English

Part No.: RN0340R24004

LED LCD TV
USER'S MANUAL

MODEL
LED40G45RQ

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 service. The serial number is located at the back of the TV.

Serial Number

Date of Purchase

RCA
MADE FOR TODAY

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Child Safety Guide

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

CHILD SAFETY
It makes A Difference How and Where You Use Your Flat Panel Display

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 of 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.

Tune Into Safety

- One size does NOT fit all. follow the manufacturer's recommendation for the safe installation and use of your flat panel display.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't allow children to climb on or play with furniture and television sets.
- Don't place flat panel displays on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" flat panel display. Care should be taken to place or install the display where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the panel display so that they cannot be pulled or grabbed by curious children.

This Manufacturer Cares!

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

Wall Mounting : IF YOU DICIDE 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

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 constitte 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.

CEA
Consumer Electronics Association
www.CE org/safety

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:

SEGURIDAD DE NIÑOS:
El Cómo y Dónde Usted Usar Su Monitor de Pantalla Plana Marca La Diferencia

Posibles Problemeas

- 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 inadecuadament en tocadores, estanterías, estantes, escritorios, oradores, baúle s o carros se pueden caer y causar el daño corporal.

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 televisiones.
- No cloque los monitores de pantalla plana en el mueble quese 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 moniotr donde no se puede empujar, detener al castado del camino ni echar abajo.
- El cuidado se tiene que empezar por encaminar 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.

¡Al Fabricante le Importa

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

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

- Use una montura que se ha recomendadop or el fabricante de monitor y/o listado por un laboratorio independiente(como U L, 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 adonde 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 puede 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 ca use 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 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.

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.
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)

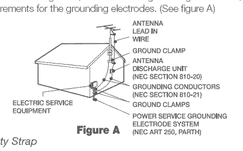


Figure A

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).

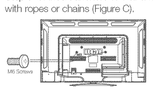


Figure B

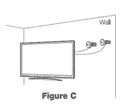


Figure C

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

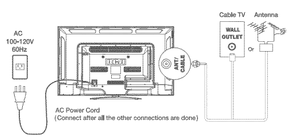
The first step in connecting your TV is obtaining the signal. Your TV LED40G45RQ has a back panel, which allows you to receive analog and/or digital television channels via ANT/CABLE jack. Before connecting your TV, determine using an antenna or a cable service to obtain the signal.

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 LED40G45RQ 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 1/DVI/MHL, 2/ARC	HDMI-DVI cable HDMI cable MHL cable	Go to page 6

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.

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:

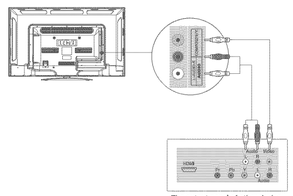
1.Connect the COMPOSITE jack on the side of TV to the video output jacks of device via video cable (yellow).

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.



The output panel of other device

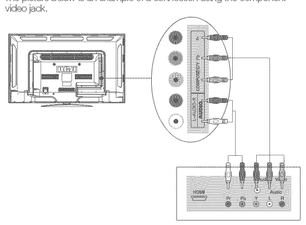
Connecting YPbPr Component device
(Better Video Quality)

To connect a component device, such as a DVD player, follow these steps:
1.Connect the COMPONENT IN Y/Pb/Pr 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/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.



Connecting HDMI device (Best Video Quality)

To connect a HDMI device, such as a DVD player, please Connect the HDMI1/DVI/MHL, 2/ARC 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 HDMI1/DVI/MHL jack on the side of TV to the DVI port of PC via HDMI-DVI cable.

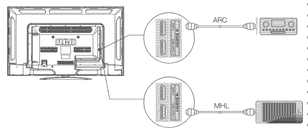
2. Connect the L-AUDIO-R jack on the side of TV to the audio output jack of computer with audio cable (dual-channel RCA jacks to 3.5mm stereo jack or the L-AUDIO-R jack).

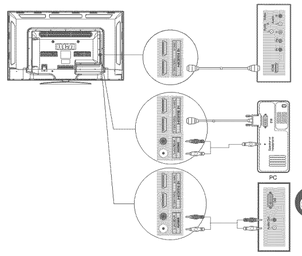
To connect an ARC HDMI OUT device, please connect to the HDMI input port of the device such as amplifier,

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.

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

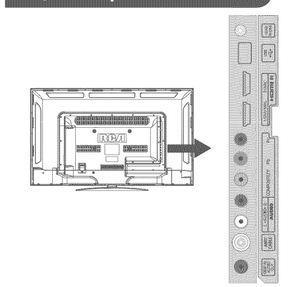




How to Obtain Various Kinds of Input Sources

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



HEAD PHONE: Connect a 3.5mm headphone for personal audio.
USB: Connect your USB storage device to enjoy music/photo files on your TV. (Also used for service purpose).

HDMI IN
HDMI1/DVI, 2: (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.
MHL: (Mobile High-Definition Link) To standard HDMI input, transmit the video/audio from portable electronic device (cellphone,digital camera, digital-video camera) to TV set.
ARC: (Audio Return Channel)Adopted in TV output of digital audio, can be connected to the device supporting ARC, transmit the TV sound to the device.

COMPONENT Y/Pb/Pr: 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 OK button at last to confirm.

Y/Pb/Pr (Component Video): They provide good picture quality because the video signal is separated into three components. Use three video-grade or component video cables for the connection. When using Y/Pb/Pr, make sure you connect left and right audio cables to the AUDIO IN R/L jacks.

L-AUDIO-R, COMPOSITE: 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 OK button at last to confirm.

AUDIO IN L: Left audio channel connection. The left audio connector is usually white. For mono audio sources, be sure to use the left AUDIO INPUT.

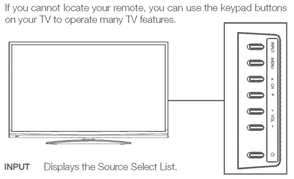
AUDIO IN R: Right audio channel connection. The right audio connector is usually red.

ANT/CABLE: Connect to receive the signal from your antenna or cable via coaxial cable.

Digital Audio out: Connect a coaxial cable for digital audio output.

Keypad and Front Panel

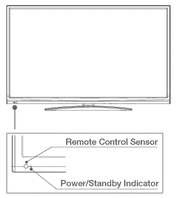
Keypad Buttons
If you cannot locate your remote, you can use the keypad buttons on your TV to operate many TV features.



INPUT	Displays the Source Select List.
MENU	Displays the TV Main Menu.
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.
⏻	Turns the TV on and off.

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: 627

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 (⏻) 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 ATV functions for some expansible 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
USB
▲▼ Move / OK Select

Channel Bar

Press the OK button on the remote control, when OSD (on-screen display)is 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
Air	English
4:3	480i
	Jan-01 07:10 Sat

DTV

A2	
Air	Stereo
CC	480i
	Jan-01 07:10 Sat

ATV

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 D50-1 is a digital channel (- 1 is a sub-channel number).

ATSC-1 Display the current channel number

English/Stereo Displays whether the current channel is being broadcasted in stereo or mono. If the current channel is digital, this space will be SAP (Second Audio Program) language.

480i/480i Displays the signal resolution.

4:3/CC Displays the screen aspect ratio. Display the CC status (on or off).

Jan-01 07:10 Sat Displays current program 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.

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 OK 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.

Press the up and down arrow to move to a different option within each menu. If necessary, press OK 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 HOME 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 approach the main settings that may be most possibly and frequently approached. Press MENU on the remote and then you will see the Quick Menu showing on your screen. Press the down button to proceed the Quick Menu. Use up/down to choose the function you need, press OK to enter a sub-menu and press left/right arrow to adjust a sub-menu.

QUICK MENU

Picture Mode	
Sound Mode	
Closed Caption	
Sleep Timer	Off
Channel List	

Move · OK Select · MENU Return

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/down button to proceed to CHANNEL menu.

CHANNEL

Auto Scan	
Show / Hide	
Channel List	
Signal Type	Air
DTV Signal	Good

Move · OK Select · MENU Return

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

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.

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

PICTURE

Picture Mode	
Color Mode	Warm
Screen Size	Wide
Noise Reduction	Low
Dynamic Contrast	Low
Video Style	Video

Move · OK Select · MENU Return

Use up/down to choose the function you need, press OK or right arrow to adjust or enter a sub-menu. The detailed explanation are shown below. If available,use the text at the bottom of each screen for help.

Picture Mode
Choose the preset visual mode of your TV:
Standard, Movie, User, Dynamic, 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.)

- **Brightness:** Adjust the brightness of picture.
- **Contrast:** Adjust the contrast of color.
- **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.

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.

Dynamic Contrast
Set dynamic contrast Off/low/Medium/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.

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.

Audio Menu

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

AUDIO

Sound Mode	
Audio Language	English
Analog Audio Output	STEREO
Digital Audio Output	PCM
Surround	Off
Audio Only	Off

Move · OK Select · MENU Return

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

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

- 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.

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
Creates 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). 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.

Time Menu

The Time Menu lets you change the TV time settings. To access the Time Menu, press MENU on the remote, and then select Time from the Main Menu.

TIME

Sleep Timer	Off
Time Zone	Eastern
Auto Clock	On
Clock	----/--/-- --:--
Wake Up	2014/1/18 12:0 PM
OSD Display Duration	15 Sec.

Move · OK Select · MENU Return

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

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.

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
Set the time how long 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. Select SETUP from the Main Menu. Press OK/down button to proceed to SETUP menu.

SETUP

Menu Language	English
Menu Transparency	0%
Closed Caption	
All reset	
Initial Setup Wizard	
Blue Background	On

Move · OK Select · MENU Return

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

Menu Language
To choose your menu language, press the left/right arrow until the language you need appears. **Available languages:** English, French and Spanish.

Menu Transparency
To choose your menu transparency mode, press the left/right arrow until the transparency you need appears: 0%, 25%, 75% 100%.

Closed Caption
Press OK to enter closed caption sub-menu, the detail as follow:

SETUP
Closed Caption

Caption Display	CC Off
Digital Caption Type	
Digital Caption Style	

Show or hide closed caption

Move · Change Setting · MENU Return

Caption Display
Press left/right arrow to select caption display cc on or cc off.

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

Digital Caption Style
Press left/right arrow to go to digital closed caption style sub-menu, to select the closed caption 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 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 Color: Set the CC opacity color (Default, Solid, Flashing, Translucent, Transparent).
- Text Color: Set the CC text color (Default, White, Red, Green, Blue, Yellow, Magenta, Cyan).
- CC Background Opacity: Set the CC background opacity (Default, Solid, Flashing, Translucent, Transparent).
- CC Background: Set the CC background color (Default, White, Red, Green, Blue, Yellow, Magenta, Cyan).

All reset
Press OK button to execute reset to TV system. All the settings will be reset to factory default.
Note: The OSD's appearance and color are referred to the actual appliance.

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 left/right arrow to select a time period (Off, 1 Min, 5 Min, 10 Min) for "No Signal Power Off". The TV will shut off after that period of time while no signal. We suggest you turn on 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

The Lock Menu enables you to lock program with special content, panel key board and input source. Press MENU on the remote and choose Lock Menu from the Main Menu. Press the down button to proceed the Lock Menu. The menu image and explanation are shown below.

LOCK

Parental Control	----

Move · OK Select · MENU Return

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, Keypad Lock and Source Lock, Clear Channel List sub-menu.

LOCK
Parental Control

Change PIN	
Input Block	
V-CHIP	
Keypad Lock	
Clear Channel List	Execute
Remote	Off

Change your 4-digit PIN

Move · OK Change Setting · MENU Return

Change PIN
Change the PIN of parental menu.

Input Block
This option allows you to lock or unlock the input source. The source blocked can not be chosen from input list unless you input the correct parental password. Use up/down arrow to select the source, press OK to lock or unlock it.

V-Chip
Press OK to enter V-Chip sub-menu, the detail as follow:

LOCK
V-CHIP

US V-CHIP	
Canada V-CHIP	
Block UnRated Show	
Downloadable Rating	
Clear Downloadable Data	

Restrict movie and TV programs by US Ratings

Move · OK Change Setting · MENU Return

US V-Chip
Press OK to enter US V-Chip ratings menu, which contains two sub-menus: TV rating and Movie Rating.

TV Rating
Similar with Movie Rating. After adjusting, press MENU to return or press HOME to exit the menu.

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

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.

Rating	Detail
G	General Audience (no restrictions).
PG	Parental guidance suggested.
PG-13	Parents strongly cautioned.
R	Restricted. Children under 17 should be accompanied by an adult.
NC-17	No children under age 17.
X	Adults only.

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

English Rating
Press OK 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 is blocked, 14+ and 18+ will be blocked at the same time.

Rating	Detail
C	Programming intended for children under age 8.
C8+	Programming generally considered acceptable for children 8 years and over to watch on their own.
G	General programming, suitable for all audiences.
PG	Parental Guidance
14+	Programming contains themes or content which may not be suitable for viewers under age of 14.
18+	Adult programming

French Rating
Press OK to enter French rating menu. Similar with English Rating.

Rating	Detail
G	General
8ans+	Programming generally considered acceptable for children 8 years and over to watch on their own.
13ans+	Programming may not be suitable for children under the age of 13.
16ans+	Programming is not suitable for children under the age of 16.
18ans+	Programming restricted to adults.

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

Block Unrated Show
Block all the unrated program.

Clear Downloadable Data
Activate or downloadable rating data. if available.

Keypad Lock
Select this option to block or unblock the TV's side panel buttons so that they can't be used.

Clear Channel List
This option allows you to execute Clear Channel List function. This function will reset the whole TV system to factory default (not only reset OSD menu).

Remote
select your remote: Off, remote1 or remote2. this is for special purpose.

Frequently Asked Questions (FAQs)

What's the most convenient way to view High Definition (HD) video?
Connect an antenna to the TV Input jack to view free local digital channels. You may need to purchase an antenna. (See page 5 for more information about antenna setup).
Visit www.antennaweb.org for assistance in deciding what type of antenna to use to receive the local digital channels available to you. After entering your location, this mapping program tells you which local analog and digital stations are available using a certain antenna.

Are there other ways to view High Definition(HD) video?
Besides using an antenna as mentioned above, you can also use a set-top box to receive digital video.
Contact your cable service provider or satellite provider to purchase digital programming and have them connect the box to ensure you are viewing channels in the best way.

How do I tell an analog channel from a digital channel?
Press the OK button to display the Channel Bar. when OSD (on-screen display)is not used, Look at the top right corner of the screen. An "A" is displayed for an analog channel. A "D" is displayed for a digital channel.
Note: Since the analog TV in America has been cut off, we reserve analog TV function only for some unexpected use.

Why are there bars on my screen, and can I get rid of them?
Most digital video is sent in a 16/9 format which fills your screen, but is sometimes sent in 4/3 which does not fill your screen. It depends on how the station or device connected to your TV is formatting the video. If there are bars on the screen, Check Screen size in the picture mode to try a different format that may eliminate the bars. Some bars can't be removed because of the way the format is sent by the broadcaster. The format changes as you choose screen size type in the picture mode and the format type is displayed at the bottom of the screen. For more information on screen size, go to page 9.

Why does channel search find a lot of channels, but when I try to tune to them, there's nothing there?
Some channels don't carry programming, such as video On Demand. When channels are unavailable, your TV screen is blank or appears like snow. You probably want to remove these channels from your channel list. Remove these in the Channel List Menu. Go to page 8 for more information.

Why does it take a long time when I search the channels at first time?
If you have both analog and digital channels, the TV is looking for all available channels in the channel list. If you do have digital channels, the TV is also searching for scrambled channels, non-scrambled channels, and each sub-channel of that digital channel.

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.
- 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 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 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 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 don't 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.

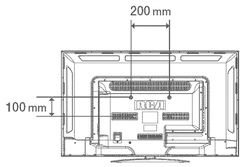
If this happens frequently, the voltage in your house may be abnormal.

The Remote control doesn't work.
-There may be an AC power failure or the power cord unplugged in.
- 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 control to check the settings.

What else can I do?
If you've been through the Troubleshooting section and nothing has fixed your problem, try rebooting your TV.
Note that after a reboot, you may need to run your TV through the setup process again. To reboot, unplug the power cord from the wall outlet or power strip.
Keep your TV unplugged for about 5 minutes. Then plug in the TV and turn it on. See if the problem is fixed.
If the problem remains, then please visit the Customer Support Menu at www.rca.com or updated FAQs or contact RCA Customer Support at the support number provided in your Warranty card.

Wall Mounting Unit Specification



Model	Unit Dimension (unit:mm)	Screw
LED40G45RQ	VESA 200 x 100	M6 screws, length 12mm

Note

A. The wall mount is not contained in the accessories sold with television. We only provide the 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.

C. We suggest that you keep your TV at least 2.36 inches(60mm) from the wall to prevent cable interference.

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. Or else, 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.

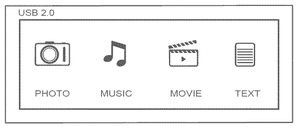
11. After installing, if there is any need to move the cabinet, please contact the qualified professionals.

USB Media Play

With USB Media Play, you can enjoy music and photo files stored in a USB storage device on your RCA TV.

Connecting a USB storage device

- Connect a USB storage device to the USB port in the back of the TV.
- Press "INPUT" and select "USB".
- "USB Media Play" menu will appear.



Playing back Photo files
- Press arrow (◀/▶) to select "Photo" and press "OK".
- The file or folder list will show up. Press arrow(▲/▼) to select a file or folder. Press "OK" , and you will be given several options to view photo files.
- You can directly open and playback the file. View thumbnails for photo preview, or play slideshow.

Playing back Music files
- Press arrow (◀/▶) to select "Music" and press "OK".
- The file or folder list will show up. Press arrow(▲/▼) to select a file or folder. Press "OK" to playback the music file you selected.

Playing back Movie files
- Press arrow (◀/▶) to select "MOVIE" and press "OK".
- The file or folder list will show up. Press arrow(▲/▼) to select a file or folder. Press "OK" to playback the movie file you selected.

Playing back Text files
Similar to the photo menu. You can use TEXT menu to access and display text on your mobile devices.

Media Support Specification

Supported Files	
• Photo	JPG/JPEG files
• Music	WAV files
• Movie	MPG files
Supported USB storage/file system format	
• USB Storage	USB flash drive
• File System format	FAT32

Caution: Do not turn off the TV or disconnect USB storage device while the TV is playing back picture or music.
This may result in loss of data or damage to the USB storage device, and RCA is not responsible for any damage to, or loss of, data on the USB storage device.

Product Specification

Model		LED40G45RQ
Diagonal Display Size		40 inches
Television System		American TV standard ATSC/NTSC system
Channel Coverage		VHF : 2~13 UHF : 14~69 CATV : 1~135
Temperature		Storage Temperature is -20℃ ~ +60℃ ,-4℉ ~ +140℉
		Operating Temperature is 0℃ ~ +50℃ ; +32℉ ~ +122℉
Humidity		Storage Humidity : Less than 85%RH (No condensation)
		Operation Humidity : Less than 80%RH (No condensation)
Power Supply		AC 100-120V, 60Hz
Connection Interface	RF input	Cable/Antenna × 1
	Video input	AV × 1
		Component × 1
		HDMI × 2
	Audio input	AV × 1
	Audio output	Headphone × 1, Digital Audio Out × 1
Resolution		1920 × 1080
Component/HDML mode		480i, 480p, 720p, 1080i, 1080p
Dimensions	With stand	36.4"W × 22.8"H × 7.7"D
	Without stand	36.4"W × 21.7"H × 3.9"D
Weight	With stand	19.2LBS(8.7KGS)
	Without stand	18.3LBS(8.3KGS)
Power Consumption		less than 59W

Notice: Specifications and cabinet design are subject to change without notice.

Limited Warranty for USA

Coverage - Labor
For a period of 12 months from date of purchase of your RCA product, we will pay an authorized RCA service center the labor charge to repair any defects in materials or workmanship in your television.If your television is unrepairable we will provide you with a refurbished unit of the same or better model.

Coverage - Parts
For a period of 12 months from date of purchase of your RCA product, we will pay an authorized RCA service center for the new,or at our option, refurbished replacement parts needed to repair any defects in material or workmanship in your television. If your television is unrepairable we will provide you with a refurbished unit of the same or better model.

Coverage - LED LCD Panel
For a period of 12 months from date of purchase of your RCA product, we will pay an authorized RCA service center for the new, or at our option, refurbished LED LCD panel needed to repair any defects in material or workmanship in your television. If your television is unrepairable we will provide you with a refurbished unit of the same or better model.

How to Obtain Service
For assistance (U.S.A) - if you purchased RCA product in U.S.A, please call 1-888-977-6722.
Or visit www.rca.com

The service representative will review your options for service.

As a convenience we offer three ways to obtain warranty service.

You may mail your product to the address provided by the service representative, you may take your product to an authorized service center, or you may request in home service (servicer will determine if product is serviceable in home or must be taken back to local service center for repair). Service representative will supply instructions for preferred service. At the time of service proof of purchase such as original receipt, will be required. Only 37" LCD size and above are applicable for in-home-service.

Items Not Covered By Limited Warranty

Your limited warranty does not cover the following items:
-Un-installation, installation and adjustment of customer controls and operating instruction.
-Batteries and customer replacement fuses
-Damage due to misuse, abuse, negligence or neglect including but, not limited to, damage resulting from exposure to moisture, humidity or salt.
-Inability to receive a signal due to problems not caused by the product.
-Damage to the product due to images burnt into the screen.
-Product purchased or serviced outside of Country of Original Purchase.
-i.e. Purchased USA can not be serviced in Mexico/Purchased in Mexico can not be serviced in USA.
-Product modified or incorporated into other products.
-Damage due to acts of nature, including but not limited to,lightning damage or flooding.
-Service calls which do not involve any defect in materials or workmanship.

Commercial Use Excluded
This limited warranty only applies to products used for personal use and does not cover any product used for institutional, commercial or rental purposes.

LIMITATION OF WARRANTY

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Garantia limitada para EE.UU

Cobertura-Trabajo
Durante un periodo de 12 meses desde la fecha de compra de su producto RCA, pagaremos a un centro autorizado de servicio de RCA el cargo de mano de obra para reparar cualquier defecto en materiales o mano de obra en el televisor.
Si su televisor es irreparable que le proporcionara una unidad reacondicionada del mismo modelo o superior.

Cobertura / Recambios
Durante un periodo de 12 meses desde la fecha de compra de su producto RCA, pagaremos a un centro autorizado de servicio de RCA para un reemplazar ya sea con partes nuevas o reacondicionadas, o a nuestra opcion, para reparar cualquier defecto del material o mano de obra en el televisor.
Si su televisor es irreparable que le proporcionara una unidad reacondicionada del mismo modelo o superior.

Panel de Cobertura-LED LCD
Durante un periodo de 12 meses desde la fecha de compra de su producto RCA, pagaremos un centro autorizado de servicio de RCA para un reemplazar la pantalla LED LCD, ya sea con pantalla nueva o reacondicionada, o a nuestra opcion, para reparar cualquier defecto del material o mano de obra en la pantalla de su televisor. Si su televisor es irreparable que le proporcionara una unidad reacondicionada del mismo modelo o superior.-

Como Obtener Servicio
Para asistencia en Estados Unidos (E.U.A) si compro un aparato RCA en E.U.A. favor dellamar al: 1-888-977-6722
o visite: www.rca.com

El representante de Servicio revisara sus opciones para el servicio. Para su comodidad le ofrecemos tres formas de obtener servicio de garantía.

Usted puede enviar su producto a la direccion proporcionada por el representante de servicio, usted puede llevar su producto a un centro de servicio autorizado, o puede solicitar en el servicio a domicilio (administrador determinara si el producto se encuentre en funcionamiento en casa o debe ser llevado de vuelta a servicio local tecnico para su reparacion).

El representante del Servicio le proporcionara las instrucciones para el servicio preferido.

Se requiere del comprobante de compra original.

Solo se les dara servicio a Domicilio a Televisores de 37 " pulgadas de tamano y mas grandes.

Elementos no cubiertos por la garantia limitada Su garantia limitada no cubre los siguientes temas:

- Un-instalacion, montaje y ajuste de controles del cliente e instrucciones de funcionamiento.
- Las pilas y los fusibles de repuesto al cliente.
- Danos por uso indebido, abuso, negligencia o desculido incluyendo pero no limitado a, los danos derivados de la exposicion a la humedad, la humedad o la sal.
- Incapacidad para recibir la senal debido a los problemas que no son causadas por el producto.
- Danos en el producto debido a las imagenes de grabadas en la pantalla.
- Productos comprados o prestar servicios fuera del pais de compra original.
Ej: Comprado en Estados Unidos no puede prestar servicios en Mexico/Comprado en Mexico no puede prestar servicios en Estados Unidos.
- Productos modificados o incorporados a otros productos.
- Danos debidos a fenomenos de la naturaleza, incluyendo pero no limitado a, danos por rayos o inundaciones.
- Las llamadas de servicio que no impliquen cualquier defecto en materiales o mano de obra.

Uso Comercial Exclusion
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