

LED LCD TV USER'S MANUAL

MODEL
LED20G30RQ

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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Safety Precautions

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- 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.
- Clean only with dry cloth.
- 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.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.

- 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.

- 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)

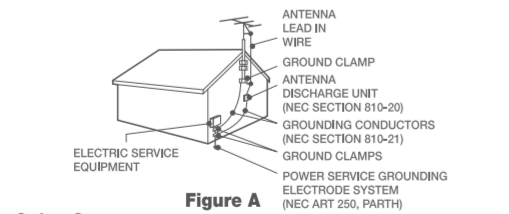


Figure A

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).

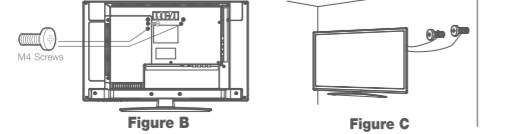


Figure B

Figure C

CONTENTS

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 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.

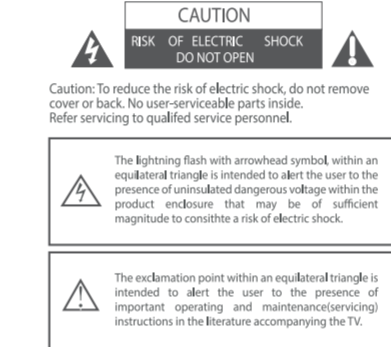
This Manufacturer Cares!

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



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.

Cable Connections

Choose Your Connections

TV LED20G30RQ 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	Component video cable	Go to page 6
HDMI/MHL	HDMI cable / MHL cable	Go to page 6
SOUND PC VGA	Audio cable with 3.5mm terminal / VGA cable	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)

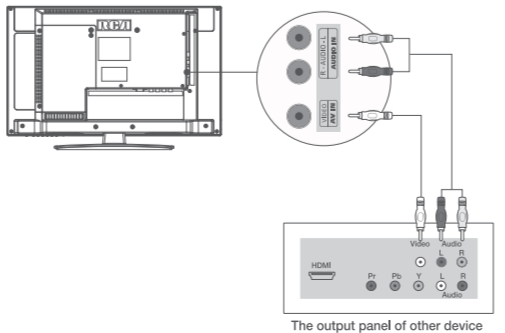
Composite connector will be shared with Component Y connector. To connect a composite AV device, such as a DVD player, follow these steps:

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.

Component Video Connection

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



Connecting YPbPr Component device (Better Video Quality)

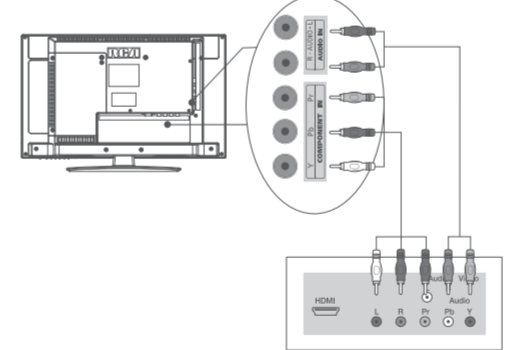
To connect a component device, such as a DVD player, follow these steps:

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)

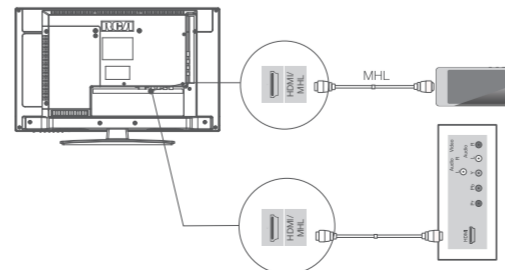
To connect an HDMI device, such as a DVD player, please Connect the HDMI/MHL jack on the side of TV to the output jacks of device via HDMI cable.

1. Connect the HDMI1/MHL jack on the side of TV to the MHL port of Mobile High-Definition Link via MHL 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).

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.

HDMI Connection

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



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.

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 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 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.



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 se 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 encaminar todos los cordones y cables conectados al monitor de pantalla plana para que no se pueden tirar o agarrar conectados al monitor de pantalla plana para que no se pueden tirar o agarrar por los niños curiosos.

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 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 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.

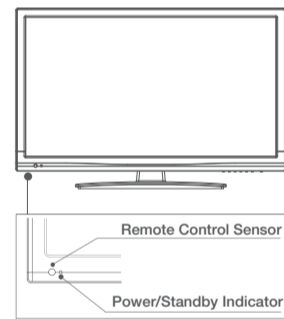
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 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: 627

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

Basic Operations

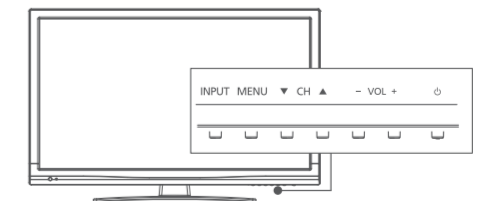
Turning On and Off

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 (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.

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.

Power Turns the TV on and off.

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 "51", "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 "31", "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
PC
USB
Menu
OK Select

Channel Bar

Press the OK button on the remote control, when OSD (on-screen display)s 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	A2	
Air 4:3	English 480i Jan-01 07:10 Sat	CC	Stereo 480i Jan-01 07:10 Sat
	DTV		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 TV signal type.

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. If the channel is Dolby 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 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 EXIT button. The menu will clear from the screen.
- Press the MENU button repeatedly until the menus disappear.

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)s is not used, Lock 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 will 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.

- 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.

Make sure the TV is being a weak station. Use the AUDIO Menu and set Analog Sound as Mono.

A black box appears on the screen.

Close 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.

						
PICTURE						
<div style="display: flex; justify-content: space-between;"> Picture Mode ◀ Warm ▶ </div> <div style="display: flex; justify-content: space-between;"> Sound Mode ◀ Wide ▶ </div> <div style="display: flex; justify-content: space-between;"> Closed Caption ◀ Off ▶ </div> <div style="display: flex; justify-content: space-between;"> Sleep Timer ◀ Off ▶ </div> <div style="display: flex; justify-content: space-between;"> Channel List ◀ Off ▶ </div>						
<div style="display: flex; justify-content: space-between;"> Move Select Return </div>						

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						
<div style="display: flex; justify-content: space-between;"> Auto Scan Show / Hide </div> <div style="display: flex; justify-content: space-between;"> Channel List Digital Type ◀ Air ▶ </div> <div style="display: flex; justify-content: space-between;"> TV Signal ◀ All Good ▶ </div>						
<div style="display: flex; justify-content: space-between;"> Move Select Return </div>						

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						
<div style="display: flex; justify-content: space-between;"> Sound Mode Audio Language ◀ English ▶ </div> <div style="display: flex; justify-content: space-between;"> Analog Audio Output ◀ STEREO ▶ </div> <div style="display: flex; justify-content: space-between;"> Digital Audio Output ◀ PCM ▶ </div> <div style="display: flex; justify-content: space-between;"> Surround ◀ Off ▶ </div> <div style="display: flex; justify-content: space-between;"> Audio Only ◀ Off ▶ </div>						
<div style="display: flex; justify-content: space-between;"> Move Select Return </div>						

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.

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 unlock 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.

A black box appears on the screen.

Close 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.

- If you can't get black and white pictures from external device that you've connected to your TV, maybe it is due to the video

are eligible. Do not place the mount on soft walls such as earth walls and plasterboards.

4. If space 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 crepage, 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.

12. 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. Set the problem as 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.

USB Media Play

Wall Mounting Unit Specification

						
PICTURE						
<div style="display: flex; justify-content: space-between;"> Picture Mode ◀ Warm ▶ </div> <div style="display: flex; justify-content: space-between;"> Color Mode ◀ Warm ▶ </div> <div style="display: flex; justify-content: space-between;"> Screen Size ◀ Wide ▶ </div> <div style="display: flex; justify-content: space-between;"> Noise Reduction ◀ Low ▶ </div> <div style="display: flex; justify-content: space-between;"> Dynamic Contrast ◀ Low ▶ </div> <div style="display: flex; justify-content: space-between;"> Video Style ◀ Video ▶ </div>						
<div style="display: flex; justify-content: space-between;"> Move Select Return </div>						

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.

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

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/High.

Video Style

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








Note: This model doesn't support Video Style function.

PC Settings (only available in PC mode)

- Auto Adjust: Adjust the PC picture display automatically.
- Horizontal Position: Adjust the horizontal position of picture.
- Vertical Position: Adjust the vertical position of picture.
- Clock: Adjust the clock of picture.
- Phase: Adjust the phase of picture.
- Reset: Reset all the PC picture settings to factory default.

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						
<div style="display: flex; justify-content: space-between;"> Sound Mode Audio Language ◀ English ▶ </div> <div style="display: flex; justify-content: space-between;"> Analog Audio Output ◀ STEREO ▶ </div> <div style="display: flex; justify-content: space-between;"> Digital Audio Output ◀ PCM ▶ </div> <div style="display: flex; justify-content: space-between;"> Surround ◀ Off ▶ </div> <div style="display: flex; justify-content: space-between;"> Audio Only ◀ Off ▶ </div>						
<div style="display: flex; justify-content: space-between;"> Move Select Return </div>						

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

Set your TV signal type: Air or Cable.

DTV Signal(In DTV Mode)

Display how strong your TV signal is.

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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.

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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.

Make sure the TV is being a weak station. Use the AUDIO Menu and set Analog Sound as Mono.

A black box appears on the screen.

Close captioning might be on. Check Closed Caption in the SETUP menu. Go to page 10 for more instructions.

Problems with the HDMI Connection.

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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.