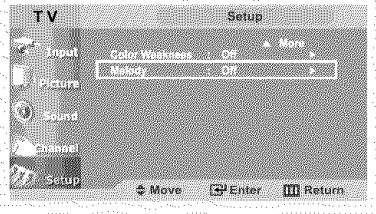
Press the **MENU** button to display the on-screen menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.



2

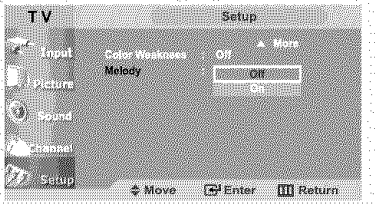
Press the **UP/DOWN ▲▼** buttons to select "Melody", then press the **ENTER** button.



3

Press the **UP/DOWN ▲▼** buttons to select "Off" or "On".

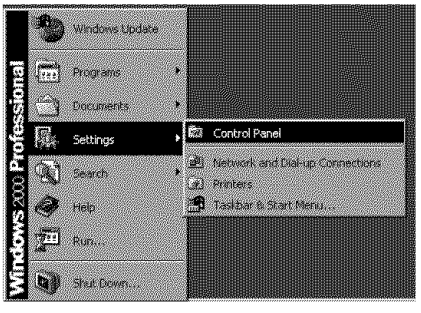
Press the **EXIT** button to exit.



Using Your TV as a Computer (PC) Display

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 look different, depending upon your particular version of Windows and your particular video card. Even if your actual screens look different, the same, basic set-up information will apply in most cases. (If not, contact your computer manufacturer or Samsung Dealer).

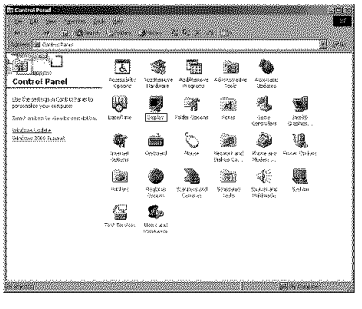


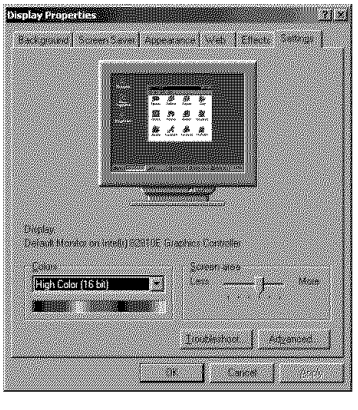
First, click on "Settings" on the Windows start menu.

While "Settings" is highlighted, move the cursor so that "Control Panel" is highlighted.

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

Navigate to the "settings" tab on the display dialog-box.





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

* Size
  (sometimes called "resolution"):
  1280 x 768 pixels

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.

* See "Display Modes" on page 74.

How to Auto Adjust

Use the Auto Adjust function to have the TV set automatically adjust the video signals the monitor receives. The function also automatically fine-tunes the settings and adjusts the frequency values and positions.

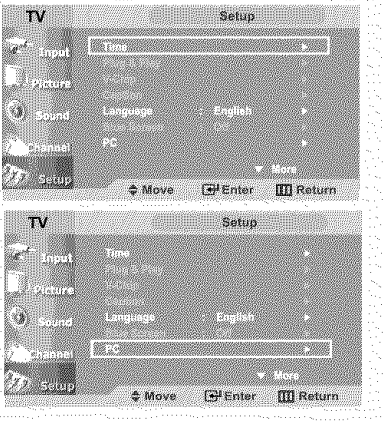
Press the PC button on the remote control to select the PC mode.

1

Press the **MENU** button to display the menu.

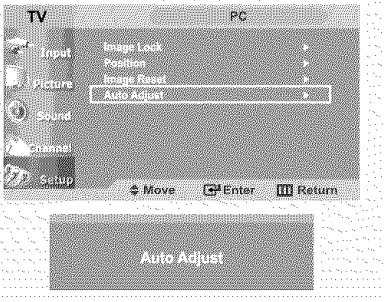
Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to select "PC", then press the **ENTER** button.



2

Press the **UP/DOWN ▲▼** buttons to select "Auto Adjust", then press the **ENTER** button.



Adjusting the Screen Quality

The purpose of the picture quality adjustment is to remove or reduce picture noise. If the noise is not removed by fine tuning alone, then do the frequency adjustments to the utmost and fine tune again. After the noise has been reduced, re-adjust the picture so that it is aligned on the center of screen.

Press the PC button on the remote control to select the PC mode.

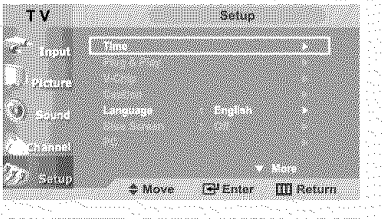
Note:This function does not work in DVI-Digital mode.

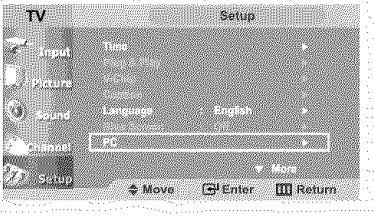
1

Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.

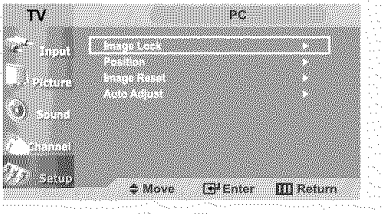
Press the **UP/DOWN ▲▼** buttons to select "PC" then press the **ENTER** button.





2

Press the **ENTER** button to select "Image Lock".

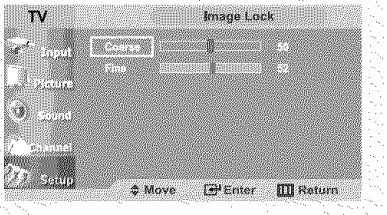


3

Press the **UP/DOWN ▲▼** buttons to select "Coarse" or "Fine", then press the **ENTER** button.

Press the **LEFT/RIGHT ◀▶** buttons to adjust the screen quality, vertical stripes may appear or the picture may be blurry.

Press the **EXIT** button to exit.



<Adjusting Coarse>

<Adjusting Fine>

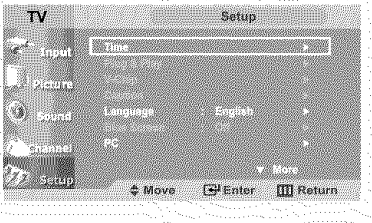
Changing the Screen Position

Press the PC button on the remote control to select the PC mode.

1

Press the **MENU** button to display the menu.

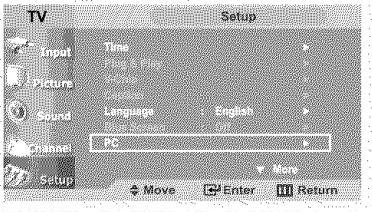
Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.

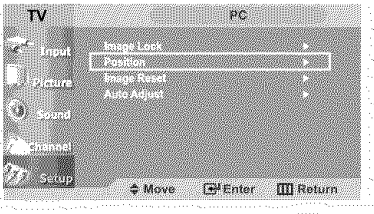


2

Press the **UP/DOWN ▲▼** buttons to select "PC", then press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to select "Position", then press the **ENTER** button.



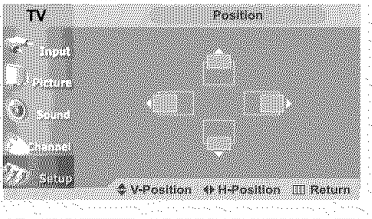


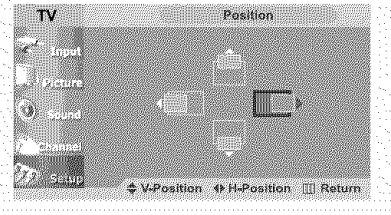
3

Press the **UP/DOWN ▲▼** buttons to adjust the V-Position.

Press the **LEFT/RIGHT ◀▶** buttons to adjust the H-Position.

Press the **EXIT** button to exit.





To Initialize the Screen Position or Color Settings

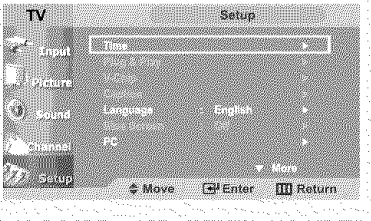
Press the PC button on the remote control to select the PC mode.

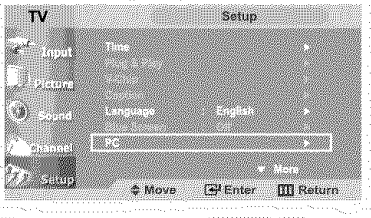
1

Press the **MENU** button to display the menu.

Press the **UP/DOWN ▲▼** buttons to select "Setup", then press the **ENTER** button.

Press the **UP/DOWN ▲▼** buttons to select "PC", then press the **ENTER** button.

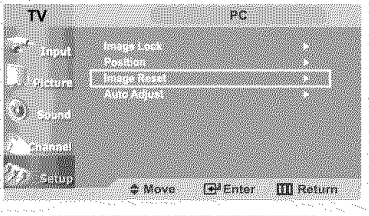


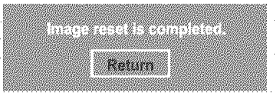


2

Press the **UP/DOWN ▲▼** buttons to select "Image Reset", then press the **ENTER** button.

Press the **EXIT** button to exit.





Chapter Six

TROUBLESHOOTING

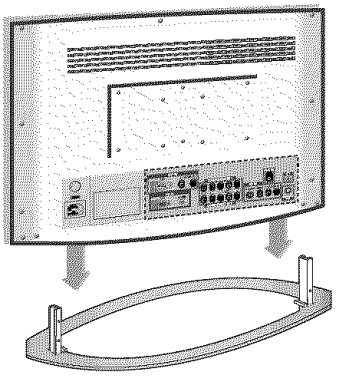
If the TV seems to have a problem, first try this list of possible problems and solutions. If none of these troubleshooting tips apply, call your nearest Samsung service center.

Identifying Problems

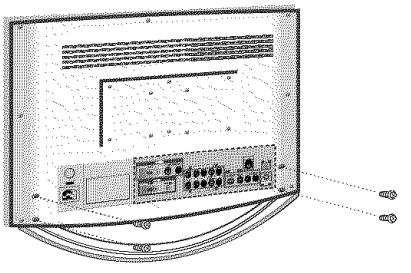
Problem	Possible Solution
Poor picture	Try another channel. Adjust the antenna. Check all wire connections.
Poor sound quality.	Try another channel. Adjust the antenna.
No picture or sound.	Try another channel. Press the TV/VIDEO button. Make sure the TV is plugged in. Check the antenna connections.
No sound or sound is too low at maximum volume.	First, check the volume of units connected to your TV (digital broadcasting receiver, DTV, DVD, cable broadcasting receiver, VCR, etc.). Then, adjust the TV volume accordingly.
Picture rolls vertically.	Check all wire connections.
The TV operates erratically.	Unplug the TV for 30 seconds, then try operating it again.
The TV won't turn on.	Make sure the wall outlet is working.
Remote control malfunctions	Replace the remote control batteries. Clean the upper edge of the remote control (transmission window). Check the battery terminals.
"Check Signal Cable" message.	Ensure that the signal cable is firmly connected to the PC sources.

Problem	Possible Solution
"Not Supported Mode!" message.	Check the maximum resolution and the frequency of the Video Adapter. Compare these values with the data in the Display Modes Timing Chart.
The image is too light or too dark.	Adjust the Brightness and Contrast. Adjust the Fine tuning.
Horizontal bars appear to flicker, jitter or shimmer on the image.	Adjust the Coarse tuning and then adjust the Fine tuning.
Vertical bars appear to flicker, jitter or shimmer on the image.	Adjust the Coarse tuning and then adjust the Fine tuning.
Screen is black and power indicator light blinks steadily.	On your computer check: Power , Signal Cable(24-pin DVI) The TV is using its power management system. Move the computer's mouse or press a key on the keyboard.
Image is not stable and may appear to vibrate.	If the setting is not correct, use your computer utility program to change the display settings. NOTE: Your TV supports multiscan display functions within the following frequency domain: • Horizontal frequency: 30 kHz ~ 68 kHz • Vertical frequency: 56 Hz ~ 85 Hz • Maximum refresh rate: 1280 x 768 @ 60 Hz
Image is not centered on the screen.	Adjust the horizontal and vertical position. The screen position must be adjusted on the output source(i.e.. STB) with a digital signal.
If a still image is displayed for an extended period of time, residual images or blurring may appear.	When you need to leave the monitor unused for an extended period of time, adjust the settings so that the monitor automatically goes into energy saving mode or activates the screen saver to display moving images.

Installing the Stand



<1>



<2>

1

Lower the TV set in the direction of the arrow and fix the stand.

2

Use the four screws to tightly fix the stand.

Maintenance of Your LCD TV

WARNING: To avoid risk of electric shock, do not disassemble the TV cabinet (except for gaining access to the cable connectors as described on Chapter 2). Users cannot service the TV. User maintenance is restricted to cleaning as explained below:

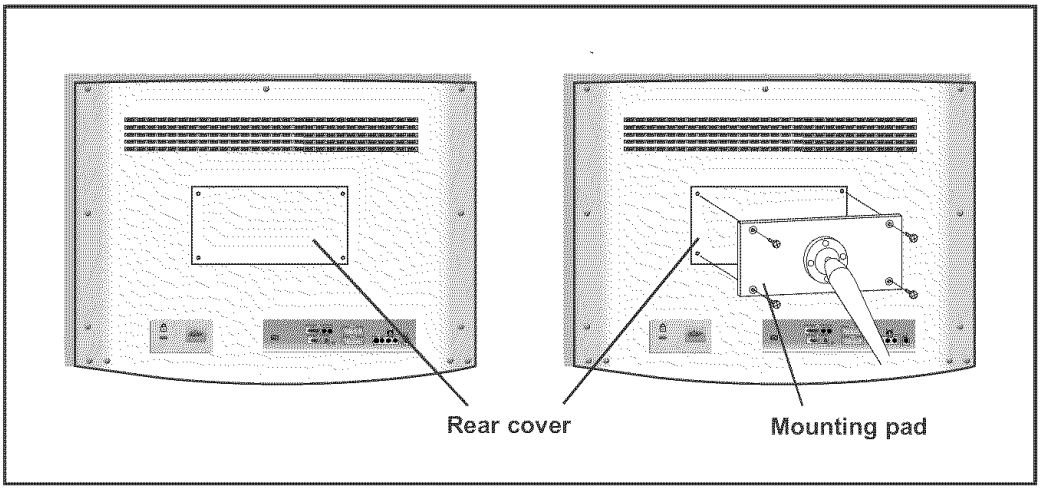
Unplug the LCD TV from the power outlet before cleaning.

- To clean your flat panel display screen, lightly dampen a soft, clean cloth with water or mild detergent. If possible, use a special screen cleaning tissue or solution suitable for the antistatic coating.
- To clean the LCD TV cabinet, use a cloth lightly dampened with a mild detergent.
- Never use flammable cleaning material to clean your LCD TV or any other electrical apparatus.

Installing VESA compliant mounting devices(not supplied)

Align the mounting interface pad with the holes in the rear cover mounting pad and secure it with the four screws that come with the arm-type base, wall mount hanger or other bases.

This TV accepts a 200mm 100mm VESA-Compliant mounting interface pad.



Cleaning and Maintaining Your TV

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

Placement

- Do not place the TV near extremely hot, cold, humid or dusty places.
- Do not place the TV near appliances with electric motors that create magnetic fields, such as vacuum cleaners.
- Keep the ventilation openings clear; do not place the TV on a soft surface, such as cloth or paper.
- Place the TV in a vertical position only.

Liquids

- Do not handle liquids near or on the TV.
  Liquids that spill into it can cause serious damage.

Cabinet

- Never open the cabinet or touch the parts inside.
- Wipe your TV 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 TV is suddenly moved from a cold to a warm place, unplug the power cord, and allow at least two hours for moisture that may have formed inside the unit to dry completely.

Using Your TV in Another Country

If you plan to take your TV with you to a foreign country, please be aware of the different television systems that are in use around the world. A TV designed for one system may not work properly with another system due to differences in the TV channel frequencies.

Specifications

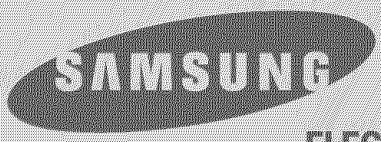
Model Name		LT-P266W
Panel	Size Display Size Type Pixel Pitch Viewing Angle	26" Diagonal 556.4 (H) X 339.84 (V) mm a-si TFT active matrix 0.4425 (H) X 0.4425 (V) mm 170/170 (H/V)
*Frequency	Horizontal Vertical Display Color	30 ~ 68 kHz 56 ~ 85 Hz 16,194,277 colors
Display Resolution	Maximum Mode	1280 x 768 @ 60 Hz
Input Signal	Sync Signal Video Signal	H/V Separate, TTL, P. or N. 0.7 Vp-p @ 75 ohm
Video	Color System Video System	NTSC CVBS, S-VHS
Component	Video In Audio In	1.0 Vp-p @ 75 ohm 500mVrms
Power Supply	Input	AC 120V~ 60 Hz
Power Consumption	Normal Power Saving	130 W < 5 W
Dimensions / Weight	Unit (WxDxH): body	29.17 x 4.68 x 16.92 inches (741.0 x 1190.0 x 498.5 mm)
	With Stand	29.17 x 10.89 x 20.70 inches /33.07 lbs (741.0 x 276.8 x 526.0 mm /15.0 kg)
Environmental Considerations	Operating Temperature Operating Humidity Storage Temperature Storage Humidity	50 °F to 104 °F (10 °C to 40 °C) 10% to 80% -13 °F to 113 °F (-25 °C to 45 °C) 5% to 95%, non-condensing
Audio Characteristics	Audio Input 1 Audio Input 2 Headphone Out Frequency Response	RCA Jack (L, R), 0.5Vrms (-9dB) 3.5ø Stereo Jack, 0.5Vrms (-9dB) Max. 10mW Output (3.5ø Stereo Jack 32Ω) RF: 80Hz ~ 15kHz (at- 3dB) A/V: 80Hz ~ 20kHz (at - 3dB)

* Referring to Display Modes, page 74.

Display Modes

If the signal from the system equals the standard signal mode, the screen is adjusted automatically. If the signal from the system doesn't equal the standard signal mode, adjust the mode by referring to your Videocard user guide; otherwise there may be no video. For the display modes listed below, the screen image has been optimized during manufacture.

Mode	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H/V)
Macintosh	640 X 480	35.000	66.667	30.240	- / -
	832 X 624	49.726	74.551	49.500	+ / +
IBM	640 X 480	31.496	59.940	25.175	- / -
	720 X 400	31.469	70.087	28.322	- / -
VESA	640 X 480	37.861	72.809	31.500	- / -
	640 X 480	37.500	75.000	31.500	- / -
	800 X 600	37.879	60.317	40.000	+ / +
	800 X 600	48.077	72.188	50.000	+ / +
	800 X 600	46.875	75.000	49.500	+ / +
	1024 X 768	48.363	60.004	65.000	- / -
	1024 X 768	56.476	70.069	75.000	- / -
	1024 X 768	60.023	75.029	78.750	+ / +
GTF	1280 X 768	47.700	60.000	80.136	- / +



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