



## PLASMA TV

MODEL: 42PC1DA

## LCD TV

MODEL: 37LB1D

### OWNER'S MANUAL



Internet Home Page : <http://www.lge.com>  
<http://www.lg.ca>



**ENERGYSTAR** is a set of power-saving guidelines issued by the U.S. Environmental Protection Agency(EPA).



As an ENERGY STAR Partner LGE U. S. A., Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Please read this manual carefully before operating your set. Retain it for future reference. Record model number and serial number of the set. See the label attached on the back cover and quote this information to your dealer when you require service.

P/NO : 38289U0512B (0512-REV00)  
Printed in Korea

# Warning



**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



## WARNING:

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## NOTE TO CABLE/TV INSTALLER:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

## REGULATORY INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## CAUTION:

Do not attempt to modify this product in any way without written authorization from LG Electronics Corporation. Unauthorized modification could void the user's authority to operate this product.

## U.S.A. only

### COMPLIANCE:

The responsible party for this product's compliance is:  
LG Electronics U.S.A., Inc.  
1000 Sylvan Avenue, Englewood Cliffs, NJ 07632  
Phone: 1-800-243-0000  
<http://www.lgusa.com>

# Safety Instructions

## WARNING :

To Reduce The Risk Of Fire Or Electric Shock, Do Not Expose This Apparatus To Rain Or Moisture.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

## IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.

2. Keep these instructions.

3. Heed all warnings.

4. Follow all instructions.



5. Do not use this apparatus near water.



6. Clean only with a dry cloth.



7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.



8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.



11. Only use the attachments / accessories specified by the manufacturer.

12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.



14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.



#### Note

- If the TV feels cold to the touch, there may be a small "flicker" when when it is turned on. This is normal, there is nothing wrong with TV.
- Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However, they have no adverse effect on the monitor's performance.
- Avoid touching the LCD screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen.

#### CAUTION concerning the Power Cord

Most appliances recommend they be placed upon a dedicated circuit; that is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain.

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer.

Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.

#### On Disposal

- The fluorescent lamp used in this product contains a small amount of mercury.
- Do not dispose of this product with general household waste.  
Disposal of this product must be carried out in accordance to the regulations of your local authority.




Official term for an HDTV that conforms to the plug-and-play digital cable TV standard using POD (point of deployment) access cards, also called CableCARDS. Users can plug the cable directly into an HDTV set, then enjoy HDTV and digital cable without having to use a separate set-top box.



Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.



 is a trademark of SRS Labs, Inc. TruSurround XT technology is incorporated under license from SRS Labs, Inc.



High-definition television. High-resolution digital television broadcast and playback system composed of roughly a million or more pixels, 16:9 aspect-ratio screens, and AC3 digital audio. A subset of digital television. HDTV formats include 1080i and 720p resolution.



HDMI™, the HDMI logo and High-Definition Multimedia Interface is a trademark or registered trademark of HDMI Licensing."



LG's own special digital image generator. It consists of full digital image processor, APM mode & 6 different main picture quality factors.



Manufactured under license from BBE Sound, Inc.



## TV Guide On Screen Notices for U.S.A.

### Trademark Notice

In the United States, TV GUIDE and other related marks are registered marks of Gemstar-TV Guide International, Inc. and/or one of its affiliates. In Canada, TV GUIDE is a registered mark of Transcontinental Inc., and is used under license by Gemstar-TV Guide International, Inc.

### License Notice

The TV Guide On Screen system is manufactured under license from Gemstar-TV Guide International, Inc. and/or one of its affiliates.

### Patent Notice

The TV Guide On Screen system is protected by one or more of the following issued United States patents 6,498,895; 6,418,556; 6,331,877; 6,239,794; 6,154,203; 5,940,073; 4,908,713; 4,751,578; 4,706,121.

Use of the CableCARD™ TradeMark.

"CableCARD™ is a trademark of Cable Television Laboratories, Inc."

## Digital Cable Compatibility

This digital television is capable of receiving basic analog, digital basic and digital premium cable television programming by direct connection to a cable system providing such programming. A security card provided by your cable operator is required to view encrypted digital programming. Cable operator enhanced program (For example, electronic program guide provided by the cable operator), and data enhanced television service may require the use of a set top box. For more information contact your local cable operator.

# CONTENTS

**WARNING** ..... 2  
**SAFETY INSTRUCTIONS** ..... 3-4

## INTRODUCTION

TV Guide On Screen Notices / Digital Cable  
 Compatibility ..... 5  
 Accessories ..... 8  
 Controls (Model Name: 42PC1DA) ..... 9  
 Connection Options (Model Name: 42PC1DA) ... 10  
 Controls (Model Name: 37LB1D) ..... 11  
 Connection Options (Model Name: 37LB1D) ..... 12  
 Remote Control Key Functions ..... 13-17

## INSTALLATION

How to join the product assembly to the wall  
 to protect the set tumbling..... 18  
 Wires Arrangement ..... 19  
 Desktop Pedestal Installation ..... 20

## CONNECTIONS & SETUP

Antenna or Cable Connection ..... 21  
 CableCARD™ Setup ..... 22  
 HDSTB Setup ..... 22-24  
 VCR Setup ..... 24-25  
 DVD Setup ..... 26-27  
 External A/V Source Setup ..... 28  
 Digital Audio Output ..... 28  
 AV Out Setup ..... 29  
 PC Setup ..... 29-32

## BASIC OPERATION

Turning on the TV ..... 33  
 On-screen Menus Language Selection ..... 33  
 Initial Channel Search (EZ Scan) ..... 34  
 Volume Adjustment ..... 34  
 Channel Selection ..... 34

## TV GUIDE ON SCREEN™ SYSTEM

TV Guide On Screen™ Setup ..... 35-37  
 TV Guide On Screen™ Feature ..... 38-57  
 - Overview  
 - Screen Components  
 - Panel Menu  
 - Main Services  
     *Listings / Search / Recordings*  
     *Schedule / Setup*  
 - Record And Remind Features  
     *Record / Remind*

## SPECIAL FUNCTIONS

### PIP/POP/Twin Picture (Multiple Screen)

Watching PIP/POP/Twin Picture ..... 58  
 Selecting an Input Signal Source for PIP/Twin Picture .. 58  
 TV Program Selection for PIP ..... 58  
 Moving the PIP sub picture ..... 58  
 Adjusting Main and Sub Picture Sizes for Twin Picture . 59  
 Swapping PIP/Twin Picture ..... 59  
 POP(Picture-out-of-Picture: Channel Scan) ..... 59

## TV MENU

On Screen Menus Selection and Adjustment ..... 60

### Setup(Channel)

EZ Scan (Auto Channel Search) ..... 61

Manual Scan (Manual Channel Search) ..... 61

Channel Edit ..... 62

DTV Signal Strength ..... 63

Main Input Source Selection ..... 63

Sub Input Source Selection ..... 64

Input Label ..... 64

### Video Adjustment

EZ Picture ..... 65

APM(Adaptive Picture Mode) ..... 65

Manual Picture Control (EZ Picture-User Option) . . . 66

Color Temperature Control ..... 66

XD ..... 67

Advanced ..... 67

Video Reset ..... 68

### Audio Adjustment

Audio Language ..... 69

EZ SoundRite (Auto Volume Level) ..... 69

EZ Sound ..... 70

Manual Sound Control (EZ Sound-user Option) . . . 70-71

Balance ..... 71

TV Speakers On/Off Setup ..... 72

BBE ..... 72

Stereo/SAP Broadcasts Setup ..... 73

### Time Setting

Auto Clock Setup ..... 74

Manual Clock Setup ..... 74

On/Off Timer Setup ..... 75

Sleep Timerf ..... 75

Auto Off ..... 76

### Optional Features

Aspect Ratio Control ..... 77

Caption / Text ..... 78

Caption Option ..... 79

ISM (Image Sticking Minimization) Method (42PC1DA only) . 80

Low Power (42PC1DA only) ..... 80

### Lock Adjustment

Parental Lock Setup ..... 81-82

### CableCARD™ Function

Cable menu options ..... 83

Scrambled channel ..... 83

Cable Channel List ..... 84

Emergency Alert Message ..... 84

## APPENDIX

External Control Device Setup ..... 85-91

IR Codes ..... 92-93

Programming the Remote ..... 94

Programming Codes ..... 95-96

Troubleshooting Checklist ..... 97-99

Maintenance ..... 100

Product Specifications ..... 101

*After reading this manual, keep it handy for future reference.*

# Introduction

## Accessories

Ensure that the following accessories are included with your TV. If any accessory is missing, please contact the dealer from where you purchased the product.



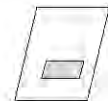
Power Cord



75Ω Round Cable



D-sub 15 pin cable



Owner's Manual



Remote Control /  
Batteries



Polishing Cloth  
Polish the screen with the cloth.

### For 42PC1DA



2-Wall brackets



2-eye-bolts

### For 37LB1D



Twister Holder  
Arrange the wires  
with the twister holder.



2-TV Bracket Bolts



2-TV Brackets,  
2-Wall Brackets



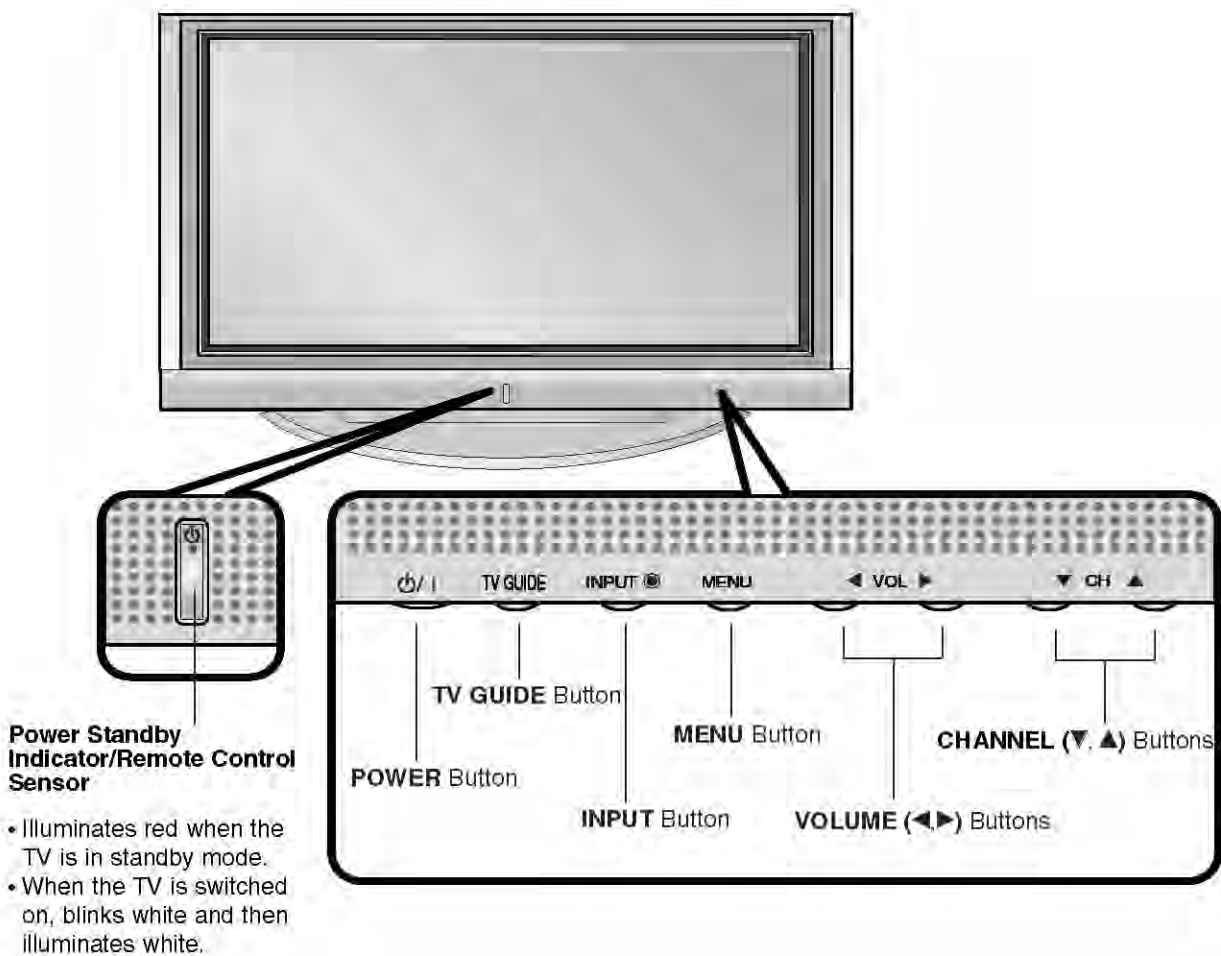
Cable Management



## Controls (Model Name: 42PC1DA)

- This is a simplified representation of front panel.
- Here shown may be somewhat different from your TV.

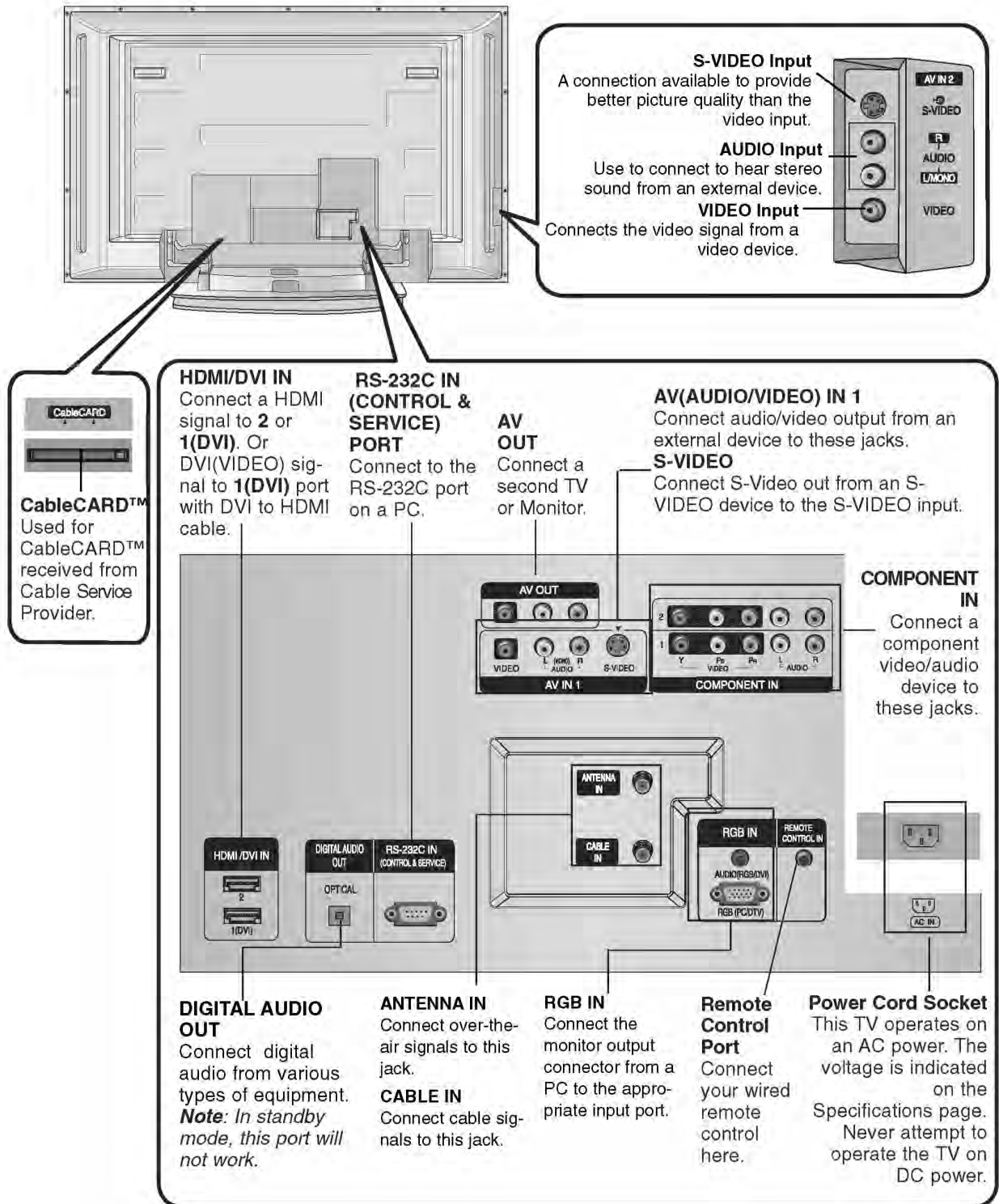
### Front Panel Controls



# Connection Options (Model Name: 42PC1DA)

- Here shown may be somewhat different from your TV.

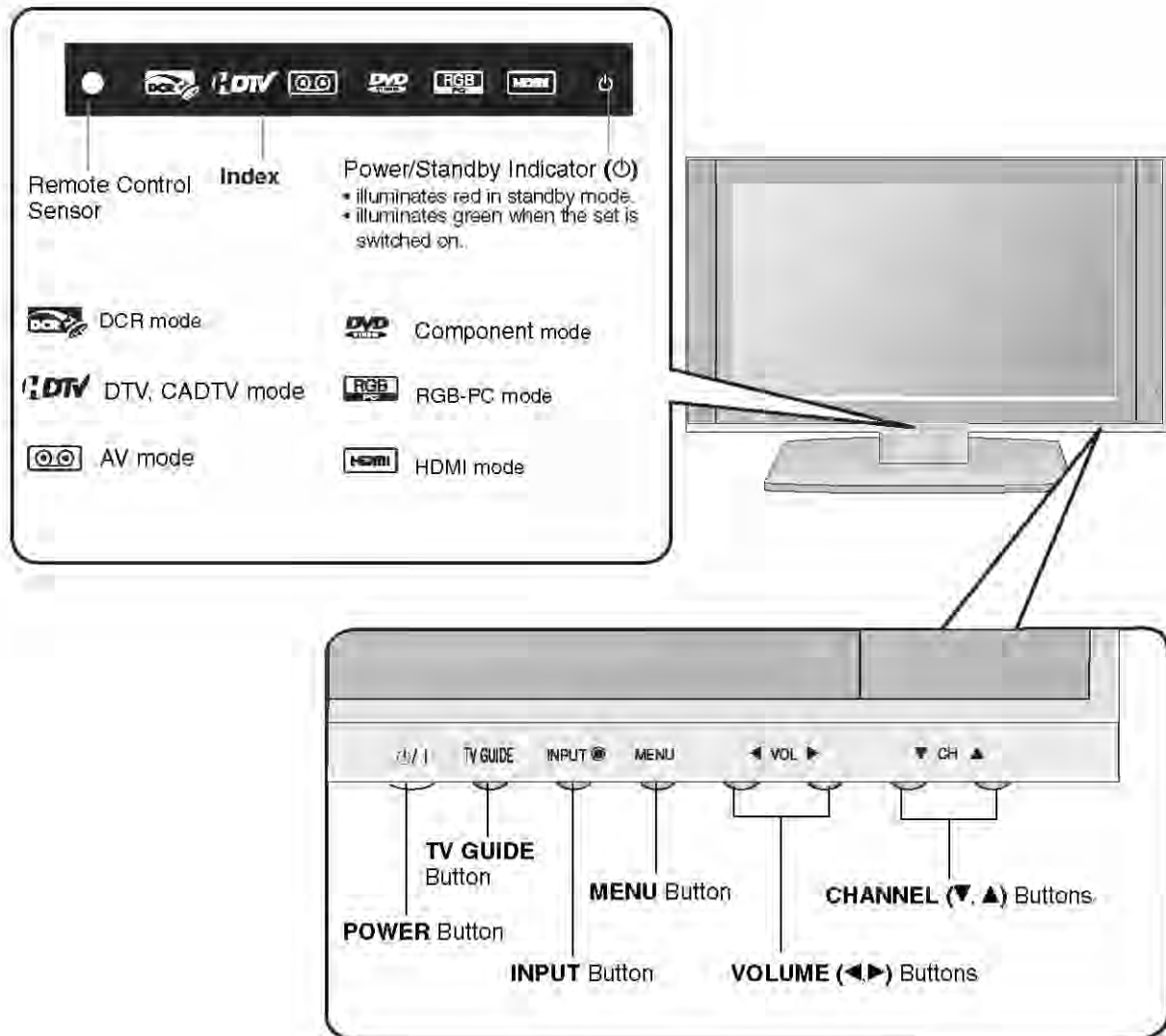
## Back Connection Panel



## Controls (Model Name: 37LB1D)

- This is a simplified representation of front panel.
- Here shown may be somewhat different from your TV.

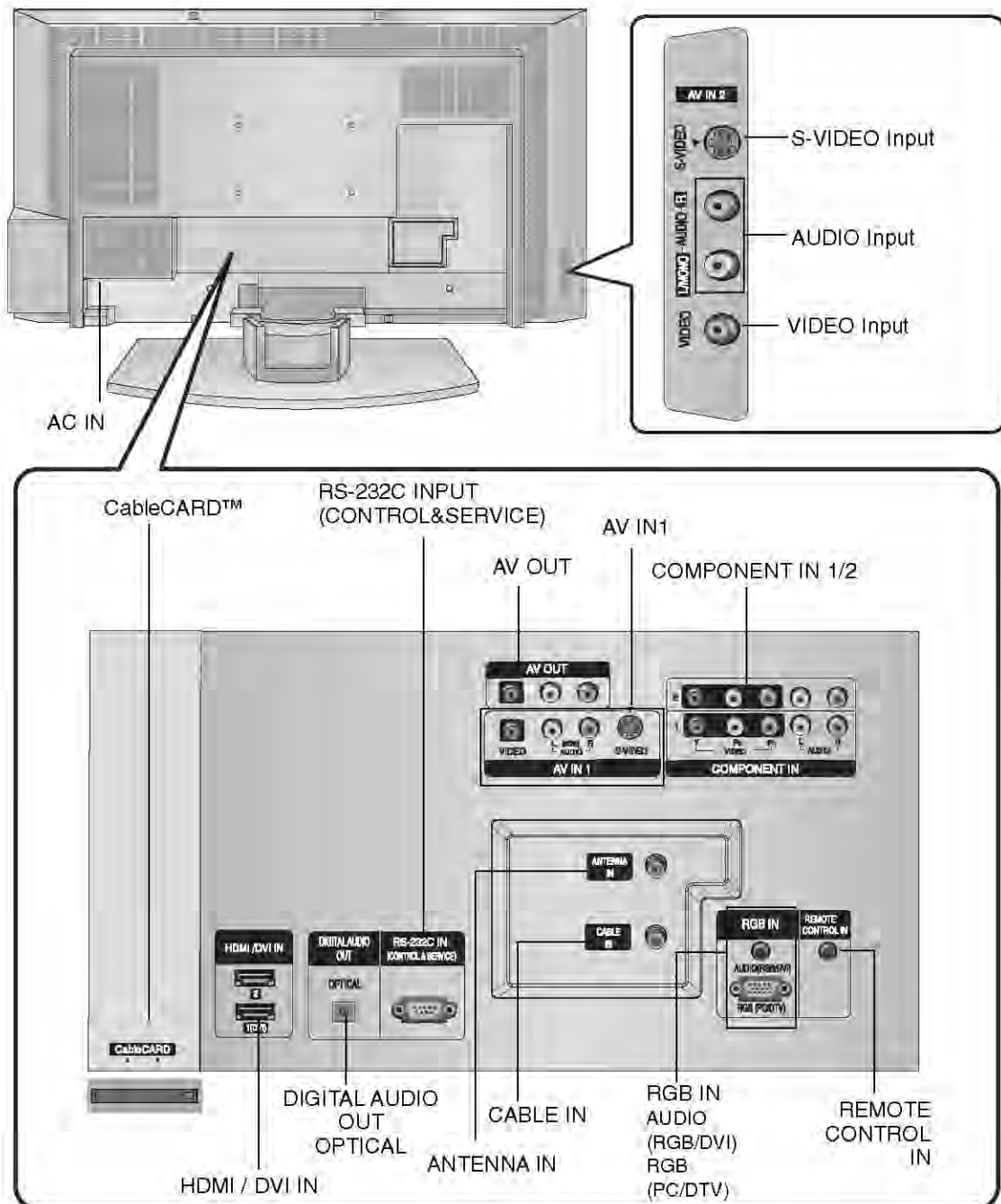
### Front Panel Controls



## Connection Options (Model Name: 37LB1D)

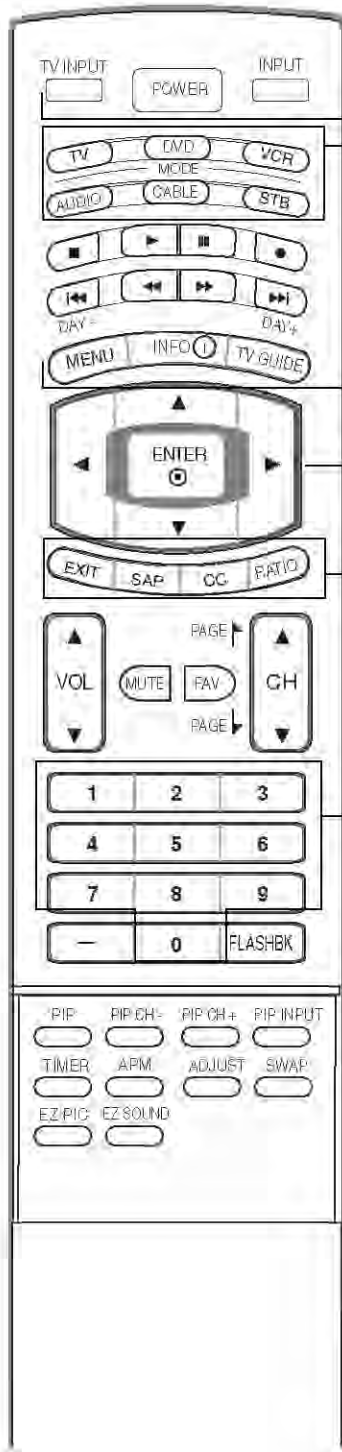
- Here shown may be somewhat different from your TV.

### Back Connection Panel



\* The HDMI port can receive video via High-Definition Multimedia Interface (HDMI) or the Digital Visual Interface (DVI). Note: An adapter or special cable is required to plug DVI into an HDMI port (available at home theater or computer stores).

# Remote Control Key Functions



## POWER

Turns your TV or any other programmed equipment on or off, depending on mode.

## TV INPUT

In AV 1-2, Component 1-2, RGB-DTV (or RGB-PC), HDMI1/DVI, and HDMI2 input sources, screen returns to the last TV channel.

## INPUT

External input modes rotate in regular sequence: Antenna, Cable, AV1-2, Component 1-2, RGB-DTV (or RGB-PC), HDMI1/DVI, HDMI2 (AV 1-2, Component 1-2, RGB-DTV (or RGB-PC), HDMI1/DVI), and HDMI2 input sources are linked automatically, Only if these are connected)

## MODE

Selects the remote operating mode: TV, VCR, DVD, CABLE, STB or AUDIO.

## MENU

Brings up the main menu to the screen. Enters or exits a Panel Menu in the TV Guide On Screen system.

## TV GUIDE

Brings up the TV Guide On Screen system to the screen.

## THUMBSTICK (Up/Down/Left/Right/ENTER)

Allows you to navigate the on-screen menus and adjust the system settings to your preference.

## EXIT

Clears all on-screen displays and returns to TV viewing from any menu.

## SAP

Selects MTS sound: Mono, Stereo, and SAP in analog mode. Change the audio language in DTV mode.

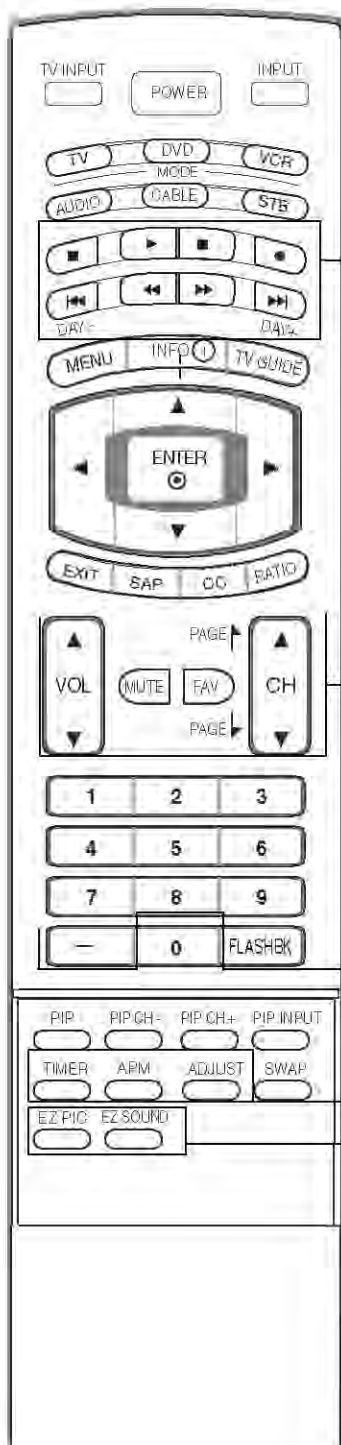
## CC

Select a closed caption: Off, CC1~4, Text1~4.

## RATIO

Changes the aspect ratio.

## NUMBER BUTTONS



**VCR/DVD BUTTONS**

Controls some video cassette recorders or DVD players when you have already selected DVD or VCR mode button.

**DAY + / DAY-**

Moves forward or backward in 24 hour increments.

**VOLUME UP/DOWN**

Increases/decreases the sound level.

**CHANNEL UP/DOWN**

Selects available channels found with EZ scan and Manual scan.

**PAGE UP/DOWN**

Moves from one full set of screen information to the next one.

**MUTE**

Switches the sound on or off.

**FAV**

Use to scroll the Favorite channels.

**— (DASH)**

Used to enter a program number for multiple program channels such as 2-1, 2-2, etc.

**FLASHBK**

Returns to the last channel viewed.

**TIMER**

Lets you select the amount of time before your TV turns itself off automatically.

**APM**

Concurrently, compare with the Daylight, Normal, Night Time and User1 on the screen.

**ADJUST**

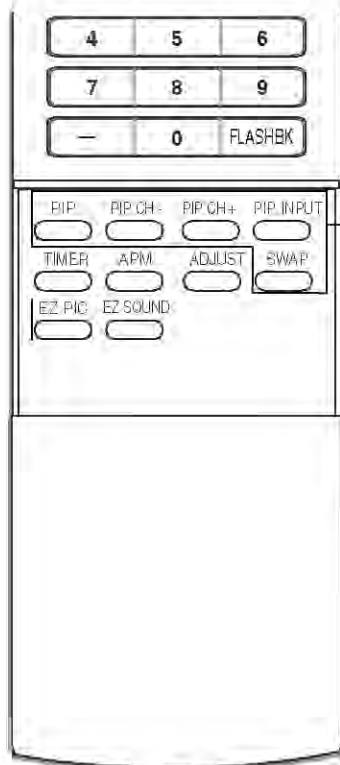
Adjusts screen position, size, and phase in PC mode.

**EZ PIC**

Selects a factory preset picture mode depending on the viewing environment.

**EZ SOUND**

Selects the sound appropriate for the program's character.

**PIP**

Switches between PIP, POP (Picture-out-of-Picture) and Twin picture modes. Switches the video window locking or unlocking in the Listings Grid.

**PIP CH-/PIP CH+**

Changes to next higher/lower PIP channel.

**PIP INPUT**

Selects the input source for the sub picture in PIP/Twin picture mode.

**SWAP**

Exchanges the main/sub images in PIP/Twin picture mode.

### Installing Batteries

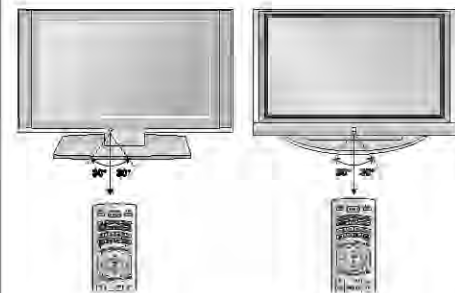
- 1** Open the battery compartment cover on the back side.



- 2** Insert two batteries in correct polarity (+ with +, - with -). Don't mix old or used batteries with new ones.

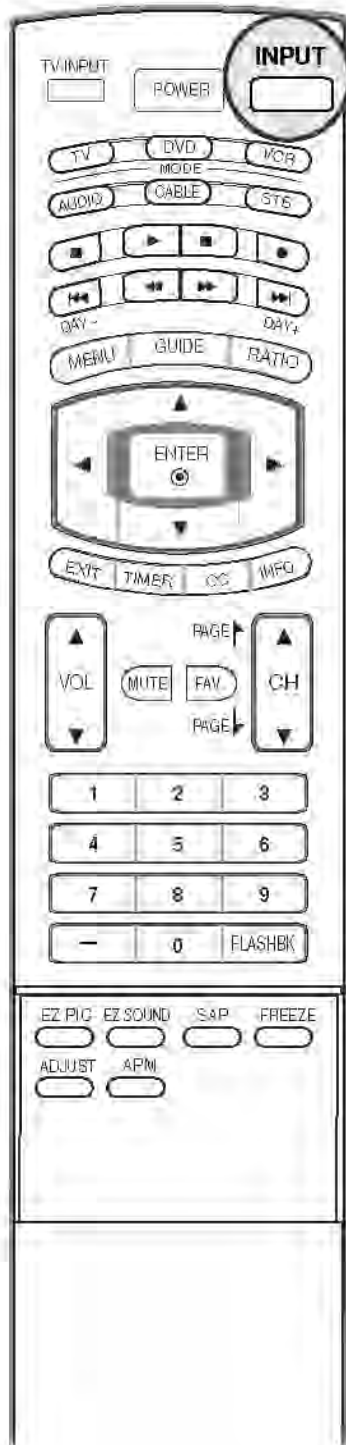


- 3** Close the cover.



\* Use a remote control 7 meter distance and 30 degree (left/right) within the receiving unit scope.

\* Dispose of used batteries in a recycle bin to preserve environment.



## Auto Link

- Only, activated the connected external equipment list on the screen. (Disconnected external equipment is marked to deactivate.)
- At this time, if you press the **ENTER** button, change the main input to the active external equipment. And you can use the **▲ / ▼** button to select the main input source.



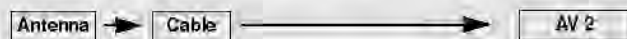
1. When every external equipment is connected:



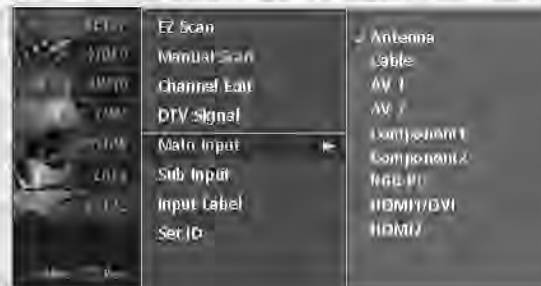
2. When any external equipment is not connected:



3. When some External Equipment is connected:  
(ex: When connected to AV 2)

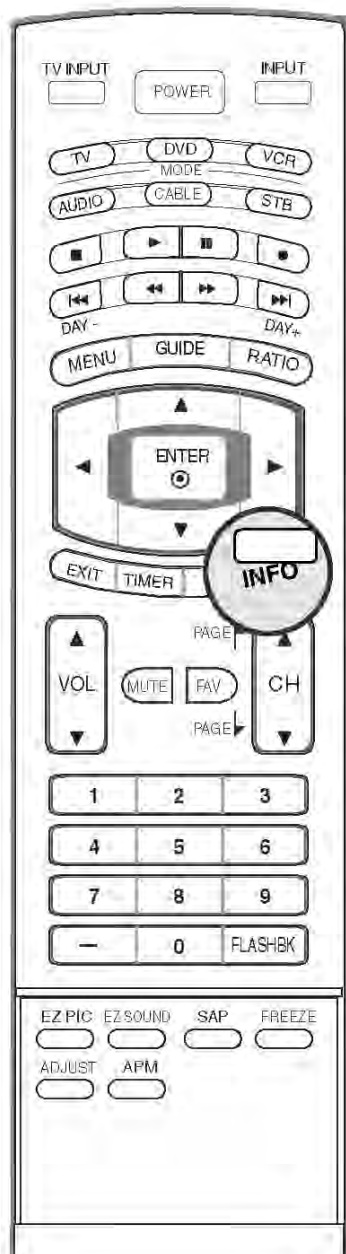


• You can also select **Main Input** in the **SETUP** menu.



- **Antenna**: Select it when watching the TV/DTV.
- **Cable**: Select it when watching the CATV/SATDV.
- **AV 1 / AV 2**: Select it when watching the VCR or external equipment.
- **Component 1-2**: Select it when using the DVD or the Digital set-top box depend on connector.
- **RGB-PC / RGB-DTV**: Select it when using PC or Digital set-top box depend on connector.
- **HDMI / DVI, HDMI2**: Select it when using DVD, PC or Digital set-top box depend on connector.





## Brief Info.

### What is Brief Info?

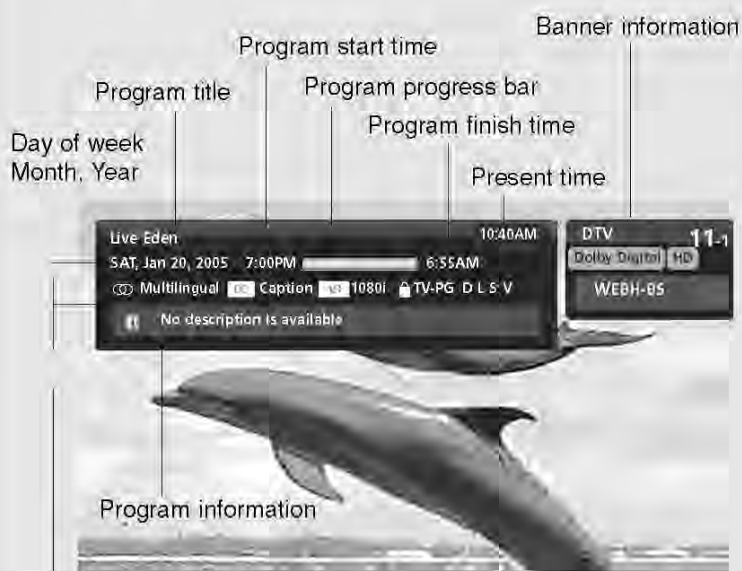
- Brief Info shows the present screen information.
- On Watching with the upper Input signal, press the **INFO** button.



### How to use?

1. Press the **INFO** button to show the Brief Info on the screen.
2. Press the **INFO** button or **EXIT** button to exit.
  - The **INFO** button does not work in Component1, Component2, RGB, HDMI1/DVI and HDMI2 modes.

This function works in the following mode:

- Watching TV/DTV/CATV/CADTV
- Watching AV1, AV2



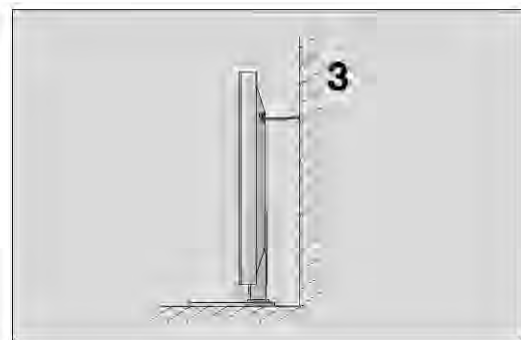
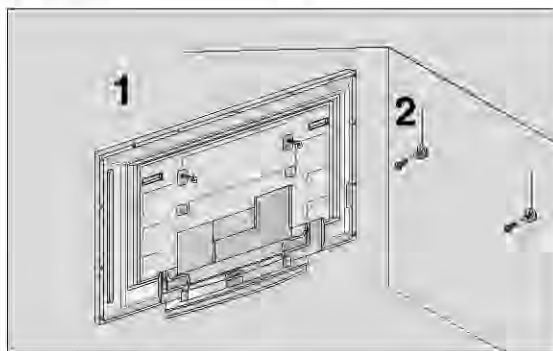
4:3	The original aspect ratio of the video is 4:3
16:9	The original aspect ratio of the video is 16:9 (wide)
480i	The video resolution is 720x480i
480p	The video resolution is 720x480p
720p	The video resolution is 1280x720p
1080i	The video resolution is 1920x1080i
	<b>Multilingual:</b> The program contains two or more audio services. Press the <b>SAP</b> button to select wanted Audio.
	<b>Caption:</b> The program contains one or more caption services. Press the <b>CC</b> button to select wanted Closed caption.
	<b>V-Chip:</b> The program contains V-Chip information. Refer to the <b>LOCK</b> menu: D (Dialogue), L (Language), S (Sex), V (Violence), FV (Fantasy Violence)

# Installation

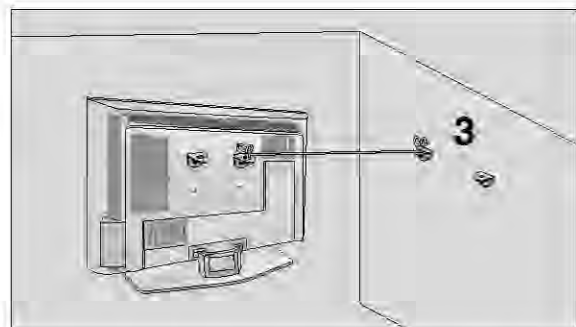
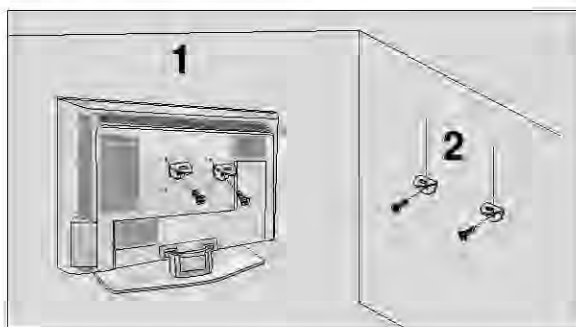
## How to join the product assembly to the wall to protect the set tumbling

- Set it up close to the wall so the product doesn't fall over when it is pushed backwards.
- The instructions shown below is a safer way to set up the product, which is to fix it on the wall so the product doesn't fall over when it is pulled in the forward direction. It will prevent the product from falling forward and hurting people. It will also prevent the product from damage caused by fall. Please make sure that children don't climb on or hang from the product.

### 42PC1DA



### 37LB1D

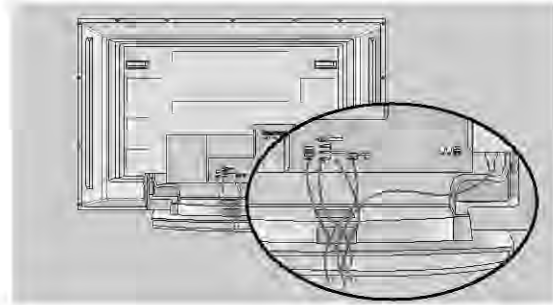


- 1** Use the eye-bolts (or TV brackets and bolts) to fix the product to the wall as shown in the picture.  
\* Insert the eye-bolts and tighten them securely in the upper holes.
- 2** Secure the wall brackets with the bolts (not provided as parts of the product, must purchase separately) on the wall. Match the height of the bracket that is mounted on the wall is same as that of the product.  
Check to be sure the eye-bolts and the brackets are tightened securely.
- 3** Use a sturdy rope (not provided as parts of the product, must purchase separately) to tie the product. It is safer to tie the rope so it becomes horizontal between the wall and the product.

## wires Arrangement

**42PC1DA**

- Run the accessory device wires inside the **CABLE MANAGEMENT** pole as shown.

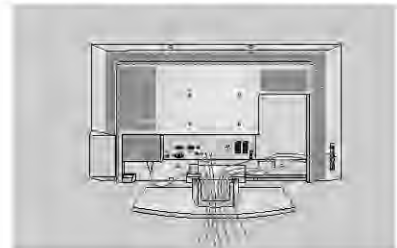
**37LB1D**

- 1** Hold the **CABLE MANAGEMENT** with both hands and pull it backward.

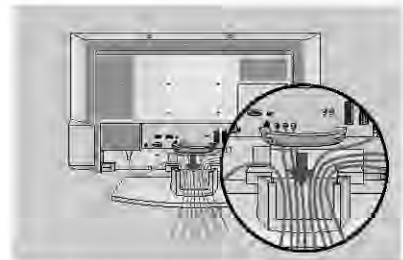


- 2** Connect the cables as necessary. After connecting the cables neatly, arrange the cables to the Cable Holder.

To connect an additional equipment, see the **External equipment Connections** section.



- 3** Install the **CABLE MANAGEMENT** as shown.



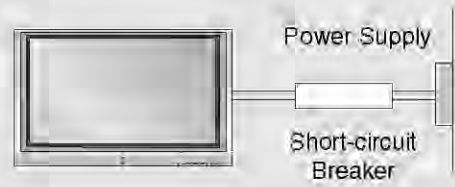
- 3** Bundle the cables using the supplied twister holder.



Do not hold the **CABLE MANAGEMENT** when moving the product.  
- If the product is dropped, you may be injured or the product may be broken.

**GROUNDING**

Ensure that you connect the earth ground wire to prevent possible electric shock. If grounding methods are not possible, have a qualified electrician install a separate circuit breaker. Do not try to ground the unit by connecting it to telephone wires, lightening rods, or gas pipes.



**Desktop Pedestal Installation**

For proper ventilation, allow a clearance of 4" on each side and from the wall.

**42PC1DA**



**37LB1D**



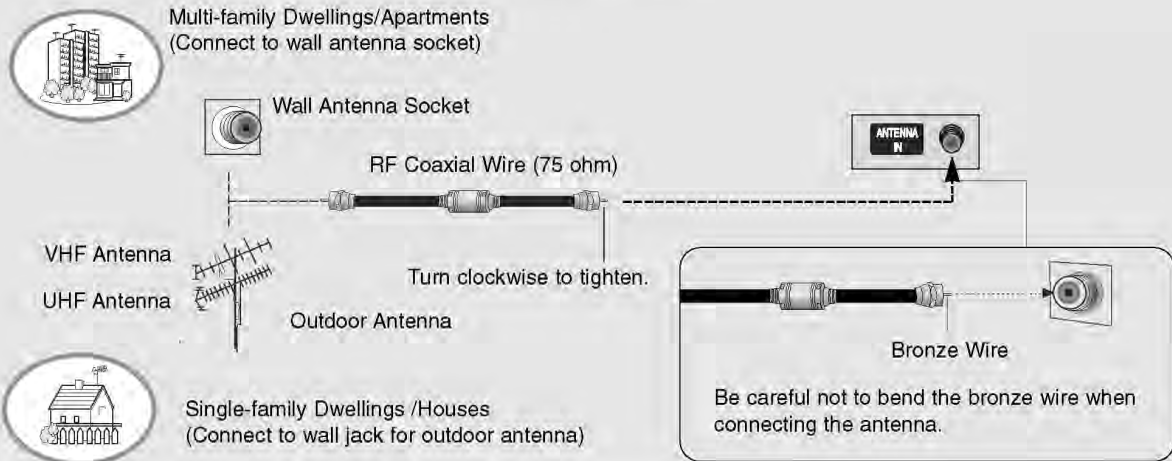
# CONNECTION & SETUP

**NOTE: All cables shown are not included with the TV**

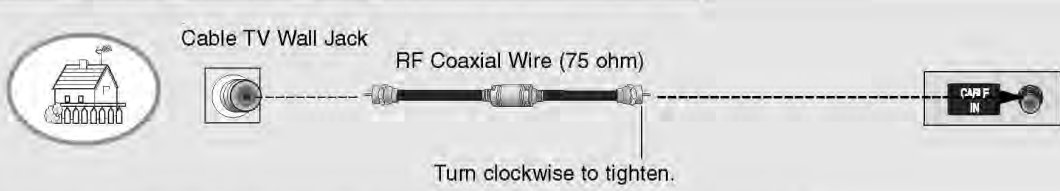
## Antenna or Cable Connection

### Analog and Digital TV signals provided on antenna

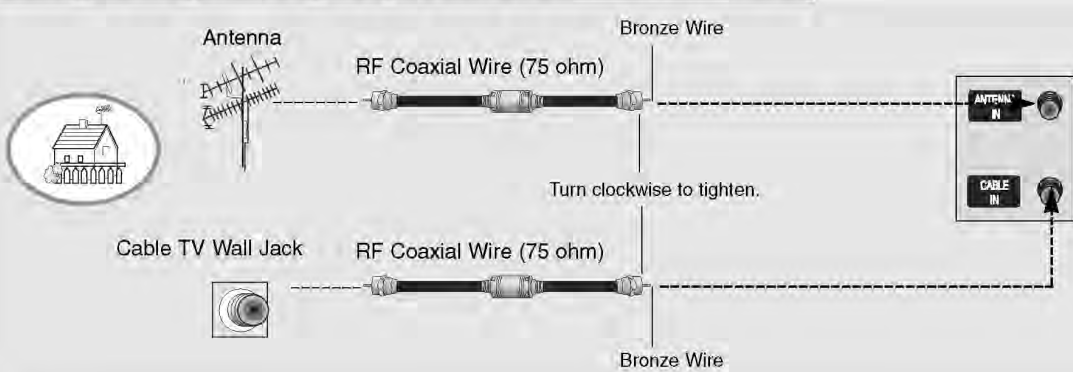
- Antenna or Cable Service without a Cable Box Connection.
- For optimum picture quality, adjust antenna direction if needed.



### Analog and Digital TV signals provided on cable



### Analog and Digital TV signals provided on cable and antenna



ANTENNA IN

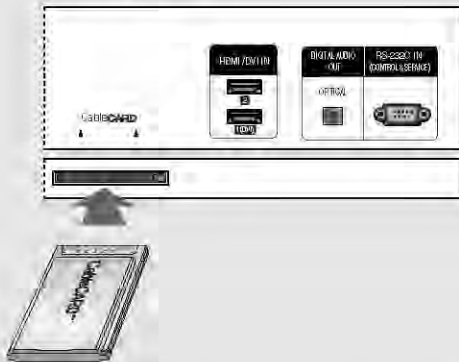
VHF UHF

signal amplifier

- In a poor signal area to improve picture quality, purchase and install a signal amplifier.
- If the antenna needs to be split for two TV's, install a "2-Way Signal Splitter" in the connections.
- If the antenna is not installed properly, contact your dealer for assistance.

## CableCARD™ Setup

### TV Back panel



### - To view the premium stations

Insert the CableCARD™ received from Cable Service provider to **CableCARD** slot of TV as shown. If the pairing information about this TV and the CableCARD is automatically displayed on the screen, contact with Cable service provider by phone.



#### Caution:

When removing the CableCARD™, do not drop it as this may cause damage to the card.



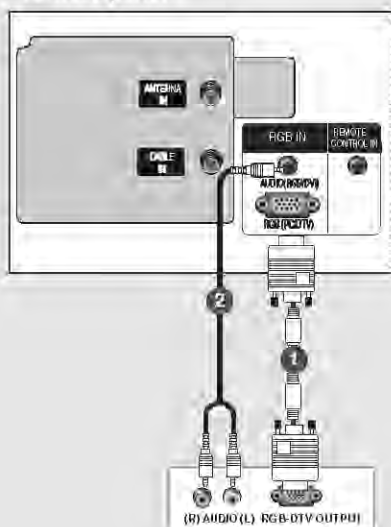
- Different card types can be used with this unit (Motorola, Scientific Atlanta, SCM, etc.).

## HDSTB Setup

- This TV can receive Digital Over-the-air/Cable signals without an external digital set-top box. However, if you do receive Digital signals from a digital set-top box or other digital external device, refer to the figure as shown below.

### When connecting with a D-sub 15 pin cable

#### TV Back panel

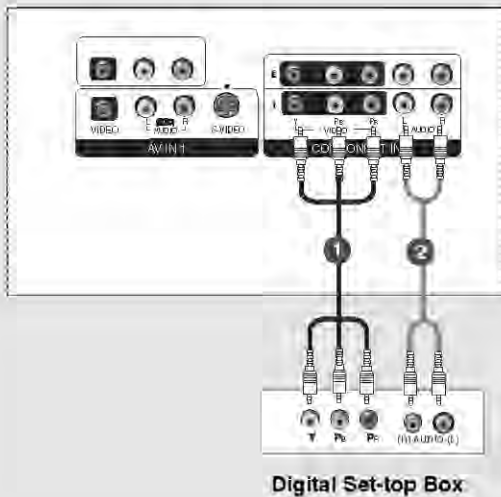


Digital Set-top Box

- 1 Connect the RGB output of the digital set-top box to the **RGB(PC/DTV)** jack on the set.
- 2 Connect the audio outputs of the set-top box to the **AUDIO(RGB/DVI)** jack on the set.
- 3 Turn on the digital set-top box. (Refer to the owner's manual for the digital set-top box.)
- 4 Select **RGB-DTV** input source with using the **INPUT** button on the remote control.

**When connecting with a Component cable**

**TV Back panel**



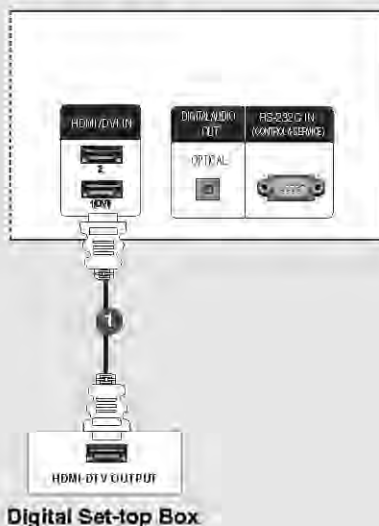
- 1 Connect the video outputs (Y, PB, PR) of the digital set-top box to the **COMPONENT IN VIDEO1** jacks on the set. Match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red)
- 2 Connect the audio output of the digital set-top box to the **COMPONENT IN AUDIO1** jacks on the set.
- 3 Turn on the digital set-top box. (Refer to the owner's manual for the digital set-top box.)
- 4 Select **Component 1** input source with using the **INPUT** button on the remote control.  
- If connected to COMPONENT 2 input, select **Component 2** input source.



Signal	Component1/2	RGB-DTV, HDMI/DVI, HDMI2
480i	Yes	No
480p/720p/1080i	Yes	Yes

**When connecting with a HDMI cable**

**TV Back panel**



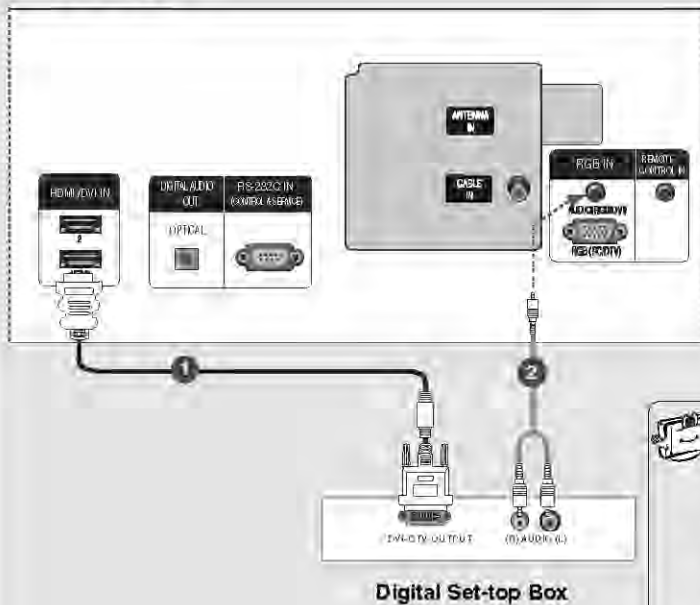
- 1 Connect the HDMI output of the digital set-top box to the **HDMI /DVI IN {1(DVI) or 2}** jack on the set.
- 2 Select **HDMI1/DVI, HDMI2** input source with using the **INPUT** button on the remote control.
- 3 Turn on the digital set-top box. (Refer to the owner's manual for the digital set-top box.)



- TV can receive the video and audio signal simultaneously with using a HDMI cable.
- If the digital set-top box supports Auto HDMI function, output resolution of the digital set-top box will be automatically set to 1280x720p.
- If the digital set-top box does not support Auto HDMI, you need to set the output resolution appropriately. To get the best picture quality, adjust the output resolution of the digital set-top box to 1280x720p.

### When connecting with a HDMI to DVI cable

#### TV Back panel



- 1 Connect the DVI output of the digital set-top box to the **HDMI /DVI IN {1(DVI)}** jack on the set.
- 2 Connect the audio output of the digital set-top box to the **AUDIO(RGB/DVI)** jack on the set.
- 3 Turn on the digital set-top box. (Refer to the owner's manual for the digital set-top box.)
- 4 Select **HDMI1/DVI** input source with using the **INPUT** button on the remote control.



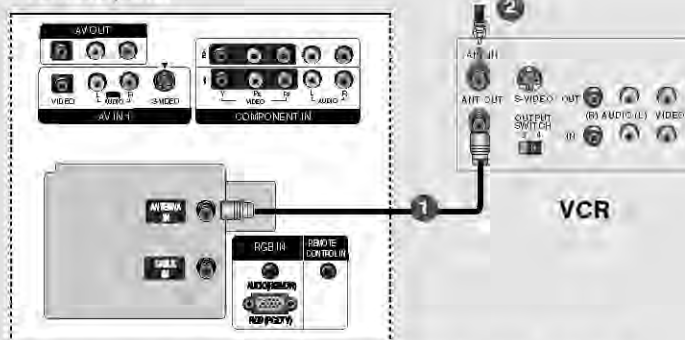
- If the digital set-top box has a DVI output and no HDMI output, a separated audio connection is necessary.
- If the digital set-top box supports Auto DVI function, the output resolution of the digital set-top box will be automatically set to 1280x720p.
- If the digital set-top box does not support Auto DVI, you need to set the output resolution appropriately. To get the best picture quality, adjust the output resolution of the digital set-top box to 1280x720p.

### VCR Setup

- To avoid picture noise (interference), leave an adequate distance between the VCR and TV.
- Typically a frozen still picture from a VCR. If the 4:3 picture format is used; the fixed images on the sides of the screen may remain visible on the screen.

### When connecting with an antenna

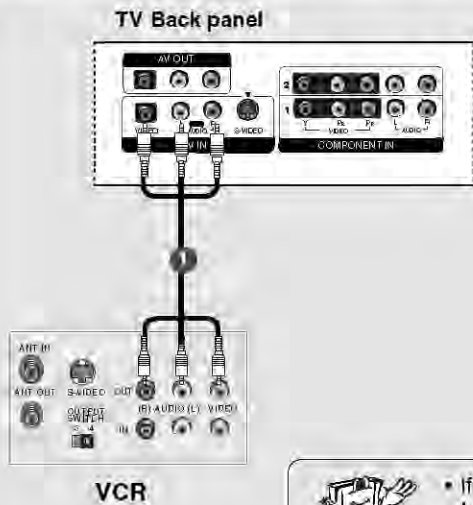
#### TV Back panel




- 1 Connect the RF antenna out socket of the VCR to the **Antenna** socket on the set.
- 2 Connect the antenna cable to the RF antenna in socket of the VCR.
- 3 Set VCR output switch to 3 or 4 and then tune TV to the same channel number.
- 4 Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)



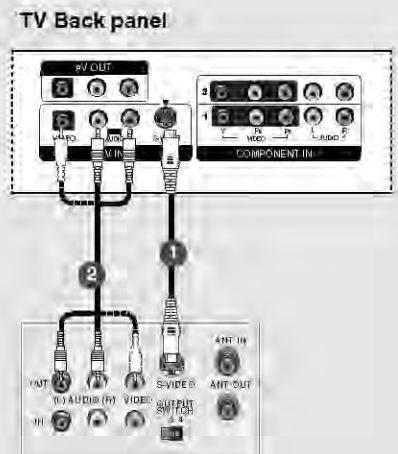
**When connecting with a RCA cable**




- 1 Connect the **AUDIO/VIDEO** jacks between TV and VCR. Match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red)
- 2 Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)
- 3 Select **AV1** input source using the **INPUT** button on the remote control.  
- If connected to **AV2**, select **AV2** input source.

 • If you have a mono VCR, connect the audio cable from the VCR to the **AUDIO L/MONO** jack of the set.

**When connecting with an S-Video cable**

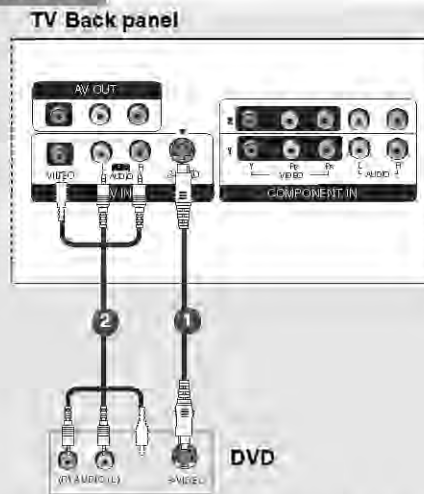


- 1 Connect the S-VIDEO output of the VCR to the **S-VIDEO** input on the set. The picture quality is improved; compared to normal composite (RCA cable) input.
- 2 Connect the audio outputs of the VCR to the **AUDIO** input jacks on the set.
- 3 Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)
- 4 Select **AV1** input source with using the **INPUT** button on the remote control.  
- If connected to **AV2**, select **AV2** input source.

 Do not connect to both Video and S-Video at the same time.

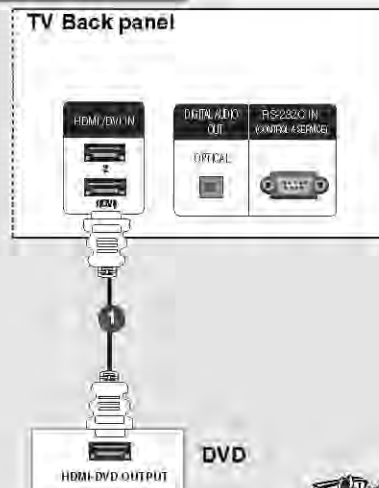
## DVD Setup

### When connecting with a S-Video cable



- 1 Connect the S-VIDEO output of the DVD to the **S-VIDEO** input on the set.
- 2 Connect the audio outputs of the DVD to the **AUDIO** input jacks on the set.
- 3 Turn on the DVD player, insert a DVD.
- 4 Select **AV1** input source with using the **INPUT** button on the remote control.  
- If connected to **AV2**, select **AV 2** input source.
- 5 Refer to the DVD player's manual for operating instructions.

### When connecting with a HDMI cable

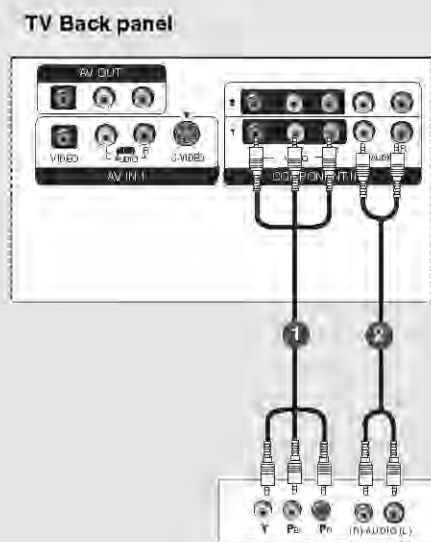


- 1 Connect the HDMI output of the DVD to the **HDMI/DVI IN** jack on the set.
- 2 Select **HDMI1/DVI** or **HDMI2** input source with using the **INPUT** button on the remote control.
- 3 Refer to the DVD player's manual for operating instructions.



- TV can receive the video and audio signal simultaneously with using a HDMI cable.
- If the DVD supports Auto HDMI function, the DVD output resolution will be automatically set to 1280x720p.
- If the DVD does not support Auto HDMI, you need to set the output resolution appropriately. To get the best picture quality, adjust the output resolution of the DVD to 1280x720p.

**When connecting with a component cable**



- 1 Connect the video outputs (Y, P<sub>B</sub>, P<sub>R</sub>) of the DVD to the **COMPONENT1 VIDEO IN** jacks on the set. Match the jack colors (Y = green, P<sub>B</sub> = blue, and P<sub>R</sub> = red).
- 2 Connect the audio outputs of the DVD to the **COMPONENT1 AUDIO IN** jacks on the set.
- 3 Turn on the DVD player, insert a DVD.
- 4 Select **Component 1** input source with using the **INPUT** button on the remote control.  
- If connected to COMPONENT2 input, select **Component 2** input source.
- 5 Refer to the DVD player's manual for operating instructions.

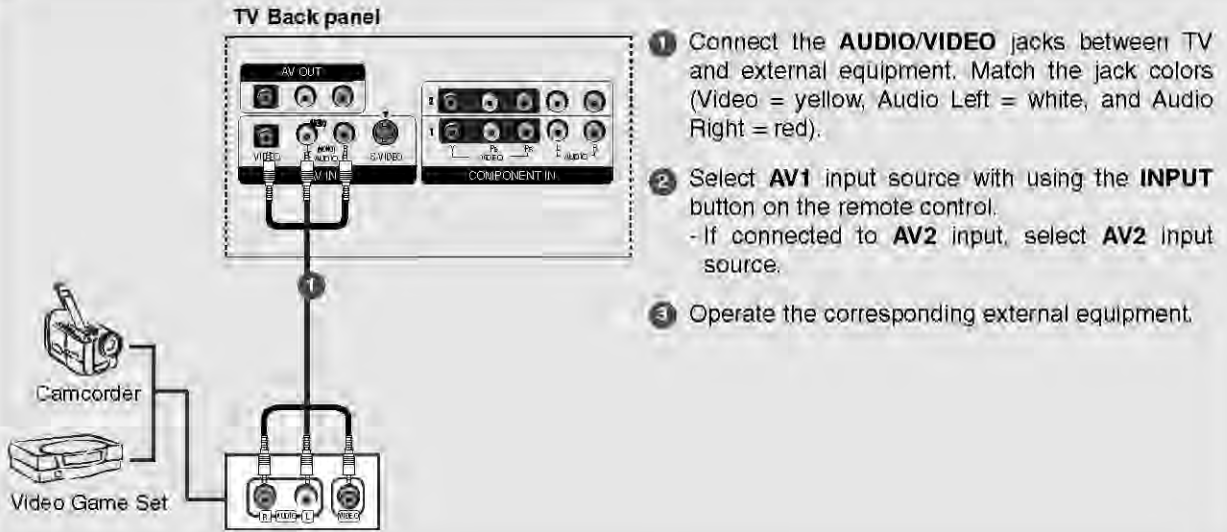


• **Component Input ports**

To get better picture quality, connect a DVD player to the component input ports as shown below

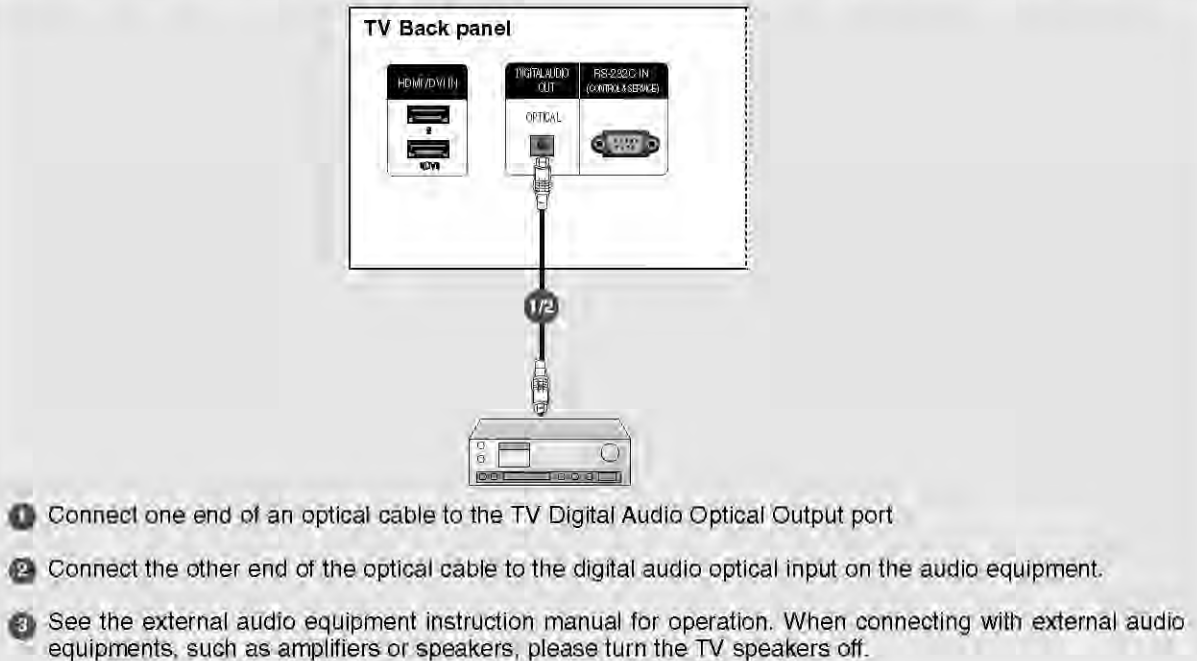
Component ports on the TV	Y	P <sub>B</sub>	P <sub>R</sub>
Video output ports on DVD player	Y	P <sub>b</sub>	P <sub>r</sub>
	Y	B-Y	R-Y
	Y	Cb	Cr
	Y	P <sub>E</sub>	P <sub>R</sub>

## External A/V Source Setup



## Digital Audio Output

- Send the TV's audio to external audio equipment (stereo system) via the Digital Audio Output Optical port.



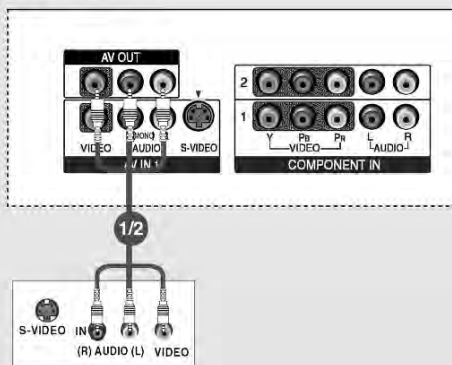
**CAUTION**

Do not look into the optical output port. Looking at the laser beam may damage your vision.

## AV Out Setup

- The TV has a special signal output capability which allows you to hook up a second TV or monitor.

### TV Back panel



- 1 Connect the second TV or monitor to the TV's **AV OUTPUT** jacks.
- 2 See the Operating Manual of the second TV or monitor for further details regarding that device's input settings.



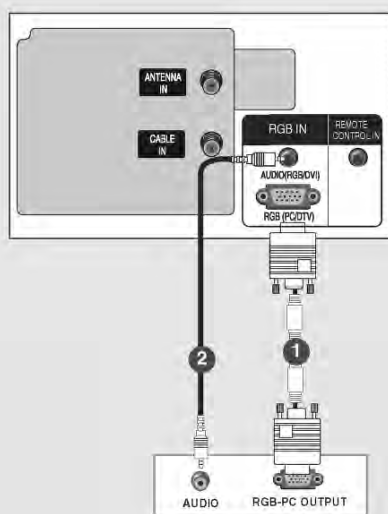
- Component 1-2, RGB-PC/RGB-DTV, HDMI1/DVI, HDMI2, DTV input sources cannot be used for AV out.
- We recommend to use the AV OUT jacks for VCR recording.

## PC Setup

- This TV provides Plug and Play capability, meaning that the PC adjusts automatically to the TV's settings.
- The TV perceives 640x480, 60Hz as DTV 480p based on the PC graphic card, change the screen scanning rate for the graphic card accordingly.

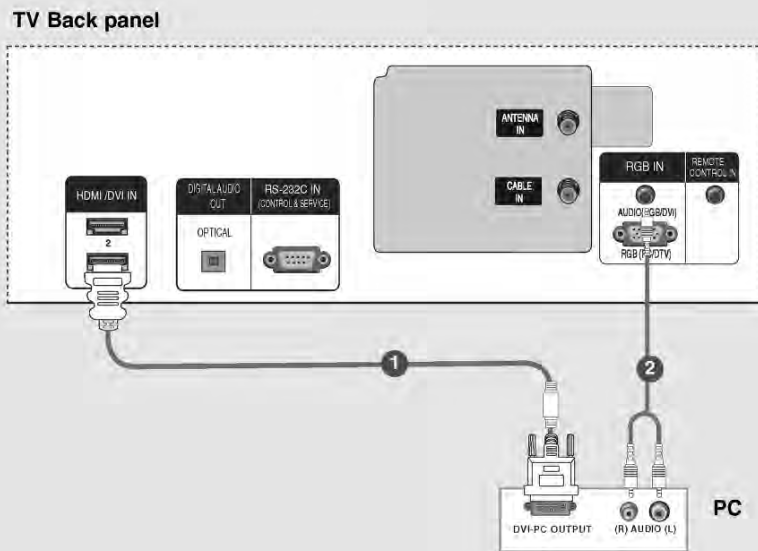
### When connecting with a D-sub 15 pin cable

#### TV Back panel



- 1 Connect the RGB output of the PC to the **RGB (PC/DTV)** jack on the set.
- 2 Connect the PC audio output to the **AUDIO (RGB/DVI)** jack on the set.
- 3 Turn on the PC and the set.
- 4 Select **RGB-PC** input source with using the **INPUT** button on the remote control.

When connecting with a HDMI to DVI cable



- 1 Connect the DVI output of the PC to the **HDMI/DVI IN{1(DVI)}** jack on the set.
- 2 Connect the PC audio output to the **AUDIO(RGB/DVI)** jack on the set.
- 3 Turn on the PC and the set.
- 4 Select **HDMI1/DVI** input source with using the **INPUT** button on the remote control.



- HDMI2 source does not support DVI source.
- If the PC has a DVI output and no HDMI output, a separated audio connection is necessary.
- If the PC does not support Auto DVI, you need to set the output resolution appropriately. To get the best picture quality, adjust the output resolution of PC graphics card's output resolution to 1024x768, 60Hz.



1. To get the best picture quality, adjust the PC graphics card to 1024x768, 60Hz.
2. Depending on the graphics card, DOS mode may not work if a HDMI to DVI Cable is in use.
3. When Source Devices connected with HDMI/DVI Input, output PC Resolution (VGA, SVGA, XGA), Position and Size may not fit to Screen. Press the ADJUST button to adjust the screen Position of TV SET and contact an PC graphics card service center.
4. When Source Devices connected with HDMI/DVI Input, output TV SET Resolution (480p, 720p, 1080i) and TV SET Display fit EIA/CEA-861-B Specification to Screen. If not, refer to the Manual of HDMI/DVI Source Devices or contact your service center.
5. In case HDMI/DVI Source Devices is not connected Cable or poor cable connection, "NO SIGNAL" OSD display in HDMI/DVI Input. In case that Video Resolution is not supported TV SET output in HDMI/DVI Source Devices, "INVALID FORMAT" OSD display. Refer to the Manual of HDMI1/DVI Source Devices or contact your service center.
6. Check the image on your TV. There may be noise associated with the resolution, vertical pattern, contrast or brightness in PC, HDMI/DVI mode. If noise is present, change the PC or HDMI/DVI mode to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the menu until the picture is clear. If the refresh rate of the PC graphic card can not be changed, change the PC graphic card or consult the manufacturer of the PC graphic card.
7. Avoid keeping a fixed image on the TV's screen for a long period of time. The fixed image may become permanently imprinted on the screen.
8. The synchronization input form for Horizontal and Vertical frequencies is separate.

#### Supported Display Resolution (RGB / HDMI-PC)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)	Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
640x350	31.468	70.09	800x600	35.156	56.25
720x400	31.469	70.08		37.879	60.31
	31.469	59.94		48.077	72.18
640x480	37.861	72.80		46.875	75.00
	37.500	75.00		48.363	60.00
1280x768	47.776	59.870	1024x768	56.476	70.06
1360x768	47.720	59.799		60.023	75.02

\* RGB-PC only

#### Supported Display Resolution (RGB / HDMI-DTV )

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
720x480	31.47	60
	31.47	59.94
1280x720	45.00	60.00
	44.96	59.94
1920x1080	33.75	60.00
	33.72	59.94

### Screen Setup for PC mode

- When RGB connect to PC output and select the RGB-PC in Main Input, this function is used.
- When HDMI/DVI connect to PC output and select HDMI/DVI input, this function is used.
- In RGB-DTV mode, SIZE and PHASE is not available.

#### \* Adjustment for screen Position, Size, and Phase



- 1 Press the **ADJUST** button and then use **▲ / ▼** button to select **Position, Size, or Phase**.
- 2 Press **ENTER** button and then use **▲ / ▼ / ◀ / ▶** buttons to make appropriate adjustments.
  - The **Phase** adjustment range is -16 ~ +16.
  - The **Size** adjustment range is -30 ~ +30.
- 3 Press **ENTER** button.

#### \* Initializing (Reset to original factory values)

- To initialize the adjusted values



- 1 Press the **ADJUST** button and then use **▲ / ▼** button to select the **Reset** option.
- 2 Press **ENTER** button and then use **◀ / ▶** button to select **Yes**.
- 3 Press **ENTER** button.

#### Mini Glossary

Position	This function is to adjust picture to left/right and up/down as you prefer.
Size	This function is to minimize any vertical bars or stripes visible on the screen background. And the horizontal screen size will also change.
Phase	This function allows you to remove any horizontal noise and clear or sharpen the image of characters. In HDMI/DVI-PC mode, PHASE is not available.



# Operation

## Basic operation

### Turning on the TV

1. First, connect power cord correctly. At this moment, the TV switches to standby mode.

In standby mode to turn TV on, press the **ON/OFF** (or **ON/OFF**), **INPUT**, **CH ▲ / ▼** button on the TV or press the **POWER**, **INPUT**, **CH ▲ / ▼**, Number (0 – 9) button on the remote control.

2. Select the viewing source by using **INPUT** button on the remote control.

This TV is programmed to remember which power state it was last set to, even if the power cord is out.

3. When finished using the TV, press the **POWER** button on the remote control. The TV reverts to standby mode.



- If you intend to be away on vacation, disconnect the power plug from the wall power outlet.
- After turning on the TV, it will take up to a week for the TV Guide On-Screen system to receive full listings data.
- When the TV is turned On, the TV Guide On-Screen system is automatically displayed. The screen may be slightly delayed if the TV was unplugged and then powered on.
- The indicator will illuminate red for about 15 seconds before the power is turned on.

### On Screen Menus Language Selection

- The menus can be shown on the screen in the selected language. First select your language.



- 1 Press the **MENU** button and then use **▲ / ▼** button to select the **OPTION** menu.
- 2 Press the **▶** button and then use **▲ / ▼** button to select **Language**.
- 3 Press the **▶** button and then use **▲ / ▼** button to select your desired language. From this point on, the on-screen menus will be shown in the selected language.
- 4 Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.

## Initial Channel Search (EZ Scan)

- Automatically finds all channels available through antenna or cable inputs, and stores them in memory on the channel list.
- Run EZ Scan after any Antenna/Cable connection changes.
- A password is required to gain access to EZ Scan menu if the Lock System is turned on.



1. Press the **MENU** button and then use **▲ / ▼** button to select the **SETUP** menu.
2. Press the **▶** button and then use **▲ / ▼** button to select **EZ Scan**.
3. Press the **ENTER** button to begin the channel search.  
Allow EZ Scan to complete the channel search cycle for ANTENNA, and CABLE.

## Volume Adjustment

1. Press the **VOL ▲ / ▼** button to adjust the volume.
2. If you want to switch the sound off, press the **MUTE** button.
3. You can cancel this function by pressing the **MUTE** or **VOL ▲ / ▼** button.

## Channel Selection

Press the **CH ▲ / ▼** or **NUMBER** buttons to select a channel number.

# TV Guide On Screen™ System



## TV Guide On Screen™ System Setup

### Ready to setup

#### 1 Welcome Screen

The TV Guide On Screen system's Welcome Screen appears:

- By pressing the **TV GUIDE** button.
- When you power on your TV if you previously skipped "Set up TV Guide On Screen now" on the Reminder Screen.

The Welcome Screen highlights features of the TV Guide On Screen system.  
Press **ENTER** button to begin Setup.



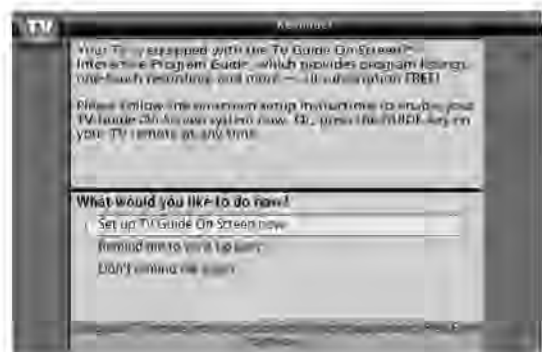
#### 2 Reminder Screen

The TV Guide On Screen system's Reminder Screen appears:

- After initial TV set up.
- If you power Off the TV and then power it back On.

To make a selection, use the **▲ / ▼** button to highlight an option, and press **ENTER** button.

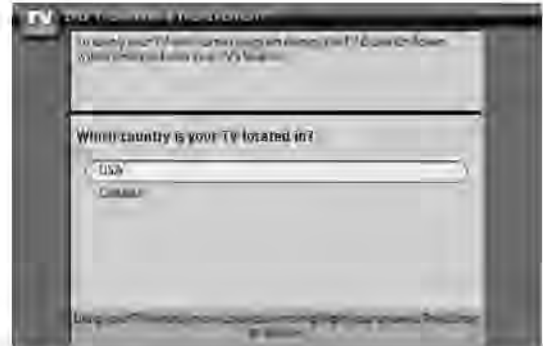
- "Set up TV Guide On Screen now", displays the Welcome Screen. Press **ENTER** button to begin Setup.
- "Remind me to set up later" returns you to watching TV.
- "Don't remind me again" returns you to watching TV and stops the reminder screen from appearing upon power On.



## How to use

### 1 Screen 1: Country

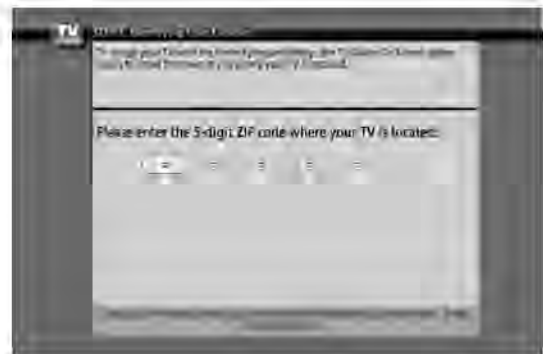
- This screen asks you the location of your TV.
- Use the ▲ / ▼ button to highlight a country.
- Press **ENTER** button to display Screen 2.



### 2 Screen 2: Enter ZIP or Postal Code

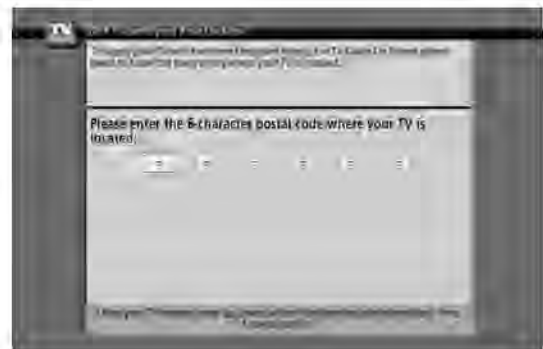
#### Option 1

- If you selected USA in Screen 1, you can see the ZIP Code screen.
- You input numbers by either pressing the number keys on the remote or using the ▲ / ▼ button to display a number, and then the ◀ / ▶ button to move to another field.
- Press **ENTER** button to display Screen 3.



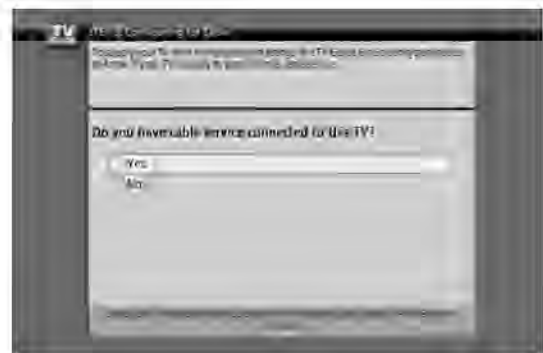
#### Option 2

- If you selected Canada in Screen 1, you can see the Postal Code screen.
- You input characters by using the ▲ / ▼ button, and then the ◀ / ▶ button to move to another field.
- Press **ENTER** button to display Screen 3.



### 3 Screen 3: Do you have Cable Service connected?

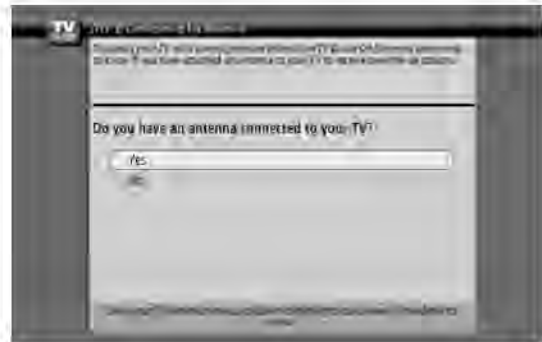
- If you select Yes, you can see Screen 4.
- If you select No, you can see Screen 4.



#### 4 Screen 4: Do you have an antenna connected?

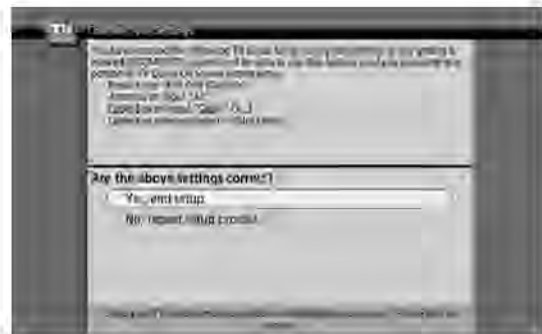
- If you select Yes, you can see Screen 5.

- If you selected No in Screen 3 then you must select Yes in this screen to receive a channel lineup and listings.  
- If you select No, you can see Screen 5.



#### 5 Screen 5: Are your basic settings correct?

- If you select Yes, you can see Screen 6.
- If you select No, you can see Screen 1.



#### 6 Screen 6: Congratulations

- Press **ENTER** button to display Screen 7.



#### 7 Screen 7: Helpful Information

- This screen tells you valuable information on using your Guide.
- Press **ENTER** button to watch TV.



- The TV Guide On Screen system receives program listings data through your cable or over-the-air video signal. In order to receive regular program listings, please remember to do the following:
  1. Turn OFF your TV when it is not in use. (Do not unplug the power cord.)
  2. If you have more than one Cable system in your area, you may be prompted to select which Cable system's program data to download. If so prompted, please follow the on-screen instructions.
- Program listings are updated several times a day. It may take up to 24 hours to begin to receive any TV program listings. It may take up to one week to receive all eight days of TV program listings.

## TV Guide On Screen™ System Feature

- Your new TV contains the TV Guide On Screen Interactive Program Guide.
- The TV Guide On Screen system has features that help you get the most out of your viewing experience.

### TV Guide On Screen Overview

- The TV Guide On Screen system has the following features:
  - Eight days of show listings (today plus seven days).
  - Icons that indicate show rating, stereo, HDTV, new episode, etc.
  - Intuitive up/down/left/right navigation using your remote control.
  - Set shows to Record.
  - Schedule show Reminders.
  - Search shows by category (e.g., Movies, Sports, Children, etc.).
  - Search for shows based on keywords or alphabetically by title.
  - Direct tuning to a channel.
  - Streamlined System Setup and default setting options.
  - Channel lineup customization.
  - Help screens while in the TV Guide On Screen system.

### Screen Components

- The screens displayed in the TV Guide On Screen system share many of the same components, as shown in the following figure:



- **Video Window**- Displays TV video while The Guide On Screen system is displayed.
- **Service Bar**- Provides access to the 5 main Guide Services.
- **Current Service Label**- Indented to indicate current Service displayed.
- **Tile**- Displays show title.
- **Highlight**- Indicates an active tile.
- **INFO Box**- Provides information for a highlighted item.
- **INFO Button**- Indicates you can cycles through the various Info Box sizes.
- **Channel Logo**- Identifies network.
- **Record/Remind Icons**- Indicates a show is set to Record or set as a Reminder.
- **Panel Ad**- Location where show- or product-specific information appears (and also where Panel Menu appears).

## Panel Menu



- A Panel Menu appears when the **MENU** button is pressed on a highlighted tile and additional options are available. It also appears when you press **ENTER** button on a show starting in the future.
- When a Panel Menu appears, the highlighted tile changes color to indicate the Panel Menu relates to this tile.
- The Panel Menu displays below the Video Window.
- Help is available for a displayed Panel Menu by pressing the **INFO** button.
- The ▲ / ▼ button move between the options within the Panel Menu.
- The left and right arrows move to adjacent options unless the highlight is on an odometer, where these arrows change the odometer choice.
- Pressing **ENTER** button from an odometer or number entry box moves the highlight to the default command button of that Panel Menu, for example, Schedule Reminder.
- Pressing **ENTER** button from a highlighted command button executes the action and closes the Panel Menu (e.g., Schedule Reminder, Cancel).
- Select Cancel to cancel any changes and press **ENTER** button to close this menu.
- Pressing Menu is a shortcut to Cancel. Press **MENU** button to cancel any changes and close the menu.
- If a Panel Menu contains more menu options than can be displayed on a single screen, the ▲ / ▼ button appear at the top or bottom of a menu. Simply scroll down to access these options.

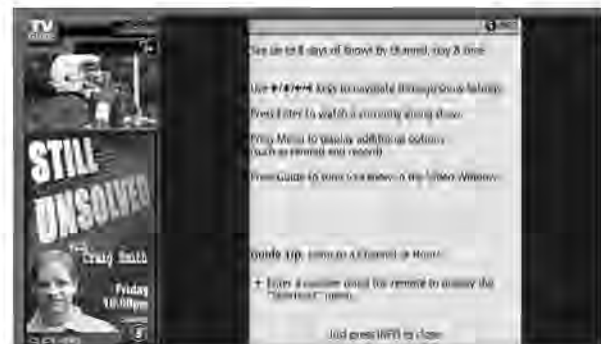
## Main Services

### Listings

- Access Listings by pressing the **TV GUIDE** button on your remote or on the front panel of your TV.
- Listings is always the first Service displayed in the Guide.
- With Listings highlighted, press the **INFO** button to display a Help screen. Press the **INFO** button again to close the screen.

Use the ▲ / ▼ / ◀ / ▶ button to move the highlight within Listings to:

- View 8 days of show listings
- Read show descriptions
- Tune directly to a show currently airing
- Set a show to Remind
- Set a show to Record
- Lock and unlock the Video Window
- Access Panel and Channel Ads



- There may be times when the TV Guide On Screen system could display partial or no program listings. The reasons for this include:

1. Program schedule information was not provided to TV Guide On Screen.
2. The transmission of the program listings was interrupted.
3. The phrase "No Listings" will be replaced with program information during the next transmission, which should occur within the next 24 hours.
4. Please remember to turn off your TV when not in use in order to receive program listings.



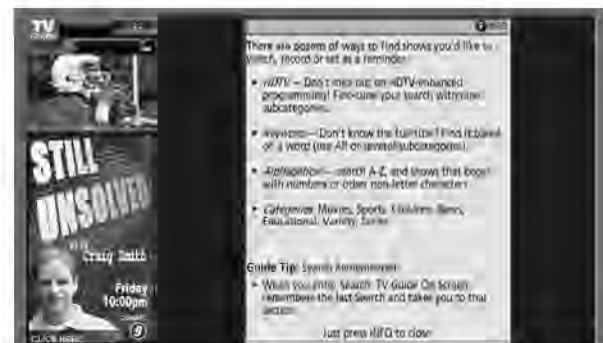


## Search

- Search lets you find shows by category (Alphabetical, Movies, Sports, Children, Educational, News, Variety, Series, HDTV) or by Keyword.
- With Search highlighted, press the **INFO** button to display a Help screen. Press the **INFO** button again to close the screen.

### • Category Search Example: Movies

1. From Search, use the ▼ button to highlight Movies.



2. Use the ▼ button to highlight a subcategory (for example, All).
3. Press **ENTER** button to display a list of all Movies, organized by date and time.



4. Highlight a show and press **ENTER** button to watch (if on now) or the **MENU** button to display the Episode Options menu.



You can choose to set a recording, a reminder, or tune to the channel.

**Go to Service Bar**- Closes the menu, changes no information, and returns to the Search Service Bar.

**Tune to Channel**- Exits the Guide and tunes to the channel of the highlighted show (show airs in the future). \* Note: This option reads Watch Now if the show is currently airing.

**Set Recording**- Displays the Record Options menu, from which you can set frequency, start and end time, etc.

**Set Reminder**- Displays the Remind Options menu, from which you can set frequency, when, automatically power On, and auto-tune the TV.

**Cancel**- Closes the menu, changes no information, and returns to the highlighted show.



### • Keyword Search

- Keyword search lets you enter a word(s) to look for a particular show by category or for every show title that matches.

1. Highlight the Keyword navigation label, and press **ENTER** button to display the Keyword Search menu.



2. Highlight New Search, and press **ENTER** button.



3. The Search Options menu is displayed.

4. Highlight Category, and use the ◀ / ▶ button to select a category to search (e.g. All, HDTV, Children, Sports, etc.) When finished, use the ▼ button to highlight Enter Keyword.



5. Highlight Enter Keyword, and press **ENTER** button. Then the keyboard is displayed.

6. Use the ▲ / ▼ / ◀ / ▶ button to highlight a character, and press **ENTER** button to display it. When complete, highlight Done and press **ENTER** button.



7. A list of all matching shows for that keyword is displayed.

You can highlight a show, and press **ENTER** button to display all airings. You can then highlight a specific listing and press **ENTER** button to watch (if On now) or the **MENU** button to display the Episode Options menu.

From the Episode Options menu, choose to set a recording, a reminder, or tune to the channel, as previously described.



The TV Guide On Screen system stores all the keywords you create. To edit or delete a keyword, highlight the keyword and press the **MENU** button. A Search Options menu is displayed.

**Go to Service Bar**- Closes the menu, changes no information, and returns to the Search Service Bar.

**Edit Search**- Displays the keyboard, where you can change the keyword.

**Delete Search**- A Confirm menu is displayed.

- Yes- Deletes the Search.
- No- Closes the panel menu.

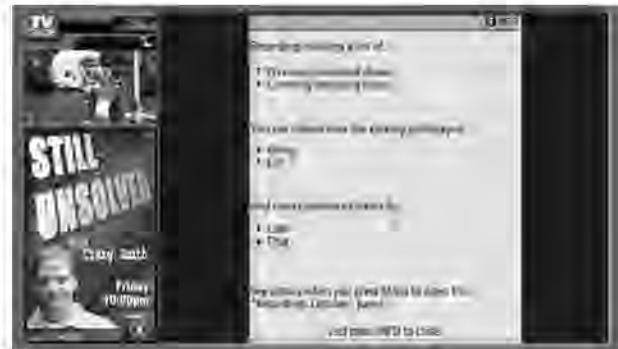
**Cancel**- Closes the menu, changes no information, and returns to the highlighted show.



## Recordings

Recordings displays a list of previously recorded or currently recording shows on a DVR.

With Recordings highlighted, press the **INFO** button to display a Help screen. Press the **INFO** button again to close the screen.



Choose the way Recordings are displayed by highlighting Recordings on the Service Bar and then press the **MENU** button to display the Recordings Options menu. Use the **▲ / ▼** buttons to choose between the following:

- In View As, use the **◀ / ▶** buttons to choose between
  - ◆ Group - Recorded shows are listed without listing every recorded episode (see example in Screen A).
  - ◆ List - Displays a complete list of every recorded episode for a show (see example in Screen B).
- In Sort By, use the **◀ / ▶** buttons to choose between
  - ◆ Title - Shows are displayed in alphabetical order (see example in Screen A).
  - ◆ Date - Shows are displayed by date and time, with most recent date and time first (see example in Screen B).



When finished, press **ENTER** button to highlight Done. Press **ENTER** button again to close the menu and display the Recordings with the selected options.

In List View, highlight an episode and an Info box provides show information. Press the **MENU** button to display the Episode Options menu.

In Group View, highlight a show and press **ENTER** button to view a summary for the all the recorded shows along with the episode list (press **ENTER** button again to collapse the episode list).

Highlight a specific episode and press the **MENU** button to display the Episode Options menu.



To view an episode, you can do one of the following:

- ◆ Highlight an episode, and press **ENTER** button to view it now.
  - ◆ Go to Service Bar - Close the menu, changes no information, and returns to the Schedule Service Bar.
  - ◆ Play from beginning - View the episode from the beginning in TV Mode.
  - ◆ Delete Episode - Deletes the episode from the Recordings, A Confirm menu is displayed.
    - ◆ Yes - Deletes the episode.
    - ◆ No - Closes the panel menu.
  - ◆ Cancel - Closes the menu, changes no information, and returns to the highlighted show.



### Schedule

- Schedule lets you review, edit, or delete Record and Remind events that you set previously.
- With Schedule highlighted, press the **INFO** button to display a Help screen. Press the **INFO** button again to close the screen.
- An icon identifies the event type:



### Record

Once	Records the show one time.
Regularly	Records the show every time the show airs on the same channel and starts at the same time.
Weekly	Records the show each time the show airs on the same day of the week, on the same channel and starts at the same time.
Off	Keeps the show in the list but will not records this show until the frequency is changed.



### Remind

Once	Sets a show reminder one time.
Regularly	Sets a show reminder every time the show airs on the same channel and starts at the same time.
Weekly	Sets a show reminder each time the show airs on the same day of the week, on the same channel and starts at the same time.
Off	Keeps the show in the list but will not reminds this show until the frequency is changed.



Highlight an event, and press the **MENU** button for options.

**Go to Service Bar**- Closes the menu, changes no information, and returns to the Schedule Service Bar.

**Tune to channel**- Exits the TV Guide On Screen system and tunes to the highlighted show.

**Delete Recording**- Removes the recording from the Schedule after a Confirm screen.

**Edit Recording**- Opens a menu from which you can change existing recording information.

**Set Reminder**- Opens a menu from which you can set a Reminder for the show. (Record is not cancelled)

**Cancel**- Closes the menu, changes no information, and returns to the highlighted show.



## Setup

- After you initially complete Guide Setup, you can make changes to Guide settings in the following areas:

- **Change System Settings**
- **Change Channel Display**
- **Change Default Options**

Highlight a choice, press **ENTER** button, and follow the on-screen instructions.

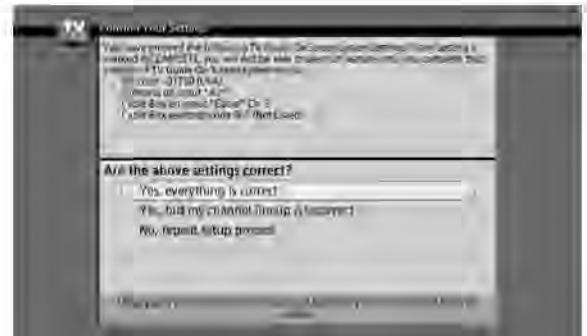
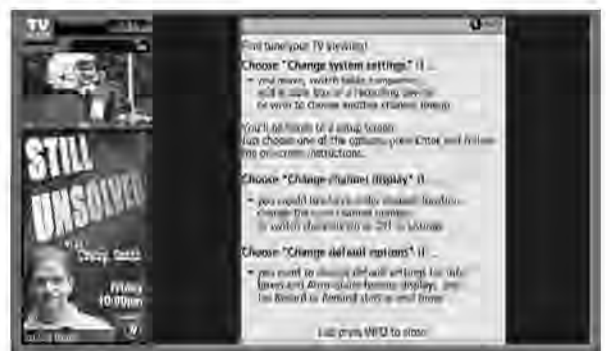
With Setup highlighted, press the **INFO** button to display a Help screen. Press the **INFO** button again to close the screen.

### • **Change System Settings**

This option appears after you have completed the initial Guide Setup process.

Press **ENTER** button to display the Confirming Your Settings screen. You can see your current settings.

Choose one of the options, press **ENTER** button, and follow the on-screen instructions.





### • **Change Channel Display**

Change Channel Display lets you edit channel information that appears in Listings. With Change Channel Display you can :

- Re-order the position of the channel in Listings.
- Change the tune channel number.
- Switch a channel.
  - On - The channel is always displayed.
  - Off - The channel is never displayed.
  - Auto-Hide - The channel is only displayed when program information is available.



Press **ENTER** button to display the Channel Editor screen.

Then, highlight a channel and press **MENU** button. A Grid Options menu is displayed.

Highlight Go Back to Setup to close the menu, change no information, and return to the Setup Service Bar.

Or make changes and when finished, press **ENTER** button to highlight Done. Press **ENTER** button again to close the menu and accept the changes.

Highlight Cancel to close the menu, change no information, and return to the highlighted channel.



• **Change Default Options**

Change Default Options lets you change default settings in the following categories:

- 1) General Defaults
- 2) Record Defaults
- 3) Remind Defaults

Highlight Change Default Options, and press **ENTER** button.



1) **General Defaults**

General Default Options lets you set defaults for the following:

- The initial Info Box size when the TV Guide On Screen system is entered. Choices are No, Small, Large, and Last Used. (Default = Last Used)
- The Info Box size rotation when the **INFO** button is pressed while in the TV Guide On Screen system. Choices are No only, Small only, Large only, No & Small, No & Large, Small & Large, All. (Default = All)
- Automatic entry into the TV Guide On Screen system (Auto-Guide) when the TV is powered On. Choices are On and Off. (Default = On)

Highlight General Defaults, and press the **MENU** button to display the General Default Options menu.

Highlight Go to Service Bar to close the menu, change no information, and return to the Setup Service Bar.

When finished, press **ENTER** button to highlight Done. Press **ENTER** button again to close the menu and accept the changes.

Highlight Cancel to close the menu, change no information, and return to the highlighted option.



## 2) Record Defaults

Record Default Options lets you set defaults for the following:

- When to start the record event. Choices are 120 minutes early to 120 minutes late, to On time. (Default = On time)
- When to end the record event. Choices are 120 minutes early to 120 minutes late, to On time. (Default = On time)
- Recorder choice: Please choose the HDD only. This TV does not provide other devices with a recording feature.

Highlight Record Defaults, and press the **MENU** button to display the Record Default Options menu.

Highlight Go to Service Bar to close the menu, change no information, and return to the Setup Service Bar.



## 3) Remind Defaults

Remind Default Options lets you set defaults for the following:

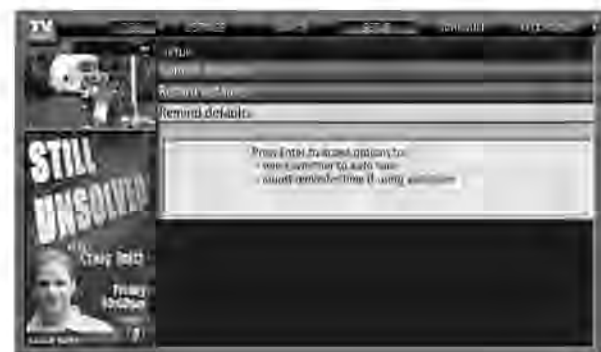
- Power On the TV, if Off, when a Reminder is scheduled. Choices are Yes and No. (Default = No)
- Automatically tune the TV to the channel (TV must be On), when a Reminder is scheduled. Choices are Yes and No. (Default = No)
- When to display the reminder screen, choices are 30 seconds to 15 minutes early, to 30 seconds to 15 minutes late, to On time. (Default = 1 min early)

Highlight Remind Defaults, and press the **MENU** button to display the Remind Default Options menu.

Highlight Go to Service Bar to close the menu, change no information, and return to the Setup Service Bar.

When finished, press **ENTER** button to highlight Done. Press **ENTER** button again to close the menu and accept the changes.

Highlight Cancel to close the menu, change no information, and return to the highlighted option.



## Record And Remind Features

### Record

You can set a show to Record in Listings, Search, and Schedule or change Record settings for a show in Schedule. There are 3 ways to set a show to Record:

#### 1) Using the Record Button on the Remote

- Press the **Record** button on the remote to record the show Once with current default settings (Start and End recording On Time). Each time you press the **Record** button, you can change the record frequency (but not the default settings) among Once (default), Regularly, Weekly and then Cancel.

\* **Note:** The proper Record icon appears on the show file, as the **RECORD** button is pressed.

<b>Once</b> 	Records the show one time.
<b>Regularly</b> 	Records the show every time the show airs on the same channel and starts at the same time.
<b>Weekly</b> 	Records the show each time the show airs on the same day of the week, on the same channel and starts at the same time.
<b>Cancel</b> (no icon displayed)	Does not record.

#### 2) From a Panel Menu

- Highlight a show, and press **MENU** button to display the Episode Options menu.
- Highlight Set Recording, and press **ENTER** button to display the Record Options menu.
- Highlight the Frequency option, and use the left and right arrows to choose among Once, Regularly, Weekly, and Off, as previously described.
- Recorder choice: Please choose the HDD only. This TV does not provide other devices with a recording feature.

\* **Note:** Video Window Lock is operated to on or off using **PIP** button in Listings mode.

