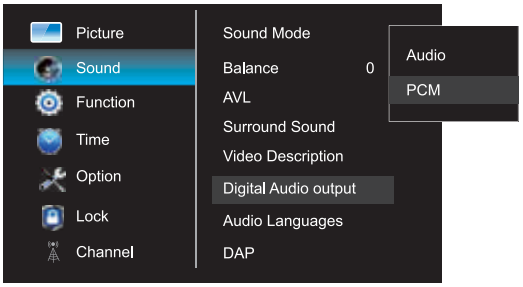
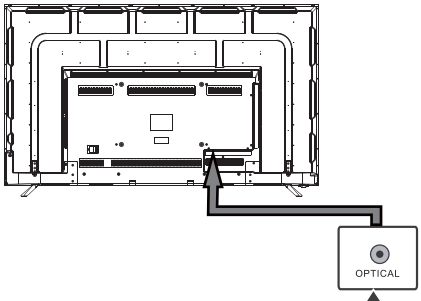
Connection to a Home Theater Audio System

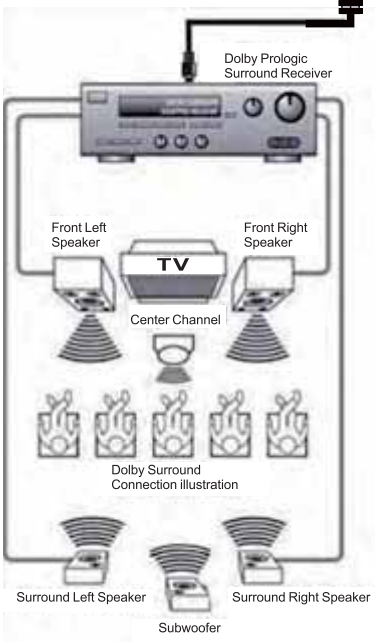
For BEST audio performance
Connecting to a Home Theater System Dolby Digital can deliver optimal 2 channel stereo or surround sound with five discrete full range channels plus a sixth channel for a subwoofer.
Enjoy optimal sound reproduction from your system with a Dolby Digital amplifier that incorporates a digital optical input. Connect an optional digital cable directly to the television's optical audio output to listen through all inputs except VGA.
（The VGA does not support digital audio）

How To Setup Digital Audio Output
Press the MENU button on the remote control
Press the right ► arrow button to select sound
Press the down ▼ arrow button to highlight Digital Audio Output ► Audio, PCM.





Optional digital cable
(not included)



*NOTE: Refer to the User Manual from your home theater equipment for recommended audio settings.

INITIAL SETUP

PUTTING THE UNIT ON A PROPER PLACE

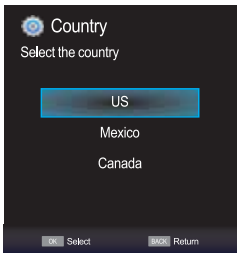
When you turn on your television set for the first time, be sure to place it on a solid stable surface.

To avoid danger, do not expose the TV to water, or a heat source (e.g. lamp, candle, radiator).

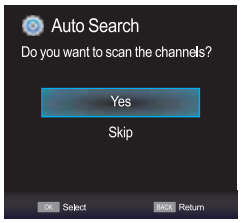
Do not obstruct the ventilation grid at the rear and be sure to leave sufficient gaps around the unit.

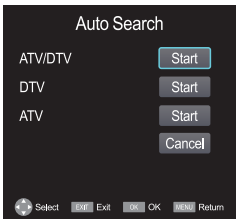
TURNING THE UNIT ON FOR THE FIRST TIME

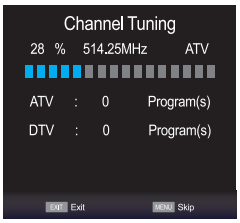
After you have initially connected your TV antenna or cable, turn the television ON. A screen will display asking you to select a Language, Country and Internet.



Select option of Auto Tuning under the up and down keys .Then press OK button on suitable location and the auto tuning will begin.

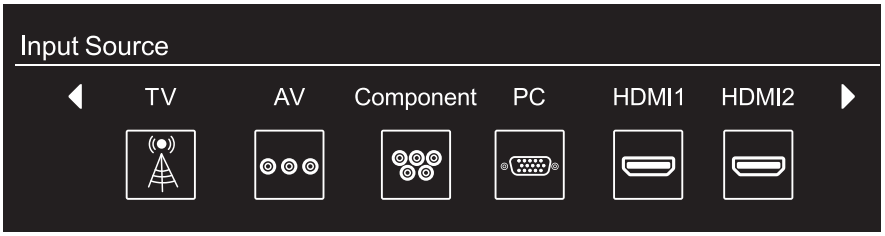






SOURCE SELECTION

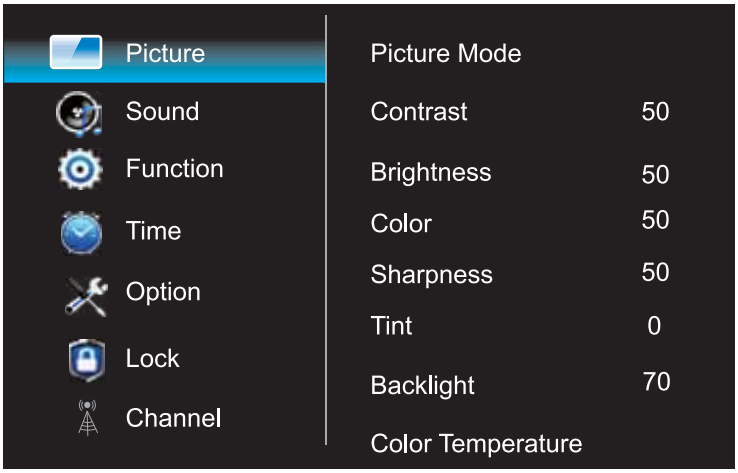
1. Press the **SOURCE** button on the remote control.
2. Use the ▲or▼button to select the options (TV,AV,Component,HDMI,USB) and select any of them using the **OK** button. (The screen will change to your desired source).



Note:
Before watching please make sure all necessary cables and devices are connected.

Picture Menu

Press **MENU** button to display the main menu.
Press ◄ / ► button to select **PICTURE** in the main menu,it will highlight the first option.



Picture Mode: Choose among Sports, Normal, Mild, Save and User. The following five items (Contrast, Brightness,Color,Sharpness and Tint) can be adjust only when the picture mode is set to "User" mode.

Contrast: Adjust the difference between light and dark areas of the picture.

Brightness: Adjust the lightness of the picture.

Color: Adjust the richness of the picture.

Sharpness: Adjust the edge of the picture.

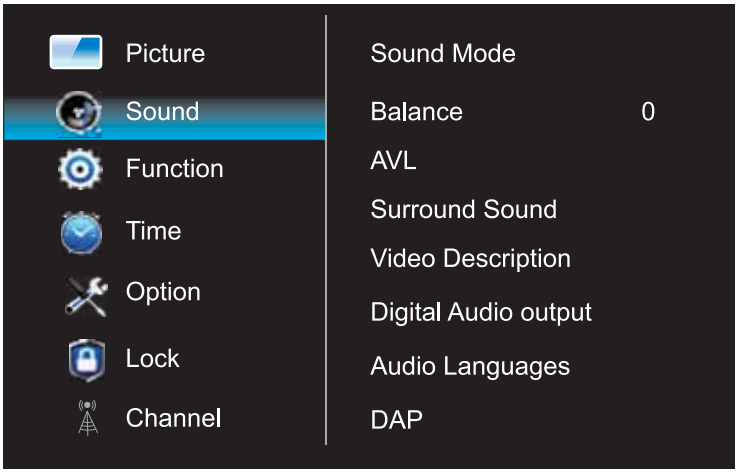
Tint: (Only for some sources) Adjust the tint value of the color.

Backlight: Adjust the backlight value of the TV screen.

Color Temperature: Select the overall color tone of the picture. Choices are Cool, Standard and Warm.

Sound Menu

Press **MENU** button to display the main menu.
Press ◄ / ►button to select **SOUND** in the main menu,it will highlight the first option.



Sound Mode: Choose among Standard, Music, Movie, Sports and User. The value of 120Hz, 500Hz, 1.5KHz, 5KHz or 10KHz can be adjusted only when the sound mode is set to "User"mode.

Balance: Control the sound balance between the right and left speaker.

AVL: Turn on to adjust the sound volume depending on the input signal.

Surround Sound: Help to create rich and wider sound from stereo sound sources.

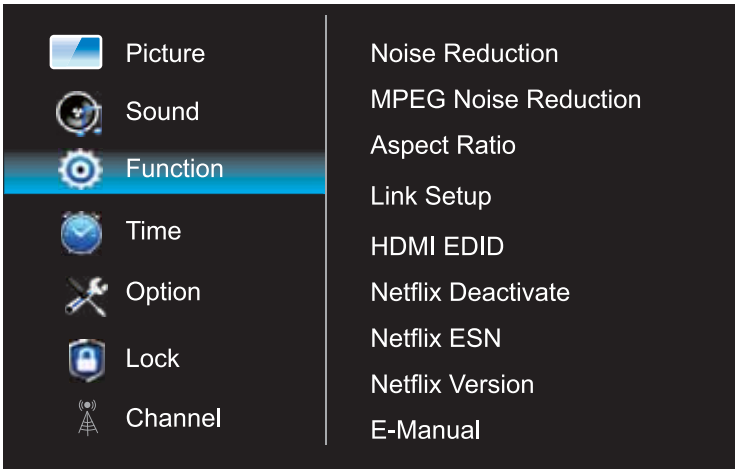
Video Description: Turn on or turn off the video description function to help the blind or visually impaired viewers.

Digital Audio Output: Set the digital audio output mode to PCM or Auto.

Audio Languages: Set the primary or secondary digital audio language corresponding to the signal.

Function Menu

Press **MENU** button to display the main menu.
Press ◄ / ► button to select **FUNCTION** in the main menu,it will highlight the first option.

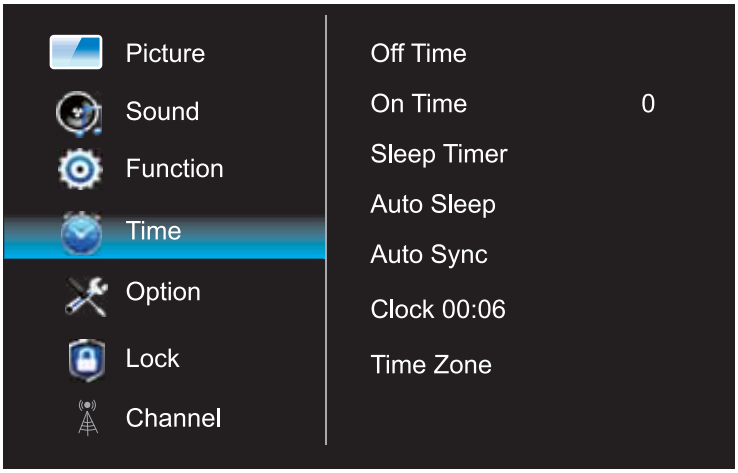


Noise Reduction: Eliminate noise in the picture. Choices are Off, Low, Middle, High and Auto.
MPEG Noise Reduction: Eliminate noise generated while converting or compressing MPEG signals. Choices are Off, Low, Middle and High. **Aspect Ratio:** Select the aspect ratio (display proportions) according to your video signal type or preference. Choices are 4:3, 16:9, Movie, Native and Panorama.
Note: The choices of aspect ratio differ by different regions or sources.
Link Setup: Command and control HDMI devices connected to the TV set.
1. Enable Link: Turn on or turn off HDMI Link function.
2. Auto Power On: Turn on to power on the TV set automatically when you turn on the HDMI device.
3. Auto Standby: Turn on to change the HDMI device to standby mode automatically when you turn off the TV set.
4. Device Select: Select the HDMI device from the device list.

HDMI EDID: Switch the version of Extended Display Identification Data.
Netflix Deactive: Logout your your Netflix user account.
Netflix ESN: Check the Netfix ESN number.
Netflix Version: Check the Netflix SW version.
E-Manual: Electronic Uesr Manual.
TTS: Setup the function of Text-to-Sound.
1. TTS: Turn on or turn off the TTS function. The following four items can be adjusted only when TTS is turned on.
2. Verbosity: Select the verbosity level.
3. Rate Support: Select the sound speed.

Time Menu

Press **MENU** button to display the main menu.
Press ◄ / ► button to select **TIME** in the main menu,it will highlight the first option.



Off Time: Setup the repeat mode and timer to turn off the TV set.

On Time: Setup the repeat mode and timer to turn on the TV set.

Sleep Timer: Set to turn off the TV set automatically. Choices are off, 10, 20, 30, 60, 90, 120, 180 and 240 minutes.

Auto Sleep: Setup the timer to turn off the TV set automatically when there is no operation. Choices are Off, 4 hours, 6 hours and 8 hours.

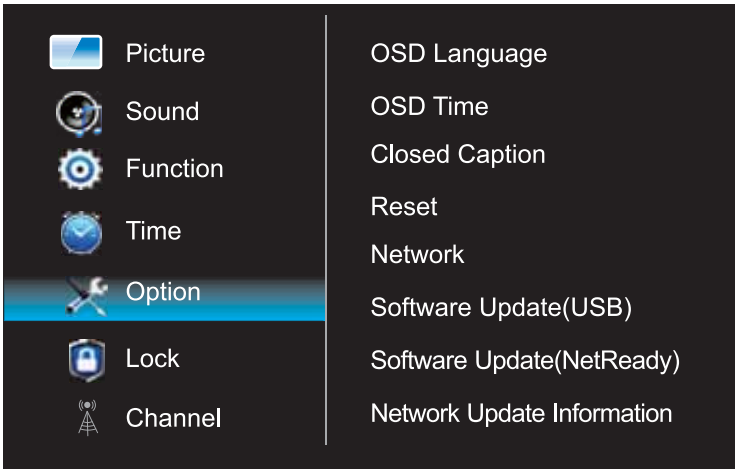
Auto Sync: Turn on or turn off the function of Auto Sync.

Clock: Setup the TV clock (Day, Month, Year, Hour and Minute). It is available only when Auto Sync is turned off.

Time Zone: Select the time zone. It is available only when Auto Sync is turned on.

Option Menu

Press **MENU** button to display the main menu.
Press ◄ / ► button to select **OPTION** in the main menu,it will highlight the first option.



OSD Language: Select your desired OSD language.

OSD Time: Select the time to keep the OSD display on the screen.

Closed Caption: Setup the function of Closed Caption.
1. CC Mode - Select the CC mode. The following three items can't be adjusted when the CC Mode is turned off.
2. Basic Selection - Select the basic CC type.
3. Advanced Selection -Select the advanced CC service type.
4. Closed Caption Option - Adjust the detailed CC settings such as font, color and so on.

Reset: Restore Menu options to the factory defaults, and restart the initial setup.
Note: User data on this TV will lose completely after operating this feature.

Network:
1. Status: Check the detailed information of network connection such as IP, MAC Address and so on.
2. WIFI: Setup to connect the TV set to the Wireless Network.
3. LAN: Setup to connect the TV set to the Wired Network.

Software Update (USB): Select to update Software from USB.

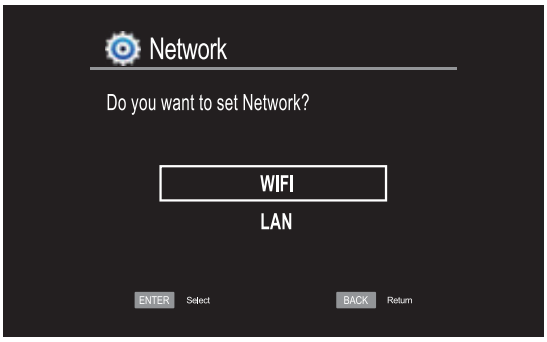
Software update (NetReady): Select to update software by network connection.

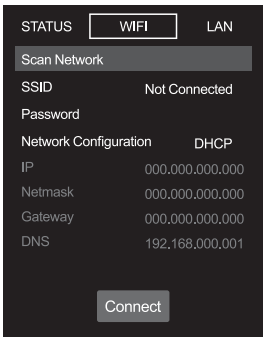
Network Update Information: Show network update information such as software version and so on.

Option Menu

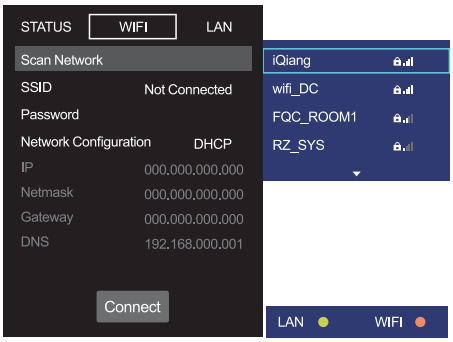
How to connect to WIFI?

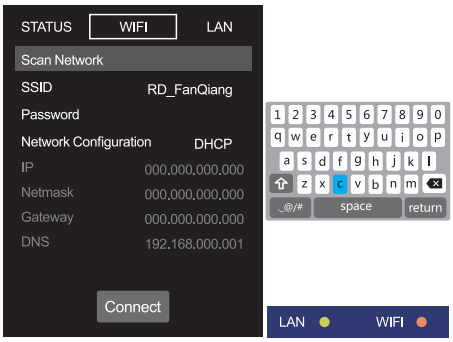
Press **MENU** button to display the main menu.
Press ◄ / ► button to select **OPTION** in the main menu, choose the **Network.**
After pressing the **OK** button, select WIFI.





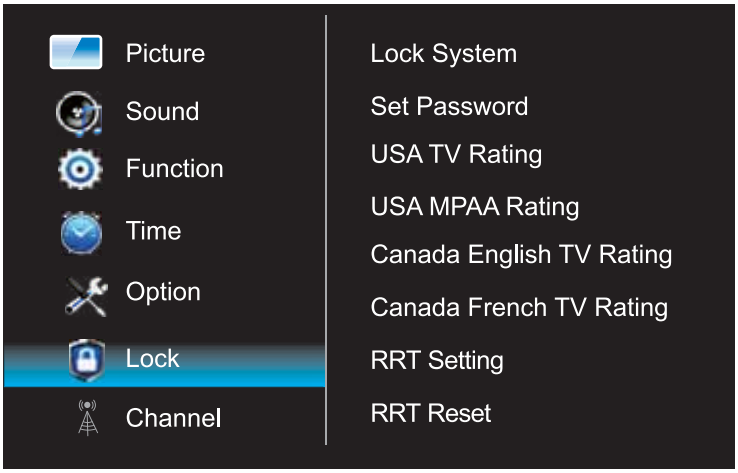
Select to WIFI setting and turn on the WIFI, select your WIFI network and enter the password, then select the Setting to connect the WIFI. If you want to connect a new WIFI network, please select to WIFI item and press the OK button from the remote, it will search some new WIFI network nearby the TV, select the WIFI network and enter the password to connect it.





Lock Menu

Press **MENU** button to display the main menu.
Press ◄ / ► button to select **LOCK** in the main menu,it will highlight the first option.



Input the initial password(**0000**) or your own password to access this feature, then press **OK** button to enter the following features.

Lock System: Select On to enable the following eight items.

Set Password: Use to change the current Lock password.

USA TV Rating: Block or unblock programs according to USA TV Rating.

USA MPAA Rating: Block or unblock programs according to USA MPAA Rating.

Canada English TV Rating: Block or unblock programs according to Canada English TV Rating.

Canada French TV Rating: Block or unblock programs according to Canada French TV Rating.

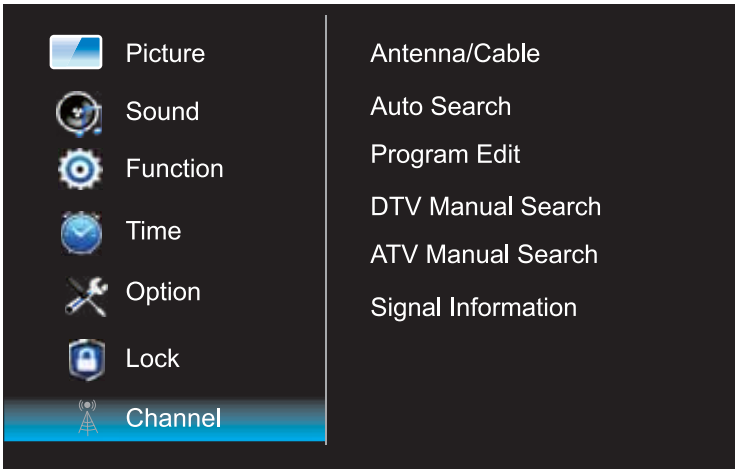
RRT Setting: Adjust the settings of RRT(Region Rating Table).

RRT Reset: Reset the RRT settings to the defaults.

Note: If you change the password and forget it, you can use the super password 8899 to enter the lock system.

Channel Menu

Press **MENU** button to display the main menu.
Press ◄ / ► button to select **CHANNEL** in the main menu,it will highlight the first option.



Antenna/Cable: Select the tuner mode between Antenna and Cable.

Auto Search: Search for programs automatically. If you want to stop the auto search, prees EXIT button. Then Select “Yes” to exit searching and “No” to continue searching.

Program Edit: Edit the programs. You can press RED button to delete programs, press BLUE button to skip programs, and add programs to the favorite list by pressing Yellow button.

DTV Manual Search: Search for the DTV programs manually. The search stops when a program is found and this program will be stored automatically. Press EXIT button to exit the searching. Before DTV manual search, you need to Select the desired UHF CH.

ATV Manual Search: Search for the ATV programs manualy. When a program is found, press RED button to save it. Press EXIT button to exit the searching. Before ATV manual search, you need to select the desired Current Channel. If the signal is weak of distorted, you can select “Fine Tune” to adjust the frequency slightly until the image is clear.

Signal Information: Show the signal information of current DTV channel.

USB Media Player

USB Media Menu

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

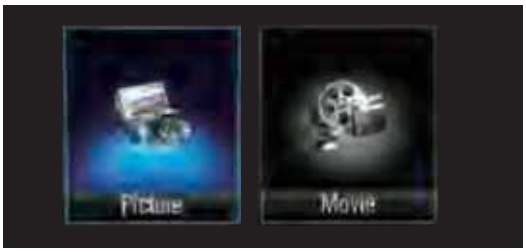


Photo Menu

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.

Movie Menu

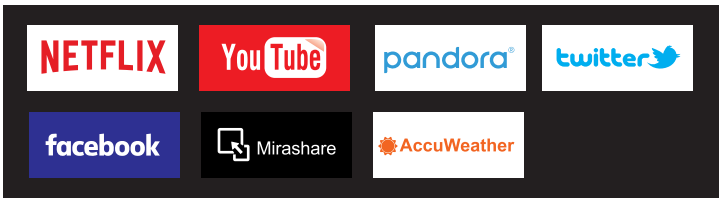
Press ◄/► button to select Movie in the main menu, then press Enter button to enter.
Press menu button to return back to the previous menu and exit menu to quit.
Press ◄/► button to select drive disk you want to watch, then press Enter button to enter.

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.

NOTE: It can not play music and TEXT format.

Smart TV Operation

Press **HOME** button on the remote control to enter the Main Launcher.
Press the arrow buttons◄/► to select the APP, then press "**OK**" button to enter.



NETFLIX YOU can press "NETFLIX" button or press **HOME** button select the NETFLIX to enter.

After enter the NETFLIX you can see below login interface,input your account and password,press "OK" button, then you can enjoy the NETFLIX resources.

facebook Press the arrow buttons◄/► to select the Facebook, then press "**OK**" button to enter.

After enter the FACEBOOK you can see below login interface with 8 random code, first pls visit http://www.facebook.com/device on your smart phone or computer and enter this code.
Second input your facebook account and password then login in.
Third enter the 8 random code which marked in the first picture. Then you can success to use facebook.

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Smart TV Operation

1. Use arrow key to Select button, then press “ENTER” key to enter Youtube.
2. Use arrow button to select one video and press “ENTER” key to play. Press “Menu” key to exit playing.
3. Press ▼ key to open or close control menu when playing.
4. Press ▲ key to enter search interface, input the keyword and then press “ENTER” to search videos.

Use arrow key to Select button, then press “OK” key to enter pandora.

Press the arrow buttons◄/► to select the Mirashart, then press “**OK**” button to enter.

Note: Please note that depending on the mobile device, Screencast may not operate as indicated.

1. Use arrow key to Select button, then press “ENTER” key to enter Accuweather.
2. Input a city or zip code pr ess select to get the weather information.

DISPLAY MODE

VIDEO FORMATS

SUPPORTED COMPONENT / HDMI INPUT MODE			
Resolution	Horizontal Scanning Frequency (KHz)	Vertical Scanning Frequency (Hz)	Format
720 X 480	15. 73	59. 94	480 i
720 X 480	31. 5	59. 94	480 p
1280 X 720	45	60	720 p
1920 X 1080	33. 75	60	1080 i
1920 X 1080	27	24	1080 p
1920 X 1080	67· 50	60	1080 p
3840 X 2160	53.9	24	2160p
3840 X 2160	67.5	30	2160p
3840 X 2160	134.5	60	2160p

NOTE:

The above listed formats are also related to the AV devices you are about to connect. Before you connect this unit with others please read all instructions carefully and make sure all necessary cables are connected.

This unit may be incompatible with some other formats which are not meet the above conditions.

SPECIFICATION

Model Description		70"LED TV
Panel	Panel Type	LED Panel
	Diagonal Size	70inches
	Screen Format	16:9
	Resolution	3840 x 2160
	Brightness	300 cd/m²
	Contrast	4000:1
	View Angle	176(H)/176(V)
	Response Time	8.0ms
	Maximum Color	16.7M colors
Systems	Color System	NTSC/ATSC
	Sound System	M/MTS
	Sound Output	L/R Speaker:10W+10W
Input / Output Jacks	RF Input	75 ohm external terminal
	HDMI Input	480i, 480p, 720p, 1080i, 1080p, 2160p.
	Composite Video Input	1.0 Vp-p, 75ohms
	Component/Y Pb Pr Input	Y: 1.0 Vp-p, 75ohms, 0.3V negative sync Pb: 0.7Vp-p, 75ohms Pr:0.7Vp-p, 75ohms
	Sound Input	AV AUDIO: For CVBS/COMPONENT Audio input 500mV rms, Impedance: 20k ohms
	Digital audio out	S/PDIF Optical
	USB Port	Media player
Power	Power Requirement	100-120V~60Hz
	Rated Power Consumption	107W

This manual is only for your reference.
Specifications are subject to update without prior notice.

TROUBLESHOOTING GUIDE

SYMPTOM	CAUSE (AND REMEDY)
TV	
Bad Picture (snow, multiple images distortion,blurry)	• Check the location of the antenna and adjust it if necessary. • Make sure the antenna cable is firmly connected. • Make sure all input cables are firmly connected.
No sound.	• Increase the volume. • Check whether the mute function has been activated on the Remote Control.
Black and White picture.	• Check the PICTURE setting within the PICTURE menu. • Check to make sure the program you are watching is broadcast in Color and not Black & White.
No picture or sound.	• Make sure the unit is plugged in and turned on. • Make sure that the ATV mode is selected. • Try a new channel to check for possible station trouble. • Make sure the antenna is connected properly. • Increase the volume. • Make sure the antenna or audio/video source device is working properly. • Make sure all cables are firmly connected. • Check for local interference.
Colored patches of picture.	• Make sure there are no unshielded electrical devices nearby that are causing interference. • Turn the TV off for 30 minutes, then try it again.
Panel function key does not respond correctly.	• Under the influence of electrostatic phenomenon, the product may malfunction and require usertopowerreset. • Unplug and re-plug the AC power cord.
The display monitor's panel goes hot.	• LED TV takes inside lighten phosphor. It may increase the temperature of the screen in some occasions. It's not a defect.
Unusual dots	• Black dots and Bright points may appear on the LED screen. This is a structural property of the LED panel and is not a defect.
Stripes on screen	• Adjust the impulse phase may decrease stripes. RGB in
The top of the monitor gets hot.	• It may occur during long-time working. It's not a defect.
Unable to select a certain channel.	• The channel may be skipped. Choose this channel by directly selecting the buttons from the remote control.
Disorder display at power on.	• This may be caused because of a very short interval between POWER OFF and ON. • Unplug the power and restart.

FCC Warning

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

Note 1: 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.

Note 2: 1.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.

2. The minimum separation generally be used is at least 20 cm.

Company Name:	Curtis International Ltd.		
Company Address:	7045 BECKETT DRIVE, UNIT 15, MISSISAUGA, ON, L5S 2A3		
Telephone:	1-800-968-9853	**Fax**:	1-800-968-9853