JVC

LED Display Users Guide

LT-50N530Z 50" class

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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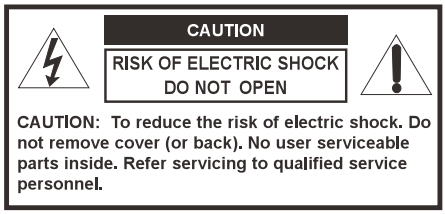
Safety warning



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 to persons.

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 OR SHOCK HAZARDS, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

CAUTION: TO ENSURE PERSONAL SAFETY, OBSERVE THE FOLLOWING RULES REGARDING THE USE OF THIS UNIT.

1. Operate only from the power source specified on the unit.
2. Avoid damaging the AC plug and power cord.
3. Avoid improper installation and never position the unit where good ventilation is unattainable.
4. Do not allow objects or liquid into the cabinet openings.
5. In the event of trouble, unplug the unit and call a service technician. Do not attempt to repair it yourself or remove the rear cover.

Changes or modifications not approved by JVC could void the warranty.

* When you don't use this TV set for a long period of time, be sure to disconnect both the power plug from the AC outlet and antenna for your safety.
* 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.

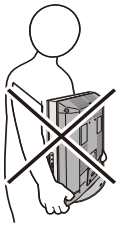
Do not attempt to service the product yourself

Caution
To prevent electrical shock, do not open the cabinet.
There are no user serviceable parts inside.
Please refer to qualified service personnel for repairs.

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 dry cloth.
7) Do not block any ventilation openings. Ventilation should not be impeded by covering the ventilation openings with items such as newspapers, table-cloths, curtains etc. There must be a minimum distance of 5cm clear space around the unit at all times to ensure proper ventilation.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. No naked flame sources, such as lit candles, should be placed on or near the unit.
9) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

10) Only use attachments/accessories specified by the manufacturer.
11) 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.
12) Unplug this apparatus during lightning 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) Apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.
15) Place the television on a stable, flat surface. Failure to do so can result in the television falling, causing injury.
16) Do not allow young children to play around or on the television. Do not hang from the unit.
17) Do not allow young children to play with the plastic bag that came with the television when you unpacked it. Failure to do so can result in suffocation, which may lead to death.
18) Avoid improper installation and never position the unit where good ventilation is impossible. When installing this unit, distance recommendations must be maintained between the set and the wall, as well as inside a tightly enclosed area or piece of furniture. Keep to the minimum distance guidelines shown for safe operation.
19) Cautions for installation
    -Do not tilt the unit towards the left or right, or towards the back.
    -Ensure the power cord is out of the path of foot traffic
    -The unit will generate a slight amount of heat during operation. Ensure that sufficient space is available around the unit to allow satisfactory cooling.
    -Have two people remove the unit from the box with the screen facing away from you. It is possible that your clothing, (such as a belt buckle or button) may scratch the front of the unit. Do the same when moving the unit to another location.



20) When attaching to a wall, use a suitable wall mounting unit.
    Caution
    -Consult qualified installers.
    -JVC is not responsible for damages or injuries due to improper mounting.
    -Use with an improper wall mounting unit is capable of resulting in instability or causing possible injury.
21) Make enough room for inserting and removing the power plug. Place the unit as close to the outlet as possible. The main power supply for this unit is controlled by inserting or removing the power plug. Physically disconnecting the power plug is the only way to completely disconnect the unit from the mains power source.
22) Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
23) When this unit is connected to the wall outlet, it is always on standby even when all the LED lamps are not lit. To shut down the unit, unplug the unit from the wall outlet.
24) If the supply cord is damaged, it must be replaced before further use by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
25) Always place the TV on furniture that can safely support the TV. Make sure the ends of the TV do not overhang the edge of the supporting furniture.
26) Do not place the TV on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the TV to a wall or other suitably strong support.
27) Do not stand the TV on cloth or other materials placed between the TV and the supporting furniture.
28) Where the mains plug is used as the disconnect device, the disconnect device shall remain readily operable.

IMPORTANT INFORMATION

Televisions that are not positioned in sufficiently stable locations can present potential falling hazards.
To avoid injuries, particularly to children, take the following simple precautions:

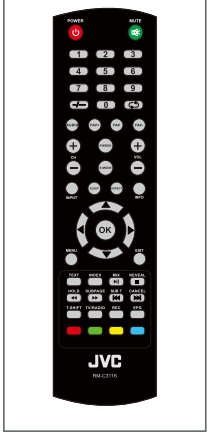
- Place this television only on furniture that can safely support it.
- Use only a cabinet or stand recommended by the manufacturer of the television.
- Ensure the television does not hang over the edge of supporting furniture.
- Do not place the television on tall furniture (such as cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- Do not place cloth or other materials between the television and the supporting furniture.
- Do not let children climb on furniture to reach the television or its controls.

Preparation for Your New TV

Check Accessories

Check the accessories that are packed with your TV.

REMOTE CONTROL

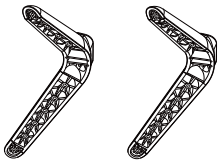


AAA BATTERIES

TV STAND SCREWS

SCREWS
M4 x 20mm, 4pcs

TV STAND BASE



Setup TV Table Stand

Please refer to TV Stand Installation guide in next page 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.

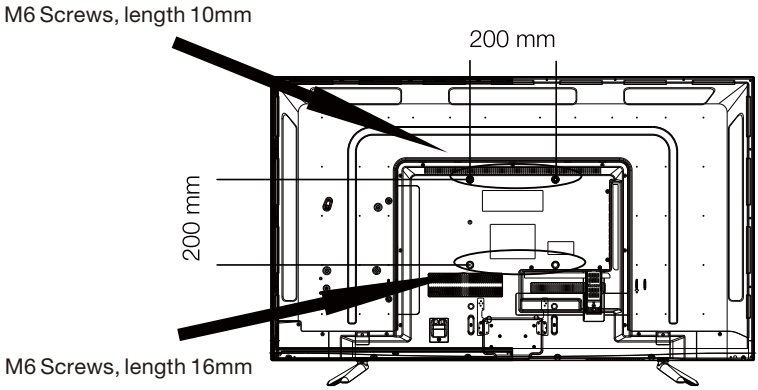
Connection and Using

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.

Wall Mount Specifications

Model No.LT-50N530Z

Compatible wall-mount size	Screw size for wall mounting
VESA 200*200	M6 screws, length 10mmx2pcs* M6 screws, length 16mmx2pcs*
** The length of the screw specified is only a recommendation; actual length required can vary depending on the type of wall mount used.*	

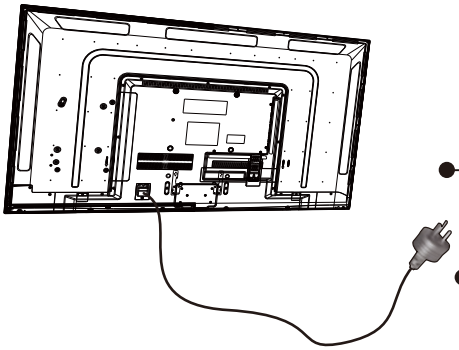


Note:

1. Wall Mount is not included with the TV; it needs to be purchased separately.
2. Use only VESA-compatible wall mounts according to the specifications recommended for this model. Use of other wall mounts, or inappropriate installation may cause personal injuries or damage to the TV.
3. Please follow all instructions from the user manual of your chosen wall mount.

Preparation for Your New TV

The TV is packaged with the TV stand separated from the cabinet. To setup the TV table stand, please carry out the installation according to the instructions below.

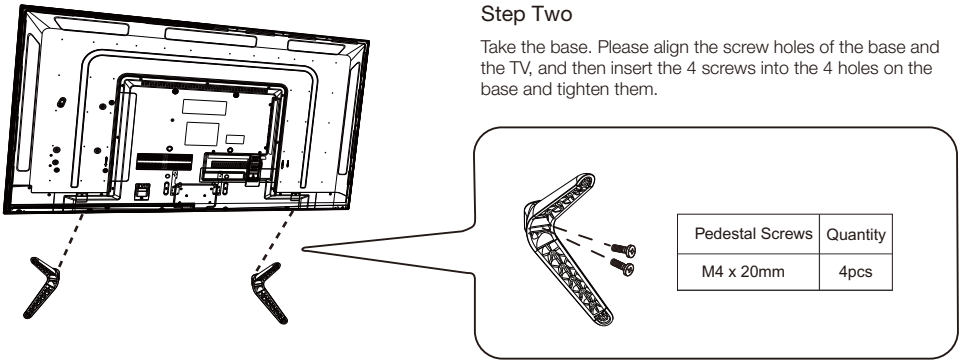


Step One

IMPORTANT: Place a soft cloth on a table and place the TV face down on the cloth. This is to prevent the panel from being cracked or damaged.

The panel can be scratched easily, so please:
1. Choose an absolutely flat surface to place the TV on.
2. Use soft cloth to face the TV panel,
   Do not put TV on the table directly.

Always unplug the AC cord first when installing/removing the stand.

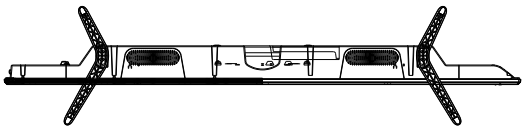


Step Two

Take the base. Please align the screw holes of the base and the TV, and then insert the 4 screws into the 4 holes on the base and tighten them.

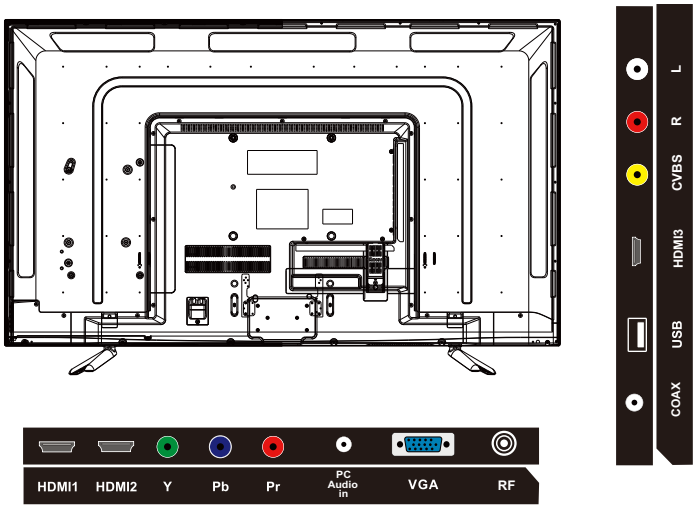
Pedestal Screws	Quantity
M4 x 20mm	4pcs

Please take note of the base direction:



The bottom view of the TV (Front cabinet faces down)

TV Jacks Explanation



HDMI1, 2, 3: (High-Definition Multimedia Interface) It provides an uncompressed digital connection that carries both video and audio data by way of an integrated mini-plug cable.

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

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

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

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

COAX: Digital TV sound output.

USB: Connect USB device, such as flash disk to access media function of TV.

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

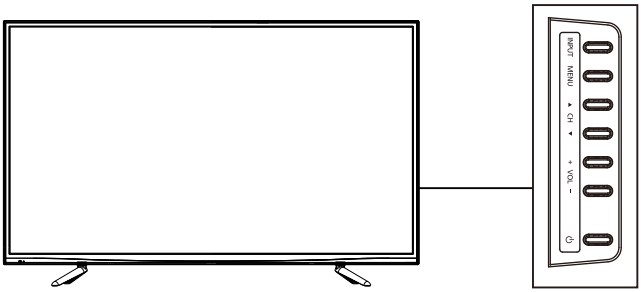
AUDIO-IN R: Right audio channel connection. the right audio connector is usually red.

AUDIO-IN L: Left audio channel connection. The left audio connector is usually white.

Side Keypad and Front Panel

Side Keypad Buttons

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



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.

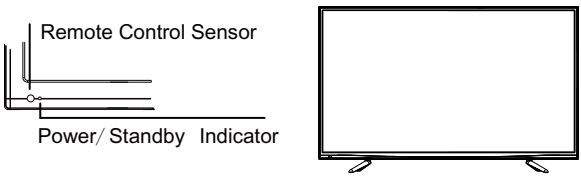
VOL-:Decreases the volume. In the TV menu system, it acts like the left arrow on the remote control and can be used to select menu options.

POWER (⏻): Turns the TV on and off.

Front Panel

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

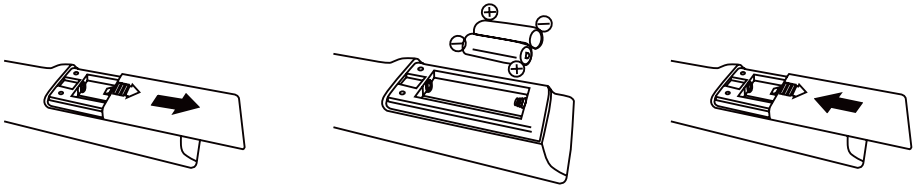
Power/Standby Indicator: Blue and red dual-color LED. It shows red when the TV is turned off and blue when turned on.
Remote Control Sensor: Remote control IR sensor, which receives infrared ray sent by remote control.



Remote Control Instructions

Inserting Batteries in the Remote

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



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

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

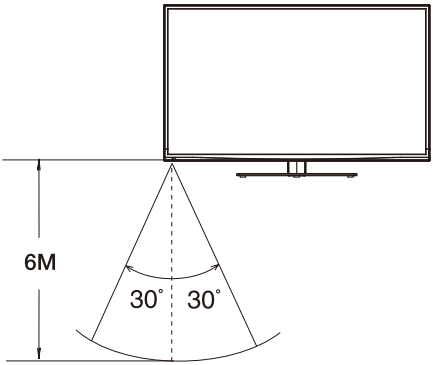
CAUTION:

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

Warning: Batteries (packed or in use) must not be exposed to high temperature like sun heat or fire.

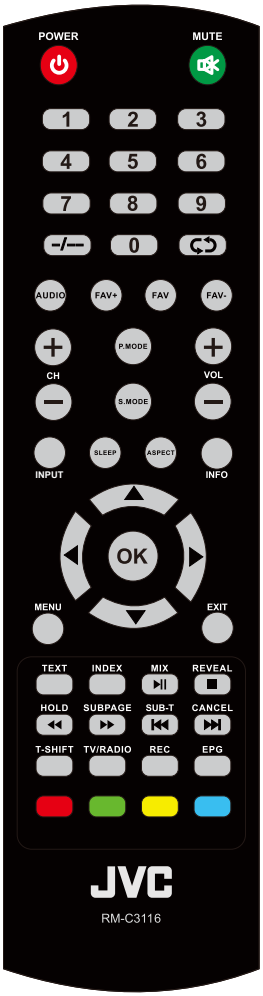
Remote Control Reception Angle

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



Learning about Remote Control

Remote Control Buttons



POWER (⏻): Turns the TV on or switches it to Standby.

MUTE (🔇): Reduces the TV volume to its minimum level. Press again to restore the volume.

NUMBER BUTTONS: Press 0–9 select a TV channel directly when you are watching TV.

" –/-- ": Press once for entering two-digit channels. Press two times for entering three-digit channels.

Recall (⮌): Returns to the previous channel.

AUDIO: Switch the audio channel in DVD or multimedia mode.

FAV-./FAV+.: Scan up or down through the current favorite channel list.

FAV: Adds the current channel to your favorite list, or erases the current channel from your favorite list (if this channel is a favorite channel already).

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

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

PMODE: Switches between the preset picture mode.

SMODE: Switches between the preset sound mode.

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

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

ASPECT: Switches between the preset screen size mode.

INFO: Press to display the current program information on the screen.

Arrows (◄/ ► /▲ / ▼): Uses the four arrows to highlight different items in the TV menu or change the value.

OK: Enter and confirm button.

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

EXIT: Exits the current menu or function.

TEXT: To enter Teletext mode.Teletext is not broadcast in New Zealand.

INDEX: To display the index page.

MIX: TV and TXT picture are mixed together in transparent background.

REVEAL: Teletext mode-To reveal or hide the hidden words.

HOLD: Teletext mode-Hode current page which is display.

SUBPAGE: Sub coded page access.

SUB-T: Display caption information

CANCEL: To cancel the display.

T-SHIFT: Press to activate Time Shift function in Digital TV mode, for delayed viewing. A USB memory device must be connected to the USB port for this function.

TV/RADIO: Switch between TV and RADIO.(Used for models with DTV function only))

REC: Presonal video record button. A USB memory device must be connected to the USB port for recording.

EPG: Shows Electronic Program Guide.

⏸ ⏹ : PAUSE and STOP.

⏪ ⏩ : Fast review and fast forward.

⏮ ⏭ : Select the previous or the next media file.

RED/GREEN/YELLOW/BLUE: Use add-on functions in OSD menu.

NOTE:

- All pictures in this manual are examples, only for reference, actual product may differ from the pictures.
- The buttons not mentioned here are not used.

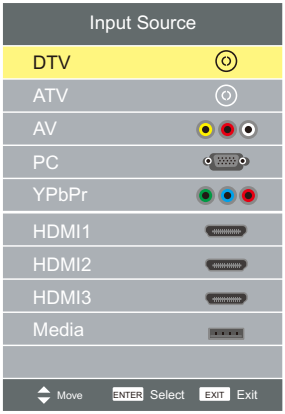
Basic Operations

Turning On and Off

Connect the AC cord to power the TV. At this time the TV will enter standby mode and power indicator will turn red.
Use Power button (⏻) on the side 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.

Select input source

Press INPUT button on remote control to display Source Select list.
Use ▲ / ▼ arrows to highlight the source you need and press ENTER to confirm.



OSD Menu Operations

Adjust the OSD Screen

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

To use OSD menu system, press MENU button on remote control, then use ◀ / ▶ arrow to highlight an option from CHANNEL, PICTURE, SOUND, TIME , Lock or Setup and press ENTER/ ▼ button.

Press the ▲ /▼ arrow to move to a different option within each menu. If necessary, press ENTER or ▶ 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.

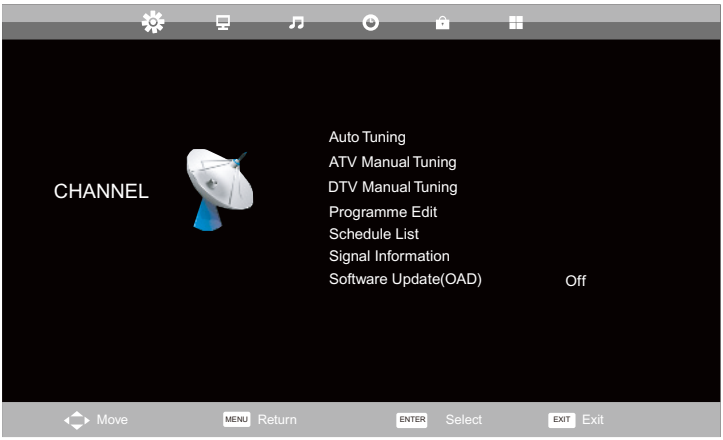
To exit the OSD menu:

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

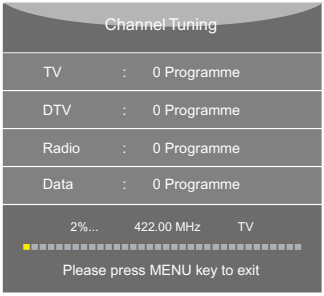
CHANNEL menu

CHANNEL menu is used for channel searching and edit, it's only available in TV input.

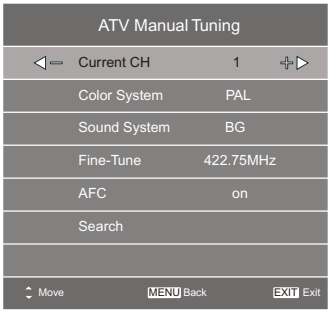
Press MENU on the remote. Select CHANNEL from the Main menu. Press the ENTER button to proceed to CHANNEL menu.



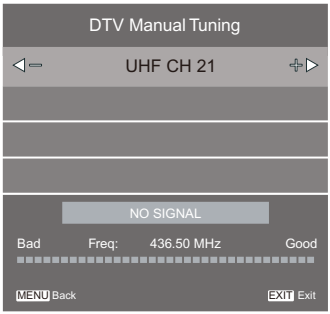
OSD Menu Operations



- Channel tuning: search channel automatically.
  You can stop searching with MENU button.



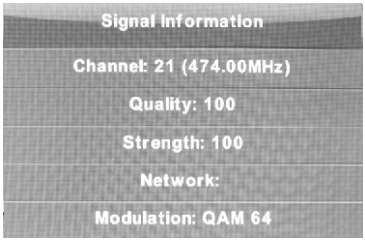
- ATV Manual tuning: search the channel manually.
  You can customise the color/sound system, frequency of channel.



- DTV Manual tuning: search the channel manually.
  Use the arrows button to select DTV Manual Tuning, then press Enter button to enter sub-menu,

OSD Menu Operations

- Programme Edit: via color buttons you can edit the programme, functions include delete, skip channel, etc.
  You can also add or erase the channel to the favorite channel list via FAV button on remote control.



- Signal Information
  Press ▲/▼button to select signal information, then press the Enter button to see the detailed information about the signal. Only available when there is signal under DTV.

- Schedule List
  Show the Schedule list, it is available under DTV source.

- Software Update(OAD)
  In the case of passed OAD certification, software could be upgraded on line.

OSD Menu Operations

EPG stands for Digital Electronic Program Guide. It is supplied by the program providers and offers information about the programs to be broadcast. You can access it in digital mode by pressing the EPG button on the remote control.

1.Press the EPG button to bring up the EPG interface (below).
The second bar from the top will display the current date and time. On the list below, the channel you are currently watching will be highlighted.

2.Before you can view any EPG information, you have to 'activate' every channel for which you want to view program information. To do this, use the ▲/▼ buttons to select a channel, then press [ENTER] to confirm.

3.To check programs to be broadcast on a different date, use the Yellow/Blue button to select the date, the program on the previous/next day will be displayed.

4.Go to the channel and use the ▲/▼ buttons to select the channel for which you want to view information. After a brief moment, the program information will appear on the second bar.

5.Use the ▶ buttons to enter the time list, and use the ▲/▼ buttons to scroll through the time slots.

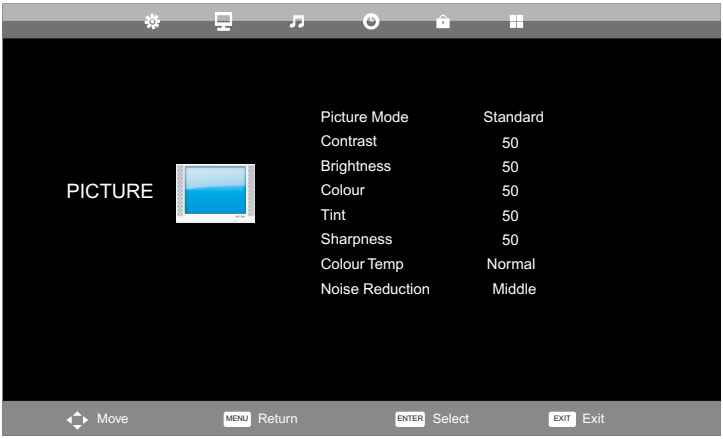
6.To exit out of the EPG menu, press the EXIT button.

Press the RED button to switch to PVR mode. Here, you can set the time to record your chosen program.
Press the GREEN button to set a reminder for a particular program.
Press the YELLOW button to set the previous day's information.
Press the BLUE button to set the next day's information.

OSD Menu Operations

PICTURE menu

PICTURE menu is used for TV picture effect adjusting.
Press MENU on the remote. Select PICTURE from the Main menu. Press the ENTER button to proceed to PICTURE menu.

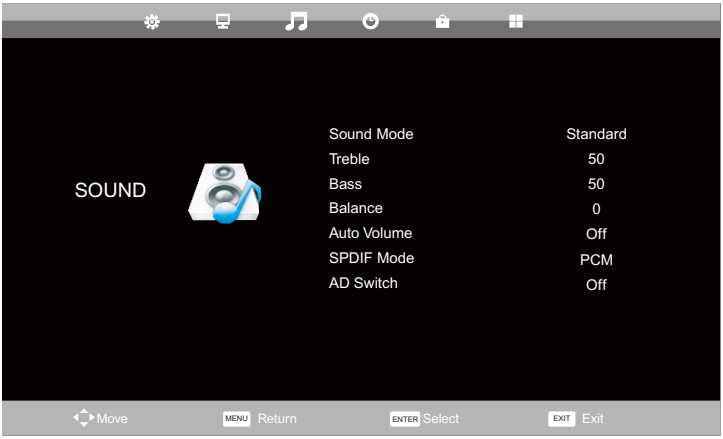


- Picture mode: select the preset picture mode. You can also switch the mode via PMODE button on remote control. You can only customise the contrast, color, brightness and tint in User mode.
- Contrast: Adjust the contrast of TV display.
- Brightness: Adjust the brightness of TV display.
- Color: Adjust the color saturation of TV display.
- Tint: Adjust the tint of TV display. Only available in NTSC channel.
- Sharpness: Adjusts the sharpness of TV display.
- Color Temperature: Adjust the color temperature of TV display. Set the TV picture display from colder to warmer.
- Noise Reduction: Adjust the noise reduction level of TV display.

OSD Menu Operations

SOUND menu

SOUND menu is used for TV sound effect adjusting.
Press MENU on the remote. Select SOUND from the Main menu. Press the ENTER button to proceed to SOUND menu.



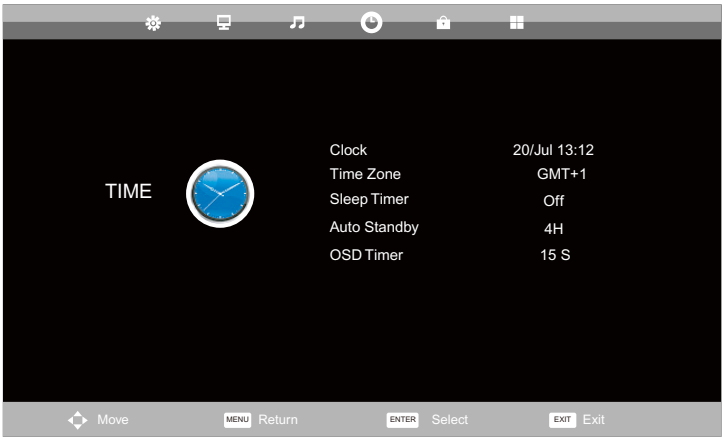
- Sound mode: select the preset Sound mode. You can also switch the mode via SMODE button on remote control. You can only customise the treble and bass in User mode.
- Treble: Adjust the treble level of TV sound.
- Bass: Adjust the bass level of TV sound.
- Balance: Adjust the balance between left and right channels.
- Auto Volume: Select auto volume control on/off, This limits the volume fluctuation between different channels.
- SPDIF: Select three modes area available including Auto, PCM and Off.
- AD Switch: Enter the AD Switch sub-menu, then select this option to adjust AD volume.

OSD Menu Operations

TIME menu

TIME menu is used for TV TIME adjusting.

Press MENU on the remote. Select TIME from the Main menu. Press the ENTER button to proceed to TIME menu.

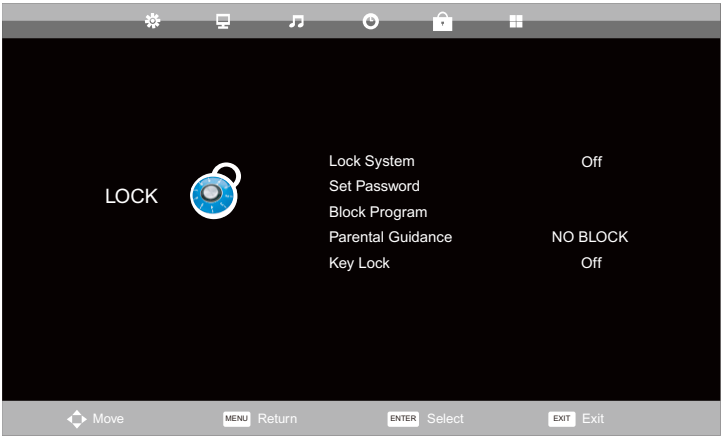


- Clock: Set the TV clock.
- Time Zone: Showing the country's time zone.
- Sleep Timer: Set the sleep timer counting down.
- Auto Standby: When you turn this on, the TV will sleep automatically after a period of no-operation time.
- OSD Timer: Set the OSD displaying time.

OSD Menu Operations

LOCK MENU

Lock menu is used for TV Lock effect adjusting.
Press MENU on the remote. Select LOCK from the Main menu. Press the ENTER button to proceed to LOCK menu.

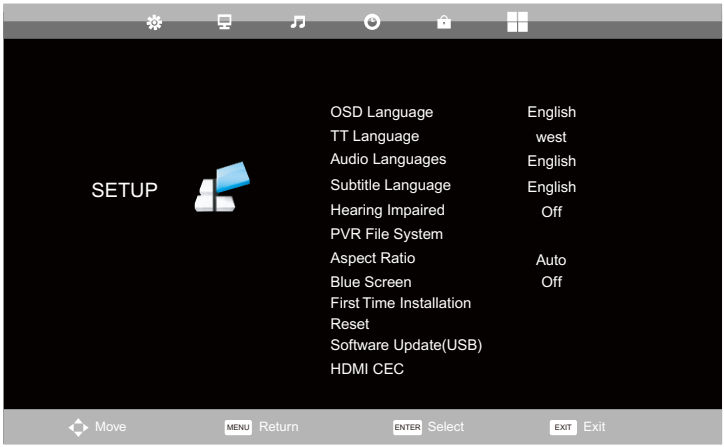


- Lock System press ENTER button to enter, input password, default password is 0000.
- Set Password: To set your own password, first enter the old password, and then enter your new password twice.
- Block Program: To enter “Block Program ” menu, select the program you want to “Lock” , and press the “Green” button.
- Parental Guidance: You can set the parental control function to suit viewing for children of all ages. Choose the categories in the sub menu.
- Clock: Set the TV clock.
- Key Lock: You can set to lock or unlock the keypad.

OSD Menu Operations

OPTION menu

OPTION menu is used for TV additonal options.
Press MENU on the remote. Select OPTION from the Main menu. Press the ENTER button to proceed to OPTION menu.



- OSD Language: Select your desired OSD language.
- TT Language/Audio Language/Subtitle Language : Select your desired teletext language/ the primary audio language /the primary subtitle language.
- Hearing impaired: This function is for the Hearing Impaired, when the status is on, you can see subtitles in the programs.
- PVR File System: To Check and format your USB Disk to be compatible with the PVR file system of this model.
- Aspect Ratio: To select between the available modes: Auto, 4:3, 16:9, Zoom1, Zoom2 and Full Screen.
- Blue Screen: To turn the blue screen on/off. If the Blue Screen is turned on, the TV will display a blue background when there is no signal input.
- First Time Installation: To set relevant options, including OSD language, country and tuning.
- Reset: Press ENTER button to enter a dialogue, select Yes to restore factory default.
- Software Update (USB): Update the firmware of this model. (Please contact Customer Service to see if an update is available)
- HDMI CEC : Press ENTER button to enter sub-menu. Consumer Electronics Control (CEC) allows you to control multiple CEC-enabled devices connected using HDMI, with a single remote control.

  HDMI CEC Turn on or off the HDMI CEC function.

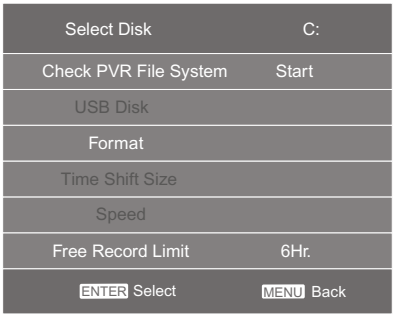
  Auto Power Turn on or off the auto power.

  Device Menu Open the main menu of device.

OSD Menu Operations

PVR File System

To Check and format your USB Disk to be compatible with the PVR file system of this model. Select "Check PVR File System" to check your USB Disk. Select "Format" to format your USB Disk to be compatible with this model. Select "Free Record Limit" to set the record limit for your USB Disk.



IMPORTANT NOTE:
For any type of recording with this televsion, you must have plugged a USB device into the appropriate USB port at the back of the television to record on.

1.Please insert the external high-speed storage devices, insert must be formatted before.

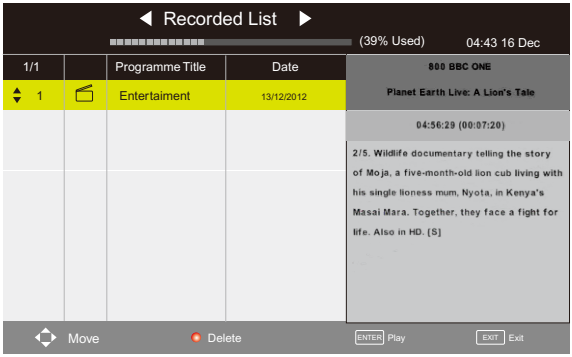
2.Select the DTV program and channel you wish to record.

3.Press [REC] button to enter PVR mode and start recording. PVR control bar on the screen shown above. You can select the appropriate settings required.
You could change the mode of Recording menu by ENTER button.

4.If you wish to stop the recording, press [■] button and the recording will stop.

Instant one-touch recording and playback

In DTV mode and with a USB device properly plugged in, press the REC button on the remote control to activate the PVR function for instant recording of the channel you are watching. Press [■ utton to stop recording, and use the INDEX button to enter the recorder list. Once you are in PVR mode, use the arrow keys at the bottom of the screen when watching the recording.



Display the recorded list

INDEX: Display the Recorder List menu, or press to change the way of arranging programs.

DISPLAY: Display the information of the program you recorded.

RED button: Delete the program you select.

ENTER button: Play the program you select.

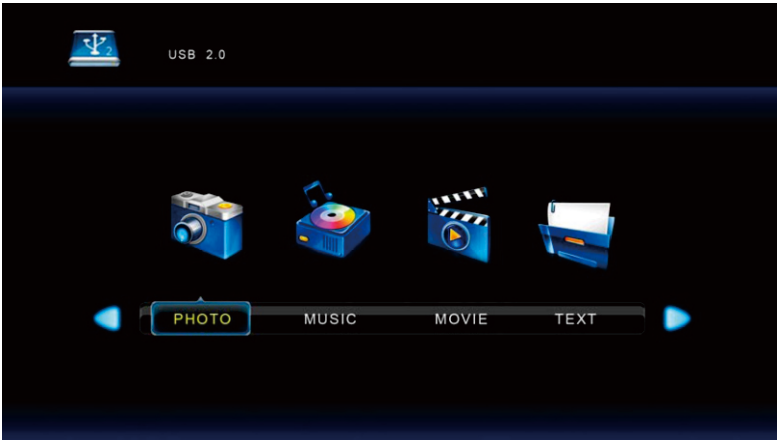
USB Media

Media function

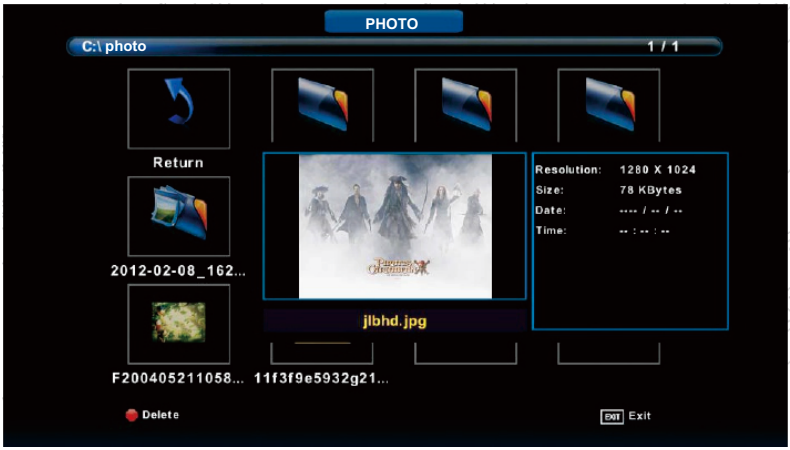
Insert the USB device to the USB port of TV back panel, then select Media in input source menu, press ENTER.

The main interface of media function is shown below. You can choose PHOTO, MUSIC, MOVIE or TEXT to browse media files.

Maximum size of USB device that can be connected :1TB
USB file systems supported: FAT32, Hi Speed FS, NTFS(NTFS compressed file is not supported),
File formats that can be played: AVI, MPEG, TS, MKV, MP3, AAC, JPG, JPEG



After choosing PHOTO, MUSIC. MOVIE or TEXT, you can move the cursor to the folders and use remote control buttons to operate.



Technical Specifications

Display	50 inch(127 cm)
Aspect ratio	16:9
Resolution	1920x1080
Brightness	200 cd/m^2
Contrast	5000:1 Dynamic Contrast
Viewing angle	176°(H); 176°(V)
Menu OSD	English
Audio	Built-in Speakers 2x8W
Input Terminals	ANTENNA CVBS(Composite Video) VGA HDMIx3 YPbPr(Component Video with Progressive Scan) USB Port PC /AUX audio(3.5mm jack)
Output Terminals	COAXIAL audio
Power	AC 100-240V 50/60Hz
Consumption	≤135 W
Unit Size	1132x260x723 (L x W xH)
Compatible Wall-Mount Size (wall-mount not included)	200x200mm(WxH)
Net Weight	10.3KG

Input Resolutions

This TV incorporates digital processing on input signals. This improves the viewing experience by enhancing the display output, even when the input is of higher resolution than the panel's native resolution.

COMPONENT VIDEO（YPbPr）INPUT

Model	Resolution	Vertical Frequency (Hz)
480i	720x480	60. 00
576i	720x576	50. 00
576p	720x576	50. 00
720p	1280x720	50.00/60.00
1080i	1920x1080	50.00/60.00
1080P	1920x1080	50.00/60.00

VGA INPUT

Model	Resolution	Vertical Frequency (Hz)
DOS	720x400	70. 00
VGA	640x480	60. 00
SVGA	800x600	60. 00
XGA	1024x768	60. 00
SXGA	1280x1024	60. 00
WXSGA+	1366x768	60. 00

Input Resolutions

HDMI INPUT

Model	Resolution	Vertical Frequency (Hz)
480i	720x480	50.00/60.00
480p	720x480	50.00/60.00
576i	720x576	50.00/60.00
576p	720x576	50.00/60.00
720p	1280x720	50.00/60.00
1080i	1920x1080	50.00/60.00
1080p	1920x1080	50.00/60.00

- Modes not listed in the above table are not supported.For an optimal picture it is recommended to choose a mode listed in the table.

- Images being displayed through the VGA input may become garbled if the device providing the signal is misconfigured. Use automatic settings where possible on your computer's VGA output. If signal problems continue, try lowering the resolution of your computer's VGA output. Advanced users can adjust the phase and clock settings in the source computer's video card settings menu.".

Troubleshooting

Before consulting service personnel, check the following chart for a possible cause of the trouble you are experiencing and for a solution.

PROBLEM	SOLUTION
TV will not turn on	● Make sure that the main power switch at the bottom right of the TV has been turned on. ● Make sure the power cord is plugged in. ● The batteries in the remote control may be dead. Replace the batteries if necessary.
I don't receive all the available channels or am having reception problems	● Your antenna may not be sensitive enough or positioned properly, especially if you are using an indoor antenna. We recommend connection to a professionally installed external antenna. Some indoor antennas may work depending on your location to the broadcasting tower, however they usually won't tune all available channels and can produce intermittent reception.
My Sky box (or other device) is causing problems with the TV	● Try turning your TV on before turning your Sky box on.
No picture, no sound	● Check the interface cable between TV and antenna/cable TV. ● Press the power button on the remote. ● Press the INPUT button on the remote,then press the INPUT button repeatedly to select the TV sources.
Poor picture, sound OK	● Check the interface cable between TV and antenna/cable TV. ● Try another channel. The station may have broadcast difficulties. ● Adjust the brightness/contrast options in the Video menu.
Picture OK, Poor sound	● Sound may be muted. Press the MUTE button on the remote, ● Press the TV button on the remote,then press the VOL+ button to increase the volume.
Audio noise	● Move any infrared equipment away from the TV.
I've lost or damaged my remote control	● Please call customer service to buy a new one. Please note that universal remote controls will not work with this television.
When I connect my computer, the outer edges get cropped out	● Using the TV's menu, select “Aspect Ratio” and change the value to either “Underscan” or “Point to Point”. Once complete, set your computer's video output to 1920x1080 for best performance.

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