



USER'S MANUAL

32" HD LED TV

LT-32EP3140

32"

Contents

- **Introduction**
- **Safety and Warnings**
- **FCC Notice**
- **Identifying Front and Rear Panel**
- **Main Unit Description**
- **Remote Control**
- **OSD Basic Adjustment**
- **How Do I Clean The TV**
- **Troubleshooting**
- **Specifications**

Introduction

Thank you very much for purchasing your LED TV. It serves as a normal colour TV and a PC monitor. To enjoy your set fully from the very beginning, read this manual carefully and keep it handy for future reference.

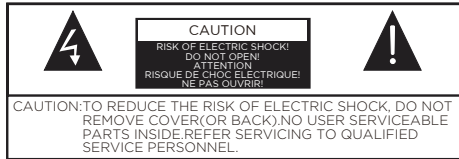
PERSONAL SAFETY NOTICE

- ALWAYS read and follow all instructions for the installation and use of the TV.
- Place the TV in a location that is level and sturdy.
- DO NOT place the TV on a furniture with drawers that can be used as steps by small children.
- DO NOT allow children to pull the TV or climb on the furniture where the TV is placed.
- DO NOT allow children to play in front of or around the TV.
- ALWAYS route all the cables connecting to the TV so the cables cannot be easily pulled and grabbed by children.
- When installing the TV on a wall, please purchase a TV mount recommended by a professional TV installer, and follow the installation instructions that come with the TV mount.
- Before installing the TV on a wall, please check to make sure the wall structure can support the weight of the TV and the mount. If in doubt, please ask the advice from a professional TV installer.
- People should not be turning on the TV before checking that the power cord is inserted “well”.
- People should be checking the voltage of the AC power receptacle and the TV before plugging in the TV.

INSTALLATION

- ① Locate the receiver in the room where direct light does not strike the screen. Total darkness or a reflection on the picture screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.
- ② Allow enough space between the receiver and the wall to permit ventilation.
- ③ Avoid excessively warm locations to prevent possible damage to the cabinet or premature component failure.
- ④ This TV can be connected to AC 100-240V~ 50/60Hz.
- ⑤ Do not install the TV in a location near heat sources such as radiators, air ducts, direct sunlight, or in closed compartments and closed areas. Do not cover the ventilation openings when using the TV.
- ⑥ The indicator light will last for about 30 seconds after the power has been turned off. Wait until the indicator light goes out before repowering the TV.

Safety and Warnings



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



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

WARNING : TO PREVENT FIRE OF SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE

TO RAIN OR MOISTURE.

TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

CAUTION : TO PREVENT ELECTRIC SHOCK. DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

Important Note:

In the spaces below, enter the model and serial number of your television (located at the rear of the television cabinet). Staple your sales receipt or invoice to the inside cover of this guide. Keep the carton and original packaging for future use.

Model Name: _____

Serial No.: _____

Location of the required marking

The rating sheet and the safety caution are on the rear of the unit.

BATTERY PRECAUTIONS:

- Batteries should not be exposed to excessive heat such as sunshine, fire or the like.
 - The remote control unit uses infrared beams to transmit signals, so sunlight or fluorescent light on the remote sensor may shorten operating distance.
 - Incorrect use of batteries may cause them to leak or burst. Read the battery warning and use the batteries properly.
 - Do not mix old and new batteries.
 - Do not mix alkaline, standard(carbon-zinc), or rechargeable,(Ni-Cd, Ni-MH, etc.) batteries.
- Remove batteries if the remote control will not be operated for an extended period of time.

FCC Notice

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.

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

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

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

FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons.

Supplier's Declaration of Conformity

Trade Name: LT-32EP3140

Responsible Party: JSP, LLC.

Address: 7801 Hayvenhurst Avenue, Van Nuys, CA 91406 USA

Telephone No. 888-582-8870

Contact Information: <https://jvcproducts.com>

Safety and Warnings

IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with non abrasive dry cloth.
- 7) Do not block any ventilation openings, install in accordance with the instructions.
- 8) Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protected 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) Unplug this apparatus during lighting storms or when unused for long periods of time.
- 13) 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.
- 14) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- 15) Do not cover the ventilation opening with items such as newspapers, table-cloth, curtains, etc.
- 16) No naked flame sources, such as lighted candles, should be placed on the apparatus.
- 17) Attention should be drawn to the environmental aspects of battery disposal.
- 18) Use apparatus in moderate climate.
- 19) The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- 20) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



The symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.



The symbol indicates that there are important operating and maintenance instructions in the literature accompany this unit.

WARNING:

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

WARNING:

The batteries shall not be exposed to excessive heat such as, fire or the like.

WARNING:

The excessive sound pressure from earphones and headphones can cause hearing loss.



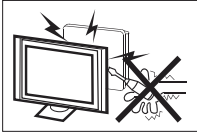
The symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.



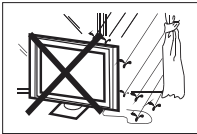
This marking indicates that this product should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

FOR RECYCLING INFORMATION, PLEASE GO TO JVCPRODUCTS.COM or CONTACT CUSTOMER SERVICE. CUSTOMER SERVICE - 1-888-582-8870 PLEASE HAVE THE MODEL NUMBER READY PRIOR TO CALLING.

Safety and Warnings



High voltages are used in the operation of this television receiver. Do not remove the cabinet back from your set. Refer servicing to qualified service personnel.



To prevent fire or electrical shock hazard, do not expose the television receiver to rain or moisture.



Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



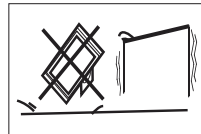
Do not block the ventilation holes in the back cover. Adequate ventilation is essential to prevent failure of electrical components.



Do not trap the power supply cord under the television receiver.



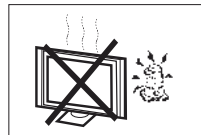
Never stand on, lean on, or suddenly push the television or its stand. You should pay special attention to children. Serious injury may result if it falls.



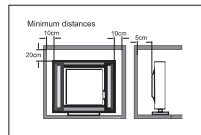
Do not place your television on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it falls. Recommended to utilize rear mount screw holes for anti-tipping (hardware not included)



When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



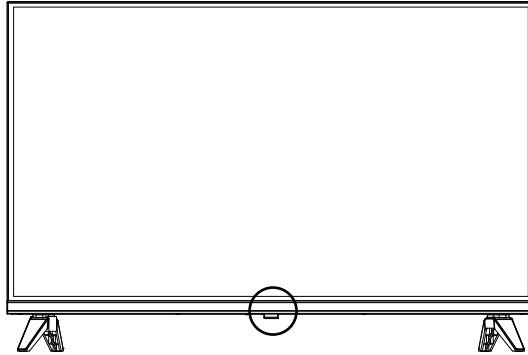
Avoid exposing the television receiver to direct sunlight and other sources of heat. Do not stand the television receiver directly on other products which give off heat, e.g. video cassette players and audio amplifiers. Do not place naked flame sources, such as lighted candles on the television.



If the television is to be built into a compartment or similar enclosure, the minimum distances must be maintained. Heat build-up can reduce the service life of your television, and can also be dangerous.

Identifying Front and Rear Panel

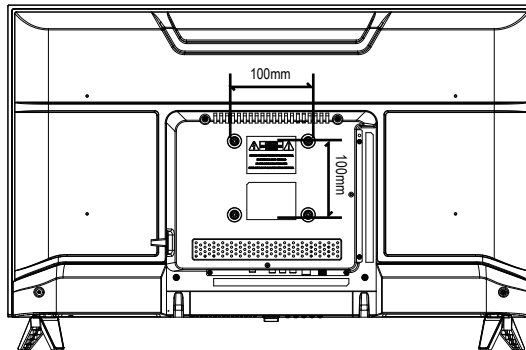
Front View



INDICATOR LIGHT – The light is red when power is plugged in but the TV is not turned on. The light turns blue when the TV is turned on. **Because of the LED in the panel, the TV might take 10 – 12 seconds to power on.**

REMOTE SENSOR – The remote sensor receives all the commands from the remote control.

Rear View Mounting Pattern



Mounting Specification : **100mm x 100mm** using screw size **M6**. Length of screw should not exceed **8mm** . Please Note : The **8mm** length of screw refers to how deep the screw can go inside the mounting holes. When you're buying screws, you should add the original **8mm** to the thickness of your mounting plate in order to get the total screw length.

Installing Batteries to the Remote Control

Please insert two AAA batteries into the remote control. Make sure that you match the (+) and (-) symbols on the batteries with the (+) and (-) symbols inside the battery compartment. Afterwards, re-attach the battery cover.



Please note:

Only use AAA batteries.

Do not mix new and old batteries. This may result in cracking or leakage that may pose a fire risk or lead to personal injury.

Inserting the batteries incorrectly may also result in cracking or leakage that may pose a fire risk or lead to personal injury.

Dispose the batteries in accordance with local laws and regulations.

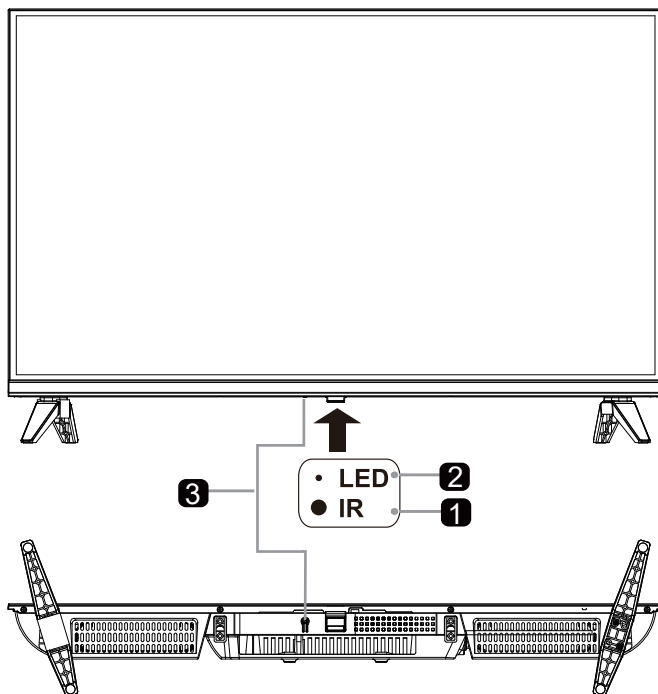
Keep the batteries away from children and pets.

If the remote control is not used for a long time, remove the batteries.

Keep the remote control away from moisture, sunlight, and high temperatures.

Main unit description

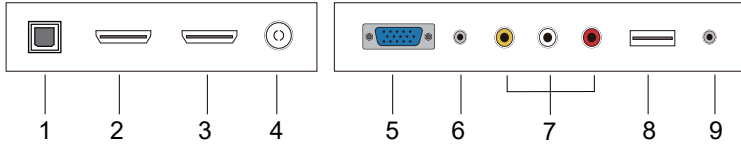
Control Panel Button Function



1. REMOTE SENSOR: infrared sensor for the remote control.
2. POWER INDICATOR: The LED will be blue when the TV is powered on.
Red when TV is powered off.
3. Press “POWER/  ” button to turn the TV on or off.

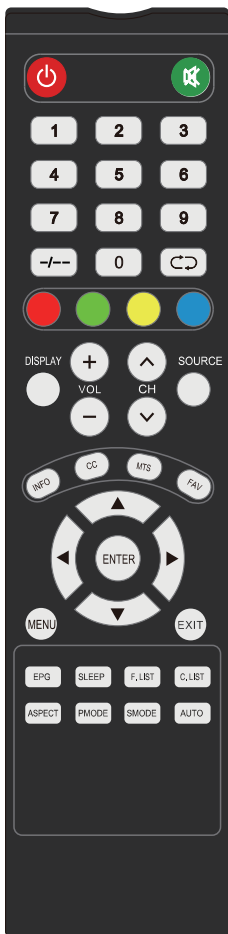
Main unit description

TV Terminal Connections



1. Optical output terminal.
2. HDMI1(ARC) input terminal.
3. HDMI2 input terminal.
4. RF antenna.
5. VGA input terminal.
6. PC AUDIO input terminal.
7. AV IN input terminal.
8. USB MEDIA PLAYER: Connect USB device, such as flash disk to access media function of TV.
Note: It can not play video format.
9. Earphone terminal.

Remote control



POWER: Power on/off button, press once to turn the TV on and press again to turn the TV off.

MUTE: Press this button to mute or restore sound.

0-9: Select and switch to a channel using 0 - 9.

-/--: Switch the program digit.

↔: Switch back and front between the current and previous channels.

RED, GREEN, YELLOW, CYAN: These control function of these buttons do not apply to this model.

DISPLAY: Display TV information.

VOL+/VOL-: Adjust the volume.

CH+/CH-: Change the channel.

SOURCE: Press to change signal source.

INFO: Display some information of current program in TV mode.

CC: Press this key to select the CC ,ON or OFF mode and CC on Mute .

MTS/AUDIO: When stereo program is received, press this key to switch sound system between mono and stereo.

When SAP program is received, press this button to switch sound system between mono and SAP

When stereo and SAP program is received, press this key to switch among mono, stereo and SAP.

Press this key to show the list of audio languages available for the current channel in ATSC.

FAV: Switch between custom set "Favorite List"

ENTER: Enter the selected option or perform the selected operation.

MENU: Press this button to enter the main menu.

EXIT: Exit the OSD (On-screen display).

EPG: Enter electronic program guide

SLEEP: Set the sleep timer.

F.LIST: Press this key to display the Favorite List mode.

C.LIST: Press this key to display the channel list mode.

ASPECT: Press to adjust picture ratio.

PMODE: Select picture mode.

SMODE: Select sound mode.

AUTO: This button does not apply to this product.

OSD basic adjustment

Installation Guide

Press **MENU** button to display the **MAIN OSD MENU**; Press **◀/▶** button to select the MENU you want; Press **ENTER** button to enter the sub menu; Press **▼/▲** button to select the option and then press **◀/▶** to adjust the value in the sub menu; You can press **MENU** button to go back to the upper menu or **EXIT** button to close the OSD.

PICTURE

You can select the type of picture, which best corresponds to your viewing. Press the “MENU” button to enter the OSD menu. Then press “◀/▶” button to select the “PICTURE” menu.

1. Press “▼” button to select “Picture Mode”, press “◀/▶” button to select.
2. Press “▲/▼” button to select “Brightness” and press the “◀/▶” button to enter brightness adjustment menu to adjust brightness.
3. Press “▲/▼” button to select “Contrast” and press the “◀/▶” button to enter contrast adjustment menu to adjust contrast.
4. Press “▲/▼” button to select “Color” and press the “◀/▶” button to enter color adjustment menu to adjust color.
5. Press “▲/▼” button to select “Tint” and press the “◀/▶” button to enter hue adjustment menu to adjust tint. That adjusting tint will affect the skin tone. -50 will increase red, +50 will increase green. Ideally, the tint scale on the TV OSD should show the red/green color for easy adjustment.
6. Press “▲/▼” button to select “Sharpness” and press the “◀/▶” button to enter sharpness adjustment menu to adjust sharpness.
7. Press “▲/▼” button to select “Color Temperature” and press the “◀/▶” button to select.
8. Press “▲/▼” button to select “Advanced Setting” and press the “ENTER/▶” button to enter sub-menu.

- a. Press “▲/▼” button to select



“Aspect Ratio” and press the “◀/▶” button to select.

b. Press “▲/▼” button to select “Noise Reduction” and press the “◀/▶” button to select.

c. Press “▲/▼” button to select “Dynamic Contrast” and press the “◀/▶” button to select “On” or “Off”.

SOUND

You can select the type of sound, which best corresponds to your listening.

Press the “MENU” button to enter the OSD menu .Then press “◀/▶” button to select the “SOUND” menu.

1. Press “▼” button to select “Sound Mode” and press the “◀/▶” button to select.
2. Press “▲/▼” button to select “Treble” and press the “◀/▶” button to adjust.
3. Press “▲/▼” button to select “Bass” and press the “◀/▶” button to adjust.
4. Press “▲/▼” button to select “Balance” and press the “◀/▶” button to adjust.
5. Press “▲/▼” button to select “MTS” and press the “◀/▶” button to adjust.



Note: This setting is only for ATV.

6. Press “▲/▼” button to select “Audio Language” and press the “◀/▶” button to adjust.

Note: This setting is only for DTV.

7. Press “▲/▼” button to select “Digital Audio Output” and press the “◀/▶” button to adjust.
8. Press “▲/▼” button to select “AVL” and press the “◀/▶” button to select “On” or “Off”.

TIME

Press the “MENU” button to enter the OSD menu .Then press “◀/▶” button to select the “TIME” menu.

1. Press “▼” button to select “Sleep Timer” and press the “◀/▶” button to enter sleep timer adjustment menu to adjust sleep timer.
2. Press “▲/▼” button to select “Time Zone” and press the “◀/▶” button to enter time zone adjustment menu to select the local time zone.
3. Press “▲/▼” button to select “Daylight Saving Time” and press the “◀/▶” button to select “On” or “Off”.



4. Press “▲/▼” button to select “Time Format” and press the “◀/▶” button to select “12-hour” or “24-hour”.
5. Press “▲/▼” button to select “Clock” and press the “ENTER/▶” button to adjust.

SETUP

Press the “MENU” button to enter the OSD menu .Then press “◀/▶” button to select the “Setup” menu.

1. Press “▼” button to select “Menu Language” and press the “◀/▶” button to select the OSD language which you desire.
2. Press “▲/▼” button to elect “Transparent” and press the “◀/▶” button to select.
3. Press “▲/▼” button to select “OSD Timeout” the “◀/▶” button to adjust OSD timeout.
4. Press “▲/▼” button to select “Closed Caption” and press the “ENTER/▶” button to enter sub-menu.



- a. Press “▲/▼” button to select “CC Mode” the “◀/▶” button to adjust.
- b. Press “▲/▼” button to select “Analog CC” the “◀/▶” button to adjust.
- c. Press “▲/▼” button to select “Digital CC” the “◀/▶” button to adjust.
- d. Press “▲/▼” button to select “Option” the “ENTER/▶” button to enter sub-menu.



Note:The above settings c and d are only for DTV.

Note:The option is for setting the digital closed captioning.

- (a). Press “▲/▼” button to select “Mode” the “◀/▶” button to adjust.
- (b). Press “▲/▼” button to select “Font Style” the “◀/▶” button to adjust.
- (c). Press “▲/▼” button to select “Font Size” the “◀/▶” button to adjust.
- (d). Press “▲/▼” button to select “Font Edge Style” the “◀/▶” button to adjust.



(e). Press “▲/▼” button to select “Font Edge Color” the “◀/▶” button to adjust.

(f). Press “▲/▼” button to select “FG Color” the “◀/▶” button to adjust.

(g). Press “▲/▼” button to select “BG Color” the “◀/▶” button to adjust.

(h). Press “▲/▼” button to select “FG Opacity” the “◀/▶” button to adjust.

(i). Press “▲/▼” button to select “BG Opacity” the “◀/▶” button to adjust.

Note: All the option it is not available in Custom.

5. Press “▲/▼” button to select “HDMI CEC” and press the “ENTER/▶” button to enter sub-menu.

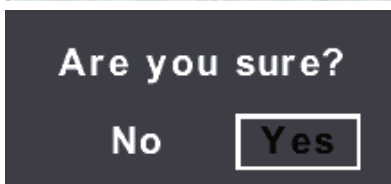
6. Press “▲/▼” button to select “Other Settings” and press the “ENTER/▶” button to enter sub-menu.

a. Press “▲/▼” button to select “Blue Screen” the “◀/▶” button to select “On” or “Off”.

b. Press “▲/▼” button to select “Audio Only” the “◀/▶” button to select “On” or “Off”.



7. Press “▲/▼” button to select “Restore Default” and press the “ENTER/▶”, Press “◀/▶” button selecting “Yes” to restore all setting to default setting default.



8. Press “▲/▼” button to select “Setup wizard” and press the “ENTER” button to enter sub-menu.

a. Press “▲/▼” button to select “Menu Language” and press the “◀/▶” button to select language.

b. Press “▲/▼” button to select “Go to next step” and press the “ENTER/▶” button to enter next step.



c. Press “▲/▼” button to select “Time Zone” and press the “◀/▶” button to

select time zone.

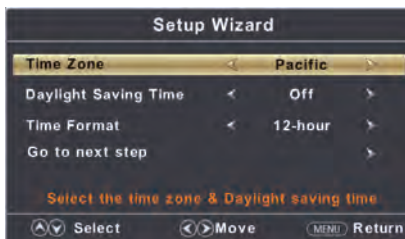
d. Press “▲/▼” button to select “Daylight Saving Time” and press the “◀/▶” button to select “On” or “Off”.

e. Press “▲/▼” button to select “Time Format” and press the “◀/▶” button to select “12-hour” or “24-hour”.

f. Press “▲/▼” button to select “Go to next step” and press the “ENTER/▶” button to enter next step.

g. Press “▲/▼” button to select “Air/Cable” and press the “◀/▶” button to select “Air” or “Cable”.

h. Press “▲/▼” button to select “Go to next step” and press the “ENTER/▶” button to start auto scan.



Note: Searching platform will take a long time.

9. Press “▼/▲” button to select “Voice Guidance” and press the “ENTER” button to enter sub-menu.

a. Press “▼/▲” button to select “Voice Guidance” and press the “◀/▶” button to select “On” or “Off”.

b. Press “▼/▲” button to select “Volume” and press the “◀/▶” button to select “Low/Medium/High”.

c. Press “▼/▲” button to select “Speed” and press the “◀/▶” button to select “Fast/Slow/Normal”.

d. Press “▼/▲” button to select “Pitch” and press the “◀/▶” button to select “Low/Medium/High”.

10. Press “▼▲” button to select “VideoDescription” and press the “◀/▶” button to select “On” or “Off”.

LOCK

Press the “MENU” button to enter the OSD menu .Then press “◀/▶” button to select the “Lock” menu.

1. Press “▼” button to select “Enter Password” and press select digital button to enter.

Note: The default password is “0000”



2. Press **▼ / ▲** button to select “Change Password”, then press “ENTER/►” button to adjust the value.

If the password is changed, all of the passwords in the menu will be changed at the same time.



3. Press “**▲/▼**” button to select “System Lock” and press the “**◀/▶**” button to select “On” or “Off”.

4. Press **▼ / ▲** button to select “Input Lock”, then press “ENTER/►” button to enter sub-menu.

- a. Press “**▲/▼**” button to select “TV” and press the “**◀/▶**” button to select “Block” or “Unblock”.



- b. Press “**▲/▼**” button to select “AV” and press the “**◀/▶**” button to select “Block” or “Unblock”.

- c. Press “**▲/▼**” button to select “HDMI” and press the “**◀/▶**” button to select “Block” or “Unblock”.

- d. Press “**▲/▼**” button to select “HDMI 2” and press the “**◀/▶**” button to select “Block” or “Unblock”.

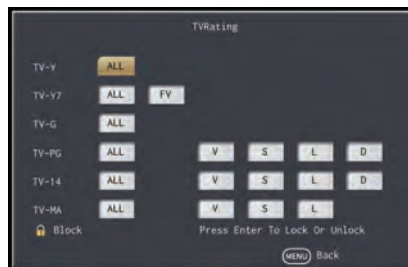
- e. Press “**▲/▼**” button to select “MEDIA” and press the “**◀/▶**” button to select “Block” or “Unblock”.

5. Press “**▲/▼**” button to select “US Rating” and press “ENTER/►” button to enter sub-menu.

- a. Press “**▲/▼**” button to select “TV” and press “ENTER/►” button to enter sub-menu.

Press “**▲/▼**” button to select and press “ENTER” to block or unblock.

- b. Press “**▲/▼**” button to select “MPAA” and press the “**◀/▶**” button to select “Off/G/PG/PG-13/R/NC-17/X”.



USB Media Player

USB Media Menu

Before operating Media menu, Plug in USB device, then press SOURCE button.

Press ▼/▲ button to select USB Media Player in the Source menu, then press Enter button to enter.

Press ◀/▶ button to select the option you want to adjust in the main Media menu, then press Enter button to enter.

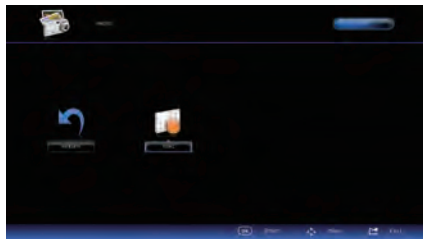


Photo Menu

Press ◀/▶ button to select PHOTO in the main menu, then press Enter button to enter.

Press ◀/▶ button to select drive disk you want to watch, then press Enter button to enter.

Press ◀/▶ button to select return option to back to the previous menu.



Press ◀/▶ button to select the file you want to watch in the file selecting menu, then press media button to display picture.



Press ◀/▶ button to select the file folder you want to search in the file selecting menu, then press Enter button on your remote control to enter sub-menu.

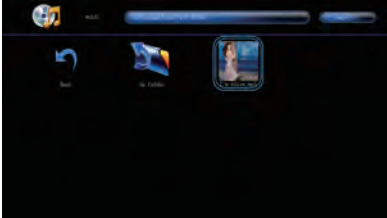
USB Media Player

Music Menu

Press ◀/▶ button to select MUSIC in the main menu, then press Enter button to enter.

Press menu button to return back to the previous menu and exit menu to quit.

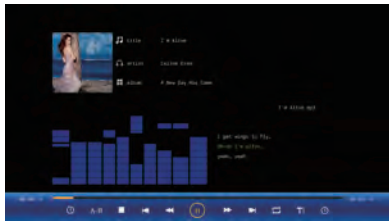
Press ◀/▶ button to select drive disk you want to watch, then press Enter button to enter.



Press ◀/▶ button to select the file you want to watch in the file selecting menu, then press

Enter button to add the file to play list, press media button to display and operate file details.

When highlighting the option you select, the file information will appear on the right.



Press ◀/▶ button to select menu in the bottom you want to run, then press Enter button to operate.

Press Menu button to back to the previous menu and exit button to quit the entire menu.

Press button to hide the menu into the button.

Text Menu

Press ◀/▶ button to select TEXT in the main menu, then press Enter button to enter.

Press menu button to return back to the previous menu and exit menu to quit.

Press ◀/▶ button to select drive disk you want to watch, then press Enter button to enter.

When reading Text books, press FF button of remote to next page, press FR button of remote to previous page. Press Next button of remote to next part or chapter, press PREV button of remote to previous part or chapter. Press the EXIT button of remote to return submenu.



How do I Clean the TV?

IMPORTANT

1. The power cable has to be removed from the socket before cleaning the TV.
2. Do not use volatile solvent (alcohol, rosin, and toluene) to clean the TV. These types of chemicals might damage the housing and the LED glass.

Cleaning the bezel and remote control

1. Use a 100% cotton cloth or micro-fiber cloth for cleaning.
2. If the remote control or bezel is dirty to the point where you cannot simply dry wipe it, please lightly dampen the wiping material (**the wiping material cannot be dripping wet, because if water drips into the panel it will cause malfunction and possible permanent damage to the panel which will not be covered under the warranty**) with clean water and wipe again. Wipe the display with a dry micro-fiber cloth or 100% cotton cloth afterwards.

Please Note :

- Make sure you wring the water out of the cloth before cleaning the bezel or remote in order to prevent water from penetrating into the electronics.

Cleaning the Screen

1. Use a 100% cotton cloth or micro-fiber cloth for cleaning.
2. The LED screen glass is extremely fragile. Do not scrape it with any material. Do not press or tap the screen to avoid cracking. When the screen is dirty to the point where you cannot simply dry wipe it, please lightly dampen the wiping material with clean water and wipe again. Wipe the display with a dry micro-fiber cloth or 100% cotton cloth afterwards.

Troubleshooting

The following table contains the common problems and the solutions to these problems. Please check this list before you contact the technicians.

Problems	Solutions
NO PICTURE	Connect power cord correctly.
	Turn on power.
	Connect video cable correctly.
	Select the input signal source with proper cable connection with the source button.
ABNORMAL COLORS	Match the colors on the cables to the ports off the back of the television. I.E. red cable to red colored port.
PICTURE IS TOO DARK	Adjust your contrast, brightness and lamp settings from the OSD Menu. For adjust controls
AUDIO ONLY NO PICTURE	Make sure you have connected both your video and audio cables.
	The TV's tuner signal must not be lower than 65 %.
PICTURE ONLY NO AUDIO	Make sure the audio cable is connected.
	Readjust your volume via the remote control.
	The TV's tuner signal must not be lower than 65 %.
REMOTE CONTROL DOES NOT WORK	Turn off the TV, unplug it from the socket. Remove the batteries out of the remote for 30 minutes. Press the remote buttons and the power button randomly for a good 2 seconds, and then reinstall the batteries. Try the remote to see if it works. For battery removal instructions.
	The TV's remote sensor is also housed in the same place as the power indicator light. Please make sure there is line of sight from the remote control's front sensor to the remote sensor of the TV.
CANNOT RECEIVE SUFFICIENT CHANNELS THROUGH THE ATSC/NTSC TUNER	The TV's tuner signal must not be lower than 65 %. Change the direction of your antenna and rescan your channels. If you have cable call up your cable company and ask about signal strength of your local cable.
NO COLOR	Please adjust your picture setup and make sure the saturation and the RGB are not turned all the way down. For adjustment controls.
	The TV's tuner signal must not be lower than 65 %. Check your signal.
WEAK SIGNAL OR NO PROGRAM SYMBOL ON SCREEN	The TV's tuner signal must not be lower than 65 %. Change the direction of your antenna and rescan your channels. If you have cable call up your cable company and ask about signal strength of your local cable.

Problems	Solutions
TV CHANNELS ARE BLOCKED	Check your auto lock function's settings inside the OSD. You may have locked up some channels but forgot about them.
THE TV TURNS ON OR OFF SLOWLY AND THE SCREEN SHOWS UP SLOWLY	This TV is a High Definition liquid crystal display panel TV. It requires a few more seconds than normal TVs to power up and show the picture.
HDCP VIDEO SAYS NO HDCP SUPPORT	Reboot your HDCP video device but turning them off and unplugging the power cord. Wait up to 8 minutes to plug the power back in to see if it works or not.
HDCP VIDEO HAS NO AUDIO	Make sure you have a 3.5 mm mini-jack cable connected from your HDCP video device's sound output to the TV's VGA STEREO INPUT. If your HDCP video device uses RCA AUDIO jacks, you'll need to obtain a RCA audio converted into 3.5 mm mini-jack cable.
PICTURE IS DISTORTED OR HAS ABNORMAL SOUND	This might be from interference from large electrical appliances, cars, motorcycles, or fluorescent lights. If the TV is close to the wall, try moving the TV to another room in your house to see if the problem still occurs.
PICTURE DOES NOT COVER THE ENTIRE SCREEN	If you're using HDMI or a TV digital channel make sure you use the ASPECT button to switch to 16:9 format. If you are using VGA, use the AUTO ADJUST function to adjust to the screen. Please Note : If you are using regular analog TV, AV, or component in 480i resolution, use the ASPECT button to switch to 16:9 in order to fill up the screen. Please Note : This note this feature will distort the picture.
PICTURE QUALITY IS HORRIBLE!!	For best image quality, view HD widescreen programs where possible. If HD content is not available view "Standard Definition" from a digital source. Standard, analog TV will always be noticeable inferior to HD because your TV has video that is many times better than old TV's and so you can see interference and deficiencies you did not KNOW you had.
PICTURE HAS PIXELS THAT ARE ALWAYS DISPLAYING THE SAME COLOR	Your TV is manufactured using an extremely high level of precision technology, however, sometimes some pixels of your TV may not display. Pixels defects within industry specifications are inherent to this type of product and do not constitute a defective product.
I CANNOT CHANGE THE TIME MANUALLY	Your TV syncs time automatically according to your local TV channel. This function only works while the TV's tuner is connected to an ANTENNA.
BIG BLACK BOX IN THE MIDDLE OF SCREEN	You have turned on closed captioning and are using TEXT1 – TEXT4. Change the setting to CC1 or turn off closed captioning and the box will disappear.

Problems	Solutions
SWITCHING A CHANNEL OR SOURCE CHANGES THE VOLUME	Different channels and inputs will sometimes have this effect because the channel signal's own volume is already loud. There is no way remove this completely. The TV has an AUTO VOLUME LEVEL function that can combat this type of effect. Please make sure that function is turned on.
THERE IS NOISE OR TRASH PIXELS ON THE SCREEN	When your TV's resolution is higher than the digital channel's broadcast resolution, the signal is up-converted to match your TV's resolution. Up-converting can cause this type of effect.
TIPS FOR HIGH DEFINITION USERS	The TV is an ideal platform for viewing High Definition Content. The best image quality can be achieved by HDMI, YPbPr (Component), However, due to variances in broadcast practices, it is possible some image distortions can occur.
TIPS FOR LETTERBOX CONTENT USERS	Letterboxed (Widescreen) versions of DVD movies are most commonly formatted for standard 4:3 TVs. The TV has the capability of expanding this content so the entire screen is filled at the expense of the image proportion. To use this function press the aspect button on the remote control and cycle among the available options.
I CANNOT FIND THE VOLUME AND CHANNEL CHANGING BUTTONS	The buttons are represented by the ▲▼◀▶ buttons located on the remote control. ▲▼ changes the channels and ▶ changes the volume.
TV TURNS OFF AUTOMATICALLY AFTER 5 MINUTES	The TV features a power saving mode which will automatically turn off the TV, if there's no signal provided for more than 5 minutes.
MY TV PICTURE IS VERY DIM	Check to see if you are under POWER SAVING mode for your picture mode. Keep pressing the PICTURE button on the remote control to cycle out of POWER SAVING.

Specifications

Screen Size (Diagonal)		80.01 cm
Resolution		1366 × 768
Screen Aspect Ratio		16:9
TV System		ATSC Digital system and NTSC Analog NTSC-M system
Channel Reception		Cable: 1-135 Air: 2 - 69
Audio Output Power		6W x 2
Input Connectors	RF	1
	HDMI	2
	AV	1
	USB	1
	VGA & PC AUDIO	1
Output Connectors	Digital Audio Out (Optical)	1
	Earphone	1
Maximum Power Consumption		60 W
Power Requirement		AC 100 - 240 V, 50/60 Hz



This product is manufactured, distributed, serviced and warranted exclusively by E & S International Enterprises, Inc., either directly or through JSP, LLC.

7801 Hayvanhurst Ave, Van Nuys CA 91406.

"JVC" is the trademark of JVCKENWOOD Corporation, used by such company under license.