



User's Manual



**HDTV**  
**HDMI™ x 3**

High Definition 720P  
**GVC3200LED**

# Caution and Warning



## CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN



**Caution: To reduce the risk of electric shock, do not remove cover or back. No user-serviceable parts inside. Refer servicing 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 enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



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 TV.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

**CAUTION: CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE WITH THE FCC RULES COULD AVOID THE USERS AUTHORITY TO OPERATE THIS EQUIPMENT.**

## FCC Caution

FCC Caution:

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: 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.

# Safety Precautions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water. For example, do not use near a laundry tub, in a wet basement, or near a swimming pool, and the like.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Slots and openings in the cabinet back or bottom are provided for ventilation, to ensure reliable operation of the TV and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the TV on a bed, sofa, rug, or other similar surface.
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. If 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 attachments/accessories specified by the manufacturer.
12. Use only with 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. A TV and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the TV and cart combination to overturn.
13. Unplug this apparatus during lightning storms or when unused for long periods of time. For added protection for this TV receiver during a lightning storm, or when it is left unused for long periods of time, unplug it from the wall outlet and disconnect antenna or cable system. This will prevent damage to the TV due to lightning and power line surges.
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.
15. This TV should be operated only from the type of power supply indicated on the rating label. If customer is not sure the type of power supply in your home, consult your appliance dealer or local power company. For TV remote control battery power, refer to the operating instructions.
16. The TV set shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the TV set.
17. Never push objects of any kind into this TV through openings as they may touch dangerous voltage or other electrical parts that could result in fire or electric shock. Never spill liquid of any kind into the TV.
18. Unplug the TV from the wall outlet before cleaning. Do not use liquid or aero cleaners. Use a damp cloth for cleaning.
19. This TV should never be placed near or over a radiator or heat resource. This TV should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
20. Do not place this TV on an unstable cart, stand, tripod, bracket, or table. The TV may fall, causing serious injury to someone, and serious damage to the appliance.
21. Do not attempt to service this TV by yourself because opening or removing covers may expose you to dangerous high voltage or other hazards. Refer all servicing to qualified service personnel.
22. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
23. **WARNING:** To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
24. To reduce the risk of electric shock, the grounding of center pin of plug must be maintained.



# Safety Precautions

25. If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA NO.70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrodes. (See Diagram Figure A.)

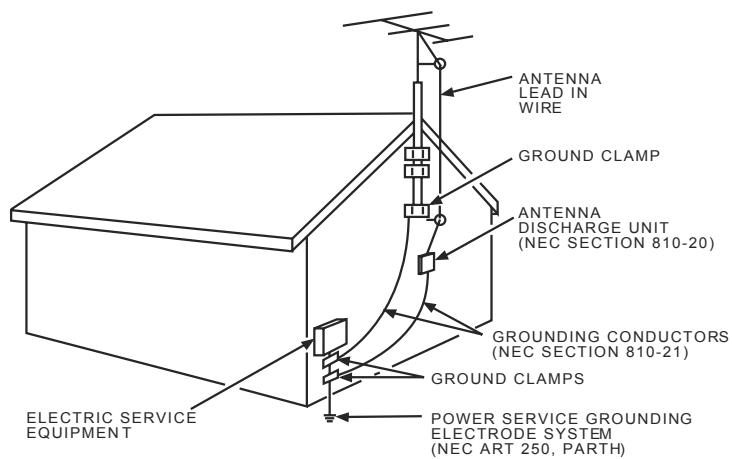


Diagram Figure A

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# TV Signal Connection

The first step in connecting your TV is obtaining the signal. Your TV has a back panel, which allows you to receive analog and/or digital television channels via TV jack.

**Note:** Before connecting your TV, place the TV according to the cautions and safety instructions mentioned in pages ahead, and determine using an antenna or a cable service to obtain the signal.

## A. Antenna

Connect the antenna to TV via coaxial cable on TV jack of the back panel. You are ready to receive air local digital and analog channels.

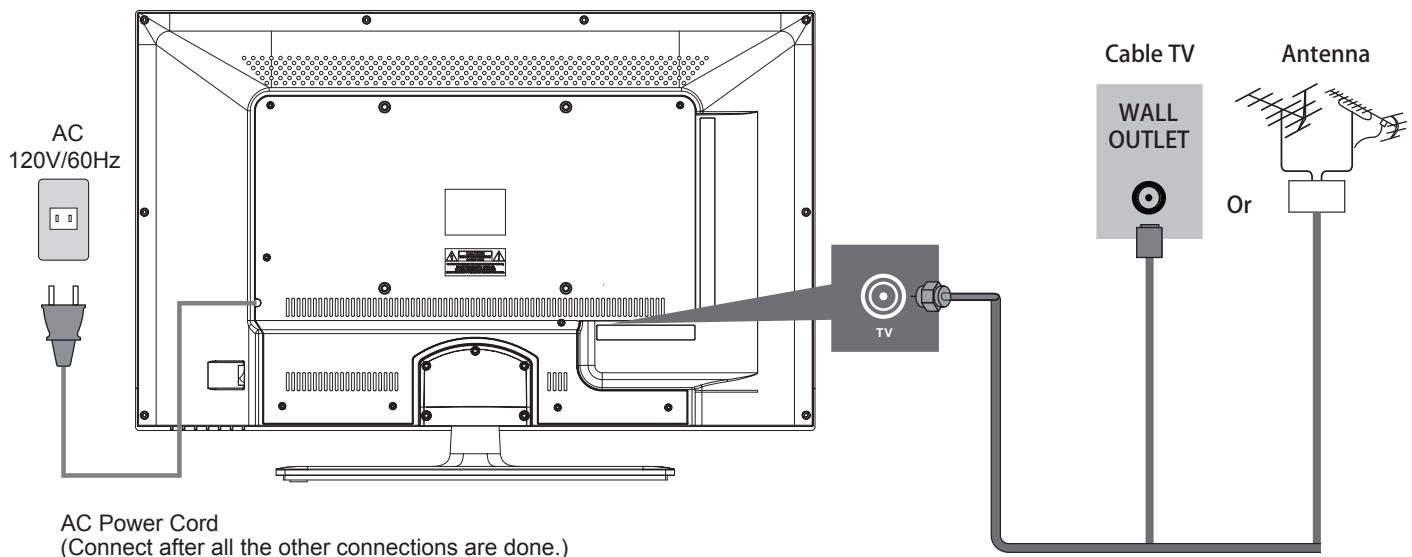
## B. Cable TV service

Connect the cable TV wall jack to TV via coaxial cable on TV jack of the back panel. You are ready to receive off-air local digital and analog channels.

## C. Set-Top Box

If you use a set-top box, you may need to call your cable company or satellite service provider, which use a special connection, please refer to the user's guide of set-top box.

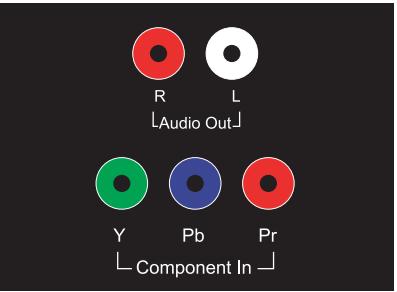
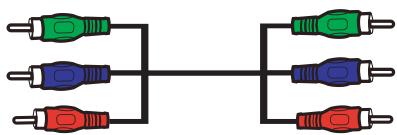
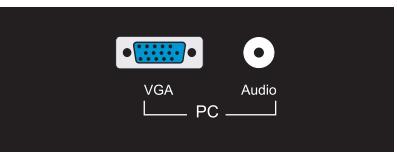
**Note:** Do not plug the AC cord until you have accomplished all the connections.



# Cable Connections

## Choose Your Connections

TV LC42WR1 supports various of connecting ways from other devices (such as DVD, VCR, Set-top box, ect.). Please follow the table sheet to choose the cables which adapt to your device.

Jacks	Cables	Further Information
 AV In, Audio In L and R	  AV/Audio cable	<a href="#">Go to page 8</a>
 Component In, Audio Out L and R	  COMPONENT video cable	<a href="#">Go to page 9</a>
 HDMI-1, 2, 3	 HDMI(TM) cable	<a href="#">Go to page 10</a>
 VGA, Audio	 Audio cable with 3.5mm terminal	<a href="#">Go to page 11</a>
 VGA cable		

**Note:** HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC

Caution:

Unplug the AC cord when you connect other devices to TV.

# Back Panel Connections

## Connecting AV Composite device (Good Video Quality)

To connect an composite AV device, such as a DVD player, follow these steps:

1. Connect the Video-In jack on the back of TV to the video output jacks of device via video cable (yellow).

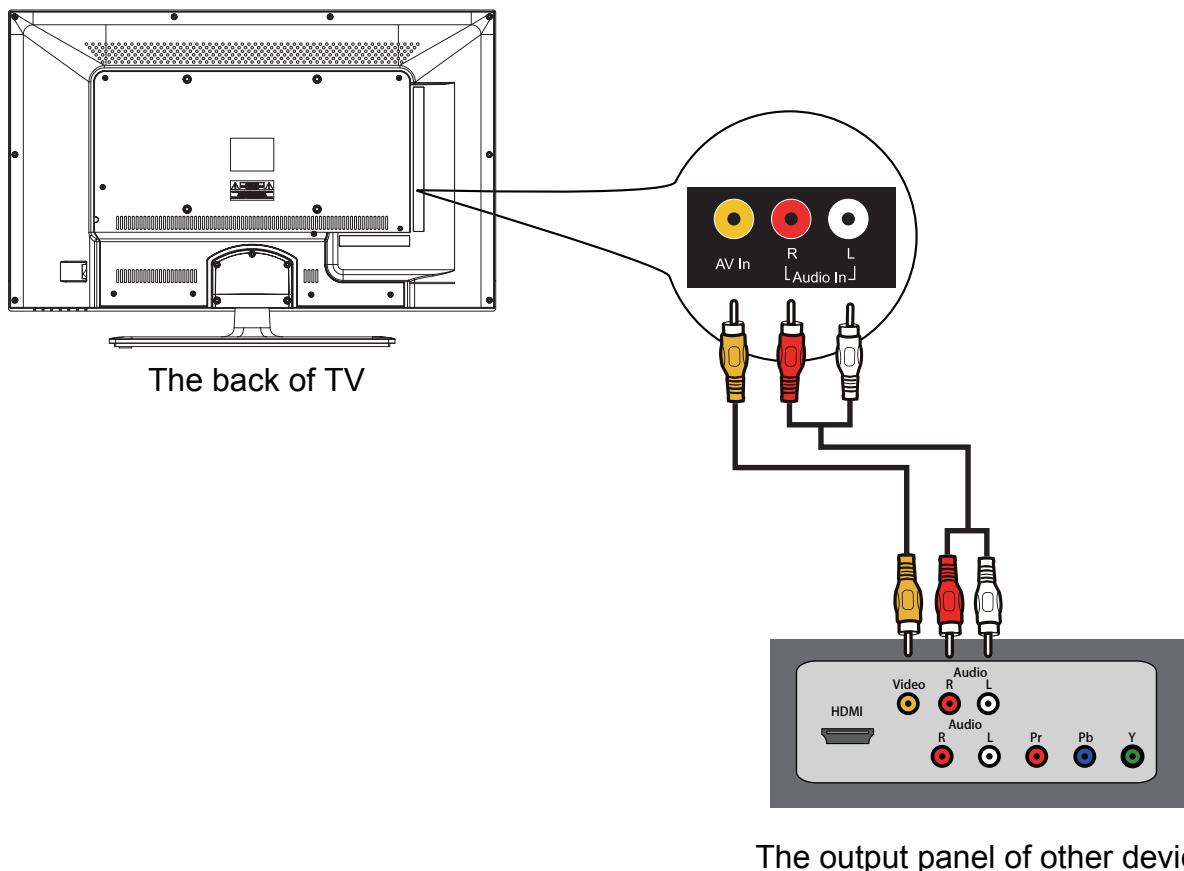
2. Connect the Audio-In L and R jacks on the back of TV to the audio output jacks of device via audio cable.

Notice the left channel jack and plugs are white and the right channel jack and plugs are red.

**Note: AV signal belongs to composite video. This kind of video signal has regular good display quality.**

### Composite Video Connection

The picture below is an example of a connection using the composite video jack.



# Back Panel Connections

## Connecting YPbPr Component device (Better Video Quality)

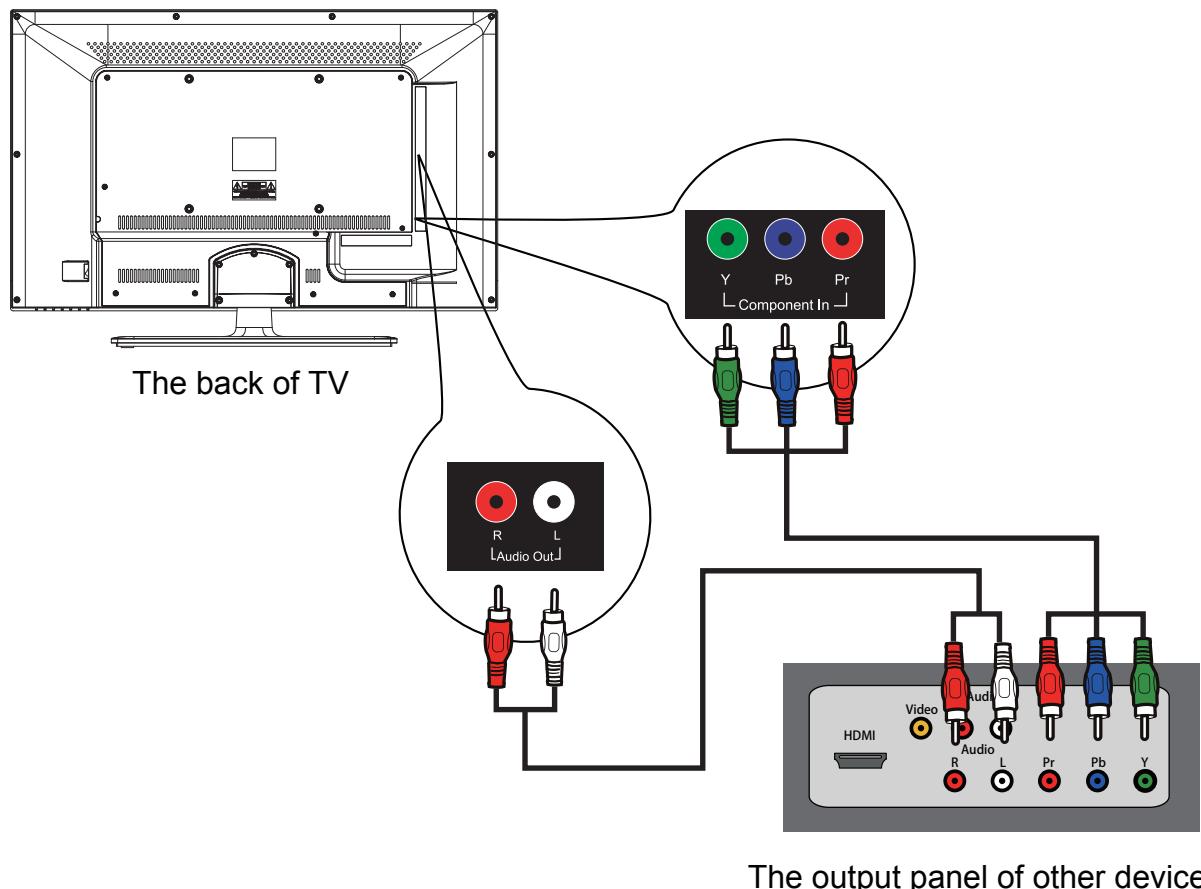
To connect a component device, such as a DVD player, follow these steps:

1. Connect the YPbPr jack on the back of TV to the video output jacks of device via video cable (green, blue and red).
2. Connect the YPbPr, L and R jacks on the back of TV to the audio output jacks of device via audio cable. Notice the left channel jack and plugs are white and the right channel jack and plugs are red.

**Note:** Y/Pb/Pr jacks are component video. This kind of video signal has better display quality.

### Component Video Connection

The picture below is an example of a connection using the component video jack.



# Back Panel Connections

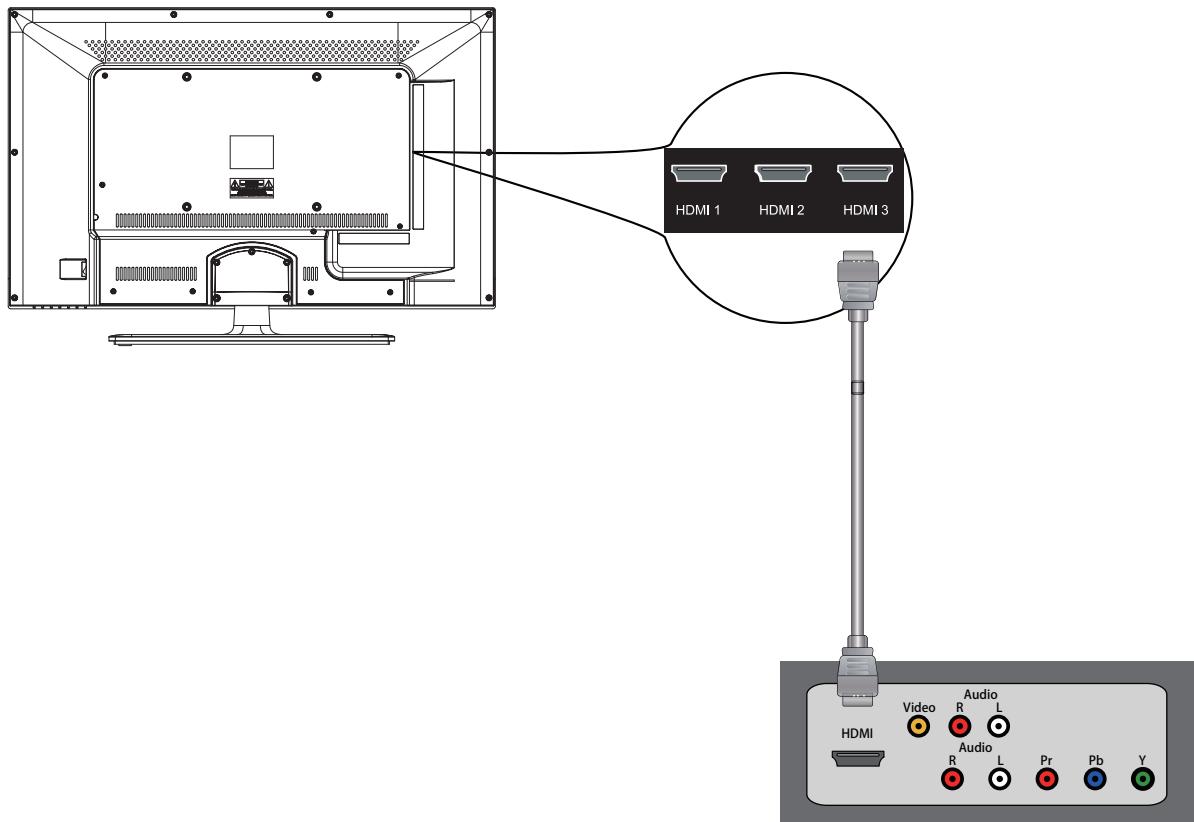
## Connecting HDMI device (Best Video Quality)

To connect an HDMI device, such as a DVD player, Please Connect the HDMI-1,2or3 jack on the back of TV to the out Put jacks of device via HDMI cable.

**Note: HDMI(High-Definition Multimedia Interface) is a compact audio/video interface for transmitting uncompressed digital data. It carries the audio and video signal via the same cable and has the best display quality.**

### HDMI Connection

The picture below is an example of a connection using the HDMI video jack.



The output panel of other device

# Back Panel Connections

## Connecting a computer

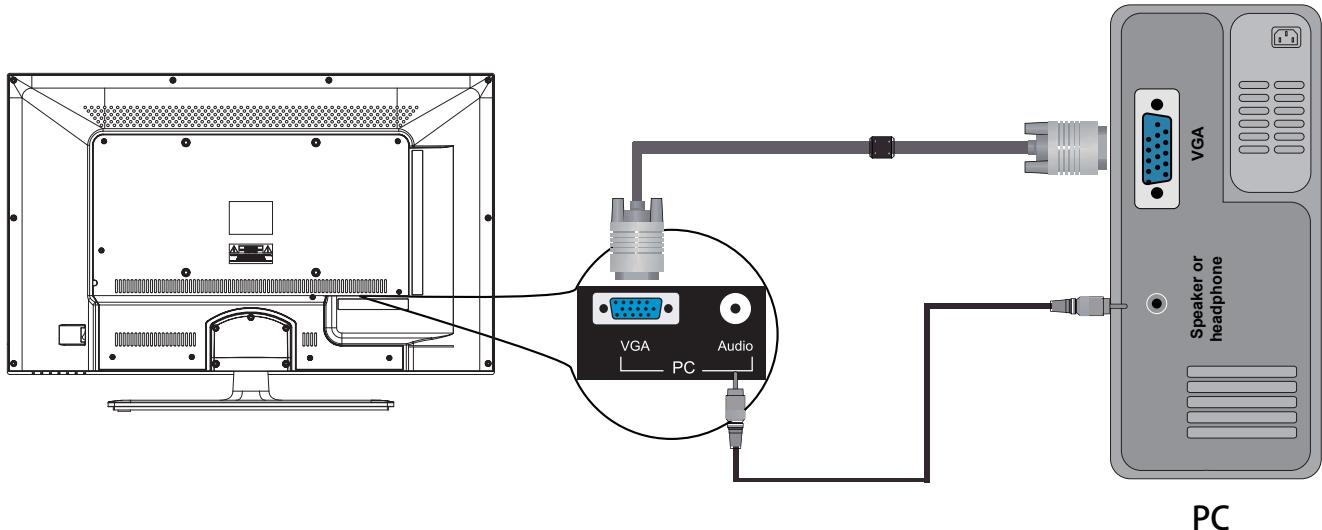
To connect a computer, follow these steps:

1. Connect the VGA port on the back of TV to the VGA output jack of device via D-sub 15-pin cable.
2. Connect the PC Audio In jack on the back of TV to the audio output jack of computer with audio cable (3.5mm).

**Note:** If you want to use your TV as a monitor, please notice that the maximum resolution for GVC3200LED is 1920\*1080. Please set the computer graphic correctly.

### PC Connection

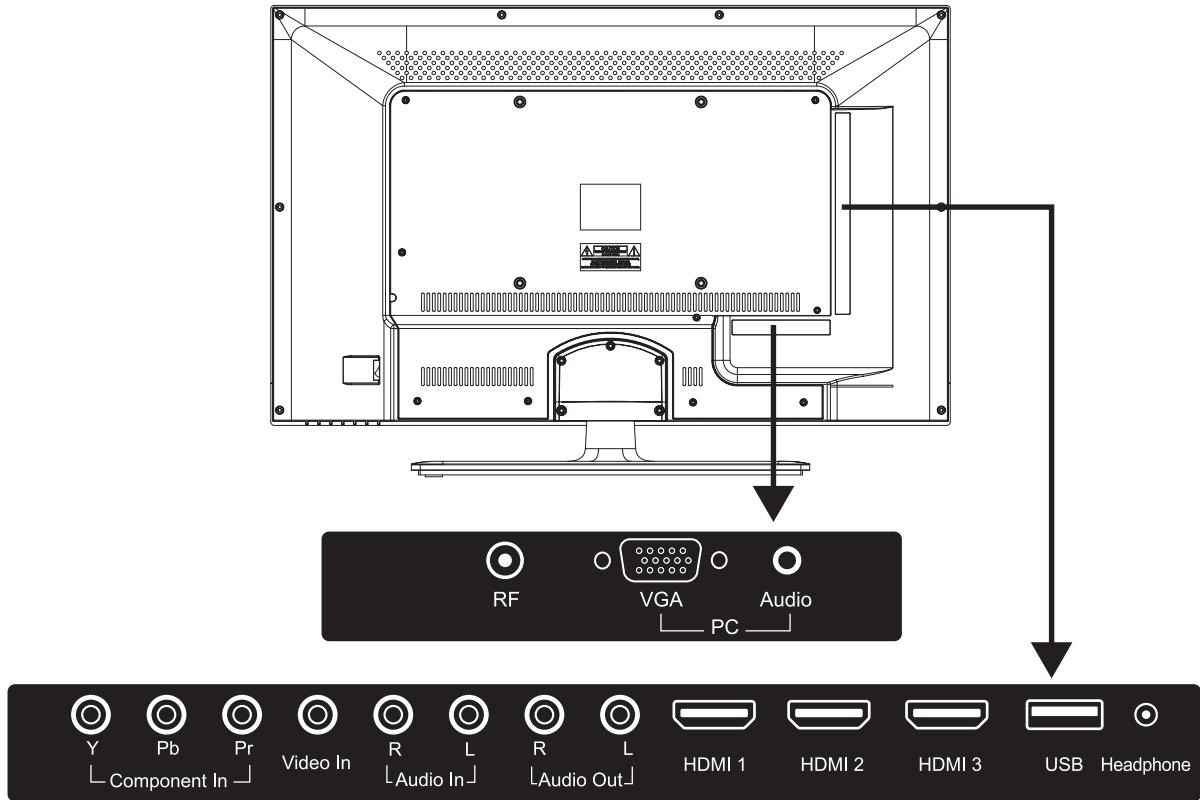
The picture below is an example of a connection using your TV as a PC monitor.



## How to Obtain Various Kinds of Input Sources

After connection is done, press INPUT button on remote control or TV top panel to choose the input source you need. See page 17, Basic Operation of TV.

# TV Jacks Explanation



TV: Connect to receive the signal from your antenna or cable via coaxial cable.

Audio-In L/R, Video-In: Connect an AV device that has composite video jacks, such as a VCR or a DVD player.

To access device connected to these jacks, press the INPUT button on your remote; then press the up/down arrow to select AV. Press the ENTER button at last to confirm.

YPbPr : Connect a device that has component video jacks, such as a DVD player.

To access device connected to the Y/Pb/Pr jack, press the INPUT button on your remote; then press the up/down arrow to select Component. Press the ENTER button at last to confirm.

**Note: The AV input (Video In) and YPbPr share the same audio input jacks-AUDIO-IN L/R.**

HDMI-1, 2, 3:(High-Definition Multimedia Interface) It provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable.

VGA: Connect your computer or other device with a VGA output to this jack using a 15-pin, D-sub cable.

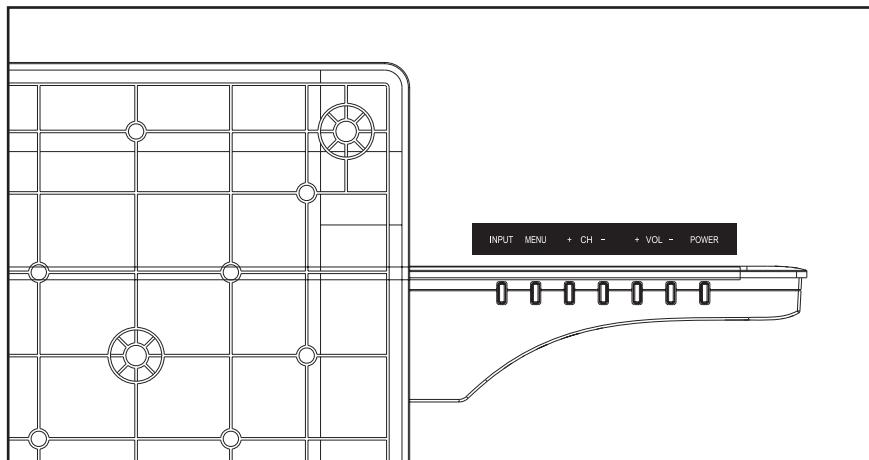
PC Audio-In : Use to obtain sound when a PC is connected to TV. Use 3.5mm stereo mini-pin cable to connect PC to TV.

**NOTE: The image in this page is for your understanding only, there is no print on TV back panel.**

# Side Keypad and Front Panel

## Side Keypad Buttons

If you cannot locate your remote, you can use the side keypad buttons on your TV to operate many TV features.



**MENU** : Displays the TV Main Menu.

**INPUT** : Displays the Source Select List.

**CH+** : Scans up through the channel list. In the TV menu system, it acts like the up arrow on the remote control and can be used to select menu options.

**CH-** : Scans down through the channel list. In the TV menu system, it acts like the down arrow on the remote control and can be used to select menu options.

**VOL+** : Increases the volume. In the TV menu system, it acts like the right arrow on the remote control and can be used to select menu options.

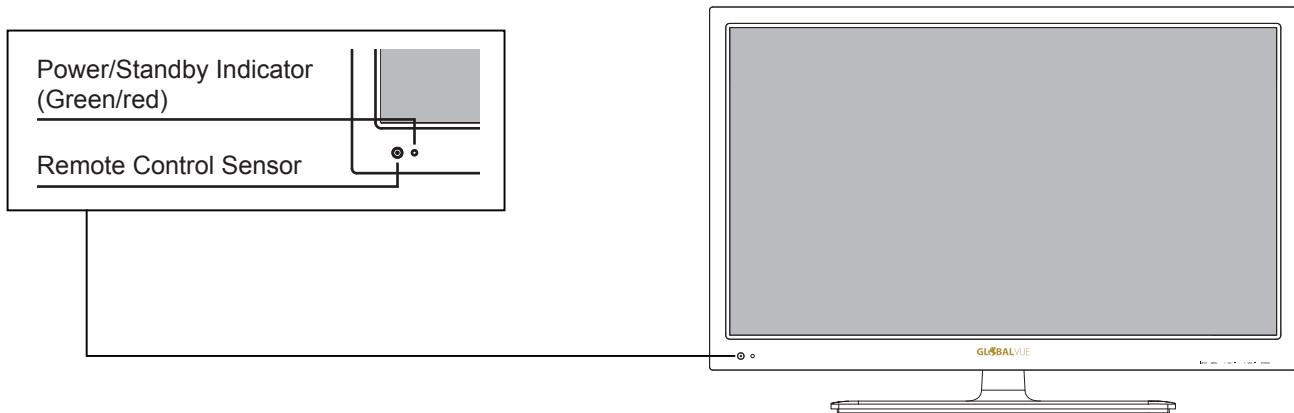
**VOL-** : Decreases the volume. In the TV menu system, it acts like the left arrow on the remote control and can be used to select menu options.

**POWER**: Turns the TV on and off.

## Front Panel

About remote control working distance and angle, see page 14.

Power/Standby Indicator: Green and red dual-color LED. It shows red when the TV is turned off and green when turned on.  
Remote Control Sensor: Remote control IR sensor, which receives infrared ray sent by remote control.



# Remote Control Instructions

## Inserting Batteries in the Remote

- Remove the cover of battery cabin on the back of the remote control by lifting the cover .
- Insert two AAA batteries, making sure the polarities (+ and -) are aligned correctly .
- Place the cover back .



If the remote control does not work, check these points :

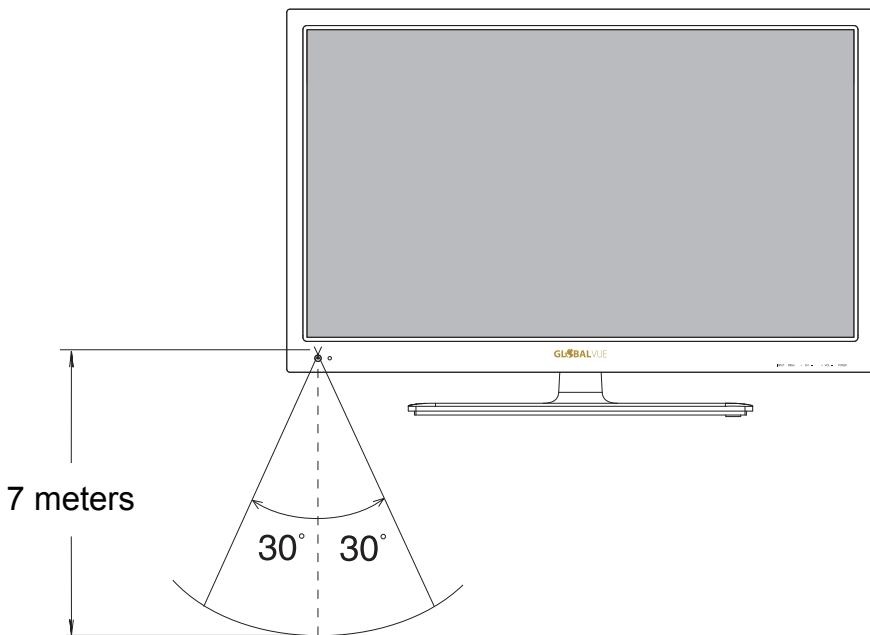
- Are the polarities (+, -) correct ?
- Are the batteries worn out ?
- Is there an AC power failure ?
- Is the power cord plugged in ?
- Is there any interference or block near the remote control sensor ?

### CAUTION:

- Used batteries should be recycled .
- Keep out of children's reach .
- DO NOT use new and old batteries together .
- Change both the batteries at the same time .
- When not using the remote control for a long time, remove the batteries from the unit .

## Remote Control Reception Angle

Use your remote control within the distance and angle range shown below .



# Learning about Remote Control

## Remote Cont

**POWER (P)** : Turns the TV on or off.

**Subtitle**: Displays the Channel Bar (see page 18).

**TV**: Quickly switch input to TV source.

**USB**: Selects the sleep timer, after which the TV will shut off automatically.

**Numeric Buttons**: Use these buttons to enter numbers.

“--/-”: To enter a digital channel with a sub-channel, enter the main channel; then, press this button to enter the sub-channel and press OK.

**Recall (S)**: Returns to the previous channel.

**Language**: Quickly switches between the languages.

**Arrows (◀/▶/▲/▼)**: Uses the four arrows to highlight different items in the TV menu or change the value. The up/down arrow can also work as CH+/CHbutton, and the left/right arrow can also work as VOL-/VOL+ button.

**OK**: Enter and confirm button.

**MENU**: Accesses the Main Menu, or return to the upper level of a sub- menu.

**MUTE**: Reduces the TV volume to its minimum level. Press again to restore the volume.

**BACK**: Exits the current menu or function.

**VOL+ or VOL-**: Increases or decreases the TV volume.

**CH+ or CH-**: Scans up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

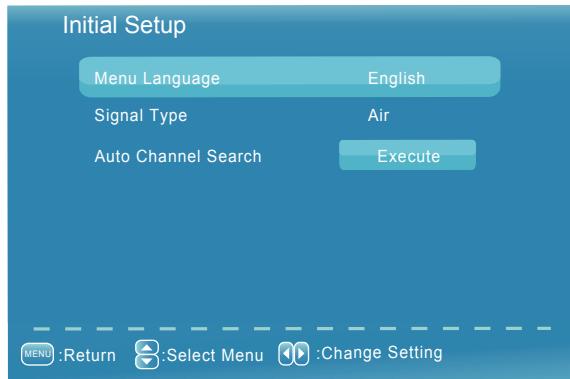
**INPUT**: Accesses the available input channels. Use the arrows to highlight options, and press OK to select.



**NOTE : The keys not listed are for DVD control, they are not available for this TV model.**

# Initial Setup

If it is the first time you turn on your TV, or you have done Clear Channel List option (see page 26), the initial setup menu appears automatically.



## Menu Language

To choose your menu language, press the left/right arrow until the language you need appears.

Available languages: English, French, Spanish, German and Portuguese.

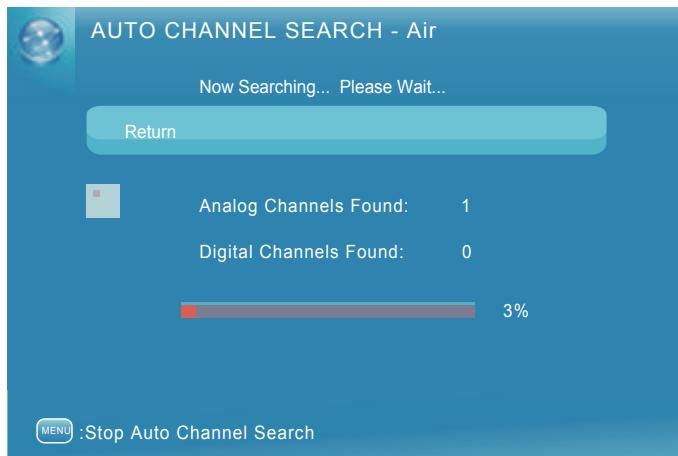
## Signal Type

To choose your TV tuner signal type, press the left/right arrow until Air or Cable appears.

**Note: please select TV signal type according to the antenna or cable closed circuit TV you use.**

## Auto Channel Search

To execute auto channel search, press the up/down arrow to highlight Auto Channel Search and press ok button.



What to notice:

1. The channel search access starts from the Analog TV channel searching and ends at Digital TV channel searching.
2. The channels that have been found will be stored automatically.
3. You can press MENU or BACK button to skip analog/digital channel searching.
4. You can press MENU or BACK repeatedly to end the channel searching.

# Basic Operations

## Turning On and Off

Connect the AC cord to power the LCD TV. At this time the TV will enter standby mode and power indicator shows red. Use Power button on the side panel of TV or on the remote control turn on the TV. After switching off the TV for 5 seconds, you can turn on TV again.

## Choosing TV Channel

### Tuning To Analog Channels

An analog channel has a channel number beginning with "A" input the digital number with number buttons directly and press OK button to confirm.

For example, to watch analog channel "A51", press "5", "1", "OK" on remote control in sequence.

**Note: Although there is no analog TV signal available in America, we reserve ATV functions for some expandable use.**

### Tuning To Digital Channels

A digital channel has a channel number beginning with "D" input the main digital number with numeric buttons directly, then press "--/-" button on remote control, and input the sub number at last.

For example, to watch digital channel "D31-1", PRESS "3", "1", "--/-" button, "OK" on remote control in sequence.

### Changing Channels Directly

You can use CH+ button to increase channel number and CH- to decrease channel number. When no OSD (On Screen Display) is used, the up/down arrows can also work as CH+/CH- buttons.

## Selecting Input Source



Press INPUT button on remote control to display Source Select list. Use up/down arrows to highlight the source you need and press OK to confirm.

# Basic Operations

## Channel Bar

Press the DISPLAY button on the remote control, the channel bar will appear on the right top of screen. It displays the current channel's information. The following list describes the items on the channel bar.



ATV



DTV

<b>A2/D50-1</b>	If the channel is analog, A is displayed. If it's a digital channel, D is displayed. For example, in the pictures above, A2 is an analog channel, and D50-1 is a digital channel ( -1 is a sub-channel number).
<b>MTV/KOCE-HD</b>	Displays the channel label.
<b>Mono/English</b>	Displays whether the current channel is being broadcast in stereo or mono. If the current channel is digital, this space will be SAP (Second Audio Program) language.
<b>480i/1080i</b>	Displays the signal resolution.
<b>16:9/CC/TV-PG</b>	Displays the screen aspect ratio, closed caption and TV rating level of the current program or channel. And these are only available for digital channels.
<b>Oct-31 23:14 Mon</b>	Current date and time.

## Adjusting Volume

Press the VOL+/VOL- button on the remote control to adjust the volume. If you want to switch sound off, press MUTE (🔇).

When OSD (On Screen Display) is not used, the arrows left/right can also work as VOL-/VOL+ buttons.

## EPG (Electronic Program Guide)

Press EPG button on the remote control, the electronic program guide will appear in the center of screen. The electronic program guide gives the TV program playing project. You can use left/right arrows to switch pages.

### D50 - 1 KOCE-HD

Smart Travels - Pacific Rim with Rudy Maxa

23 : 00 - 23 : 30

Stockholm & Sweden is a natural-born beauty, winning us over with luxuriant landscapes and sleek Scandinavian style. We cruise through Stockholm's sun-dappled archipelago, visit a designer hotel and sip cocktails in the trendy Ice Bar (a lounge...

 :Return  :Page

# OSD Menu Operations

## Adjust the OSD Screen

The OSD (On Screen Display) menu enables you to approach to the TV functions.

To use OSD menu system, press MENU button on remote control, then use left/right arrow to highlight an option from PICTURE, SOUND, CHANNEL, PARENTAL, SETUP or OTHERS and press OK button.

Press the up and down arrow to move to a different option within each menu. If necessary, press ENTER or right arrow to display the choices of the option you've highlighted. If available, use the text at the bottom of each screen for help. To return to the previous menu, press the MENU button.

To exit the OSD menu:

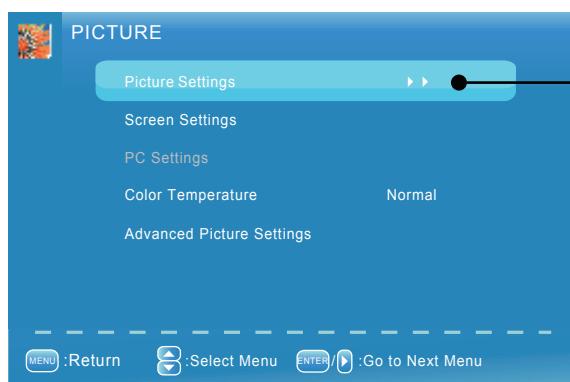
- Press the back button. The menu will clear from the screen.
- Press the MENU button repeatedly until the menus disappear.



## Picture Menu

The Picture Menu contains menus and controls to configure the way the picture appears. The Picture Menu options apply to the video for the main TV and VIDEO INPUT selections. All picture options can be applied to each input.

Press MENU on the remote. Select Picture from the Main menu. Press the OK button to proceed to PICTURE menu.



Use up/down to choose the function you need, press OK or right arrow to adjust or enter a sub-menu. The sub-menu image and explanation are shown below.

### Picture Settings



Picture Settings: Choose the preset visual mode of your TV:

Standard, Movie, User, Dynamic. Only in User mode you can adjust Brightness, Contrast, Color, Tint and Sharpness.

Brightness: Adjust the brightness of picture.

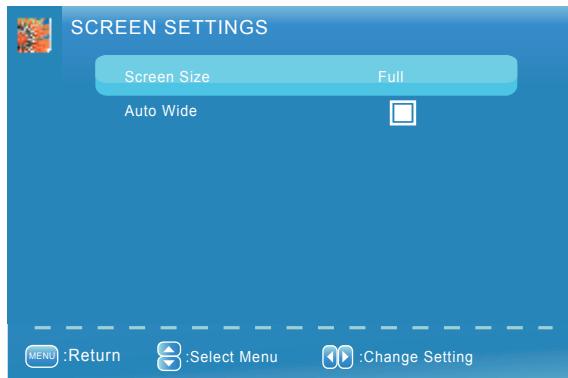
Color: Adjust the richness of color.

Tint: Adjust the balance between red and green level (only available in NTSC signal).

Sharpness: Adjust the sharpness level of picture.

# OSD Menu Operations

## Screen Settings

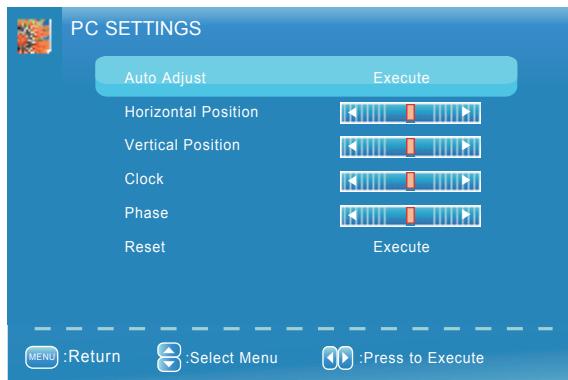


Screen Size: Select a screen aspect ratio.

(Available ratio: Full, Normal, Wide and Cinema.)

Please choose the ratio that applies to your video signal format best.

## PC Settings (only available in PC mode)



Auto Adjust: Adjust the PC picture display automatically.

Horizontal Position: Adjust the horizontal position of picture.

Vertical Position: Adjust the vertical position of picture.

Clock: Adjust the clock of picture.

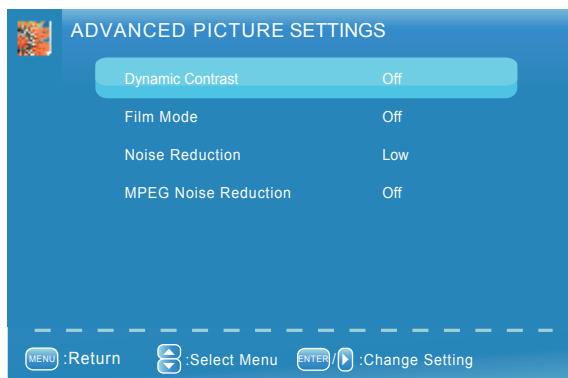
Phase: Adjust the phase of picture.

Reset: Reset all the PC picture settings to factory default.

## Color Temperature

This option allows you to select one of three automatic color adjustments: Cool for a bluer palette of picture colors; Normal or Warm for a redder palette of color.

## Advanced Picture Settings (not available in PC mode)



Dynamic Contrast: Set dynamic contrast on/off.

Film Mode: Set film mode on/off.

Noise Reduction: Set noise reduction as Off/low/Medium/High.

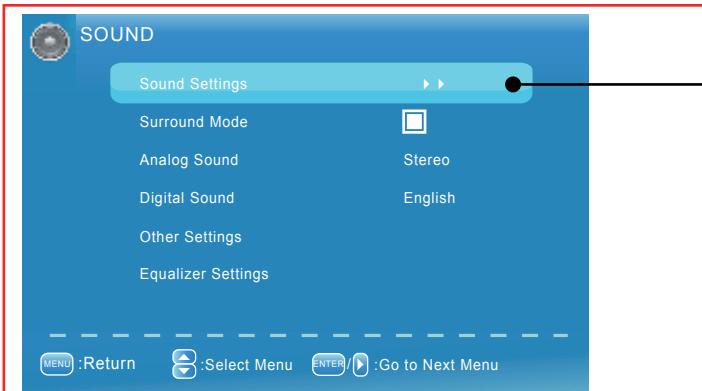
MPEG Noise Reduction: Set MEPG noise reduction as Off/Low/Medium or High.

Note: Noise reduction helps to reduce the picture "static" or any type of interference. This feature is especially useful for providing a clearer picture in weak analog signal conditions. The MEPG Noise Reduction specifically works on video signal with MPEG coding.

# OSD Menu Operations

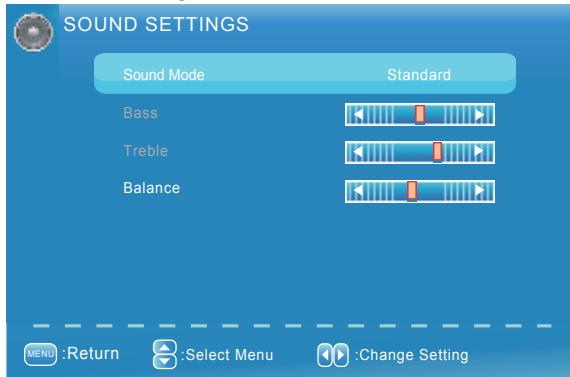
## Sound Menu

The Sound Menu lets you adjust audio output. To access the Sound Menu, press MENU on the remote, and then select SOUND from the Main Menu. Press OK button to proceed to SOUND menu.



Use up/down to choose the function you need, press OK or right arrow to adjust or enter a sub-menu. The sub-menu image and explanation are shown below.

### Sound Settings



**Sound Mode:** Choose the preset sound mode of your TV: Standard, Soft, User, Dynamic. Only in User mode you can adjust Bass and Treble.

**Bass:** Adjust the bass component of TV sound.

**Treble:** Adjust the treble component of TV sound.

**Balance:** Adjust the balance between the left and right channel.

### Surround Mode

Creates a 3D sound surround from standard stereo material, with deep and rich enhancement.

### AVL

Set AVL (auto volume control) on/off.

### Analog Sound

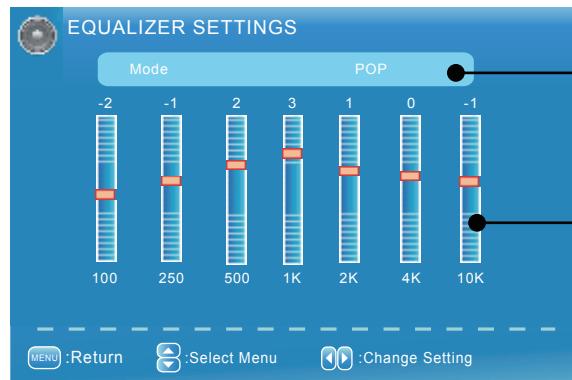
Select analog TV audio sound type: Stereo, Mono or SAP (only available in TV mode).

### Digital Sound

Select digital TV audio language type: English, French or Spanish (only available for DTV channel).

# OSD Menu Operations

## Equalizer Settings



The seven-band graphic equalizer allows you to adjust the audio frequency settings. You can select one of the equalizer presets (OFF, POP, ROCK, JAZZ) or create your own personal preset (USER).

Press the left or right arrow to select the frequency (100Hz, 250Hz, 500Hz, 1KHz, 2KHz, 4KHz, 10KHz) you want to adjust. Use the up or down arrow to adjust.

## Channel Menu

The Channel Menu enables you to search, view and edit channels. It is available in TV mode only. Press MENU and choose CHANNEL from the Main menu. Press the OK button to proceed to CHANNEL menu.



Use up/down to choose the function you need, press OK or right arrow to adjust or enter a sub-menu. The sub-menu image and explanation are shown below.

### Channel List

Display a channel list. It shows the current channels.

### Favorite List

Display a favorite channel list. It shows the current favorite channels.

### Channel Settings

Go to channel setting sub-menu (as shown below).



Press left/right arrow to switch the channel you want to edit.

Set if the current channel is contained in channel list.

Enter a channel label to rename the current channel.

Set if the current channel is the favorite channel.

# OSD Menu Operations

## Signal Type

Select your TV signal type: Air or Cable.

## Auto Channel Search

Execute an auto channel search (see page 16).

## Parental Menu

The Setup Menu enables you to lock program with special content, panel key board and input source.

Press MENU and choose PARENTAL from the Main menu. Press the OK button to proceed to PARENTAL menu.



### Lock Parental Control

- When the Parental Control Menu is accessed from the Main Menu, you need to enter password to unlock the menu function. Please enter your four-digit password with numeric keys 0~9.

**Note: The original password is "0000".**

- After unlocking, the items in parental control menu can be used. Use arrow up/down to highlight the function you need and press OK or right arrow to use V-chip, Change Password, Front Panel Lock and Source Lock, Clear Channel List sub-menu.

### V-Chip

The following graphic details where items locate within the V-Chip menu.

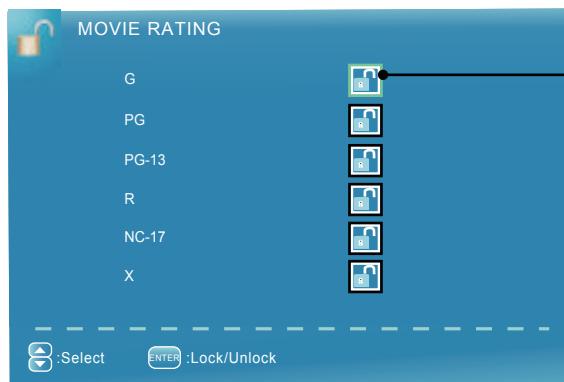


### US V-Chip

Press OK or right arrow to enter US V-Chip ratings menu, which contains two sub-menus: Movie Rating and TV rating. See next page for more details.

# OSD Menu Operations

## Movie Rating



Use arrow keys to select the rating level you want to block, press OK to lock/unlock the rating level. If you have blocked a lower level rating, the higher ratings will be blocked too.

For example , when PG-13 is blocked, R, NC-17 and X will be blocked at the same time.

## TV Rating



Similar with Movie Rating.

After adjusting, press MENU to return or press BACK to exit the menu..

## TV Rating Overview

	<b>Age-Based Ratings</b>		<b>Content Themes</b>
TV-MA	Mature Audience Only	D	Sexually Explicit Dialogue
TV-14	Parents Strongly Cautioned	L	Adult Language
TV-PG	Parents Guidance Suggested	S	Sexual Situations
TV-G	General Audience	V	Violence
TV-Y7	Directed to Children 7 Years and Older	FV	Fantasy Violence
TV-Y	All Children		

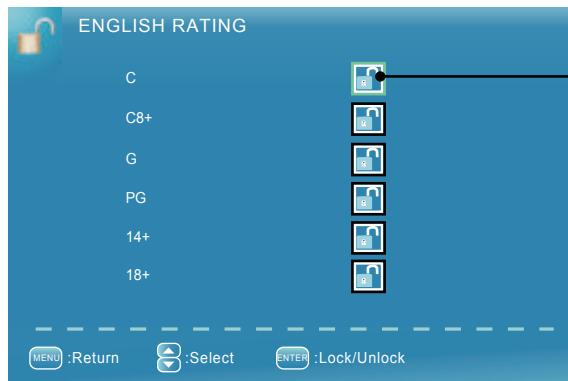
# OSD Menu Operations

## Canada V-Chip

Press OK or right arrow to enter US V-Chip ratings menu, which contains two sub-menus: English Rating and French Rating.

### English Rating

Press OK or right arrow to enter English rating menu.

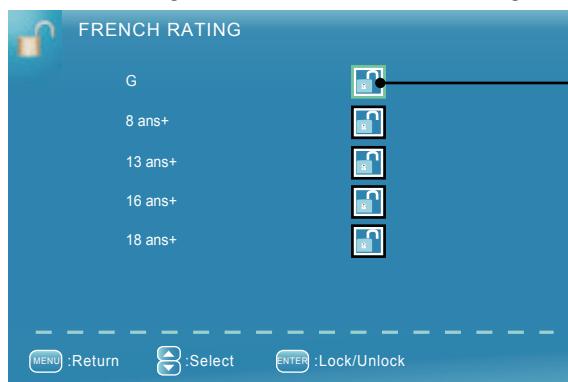


Use arrow keys to select the rating level you want to block, press OK to lock/unlock the rating level. If you have blocked a lower level rating, the higher ratings will be blocked too.

For example, when PG-13 is blocked, R, NC-17 and X will be blocked at the same time.

### French Rating

Press OK or right arrow to enter French rating menu.



Similar with English Rating.

**Note: These ratings are available only if the broadcaster is sending rating information.**

## Block Unrated Show

Block all the unrated program.

## Downloadable Rating, Clear Downloadable Data

Activate or downloadable rating data. if available.

# OSD Menu Operations

## Change Password

Change the password of parental menu.



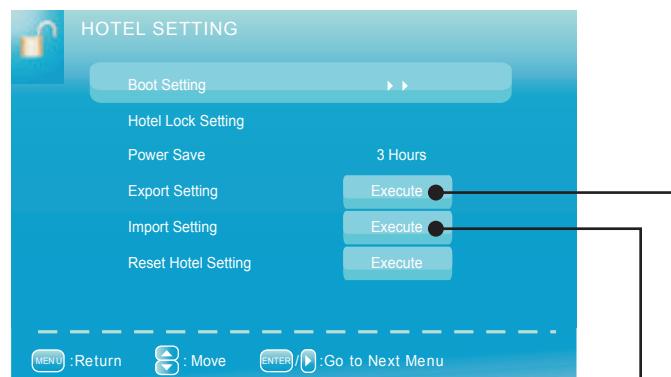
Input the old password.

Input the new password.

Input the new password again to confirm.

## Hotel Menu

Please enter your four-digit password with numeric keys 0~9. The original password is “0000”.



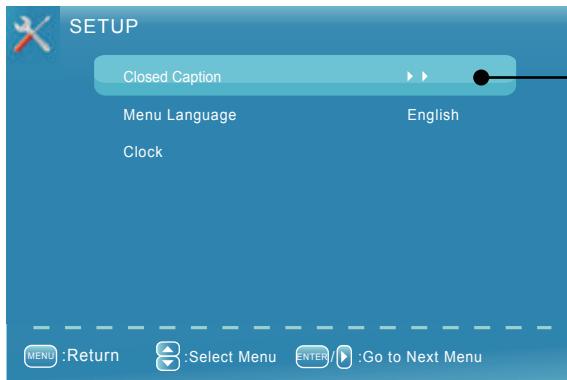
To export hotel menu setting, insert a USB disk to the SERVICE port on back input panel of TV, then select Execute the Export Setting. Then the hotel setting in THIS TV will be stored to the USB disk.

To import hotel menu setting, insert a USB disk to the SERVICE port on back input panel of TV, which has been executed Export Setting operation and carries hotel setting information. And then select Execute the Import setting. After that the hotel setting of THIS TV will become just the same with the preset TV's setting.

# OSD Menu Operations

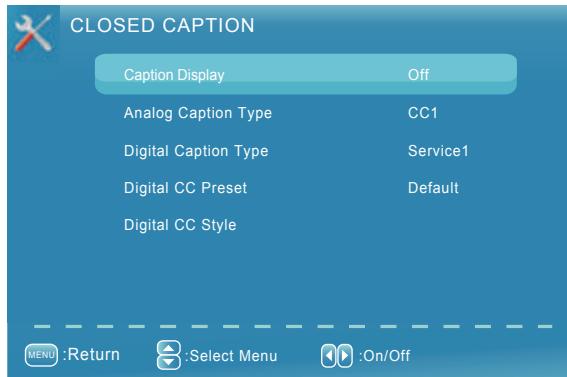
## Setup Menu

The Setup Menu lets you config the TV with your preferences.  
Select SETUP from the Main Menu. Press OK button to proceed to SETUP menu.



Use up/down to choose the function you need, press OK or right arrow to adjust or enter a sub-menu. The sub-menu image and explanation are shown below.

### Closed Caption



#### Closed Caption

Press left/right arrow to select closed caption display on or off.

#### Analog Caption Type

Press left/right arrow to select analog closed caption type: CC1, CC2, CC3, CC4, TEXT1, TEXT2, TEXT3, TEXT4.

#### Digital Caption Type

Press left/right arrow to select digital closed caption type: Service1, Service2, Service3, Service4, Service5, Service6.

#### Digital CC Preset

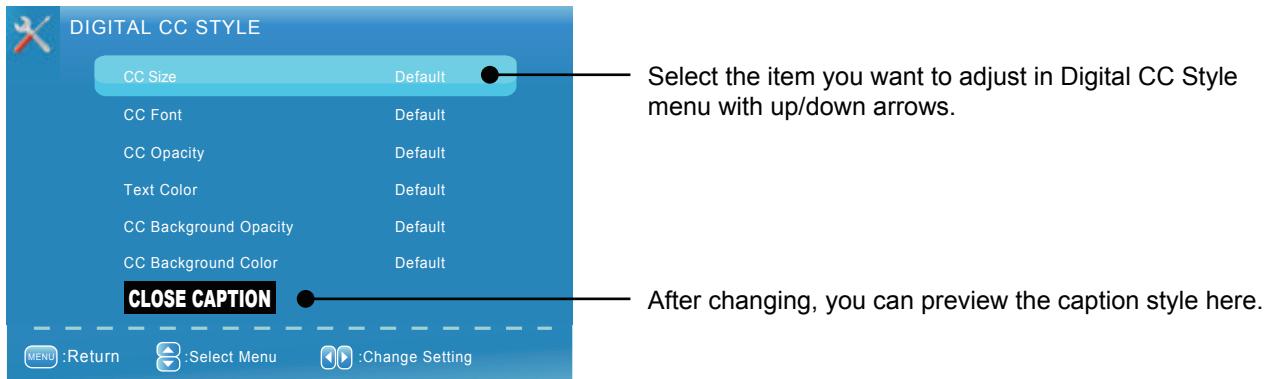
Press left/right arrow to select digital closed caption preset: Default, Custom.  
Only in custom mode you can adjust the digital closed caption style.

#### Digital CC Style

Press left/right arrow to go to digital closed caption style sub-menu (see next page).

# OSD Menu Operations

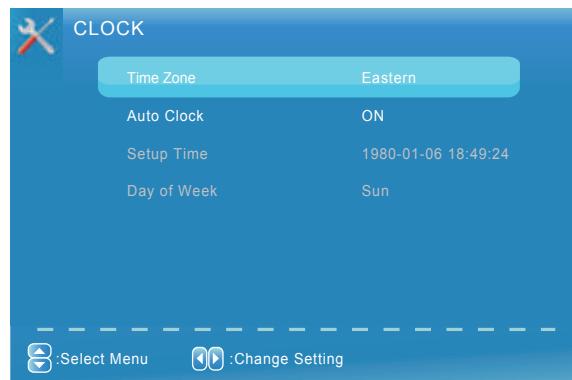
## Digital CC Style



Select the item you want to adjust in Digital CC Style menu with up/down arrows.

After changing, you can preview the caption style here.

## Clock



### Time Zone

Select your time zone: Eastern, Central, Mountain, Pacific, Alaska, Hawaii, Samoa, Newfoundland, Atlantic.

### Auto Clock

Select auto clock on/off. Auto clock helps you synchronize your TV time to standard time (from DTV signal).

### Setup Time

Set your TV time manually (needs to turn off auto clock).

### Day of Week

Display what day it is (can't be adjust, display only).

# OSD Menu Operations

## Others Menu

The Others Menu lets you config the TV with your preferences in other features. Choose OTHERS from the Main Menu. Press OK button to proceed to SETUP menu.



Use up/down to choose the function you need, press OK or right arrow to adjust or enter a sub-menu. The sub-menu image and explanation are shown below.

### Blue Back

Press OK button to select Blue Back on or off. If the Blue Back is turned on, the TV will display a blue background when there is no signal input.

### No Signal Power Off

Press OK button to select "No Signal Power Off" on or off. If it is turned on, the TV will shut off after 10-minute no signal time. We suggest you turn on this function when Blue Back is turned on. Because it may hurt the LCD panel if the blue screen lasts too long.

**Note: In PC mode, the monitor standby and power off settings depend on the No Signal Off time.**

### All Reset

Press OK button to execute reset to TV system. All the settings will be reset to factory default.

# Troubleshooting

## Identifying Problems

If there are any problems when using the product, please consult the list below. If the list does not solve the problem, call our Customer Service Center immediately.

### TV Problems

#### **The TV can't be turned on.**

- Make sure the AC cord is plugged in.
- Check the wall outlet, make sure the AC output works normally and stably.
- The side panel may be locked (disabled). Use the remote control to turn on the TV.
- Select the Front Panel Lock function in the PARENTAL Menu and press ENTER to uncheck the locking status.

#### **There is no picture or sound but the TV is on and there is a “No Signal” sign on screen.**

- Are you trying to use an input source with no device connected to it? For using other video/audio device, make sure the external device works normally first, then press INPUT and choose the right input source.
- The Signal Type option may be set incorrectly. Go to page 16 for detailed instructions.
- The channel may be blank. Try to search the channel again or change another channel.

#### **The sound is fine, but the picture is poor.**

- If you can only get black and white pictures from external device that you've connected to your TV, maybe it is due to the video cables is not connected well, or they are connected wrongly. Check the connection stability first, then check the correctness. For AV input, the yellow video cable connects to the yellow Video In jack on the side of your TV. For Component input, the three Y, Pb, Pr video cables (red, blue, and green) should be connect to the corresponding input jacks on the side of your TV.
- Check the antenna connections. Make sure all of the cables are firmly connected to the TV jack on side of your TV.
- Try adjusting the color features to improve.

#### **There is no sound, but the picture is fine.**

- The sound might be muted. Try pressing the MUTE button to restore sound.
- For using AV or Component, remember to connect the device's left and right audio output correctly. The left channel cable is white and the right channel cable is red. Please match the cables and jacks according to their colors.
- The sound settings may not be set correctly. Go to page 21 for more information.
- If your audio source has only one jack or is a (mono) audio source, make sure you have plugged the connection into the Audio In L jack (white) on the TV.

#### **The buttons on the top panel don't work.**

- The side panel may be locked (disabled). Use the remote control to turn on the TV.
- Select the Front Panel Lock function in the PARENTAL Menu and press ENTER to uncheck the locking status.
- Unplug the TV from the AC power for 10 minutes and then plug it back. Turn the TV on and try again.

#### **The TV turns off unexpectedly.**

- The electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn the TV on again. If this happens frequently, the voltage in your house may be abnormal. If the other electronic equipment in your home can't work normally, consult a qualified service personnel.

# Troubleshooting

## **Can't select a certain channel.**

- The channel may be blocked or not approved in the PARENTAL Menu.
- The channel may be skipped in channel list in CHANNEL Menu. Check the blocking and skipping status of channel.

## **The stereo sound performance is bad.**

- It may be a weak station. Use the SOUND Menu and set Analog Sound as Mono.

## **A black box appears on the screen.**

- Closed captioning might be on. Check Closed Caption in the SETUP menu. Go to page 30 for more instructions.

## **Problems with the HDMI Connection.**

- Make sure the HDMI device (DVD, video gamer, etc.) is turned on and the cables are firmly connected. If problems still occur, turn off your device and reconnect it. Reset the power by unplugging the power cord and plugging it again.
- If a "No Signal" message appears on screen, the HDMI device isn't responding. Contact the manufacturer of the HDMI device for further assistance.
- If you have black bars on each side of your picture (which means the TV can not display a full-screen image), the device you connected might have a switch or a menu option allowing you to change the picture quality output that will fix this. Choose either 720p or 1080i.

## **The Remote control doesn't work.**

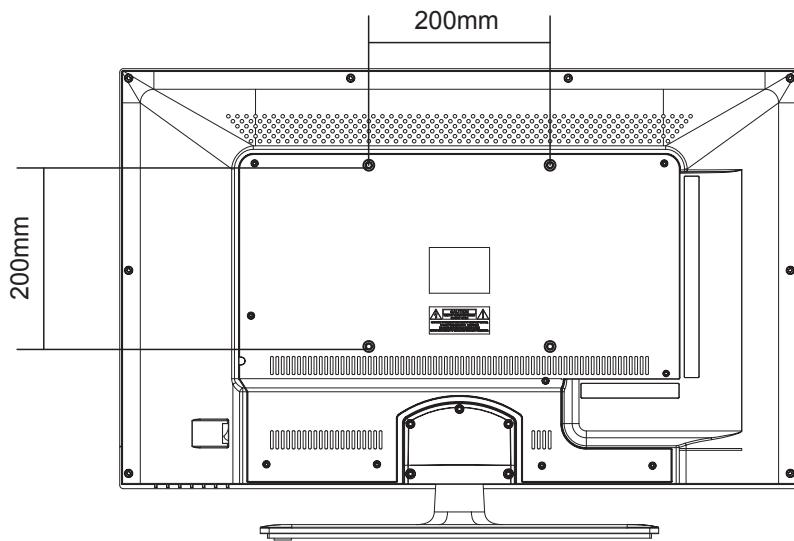
- Something might be blocking between the remote control and the remote sensor on the front panel of the TV. Make sure there is a clear path.
- The remote may not be aimed directly at the TV.
- The batteries in the remote may be weak, dead, or installed incorrectly. Put new batteries in the remote.

## **You are experiencing problems with V-Chip/Parental Controls.**

- If the rating limits don't work, you must lock the settings. Go to the Main Menu (press MENU on your remote), select PARENTAL to check the settings.

# Wall Mounting Unit Specification

Model	Unit Dimension (unit:mm)	Screw
GVC3200LED	VESA 200 x 200	M6screws, length 10mm



**Note:**

**A. The wall mount is not contained in the accessories sold with television. We only provide installing specifications but not the wall mount itself. If you need the mount, please consult with the local dealer for a VESA wall mount.**

**B. We strongly suggest to set the wall mount with equipments of specification we ordered. If not, inappropriate installing may cause damage to device or people.**

**Warnings:**

1. Do not set up the wall mount by yourself. Please contact qualified professionals for installation.
2. The TV should not be mounted on walls or surfaces which have an angle more than 10 degrees with vertical direction. Otherwise the TV set may fall.
3. The walls for mounting must have enough strength to hold the whole weight of TV set. For example, concrete wall and brickwork are eligible. Do not place the mount on soft walls such as earth walls and plasterboard.
4. If spare parts of different specifications(such as screws)are used during mounting,consult with qualified professionals to make sure these parts are safe and effective.
5. Before attaching the base to wall, ensure the holes for anchors are in keeping with the installing rules. Otherwise there may exist some potential problems.
6. Do not place any heating source under your television. Orelse,it can cause fire.
7. Do not place the TV near anything dripping. Transducers and high voltage wires should be kept far away from the apparatus too. Or else, it may cause creepage, electric shock or bad resonance.
8. Do not place TV in a location where collision or vibration is liable to happen.
9. In order to avoid unexpected falling of the TV set, do not put any strong force on TV or wall mount after installing.
10. Be sure to unplug the TV before installing. Keep anything hard or sharp away from the screen panel to prevent the scuffing.
11. After installing, if there is any need to move the cabinet,please contact the qualified professionals.

# Product Specification

Model		GVC3200LED
Diagonal Display Size		31.5 inches
Television System		American TV standard ATSC/NTSC system
Channel Coverage		VHF: 2~13      UHF: 14~69      CATV: 1~135 Digital Terrstral Broadcast (8VSB): 2~69 Digital Cable (64/256QAM): 1~135
Power Supply		AC 120 V, 60Hz
Connection Interface	RF input	Cable/Antenna x 1
	Video input	USB x 1 AV x 1 Component x 1 HDMI x 3
	Audio input	AV/Component x 1 PC Audio In x 1
	Audio output	RCA Audio Output x 1 Headphone Out x1
	Graphic input	RGB 15pin x 1
Resolution		1366x768
Component/HDMI mode		480i, 480p, 720p, 1080i, 1080p
Dimensions	Without stand	749.7W x 463.4H x 53D mm
	Package	820W x 536H x 155D mm
Power Consumption		less than 50W

Notice: Specifications are subject to change without notice.

**Note:**

*By enabling user set brightness and contrast may increase energy consumption beyond the limits required for ENERGY STAR qualification. installing may cause damage to device or people.*