

LED LCD TV

Roku® Streaming Stick™
(Roku Ready® version) Included

USER'S MANUAL

MODEL
LRK50G45RQ



We've built a smarter TV—includes Roku® Streaming Stick™ (Roku Ready® version)

- No wires, MHL port powers streaming stick
- Enjoy more than 1000+ entertainment channels
- Control with Roku Ready™ TV remote and mobile app

Premium displays not included with purchase. Netflix Unlimited streaming membership required to instantly watch movies & TV episodes streaming from Netflix. Apple TV® only available in the U.S. and select 10 territories where a high-speed broadband connection is available. Some restrictions may apply. ©2014 Home Box Office, Inc. All rights reserved. In accordance with our agreement, we are required to license content on video channels. For example, Netflix requires a paid subscription, when given you access to movie and TV show titles in the Netflix streaming catalog. Some channels may not be available in all countries or may require a paid subscription. Roku Ready™, the Roku logo, Roku Ready®, the Roku Ready logo, and STREAMING STICK™ are trademarks and/or registered trademarks of Roku, Inc. in the United States and other countries. Availability of HDMI-CEC also limited by channel provider and speed of broadband connection. Roku Ready is a trademark and TV Ready and Roku are trademarks of Roku, Inc. Roku products or personal media via the Roku app is limited to iOS and select Android™ devices.

Please register your product at www.rca.com
Please keep your sales receipt and keep the record of the serial number and the date of purchase in order to receive warranty parts and services. The serial number is located at the back of the TV.

Serial Number

Date of Purchase



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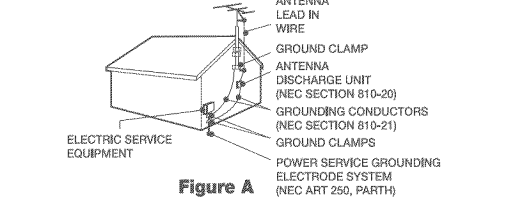


HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC

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.

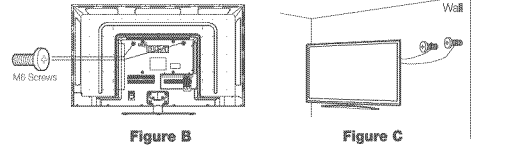
17. Never push objects of any kind into this TV through openings as they may touch dangerous voltage or other electrical parts that could result in fire or electric shock. Never spill liquid of any kind into the TV.
18. Unplug the TV from the wall outlet before cleaning. Do not use liquid or aero cleaners. 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 the 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.
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 figure A)



Safety Strap

Caution: Pushing, pulling or climbing on the TV may cause the TV falling. Do not let children climb or hang on the TV. Always place the TV on a sturdy, level, stable surface that can hold the weight of TV. And if possible, secure the TV according to the instruction below (Note: The fastening components such as screws are not supplied with TV).

Step one: Insert the M6 mounting screws into the upper two wall mounting screw holes and fasten them (Figure B). Step two: Insert anchors to wall and connect the bolts and anchors with ropes or chains (Figure C).



4 5

Preparation for Your New TV

Before Turning On TV

Check Accessories

Check the accessories that are packed with your TV. (Refer to Quick Start Guide)

Setup TV Table Stand

Please refer to Quick Start Guide to carry out stand installing.

Select TV Location

Select a flat, stable table to place your TV set. Please follow the safety instructions when placing the TV.

Connection and Using

After placing your TV properly, you can connect the TV with power supply and cable components. For further information, see page 5 to page 6.

TV Signal Connection

The first step in connecting your TV is obtaining the signal. Your TV LRK50G45RQ has a back panel, which allows you to receive analog and/or digital television channels via ANT/CABLE jack. Before connecting your TV, determine using an antenna or a cable service to obtain the signal.

A. Antenna

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

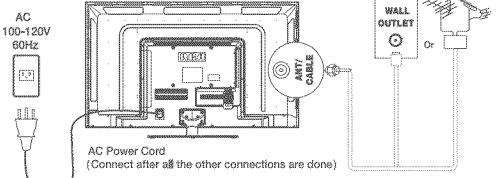
B. Cable TV service

Connect the cable TV wall jack to TV via coaxial cable on ANT/CABLE 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. This TV does not support QAM under cable channel search.



Cable Connections

Choose Your Connections

TV LRK50G45RQ supports various connections to other devices (such as DVD, VCR, Set-top box, etc.). Please follow the table to choose the cables which adapt to your device.

Jacks	Cables	Further Information
COMPOSITE L-AUDIO-R	Video/Audio cable	See the below
COMPONENT Y, Pb, Pr L-AUDIO-R	Audio Cable COMPONENT video cable	Go to page 6
HDMI IN 2/DVI, 1/ARC	HDMI-DVI cable HDMI cable	Go to page 6
Roku/HDMI3	MHL cable Roku Streaming Stick	Go to page 6

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

Side Panel Connections

Connecting AV Composite device (Good Video Quality)

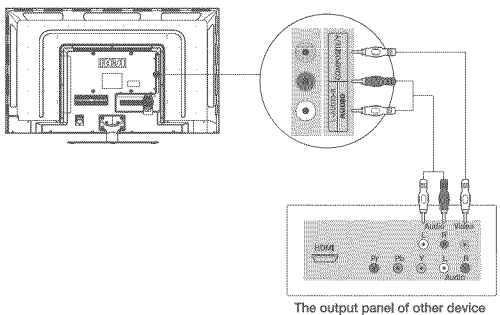
Composite connector will be shared with Component Y connector. To connect a composite AV device, such as a DVD player, follow these steps:

1. Connect the COMPOSITE jack on the side of TV to the video output jacks of device via video cable (yellow).
2. Connect the L-AUDIO-R jacks on the side 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.



1 2

Child Safety Guide

Congratulations on your purchase! As you enjoy your new product, please keep these safety tips in mind :

The Issue

The home theater entertainment experience is a growing trend and larger flat panel displays and popular purchases.

However, flat panel displays are not always supported on the proper stands or installed according to the manufacturer's recommendations.

Flat panel displays that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests or cats may fall over and cause injury.

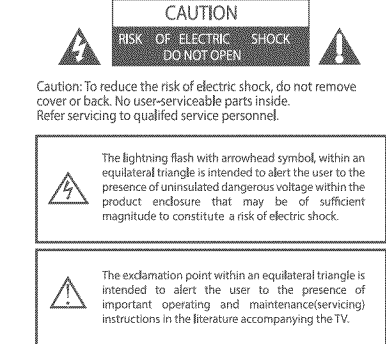
This Manufacturer Cares!

The consumer electronics industry is committed to making home entertainment enjoyable and safe.

Wall Mounting : IF YOU DECIDE TO WALL MOUNT YOUR FLAT PANEL DISPLAY, ALWAYS :

- Use a mount that has been recommended by the display manufacturer and/or listed by an independent laboratory (such as UL, CSA, ETL).
- Follow all instructions supplied by the display and wall mount manufacturers.
- If you have any doubts about your ability to safely install your flat panel display, contact your retailer about professional installation.
- Make sure that the wall where you are mounting the display is appropriate. Some block construction. If you are unsure, contact a professional installer.
- A minimum of two people are required for installation. Flat panel displays can be heavy.

Caution and Warning



Connecting YPbPr Component device (Better Video Quality)

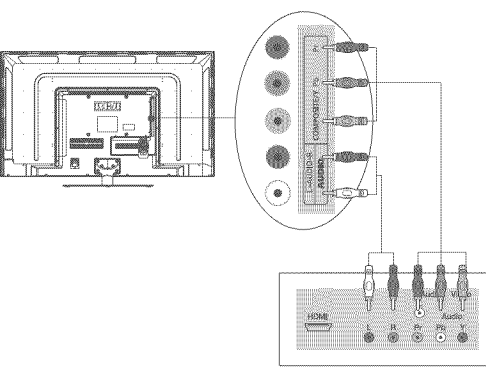
To connect a component device, such as a DVD player, follow these steps:

1. Connect the COMPONENT IN/Y/PbPr jack on the side of TV to the video output jacks of device via video cable (green, blue and red).
2. Connect the L-AUDIO-R jacks on the side 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/PbPr 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.



5 6

Connecting HDMI device (Best Video Quality)

To connect a HDMI device, such as a DVD player, please Connect the HDMI 1/ARC 2/DVI, jack on the side of TV to the output jacks of device via HDMI cable.

To connect a DVI device, via DVI port of PC or Device and HDMI jack of TV.

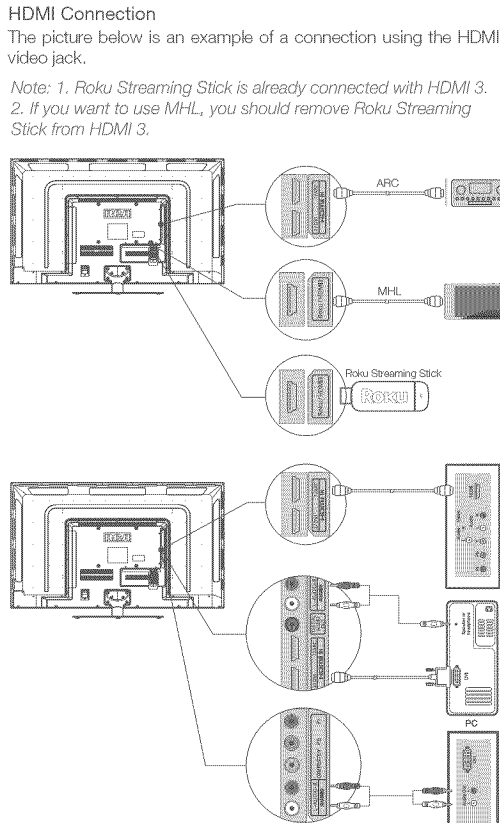
1. Connect the HDMI 2/DVI jack on the side of TV to the DVI port of PC via HDMI-DVI cable.

2. Connect the L-AUDIO-R jack on the side of TV to the audio output jack of computer with audio cable (dual-channel RCA jacks to 3.5mm stereo jack or the L-AUDIO-R jack).

To connect an ARC HDMI OUT device, please connect to the HDMI input port of the device such as amplifier.

Note: 1. 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.

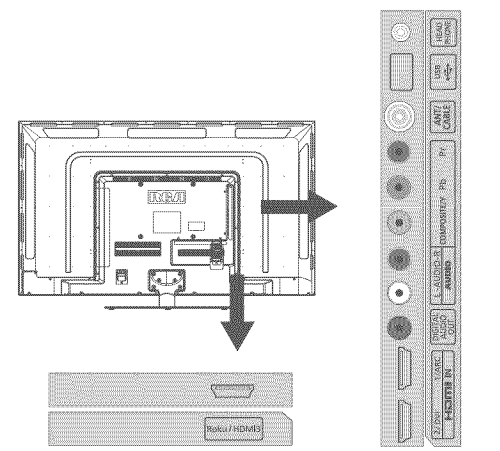
2. HDMI-DVI cable transfers only video signal from DVI port of DVI device to HDMI jack of TV. For audio signal, please connect audio output to L-AUDIO-R jack on TV back panel.



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 7, Basic Operation of TV.

TV Jacks Explanation



Guía de seguridad para niños

¡Muchas gracias por su uso del presente producto! Cuando usted disfruta de su nuevo producto, por favor tenga en cuenta los consejos de seguridad:

Posibles Problemas

- La experiencia de entretenimiento de cine en casa es una tendencia creciente y los grandes monitores de pantalla plana son muy populares.

embargo, los monitores de pantalla plana no se han instalado siempre en los soportes adecuados o instalado de acuerdo con las recomendaciones de fabricante.

- Los monitores de pantalla plana que se han instalado inadecuadamente en tocadores, estanterías, estantes, escritorios, oradores, baúles o carros se pueden caer y causar el daño corporal.

¿Al Fabricante le Importa

- La industria electrónica del consumidor está comprometida a hacer el entretenimiento de casa agradable y seguro.

2 3

Montaje de Pared: SI USTED DECIDE A MONTAR SU MONITOR DE PANTALLA PLANA LA PARED, SIEMPRE

- Use una montura que se ha recomendado por el fabricante de monitor y/o listado por un laboratorio independiente (como UL, CSA, ETL).
- Siga todas las instrucciones ofrecidas por el fabricante de monitor y montaje de pared.
- Si usted tiene cualquier duda sobre su habilidad para instalar seguramente su monitor de pantalla plana, contacte a su distribuidor para la instalación profesional.
- Compruebe que la pared donde se está montando el monitor es adecuada. Algunos montajes de la pared no son diseñados para ser montados a paredes con tachones de acero o la vieja construcción de bloque de ceniza. Si usted está inseguro, contacte a un instalador profesional.
- Por lo menos dos personas se requieren para la instalación. Los monitores de pantalla plana pueden ser pesados.

FCC Notice

Fcc 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.

Ajustar Hasta Seguridad

- Un tamaño fijo NO es adecuado para todos. siga las recomendaciones de fabricante para la instalación segura y el uso de su monitor de pantalla plana

- Lea con cuidado y entienda todas las instrucciones adjuntas para el uso propio de este producto.

- No permita a los niños a subir al equipo o jugar con muebles y televisores.

- No cloque los monitores de pantalla plana en el mueble que puede usar fácilmente como escalón, así como una cómoda.

- Recuerde que los niños pueden llegar a ser excitados al ver una programación, especialmente en el monitor de pantalla plana "más grande que vida". El cuidado se tiene que empezar por poner o instalar el monitor donde no se puede empujar, detener al cuidado del camino ni echar abajo.

- El cuidado se tiene que empezar por examinar todos los cordones y cables conectados al monitor de pantalla plana para que no se puedan tirar o agarrar conectados al monitor de pantalla plana para que no se pueden tirar o agarrar por los niños curiosos.

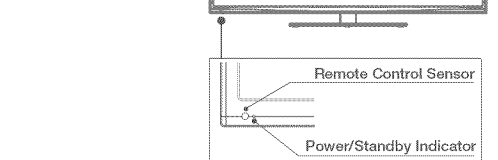
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.

Device complies with FDA radiation performance standards, 21 CFR subchapter. Caution: (Invisible) Laser Radiation when open. Do not stare into beam.

Front Panel

About remote control working distance and angle, see the quick start guide.



Power/Standby Indicator: Light up in red when the TV is in standby mode. Light out when the TV is on.

Remote Control Sensor: Remote control IR sensor, which receives infrared ray sent by remote control.

Codes for Cox Communications: 0178

Codes for Comcast: 10178

Codes for Dish Network: 827

Codes for Fios Verizon: 0205, 0057, 0493, 0775

Basic Operations

Turning On and Off

Connect the AC cord to power the LED LCD TV. At this time the TV will enter standby mode and power indicator will turn red. Use Power button (P) on the top panel of TV or on the remote control to 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 numeric 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 TV functions for some expendable 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 analog channel "D31-1", press "3", "1", "-", "1", "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.

Source Select
TV
AV
Component
HDMI 1
HDMI 2
Roku
USB
↑ Move ↓ Select

Channel Bar

Press the OK button on the remote control, when OSD (on-screen displays) not used, the channel bar will appear on the Bottom of the screen. It displays the current channel's information. The following list describes the items on the channel bar.

D14-1	ATSC-1	A2
Air 4:3	English 480i Jan-01 07:10 Sat	Stereo 480i CC Jan-01 07:10 Sat
DTV		
D14-1/A2	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 D5G-1 is a digital channel (-1 is a sub-channel number).	
ATSC-1	Displays the current TV signal type.	
English/Stereo	Displays whether the current channel is being broadcasted in stereo or not. When the current channel is digital, this space will be SAP (Second Audio Program) language.	
480i/480i	Displays the signal resolution.	
43/CC	Displays the screen aspect ratio. Display the CC status (on or off).	
Jan-01 07:10 Sat	Displays current program date and time. If the channel is Doby Digital AC-3, the double-D symbol is displayed.	

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

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 the program playing project. You can use left/right arrows to switch pages.

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 QUICK, CHANNEL, PICTURE, AUDIO, TIME, SETUP or LOCK and press OK/down button.

To exit the OSD menu:

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

Quick Menu

The Quick Menu contains menus and provides you a quick way to approached the main settings that may be most possibly and frequently approached. Picture Mode, Sound Mode, Closed Caption, Sleep Timer, and Channel List.

Channel Menu

The Channel Menu enables you to search, view and edit channels. It is available in TV mode only.

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 Keypad Lock function in the PARENTAL control Menu and press OK 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 8 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 connected 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 9 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 side panel not work.

The side panel may be locked (disabled). Use the remote control to turn on the TV.
Select the Keypad Lock function in the PARENTAL control Menu and press OK 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.

Can't select a certain channel.

The channel may be blocked or not approved in the PARENTAL control 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 AUDIO 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 10 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

CHANNEL						
Auto Scan						
Show / Hide						
Channel List						
Signal Type ◀ Air ▶						
DTV Signal ◀ Good ▶						
◀ Move Select Return						

Auto Scan

Execute an auto channel search.

Show / Hide

Enter sub-menu and press OK to show or hide the TV channel.

Channel List

Displays a channel list. It shows the current channels. Press OK to go to TV channel directly in sub-menu.

Signal Type

Select your TV signal type: Air or Cable.

DTV Signal(in DTV Mode)

Display how strong your TV signal is.

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.

PICTURE						
Picture Mode						
Color Mode ◀ Warm ▶						
Screen Size ◀ Wide ▶						
Noise Reduction ◀ Low ▶						
Dynamic Contrast ◀ Low ▶						
Video Style ◀ Video ▶						
◀ Move Select Return						

Picture Mode

Choose the preest visual mode for your TV. Standard, Movie, User, Dynamic, and Power Saving (Only in User mode you can adjust Brightness, Contrast, Color, Tint and Sharpness. Changes to Power Saving mode can decrease the power consumption.)

Color Mode

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.

Screen Size

Screen Size: Select a screen aspect ratio. (Available ratio: Wide, Cinema, Zoom, and Normal.) Please choose the ratio that applies to your video signal format best.

Noise Reduction

Set noise reduction as Off/low/Medium/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.

Dynamic Contrast

Set dynamic contrast Off/low/Medium/H-high.

Video Style

If you connect the HDMI/DVI port of PC to HDMI jack of the TV and the video signal is 1080p, please choose the **compatible video style**: Video, Graphic.

Audio Menu

The Audio Menu lets you adjust audio output.

AUDIO						
Sound Mode						
Audio Language ◀ English ▶						
Analog Audio Output ◀ STEREO ▶						
Digital Audio Output ◀ PCM ▶						
Surround ◀ Off ▶						
Audio Only ◀ Off ▶						
◀ Move Select Return						

Sound Mode

Choose the preset sound mode of your TV:

Standard, Soft, User, Dynamic. Only in User mode you can adjust Bass, Treble, Balance.

Audio Language

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

Analog Audio Output

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

Digital Audio Output

Set the audio output type as Off, PCM or Raw. Please set this option according to your power amplifier.

Surround

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

Audio Only

Press OK button to activate audio only mode. The TV will output only sound and the LED LCD panel will be turned off. To restore normal playing, hold POWER button for three seconds.

Auto Volume

Set auto volume control on/off.

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).

Time Menu

The Time Menu lets you change the TV time settings.

TIME						
Sleep Timer ◀ Off ▶						
Time Zone ◀ Eastern ▶						
Auto Clock ◀ On ▶						
Clock -----:--:--						
Wake Up 2014/118 12:0 PM						
OSD Display Duration ◀ 15 Sec. ▶						
◀ Move Select Return						

Sleep Timer

Set the sleep timer(Off, 5, 10, 15, 30, 60, 90, 120, 180, 240 Min).

The TV will automatically enter standby mode after times up.

Time Zone

Showing the country's time zone, you can Set Time zone Off Eastern, Central, Mountain, Pacific, Alaska, Hawaii, Samoa, Newfoundland, Atlantic.

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Auto Clock

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

Clock

Set your TV time manually (needs to turn off auto clock), press up/down and left/right arrow to config the current time.

Wake Up

Set the Wake Up time for your TV. After enters menu, you can use the up/down and left/right arrow on the remote control to adjust it.

OSD Display Duration

Select how long time to display OSD menu(5 Sec, 15 Sec, 30 Sec, 45 Sec, 60 Sec).

Setup Menu

The Setup Menu lets you config the TV with your preferences.

SETUP						
Menu Language ◀ English ▶						
Menu Transparency ◀ 0% ▶						
Closed Caption						
All reset						
Initial Setup Wizard						
Blue Background ◀ On ▶						
Display Style						
◀ Move Select Return						

Menu Language

Set the menu language. **Available languages:** English, French and Spanish.

Transparency

Set the menu transparency mode: 0%, 25%, 75% 100%.

Closed Caption

Set the closed caption, the detail is as follows.

SETUP						
Closed Caption						
Caption Display ◀ CC Off ▶						
Digital Caption Type						
Digital Caption Style						
Show or hide closed caption						
◀ Move ◀ Change Setting Return						

Caption Display

Select the caption display cc on or cc off.

Digital Caption Type

Select the digital closed caption type: service1, service2, Service3, Service4, Service5, Service6.

Digital Caption Style

Set the digital closed caption style. After changing, you can preview the caption style in the bottom.

- Mode: Decide whether you can change the settings on the CC Display Style.
- CC Size: Set the CC font size (Default, Normal, Large, Small).
- CC Font: Set the CC font (Default, Font 0 - 7).
- CC Opacity: Set the CC opacity color (Default, Solid, Flashing, Transparent, Transparent).
- Text Color: Set the CC text color (Default, White, Red, Green, Blue, Yellow, Magenta, Cyan).

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- CC Background Opacity: Set the CC background opacity (Default, Solid, Flashing, Transparent).
- CC Background: Set the CC background color. (Default, White, Red, Green, Blue, Yellow, Magenta, Cyan).

All reset

Execute reset to TV system. All setting will be reset to factory default.
Note: The OSD's appearance and color are referred to the actual appliance.

Blue Back

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

Select a time period for "No Signal Power Off". The TV will shut off after that period of time with no signal. We suggest you turn this function when Blue Back is turned on. It may hurt the LED LCD Panel if blue screen is on for too long.

ARC

Adopted in TV output of digital audio, can be connected to the device supporting ARC, transmit the TV sound to the device.

Lock Menu

TV can enable you to lock program with special content, panel key board and input source.

						
 LOCK	Parental Control -----					
 Move  Select  Return						