

JVC

LED TV Users Guide

LT-55N685AN 55"class

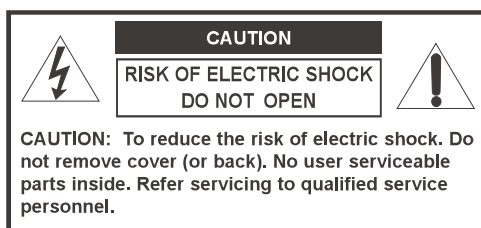


HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

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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 power 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 TV casing.
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.

Important Safety Instructions

- 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. Failure to do so can result in the television falling, causing injury.
- 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's possible 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) 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.
- 21) Batteries shall not be exposed to excessive heat such as sunshine, fire or the like. To preserve our environment, dispose of used batteries according to your local laws or regulations.



Important Safety Instructions

- 22) 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.
- 23) 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.
- 24) 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.
- 25) 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.
- 26) Do not stand the TV on cloth or other materials placed between the TV and the supporting furniture.
- 27) Where the mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- 28) Water and moisture: Do not use the product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, etc.
- 29) Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:
 - Using cabinets or stands recommended by the manufacturer of the television set.
 - Only using furniture that can safely support the television set.
 - Ensuring the television set is not overhanging the edge of the supporting furniture.
 - Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
 - Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
 - Educating children about the dangers of climbing on furniture to reach the television set or its controls.If your existing television set is being retained and relocated, the same considerations as above should be applied.

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.
- Do not use this TV at ambient temperatures above 45°C or at altitudes above 2000 metres.

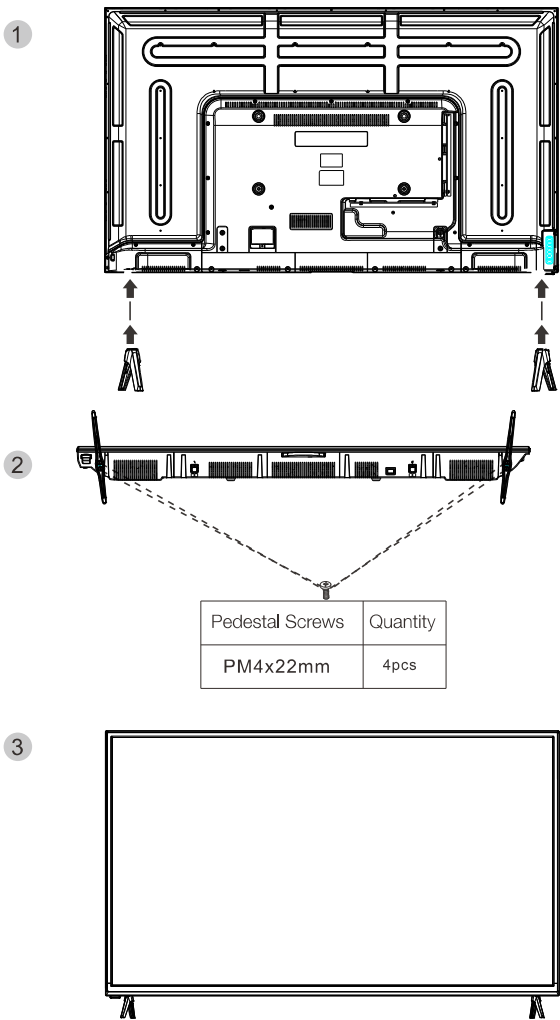
ACCESSORIES:

- | | |
|-------------------|----|
| 1. LED TV | x1 |
| 2. Remote Control | x1 |
| 3. Base Legs | x2 |
| 4. Screws | x4 |
| 5. User Manual | x1 |

Base installation instruction

The Stand Base must be securely installed as shown below, unless the TV is wall-mounted.

Lift the TV set, align the screw holes on the 2 Base Legs with the screw holes on the TV as shown in the following figure. Use the provided screws to fix the Base to the TV securely.

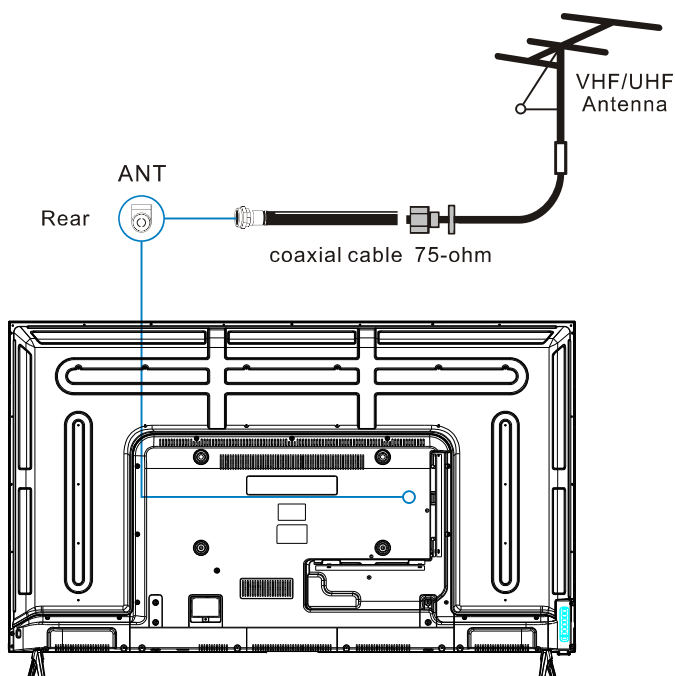


Connecting To An Antenna

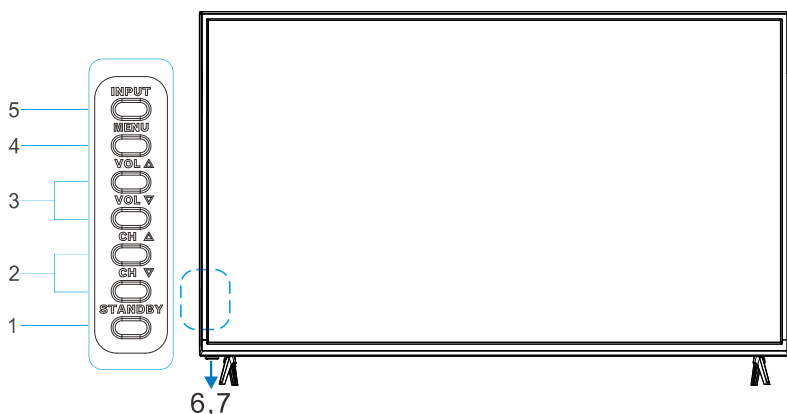
To receive TV stations, you will need to connect the TV to a TV antenna.

Ideally the antenna is of the outdoor type (roof-mounted), for best reception.

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. We recommend connection to a professionally installed external antenna.



Overview Of The Television

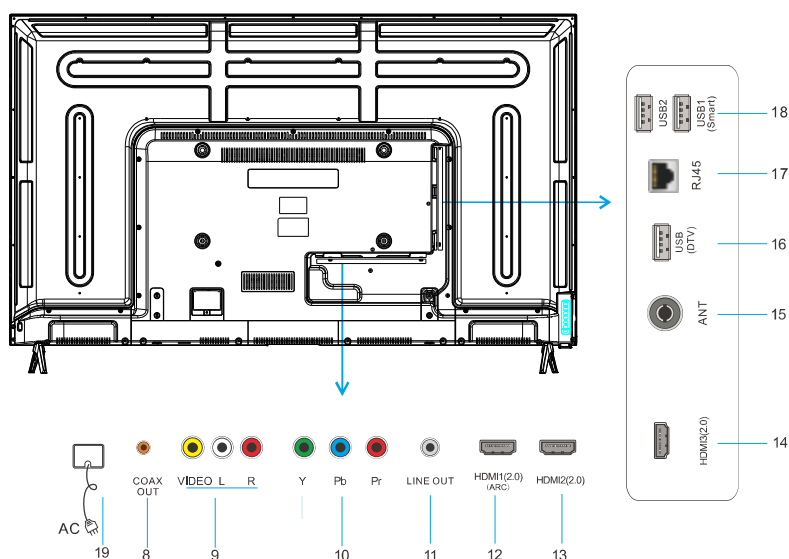


ITEM	BUTTON NAME	FUNCTION DESCRIPTION
1	STANDBY	Press to switch the TV on during Standby mode or vice versa.
2	◀ CHANNEL ▶	Press to scan through channels.
3	◀ VOLUME ▶	Press to increase or decrease the sound level.
4	MENU	Press to bring up the main menu to the screen.
5	INPUT	Press to select the input source.
6	POWER INDICATOR	Shows red in Standby mode and shows green when your TV is switched on.
7	REMOTE SENSOR	Infrared sensor for the remote control.

Please Note:

The receiving range for the remote control signal is 6 metres from the front Of the remote sensor, with a window of 30 degrees to the left or right, and 20 degrees above or below.

Overview Of The Television



ITEM	JACK NAME	FUNCTION DESCRIPTION
8	COAX OUTPUT	Coaxial Digital Audio output.
9	L/R INPUT	Connect to the L/R Audio outputs on your external video source device(With AV/YPbPr input)
	VIDEO INPUT	Connect to the video output jack of your external video source device (eg. DVD player)
10	YPbPr INPUT	Connect to the Component (YPbPr) outputs on your external video source device(Used in HD TV SOURCE)
11	LINE OUT	Connect external amplifiers here. Please note that connecting external amplifiers will mute the sound from the TV's built-in speakers.
12/13/14	HDMI INPUT	Connect to the HDMI output jack of up to 3 external video sources (eg. DVD player/ games console/ bluray player)
15	ANT	Connect antenna or cable 75Ohm coaxial to receive TV signal.
16	USB	Plug in* your USB memory device (eg. USB stick) to play compatible files that are stored on it or for PVR recording. Important: This USB port does not play 4K UHD content.
17	RJ45	Ethernet port for wired internet connection.
18	USB1/2	These ports can only be used for smart module functionalities (eg. connecting mouse or key board). They cannot be used for connecting USB devices for PVR recording or playing media files under DTV source. Important: USB 1/2 ports are capable of playing 4K UHD content @30fps.
19	AC	Connect to a compatible mains power outlet with the supplied power cord.

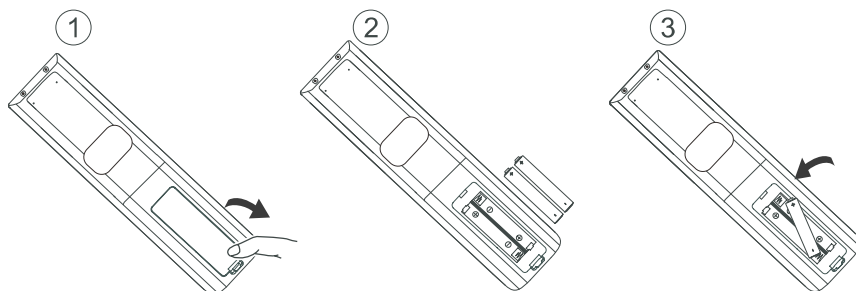
Please Note:
Some USB memory devices, such as external hard drives and some portable hard drives, require their own power supply to operate. See also the Technical Specifications section for compatible file types and storage limits.

All 4 HDMI ports support HDCP1.4 and 2.2.

Remote Control

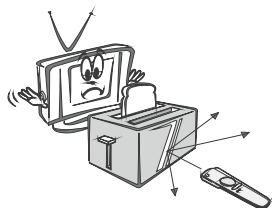
Installing Batteries

1. Slide in the direction shown by the arrow in Image 1 below to open the cover of the battery compartment on the back of the remote control.
2. Load two AAA alkaline batteries (included) into the compartment.
3. Replace the cover.



Precautions

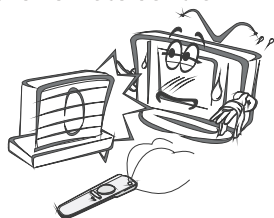
Make sure that there is no obstacle between the remote control and television set.



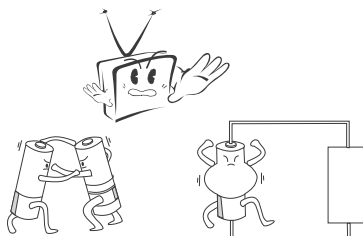
As strong light may interfere with the signals, change your position to operate the remote control if the television cannot be turned on or off as you expect.



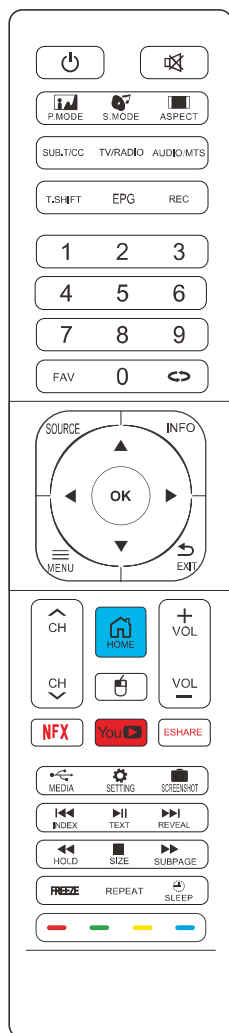
Keep the remote control away from heat sources or humid areas to ensure effective performance of the remote control.



Make sure that two AAA 1.5V alkaline batteries are loaded. The batteries must be installed properly.

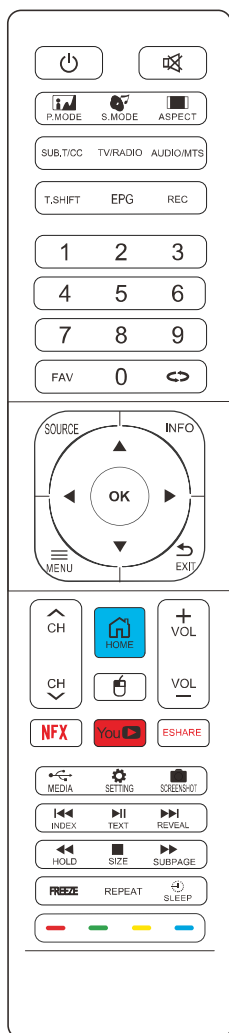


Remote Control



1. **POWER** Press to turn TV set on or switch to Standby mode.
2. **MUTE** Press to mute sound, press again to restore sound.
3. **P.MODE** Press to set the picture mode.
4. **S.MODE** Press to set the sound mode.
5. **ASPECT** Press to select the aspect ratio.
6. **SUB.T/CC** Press to select subtitle.
7. **TV/RADIO** Press to switch the channel between TV and RADIO.
8. **AUDIO/MTS** Press to select Audio.
9. **T.SHIFT** Press to activate 'Timeshift' function in Digital TV mode for delayed viewing.
Please note: USB memory device is required for this function.
10. **EPG** Press to show the Electronic Program Guide menu.
11. **REC** Recording functions for DTV (Digital TV) channels.
Please note: USB device is required for recording.
12. **0-9** Press 0-9 buttons to select a TV channel.
13. press to return to the previous channel viewed.
14. **FAV** Press to enter "Favorite list" menu.
15. **SOURCE** Press to select various input sources.
16. **INFO** Press to display the source and channel information.
17. **OK** Press to confirm selections.
18. **MENU** Press to bring up the main menu to the screen.
19. **EXIT** Press to exit the OSD menu (On-screen display).
20. **HOME** Press to display the homepage interface.

Remote Control



- 21. VOL +/-** Press to increase or decrease the volume.
- 22. CH +/-** Press to go to the next higher or lower channel.
- 23.** Press to turn on/ turn off mouse function.
- 24. NFX** Press to select NETFLIX in Smart TV mode.
- 25. YOU** Press to select YOUTUBE in Smart TV mode.
- 26. ESHARE** Press to select ESHARE in Smart TV mode.
- 27. MEDIA** Press to select MEDIA menu in DTV mode.
- 28. SETTING** Press to select SETTING.
- 29. SCREENSHOT** Press to select the camera for a screenshot (only in Smart TV mode).
- 30. INDEX** Press to display the index of the text.*
Press to go to the previous chapter.
- 31. REVEAL** Press to reveal or hide hidden text.*
Press to go to the next chapter.
- 32. SUBPAGE** Press to open the subpage of the text.*
Press to play a program in fast forward mode.
- 33. HOLD** Press to hold the text.*
Press to play a program in rewind mode.
- 34. TEXT** Press to show/hide text.*
Press to play/pause.
- 35. SIZE** Press to change text size in TEXT mode.*
Press to stop playback.
- 36. FREEZE** Press to freeze the screen in DTV mode.
- 37. REPEAT** Press to repeat play (for USB files).
- 38. SLEEP** Press to set the sleep time.
- 39. Colour Buttons** Text edit keys.*
 Program edit as per the On-screen Display Menu.

* Teletext functions are not available in Australia.

Selecting An Input Source



- Press **SOURCE** button to display the input source list,
- Press ▼ / ▲ button to select an input source:
 - DTV: Digital TV
 - ATV: Analogue TV
 - AV: 'VIDEO' composite input jack
 - Component: 'YPbPr' component video jacks
 - HDMI1, HDMI2, HDMI3: HDMI inputs
 - Smart TV: Smart TV channel
 - Media: Media port for file playback from a compatible USB memory device
- Press **ENTER** button to enter the input source.
- Press **EXIT** button to quit.

TV Mode Operation

Channel

Press **MENU** button to display the main menu.

Press ◀/▶ button to select **CHANNEL** in the main menu.



1. Press ▼/▲ button to select the option that you want to adjust in the **CHANNEL** menu.

2. Press **OK** button to adjust.

3. After you have completed the adjustment, press **OK** button to save and return to the previous menu.

Auto Tuning

Press ▼/▲ button to select Auto Tuning, then press **OK/▶** button to enter.



Country

Press ◀/▶ button to select Country, then press **OK** button to enter.

Tuner Type

Press ◀/▶ button to select Tune Type, then press **OK** button to enter.

(Available Systems: ATV,DTV,DTV+ATV)

ATV Manual Tuning



Current CH
Set the channel number.

Colour System
Select the colour system
(Available Systems: AUTO,PAL,SECAM).

Sound System
Select the sound system.

Fine-Tune
Adjust the frequency of the channel.

Search
Start searching channel.

TV Mode Operation

DTV Manual Tuning

Press ▼ / ▲ button to select DTV Manual Tuning, then press **OK** button to enter.



Program Edit

Press ▼ / ▲ button to select Program Edit, then press **OK** button to enter sub-menu.



The four coloured keys are shortcuts for programming the channel.

First press ▼ / ▲ to highlight the channel you want to select, then:

Press the **Red** button to delete the program in the list.

Press the **Green** button to rename the program in the list.

Press the **Yellow** button to move the channel in program list.

Press the **Blue** button to skip the selected channel.

(your TV set will skip the channel automatically when using CH+/- to view the channels).

Press **FAV.** button to add or remove the channel from your favourite list.

Note: Rename is only available for analogue channels.

Schedule List

Press ▼ / ▲ button to select Schedule List, then press **OK** button to enter.

Signal Information

Press ▼ / ▲ button to select Signal Information, then press **OK** button to enter.

TV Mode Operation

Picture

Press **MENU** button to display the main menu.
Press ◀ / ▶ button to select **PICTURE** in the main menu.



1. Press ▼ / ▲ button to select an option to adjust in the **PICTURE** menu.
2. Press **OK** button to adjust.
3. After you have completed the adjustment, press **MENU** button to save and return to the previous menu.

Picture Mode

Press ▼ / ▲ button to select **Picture Mode**, then press **OK** button to enter sub-menu.

You can change the value of contrast, brightness, colour, sharpness and tint when the picture is in **PERSONAL** mode.

Please note: You can press **PMODE** button on the remote control to change the picture mode directly.



Contrast/ Brightness/ Colour/ Tint/ Sharpness

Press ▼ / ▲ button to select an option, then press ◀ / ▶ button to adjust.

Contrast Press to adjust the highlight intensity of the picture.

Brightness Press to adjust the brightness of the picture.

Colour Press to adjust the saturation of the colour according to your own preference.

Tint Press to shift the colour of the picture to compensate for any errors in transmission.

Sharpness Press to adjust the detail in the picture.

TV Mode Operation

Colour Temperature

Press ▼ / ▲ button to select **Colour Temperature**, then press **OK** button to enter sub-menu.
Press ◀ / ▶ button to select (Available Colour Temperatures: Cool, Normal, Warm).



Cool	Produces a blue-hued image.
Normal	Produces a vivid image.
Warm	Produces a red-hued image.

Noise Reduction

To filter out and reduce the image noise and improve picture quality.
Press ▼ / ▲ button to select **Noise Reduction**, then press **OK** button to enter sub-menu.



Off	Select to turn off video noise detection.
Low	Detect and reduce low video noise.
Middle	Detect and reduce moderate video noise.
High	Detect and reduce enhanced video noise.
Default	Set as default.

HDMI Mode

Press ▼ / ▲ button to select **HDMI Mode**, then press ◀ / ▶ button to select Auto, Video or PC.

TV Mode Operation

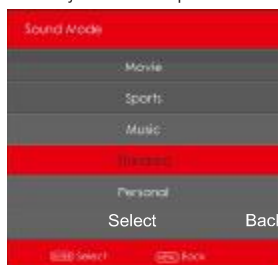
Sound Menu

Press **MENU** button to display the main menu.

Press ◀ / ▶ button to select **SOUND** in the main menu.



1. Press ▼ / ▲ button to select the option that you want to adjust in the **SOUND** menu.
2. Press **OK** button to adjust.
3. After you have completed the adjustment, press **OK** button to save and return to the previous menu.



Sound Mode

Press ▼ / ▲ button to select Sound Mode, then press **OK** button to enter sub-menu.

Press ▼ / ▲ button to select.

You can change the value of Treble and Bass when the sound is in **PERSONAL MODE**.

Please note: You can press **SMODE** button on the remote control to change the sound mode directly.

Movie	Enhances treble and bass for a rich sound experience.
Sports	Enhances vocals for sports.
Music	Preserves the original sound. Good for musical programs.
Standard	Produces a balanced sound in all environments.
Personal	Select to customise sound settings.

Balance

Press ▼ / ▲ button to select Balance and press ◀ / ▶ button to adjust.

Auto Volume Level

Press ▼ / ▲ button to select Auto Volume, then press ◀ / ▶ button to select On or Off.

SPDIF Mode

Press ▼ / ▲ button to select SPDIF Mode, then press ◀ / ▶ button to select Off / PCM / Auto.

AD Switch

Press ▼ / ▲ button to select AD Switch, then press ◀ / ▶ button to select On or Off.

Please Note:

Balance: This item adjusts the speaker's output enabling you to hear the sound perfectly well in whichever position you are seated.

Auto Volume: This item is used to automatically reduce the difference between channel and programme volume.

TV Mode Operation

Time Menu

Press **MENU** button to display the main menu.
Press **◀ / ▶** button to select **TIME** in the main menu.



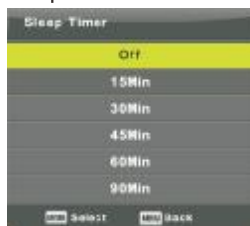
1. Press **▼ / ▲** button to select the option that you want to adjust in the **TIME** menu.
2. Press **OK** button to adjust.
3. After you have completed the adjustment, press **OK** button to save and return to the previous menu.

Clock



Press **▼ / ▲** button to select Clock, then press **Enter** button to enter sub-menu.
Press **◀ / ▶** button to select.

Sleep Timer



Press **▼ / ▲** button to select Sleep Timer, then press **OK** button to enter sub-menu.
Press **▼ / ▲** button to select (Available options: Off, 15min, 30min, 45min, 60min, 90min, 120min, 240min).

Time Zone



Press **▼ / ▲** button to select Time Zone, then press **Enter** button to enter sub-menu.
Press **◀ / ▶** button to select.

Auto Standby



Press **▼ / ▲** button to select Auto Standby, then press **OK** button to enter sub-menu.
Press **▼ / ▲** button to select.
Please note: If the remote control is not operated within the specified sleep time the television will switch to standby automatically.

OSD Timer



Press **▼ / ▲** button to select OSD Timer, then press **OK** button to enter sub-menu. Press **◀ / ▶** button to select.

TV Mode Operation

Lock Menu

Press **MENU** button to display the main menu.

Press **◀/▶** button to select **Lock** in the main menu.



1. Press **▼/▲** button to select the option that you want to adjust in the **LOCK SYSTEM** menu.
2. Press **OK/◀/▶** button to adjust.
3. After you have completed the adjustment, press **MENU** button to return back to the previous menu.

System Lock



Press **▼/▲** button to select System Lock , then press **OK** button to make the following 3 options valid: Channel Lock/Parental Guidance/ Key Lock.

Default password is 0000. If you forget the set password, please call the service centre.

Set Password



Press **▼/▲** button to select Set Password, then press **OK** button to enter sub-menu to set a new password.

Channel Lock



Press **▼/▲** button to select Channel Lock then press **OK** button to enter sub-menu to select. Press **Green** button to lock or unlock the channel.

Parental Guidance

Press **▼/▲** button to select Parental Guidance, then press **◀/▶** button to select Off or On.

Key Lock

Press **▼/▲** button to select Key Lock, then press **◀/▶** button to select Off or On. When Key Lock is on, you cannot use the Key Panel buttons.

TV Mode Operation

Setup Menu

Press **MENU** button to display the main menu.

Press **◀ / ▶** button to select **Setup** in the main menu.



1. Press **▼ / ▲** button to select the option that you want to adjust in the **SETUP** menu.
2. Press **OK** button to adjust.
3. After you have completed the adjustment, press **OK** button to save and return to the previous menu.

OSD Language

Press to select an OSD language. Press **▼ / ▲ / ◀ / ▶** button to select Menu Language.



Audio Languages

Press to select an Audio Language. Press **▼ / ▲ / ◀ / ▶** button to select Sub-menu.

Subtitle Language

Press to select a Subtitle Language. Press **▼ / ▲ / ◀ / ▶** button to select Sub-menu.

Hearing Impaired

Press **▼ / ▲** button to select Hearing Impaired, then press **OK** button to select On or Off.

PVR File System

Press to select PVR File System. Press **▼ / ▲ / ◀ / ▶** button to select Sub-menu.

Aspect Ratio

Press **▼ / ▲** button to select Aspect Ratio, then press **OK** button to enter sub-menu.

Press **▼ / ▲** button to select aspect ratio(Available options are: 4:3,16:9, Zoom1, Zoom2).



Blue Screen

Press **▼ / ▲** button to select Blue Screen, then press **OK** button to select On or Off.

First Time Installation

Press to select First Time Installation. Press **▼ / ▲ / ◀ / ▶** button to select Sub-menu.

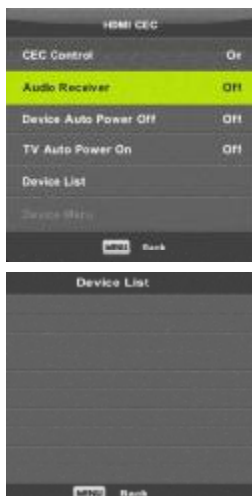
Reset

Press **▼ / ▲** button to select Reset, then press **OK** button to enter sub-menu.

TV Mode Operation

HDMI CEC

Press ▼ / ▲ button to select HDMI CEC, then 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.



CEC Control

Press ▼ / ▲ button to select CEC Control, then press ◀ / ▶ button to select On or Off.

Audio Receiver (HDMI CEC)

Press ▼ / ▲ button to select Audio Receiver, then press **Enter** / ▶ button to select On or Off.

Device Auto Power Off (HDMI ARC)

Press ▼ / ▲ button to select Device Auto Power Off, then press **Enter** / ▶ button to select On or Off.

Audio Return Channel (ARC) returns audio through the same HDMI channel that is used to send video to the TV. If switched on, you won't need a separate audio cable to return sound from the TV.

TV Auto Power Off

Press ▼ / ▲ button to select TV Auto Power Off, then press **Enter** / ▶ button to select On or Off.

Device List

Press ▼ / ▲ button to select Device List, then press **Enter** button to open the main menu of device.

Note: HDMI CEC Control is available on all three HDMI ports (HDMI 1, 2, 3). ARC feature is available only for HDMI 1.

Shop Mode

Press ▼ / ▲ button to select Shop Mode, then press **OK** button to select On or Off.

When turned on, the TV displays an infographic highlighting the features of the TV. Turn it off for regular viewing.

EPG

Press EPG button on remote control to enter EPG menu page.



Press ▼ / ▲ navigation button to select preferred program.

Press ◀ / ▶ button to switch between left column and right column.

TV Mode Operation

Press the **RED** button to record a program.

Press the **GREEN** button to set the time you want a reminder for a program you want to see.

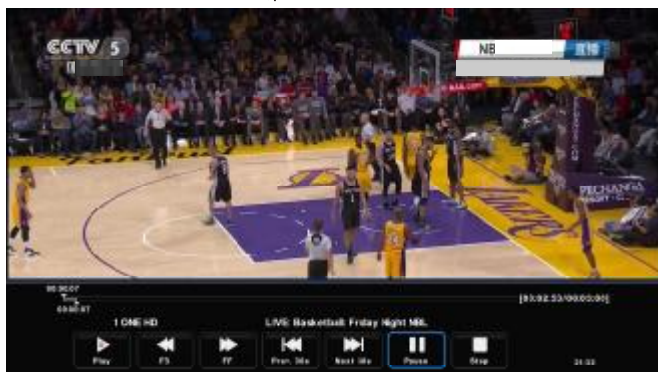
Press the **YELLOW** button to display previous date.

Press the **BLUE** button to display next date.

PVR

Press the 'REC' button to record the selected program to a connected USB device.

Note: The USB device must be connected to the port named 'USB (DTV)'.
Press ◀ / ▶ button to PVR, press ENTER button to confirm.

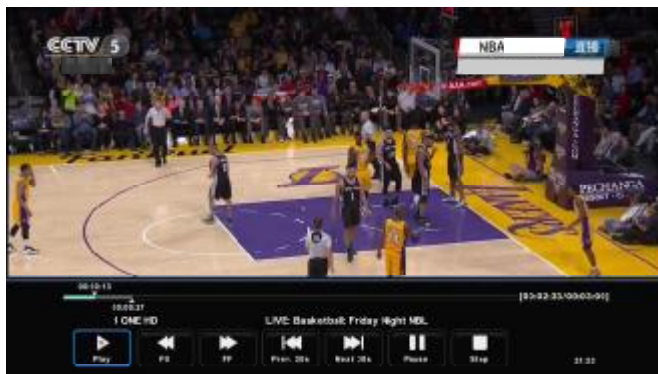


Time shift

The Timeshift function allows you to pause a live program and replay it later.

Note: A USB device must be connected to the 'USB (DTV)' port for this function.

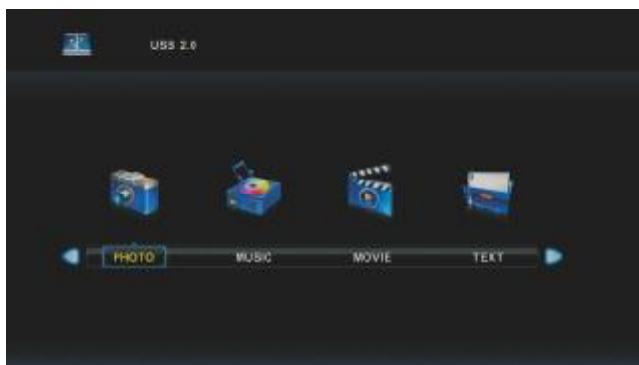
Press time shift button to pause the program, and press the same button to continue the program.



Media Operation

Please note: Before you operate the Media menu, plug in the USB device, then press SOURCE button to set the Input Source to Media.

Press ▼ / ▲ button to select **MEDIA** in the source menu, then press **OK** button to enter.



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

Photo Menu

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

Press **Exit** button to return to the previous menu and **Exit** button again to quit.



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

When highlighting the option selected, the file information will appear on the right and the picture will be previewed in the centre.

Media Operation

Music Menu

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

Press **Exit** button to return to the previous menu and **Exit** button again to quit.



Press ◀ / ▶ button to select the drive disc you want to listen to, then press **OK** button to enter.

Press ◀ / ▶ button to return to the previous menu.



Media Operation

Movie Menu

Press ◀ / ▶ button to select MOVIE in the main menu, then press **OK** button to enter.

Press **Exit** button to return to the previous menu and **Exit** button again to quit.



Press ◀ / ▶ button to select a disc drive to watch, then press **OK** button to enter.

Press media button to play the selected movie.

Press display button to select the menu at the bottom of the screen, then press **OK** button to operate.

Press **Exit** button to go back to the previous menu and **Exit** button again to quit the entire menu.



Media Operation

Text Menu

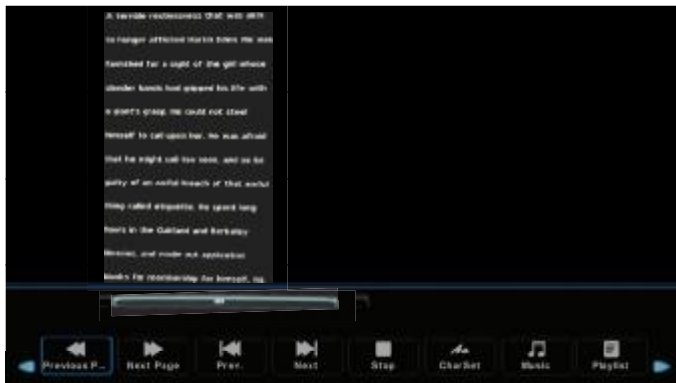
Press ◀ / ▶ button to select TEXT in the main menu, then press **OK** button to enter.

Press **Exit** button to return to the previous menu and **Exit** button again to quit.



Press ◀ / ▶ button to select a disc drive to watch, then press **OK** button to enter.

Press ◀ / ▶ button to select on the next page.



Multimedia Playback Format

Media	File Ext.	Codec		Remark
		Video	Audio	
MOVIE	.mpg	MPEG-1, MPEG-2	MP3, AAC, AC3,PCM	Max Solution: 1920×1080 Max Data Rate: 40 Mbps
	.avi	Xvid,MJPEG		Max Solution: 1920×1080 Max Data Rate: 20 Mbps
		MPEG-4 SP/ASP, H.263/H.264		
	.ts	MPEG-2, .264, AVS, AVS+		
	.mov .mkv	MPEG-4 SP/ASP, H.263/H.264, HEVC		
		.dat		MPEG-1
	.mp4	MPEG-4 SP/ASP, H.263/H.264,HEVC		
		MPEG-1, MPEG-2		
.vob	MPEG-2			
MUSIC	.mp3	—	MP3	Sample Rate: 8K~48KHz Bit Rate: 32K~320Kbps
	.m4a/.aac	—	AAC	Sample Rate: 16K~48KHz Bit Rate: 32K~442Kbps Channel: Mono/Stereo
PHOTO	.jpg/	Progressive JPEG		Max Resolution: 1024×768
	.jpeg	Baseline JPEG		Max Resolution: 15360×8640
	.bmp	BMP		Max Resolution: 9600×6400 Pixel Depth: 1/4/8/16/24/32 bpp
	.png	Non-Interlaced		Max Resolution: 9600×6400
Interlaced		Max Resolution: 1280×800		
File system:NTFS compressed file is not supported.				
Notes: Licenses involved in specifications above are supposed to be obtained by customers themselves.				

USB DEVICE PARAMETERS

	Maximum USB size	Maximum single file size
FAT 32	192G	4G
FAT 16	2G	2G

Please note:

- Modes not listed in the above table may not be supported. For an optimal picture it is recommended that you choose a mode listed in the table.

Smart TV Operation

Welcome Page

When the Smart TV input is selected for the first time, a Welcome Page will be shown. It will help you to configure the device.



Please note:

If you want to skip this Wizard, press "HOME" key.

If you have completed the Wizard once, it will not automatically open again.

If you want to change any of these settings again, select 'Welcome' from 'All Apps' to run through the options again.

Setup Page

Select language:



Select network type:

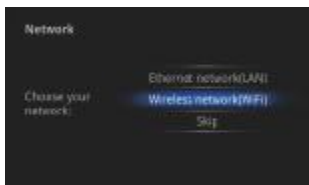


Please note:

If you do not want to choose your network, you can skip this step by pressing "Skip".

You will also find the network settings in "Settings".

Select Wireless network(Wi-Fi):



Please note:

If you choose 'Wi-Fi', select a Wi-Fi Access Point.

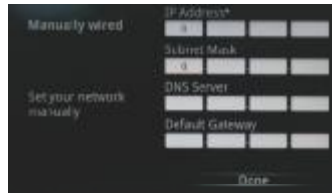
If you choose 'Ethernet', the screen will show Ethernet connection status.

Smart TV Operation

Select Ethernet network(LAN):



Configure Ethernet manually:



Set up the correct time zone:



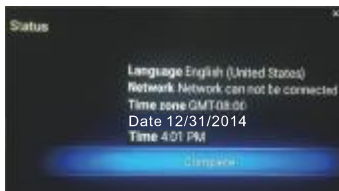
Please note:

If the network is not connected, set the date and time manually.

Set the date/time manually:



Configuration:



Adjust the screen size using the arrow buttons on the remote control:



1. Select the numbers one by one.
2. For each number, use the left/ right or up/ down arrows to move the screen until a white line is displayed on the edge. Then move back one step. This will ensure that the text/ images will be displayed in full.
3. Press 'Exit' button on the remote control to confirm your selection.

Please note:

Users can set the Language, Network, Time Zone, Date / Time and adjust screen size at this stage.

Smart TV Operation

Main Launcher

In Android mode, press the "Home" button on the remote control to enter the Main Launcher.

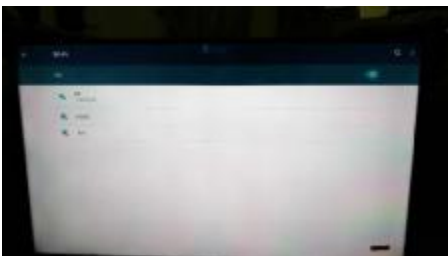
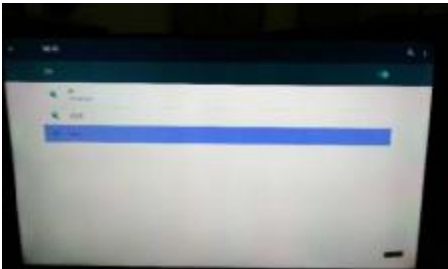
Press the arrow buttons ◀▶ ▲▼ to select the desired icon and press "Enter" to enter the sub-screen.



FUNCTION	DESCRIPTION
	Main Launcher contains: - Time Information (which can be set via "Settings"). - Function status (which shows Wi-Fi and USB connections - if it is white then it is working, if it is grey it is in standby mode).
	In the All App menu, you can view and select more apps.
	The Browser tab contains bookmarks and a search bar. It allows to browse the Internet. You can search for information and watch online TV etc.
	Add your favorite APPS to this directory.
	The Settings screen contains most of the customizing and configuration options, such as language, aspect ratio and network settings.
	Create necessary APP shortcuts to the Main Launcher.

Smart TV Operation

Settings



Main Launcher Applications

Install from USB Flash Drive

1. Open the 'File Browser'.
2. Choose your USB flash drive or any other mass storage folder.
3. Select the desired application from the folder.
4. Press the install button.
5. You can find the application in the tab "Apps" after installation.

Download & Install from Browser

1. Open the Browser.
2. Press search key and input your website address.
3. Download the APK file from the downloaded link
(if you experience problems with downloading, please make sure there is enough space in your internal storage).

Install from App Installer

1. Open the App Installer.
2. Find the application's icon and enter it.
3. Press the install button.
4. You can find the application in the tab "Apps" after installation.

Install from Google Store

1. Open the Google store application.
2. Enter your Google account name and password into the Google store.
3. Download and install.

Unlocking Features for Pre-Loaded Android Apps

1. Load your existing Gmail account onto your TV Set or create a new account to access the Android Play Store.
2. Now that you have access to the Android App on your TV, you can browse and load Apps.
3. In some instances when you try to access the Youtube or Netflix Apps, you are automatically requested to update Google Play Service.
4. If you are not prompted to update Google Play Service, you can either search for same in the Play Store App or via the Internet Browser. Update and this will unlock the full Android access.
5. Once you have updated this process, you can access all Apps with ease.

Using the remote control as a mouse:

1. Press the "  " button to turn on the mouse function.
 2. Use left, right, up and down arrow buttons to move the arrow around the screen.
 3. Use 'OK' button as mouse click (to select).
 4. Press the "  " button again to turn off mouse function.
- Alternatively, you can connect a standard USB mouse to the TV.

SCREENSHOT

Press to select the camera for a screenshot (only in Smart TV mode). You can find the screenshot file in Internal Memory/Public Memory/Pictures/Screenshots.

Technical Specifications

Display	55 inch(139.7cm)
Aspect ratio	16:9
Resolution	3840x2160
Brightness	300cd/m ²
Contrast	5000:1 Dynamic Contrast
Viewing angle	178°(H); 178°(V)
Menu OSD	Multi-Language
Audio	Built-in Speakers 2x10W
Input Terminals	ANT ENNA AV(Composite Input) HDMIx3 YPbpr(Component Video with Progressive Scan) USBx3 RJ45
Output Terminals	LINE OUT COAXIAL audio
Power	AC 100-240V~ 50/60Hz
Consumption	≤ 150W
Unit Size	1248x260x793mm(WxLxH)
Net Weight	12.9kg
Operating system	Android 5.1
Memory capacity	8G

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	● If your TV has a main power switch (O/I switch), make sure it is set to ON – refer to the Overview diagram for position. Note: The main power switch, if available on your TV, is separate from the standby button. ● Make sure the standby button is also 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 Foxtel box (or other device) is causing problems with the TV	● Try turning your TV on before turning your Foxtel 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 SOURCE button on the remote, then press the SOURCE 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 1080p for best performance.

Troubleshooting

Smart Features Troubleshooting

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
Cannot access any links on the browser	1. Errors in network parameter configuration. 2. Network connection is improper. 3. Network service is not activated. 4. Wi-Fi not connected properly	1. Contact the network administrator to obtain IP address and other parameters. 2. Check if network cable is connected properly. 3. Contact network service provider. 4. Connect to your Wi-Fi network
Cannot download or install apps	1. Problem with your network connection 2. Trying to install incompatible apps	1. Check your network connection (wired or wireless). 2. Not all apps are compatible with this TV. Some third-party apps may not work properly or may have limited functionality.
Text/ images getting cut off at the edges	1. Screen size not adjusted correctly.	1. Adjust screen size from 'Welcome' option in 'All Apps'. See 'Smart TV Install Wizard' section for instructions.

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