

印刷条形码
物料号: 1127608

USER MANUAL

Before using the TV, please read this manual thoroughly and retain it for future reference.

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The Pictures are Only for Reference !

Declaration

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Important Safety Precautions



This symbol alerts user about the presence of a dangerous voltage not isolated inside the product which can be sufficiently powerful to constitute a risk of electrocution.



This symbol alerts user about the presence of important operating instructions and maintenance in the document enclosed in the package.



ATTENTION

RISK OF SHOCK
ELECTRIC



Do not open the back cover.

In no case the user is allowed to operate inside the TV set.
Only a qualified technician is entitled to operate.

Disposal of Used Electrical & Electronic Equipment



Packaging and electrical goods should be recycled appropriately, and not treated as household waste. Please dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipment waste. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



Incorrect replacement of the battery may lead to the risk, including the replacement of another similar or the same type. Do not expose batteries to heat such as sun or fire or something like that.



The device should not be exposed to dripping and spraying and it cannot be placed under objects filled with liquids.



Main plug is used as the disconnect device, the disconnect device shall remain ready for operating.

Warning

If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. 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.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- Not standing the televisions on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.

Important Safety Precautions

Safeguards

Please read the following safeguards for your TV and retain for future reference.
Always follow all warnings and instructions marked on the television.

1. A note about safety and operating instructions

Read and follow all safety and operating instructions, and retain them safely for future reference.

2. Heed Warnings

Adhere to all warnings on the appliance and in the operating instructions.

3. Cleaning

Unplug the TV from the wall outlet before cleaning. Do not use liquid, abrasive, or aerosol cleaners. Cleaners can permanently damage the cabinet and screen. Use a lightly dampened cloth for cleaning.

4. Wall Bracket

Wall brackets are not supplied with this product. After market brackets may be available to purchase locally. Please refer to the specification page for dimensions.

5. Water and Moisture

Avoid dripping or splashing of liquids onto the product. Objects filled with liquids, such as vases, should not be placed on the product.

6. Setting

Do not place this TV on an unstable cart, stand or table. Placing the TV on an unstable base can cause the TV to fall, resulting in serious personal injuries as well as damage to the TV. Use only a cart, stand, bracket or table recommended by the manufacturer or salesperson.

7. Ventilation

Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the TV and to protect it from overheating. Do not cover the ventilation openings in the cabinet and never place the set in a confined space such as built-in cabinet unless proper ventilation is provided. Leave a minimum 10cm gap all around the unit.

8. Power Source

This TV should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your appliance dealer or local power company.

9. Power-Cord Protection

Power- supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plug, wall outlets, and the point where they exit from the TV. MAIN plug is used as the disconnect device, the disconnect device shall remain readily operable.

10. Lightning

For added protection for this TV during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV due to lightning or power-line surge.

11. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. Where installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Important Safety Precautions

12. Overloading

Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

13. Object and Liquid Entry

Never push objects of any kind into this TV through openings as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock. Never spill liquid of any kind on or into the TV.

14. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges.

15. Servicing

Do not attempt to service this TV yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

16. Damage Requiring Service

Unplug the TV from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- (a) When the power - supply cord or plug is damaged.
- (b) If liquid has been spilled, or objects have fallen into the TV.
- (c) If the TV has been exposed to rain or water.
- (d) If the TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the TV to its normal operation.
- (e) If the TV has been dropped or the cabinet has been damaged.
- (f) When the TV exhibits a distinct change in performance - this indicates a need for service.

17. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

18. Safety Check

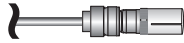
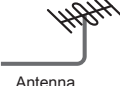
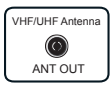
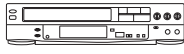
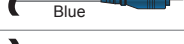
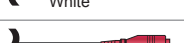
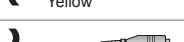
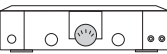
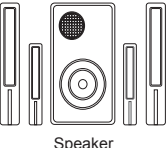
Upon completion of any service or repair to the TV, ask the service technician to perform safety checks to determine that the TV is in safe operating condition.

19. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Setting Up

Rear TV Connectors

TV	Connectors	Cables	External Equipment	Brief Description
ANT			 Antenna  VHF/UHF Antenna ANT OUT	Connect an outdoor VHF/UHF antenna.
HDMI				Connect a HDMI High Definition Multimedia cable from external equipment.
COMPONENT IN		 Green	 VCR  DVD Player/Recorder  Video Camera  Set-top Box  Satellite Receiver  Satellite antenna cable	Connect a component video cable and left-right audio cables from external equipment.
		 Blue		
		 Red		
		 White		
		 Red		
AV IN		 Yellow	 White	Connect a composite video cable and left-right audio cables from external equipment.
		 White		
		 Red		
VGA	VGA 		 PC	Connect a VGA cable from your PC to use the TV as a monitor. Connect an audio cable from the PC audio out.
	AUDIO 			
USB			 Mobile Hard Disk	Connect a USB device for browsing photos, music and movies.
DIGITAL AUDIO OUT			 Audio Amplifier  Speaker	Connect an optical cable from an external digital audio system.
LAN			 LAN	Connect an Ethernet cable to access a network or the Internet.
HEADPHONE				Connect Headphone for audio out.

Connection Instructions

● Connecting an Aerial

To view television channels correctly, a signal must be received by the set from the following source:

- An outdoor VHF/UHF antenna.

● Connecting HDMI

Supports digital connections between HDMI - enabled A/V devices such as (PVRs, DVD, Blu-Ray, HD-DVD, AV receivers and digital devices).

No sound connection is needed for HDMI to HDMI connection.

What is HDMI?

NOTE

Some devices such as a PVR or DVD players require a HDMI signal to be set to output in the device's settings. (Please consult your device user manual for instructions.)

- HDMI, or high-definition multimedia interface, is a high resolution interface that enables the transmission of digital audio and video signals using a single cable without compression.
- "Multimedia interface" is a more accurate name for it especially because it allows multiple channels of digital audio (5.1 channels). The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection) coding feature installed, and supports multi - channel digital audio.
- Use the HDMI terminal for HDMI connection to a compatible device. If your external device has DVI only, you should use a DVI-to-HDMI cable (or adapter) for the connection, and the "R - AUDIO - L" terminal on DVI for sound output.

● Connecting Component Devices (DVD/PVR)

Connect Component video and audio cables to Component inputs ("Y"(Green), "PB"(Blue), "PR"(Red)) on the rear of your set and the other ends to corresponding component video out connectors on the source (PVR, DVD, etc)

The Y, P_B and P_R connectors on your component devices (PVR or DVD) are sometimes labeled Y, B-Y and R-Y or Y, C_B and C_R. (Colours for inputs and cables must correspond on both devices.)

NOTE

Some devices such as a PVR or DVD player require a "Component/YP_BP_R" signal to be set to output in the devices settings. (Please consult your device user manual for instructions.)

● Connecting External A/V Devices

Connect a Video RCA cable to an appropriate external A/V device such as a VCR, DVD or Camcorder.

Connect RCA audio cables to "R (Right/Red) - AUDIO - L (left/White)" and Video cable with yellow connector to the "Y" (Green) input on the rear of your set and the other ends to corresponding audio and Video out connectors on the A/V device.

● Connecting a Computer

Connect the D-Sub cable to "VGA" on the rear of your set and the other end to the Video Card of your computer.

Connect the stereo audio cable to "AUDIO " on the rear of your set and the other end to "Audio Out" of the sound card on your computer.

Primarily this unit is intended for use as an LCD TV. If using as a monitor, and compatibility is a problem; please contact the manufacturer of the PC Video/Graphic's card for further support. Perfect compatibility is not warranted.

● Connecting USB data Devices

Connect a USB device for browsing photos, listening music, watching movies. This USB port also can be used for servicing and updating software on your TV.

● Connecting Digital Audio

Connect an optical audio device to this jack (Toslink optical cable is needed).

● Connecting Headphones

Headphones can be connected to the headphone output on the side of your set.

● Connecting a network or the Internet

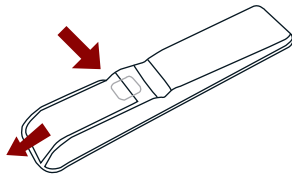
Connect an Ethernet cable to access a network or the Internet. TV also features wireless connectivity. For more information, see " Using the Network Menu".

Using the Remote Control

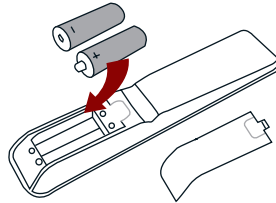
Installing Batteries in the Remote Control

1. Slide the back cover to open the battery compartment of the remote control.
2. Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Close the battery compartment cover.

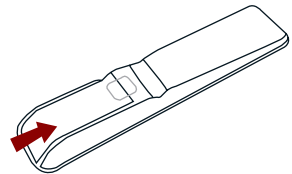
❶ Gently push and slide



❷ Insert the batteries



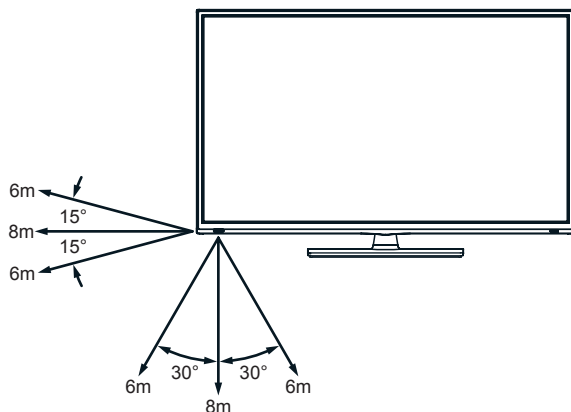
❸ Gently push and slide



NOTES

- Dispose of your batteries in a designated disposal area. Do not throw the batteries into a fire.
- Do not mix battery types or combine used batteries with new ones.
- Remove depleted batteries immediately to prevent battery acid from leaking into the battery compartment.
- If you do not intend to use the remote control for a long time, remove the batteries.
- Batteries should not be exposed to excessive heat, such as sunshine, heat registers, or fire.
- Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin, wash immediately.

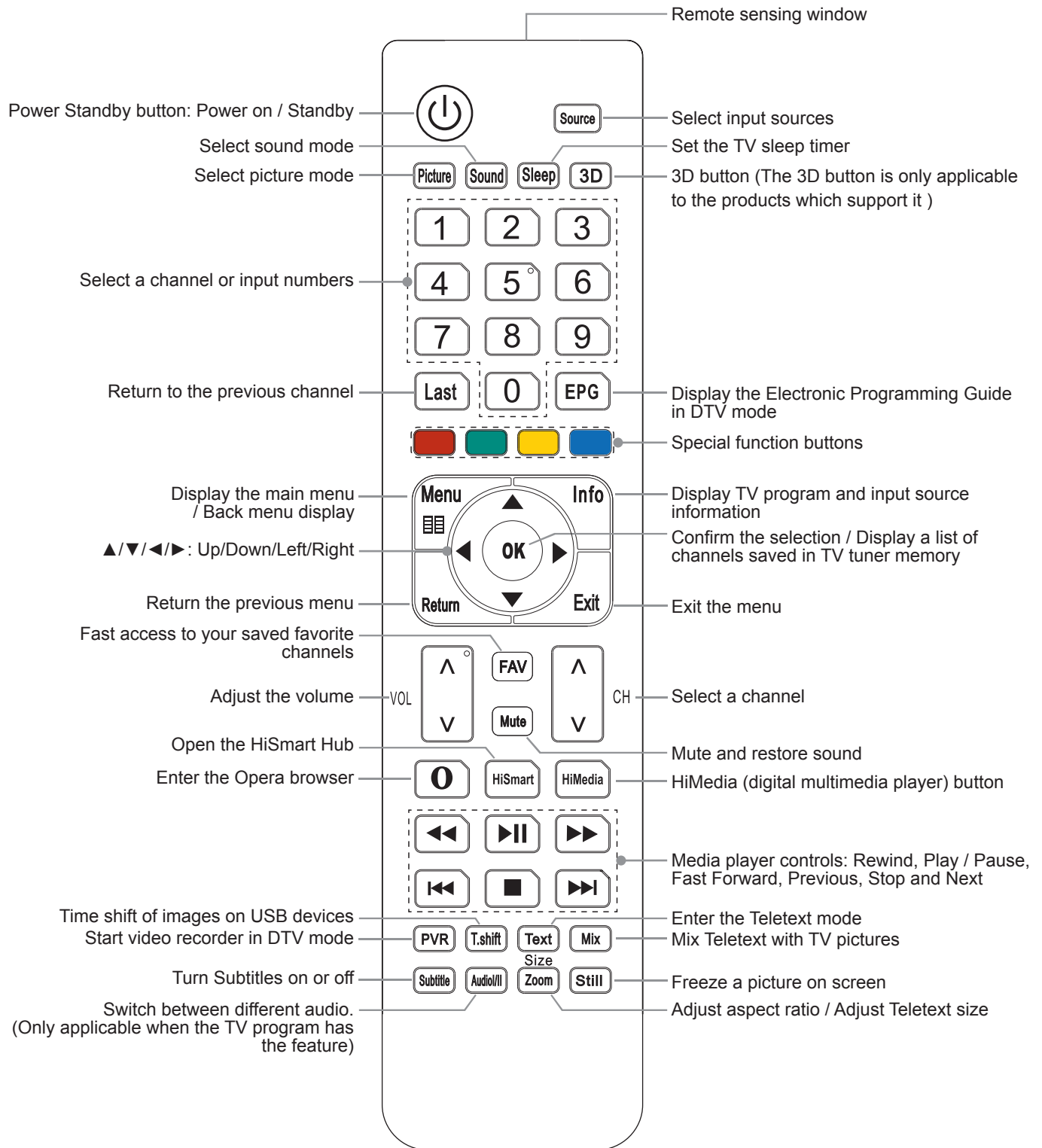
The Range of Remote Control



1. The maximum distance is 8 meters in front of the TV set.
2. The remote control is effective within 30 Degrees of horizontal angle, or 15 Degrees of vertical angle at maximum distances of 6 meters.

Using the Remote Control

Viewing the Remote Control



Using the Remote Control

● Turning your TV on and off

To turn your TV on: Connect the TV to an AC power outlet and an external antenna, then turn on the power via switch located below the front right hand side of unit. .

Turning off to standby mode: Press [ Power Standby] on the back RHS panel or on the remote control to switch to standby mode. You can activate the unit again by pressing [ Power Standby].

WARNING

When your TV is in standby mode, it is still receiving power. To completely disconnect power, unplug the power cord.

● Selecting the Input Source

- Select the Input Source depending on the video device you have connected to your TV.
- To select the Input Source:

Press the [**Source**] button. When the list of Input Sources appears, press the [▲/▼] buttons to select the source, then Press the [**OK**] button to connect.

Alternative

- Press the [**HiSmart**] button to enter the HiSmart hub, then press the [▲/▼/◀/▶] buttons to select the options.
- Press the [**HiMedia**] button to switch to HiMedia mode directly
- Press the [] button to switch to the browser interface directly if the network is connected.

● Changing channels

Press the [**CH ▲/CH ▼**] buttons to go to the next higher or lower channel. Or, Press the number buttons to select a channel. For example, to select channel 12, press [1], then press [2].

Alternative

- Press the [**OK**] button to display the channel lists when there is no menu on the screen. Press the [**Red/Green**] buttons to turn to the last / next page. Press the [▲/▼] buttons to select a channel and then press the [**OK**] button to view the selected channel. Press the [**Yellow**] button to display the list type selection. Press the [▲/▼] buttons to select the type and press the [**OK**] button to confirm.

- Press the [**FAV**] button to view the Favorites. Press the [◀/▶] buttons to select the favourite list. Then press the [**Yellow**] button to add the channel. If you want to add another channel, press the [**CH ▲/CH ▼**] buttons to switch to the channel and then press the [**Yellow**] button to add it. Press the [**Red/Green**] buttons to page up/down and press the [▲/▼] buttons to select the channel on the list. If you want to erase a channel you can press the [**Yellow**] button to erase it. If you want to view a channel, press the [▲/▼] buttons to select a channel and then press the [**OK**] button to view the selected channel if you have previously preset your favorite channels.
- Press the [**Last**] button to go to the last viewed channel.

● Displaying channel information

Press the [**Info**] button to display the current information.

● Adjusting the volume

Press the [**VOL ▲/VOL ▼**] buttons to increase or decrease the volume. Press the [**Mute**] button to turn the sound off. Press the [**Mute**] button again to turn the sound back on.

● Selecting the sound mode

Press the [**Sound**] button to select between 4 different pre-adjusted sound modes: Standard, Music, Speech, and User (configurable mode). The User mode preserves your preferred sound settings after setting the audio frequency band via the Equalizer which is located under the Audio submenu.

● Selecting the picture mode

Press the [**Picture**] button to select between 5 different pre-adjusted picture modes: Standard, Soft, Bright, Game and User (configurable mode). The User mode automatically preserves your personal settings after adjusting brightness, colour and contrast levels.

● Selecting the aspect ratio

Press the [**Zoom**] button to change the screen aspect ratio options (4:3, Auto, 16:9)

● Freezing a picture

Press the [**Still**] button to freeze current viewing picture and press again to return to the normal mode.

Using the Remote Control

- Setting the sleep timer

Press the [**Sleep**] button repeatedly to set the desired time period before the TV turns off automatically. To cancel the sleep time, press the [**Sleep**] button repeatedly until the Off option appears.

- Audio function (ATV mode)

Pressing the [**Audio/II**] button the TV screen will display the Audio options such as Mono or Stereo modes (This is limit to the availability of this option on the channel).

- Text

You can select the Teletext language by selecting the language options (depends on the program if it provides more than one option available).

- Mix

In the Teletext mode, press the [**Mix**] button to mix the Teletext with TV pictures.

- PVR

The PVR enables the user to easily record the digital television content for later viewing. The function is to be used in DTV source only. The format of storage disk must be FAT32 or NTFS. This option does not commerce if the data storage device has not been connected. There are two options for recording, one option is to use Electronic Program Guide (EPG) and or press the PVR button.

- Electronic Program Guide (EPG) (only available in DTV mode)

Press the [**EPG**] button to display channel information on program guide list.

Press the [**▲/▼**] buttons to select the channels and press the [**OK**] button to confirm.

Press the [**◀/▶**] buttons to select the program based on the time schedule.

Press the [**Red/Green**] buttons to select Record/Reminder.

1. Press the [**▲/▼**] buttons to change and set a different options.
2. Press the [**◀/▶**] buttons to change and set a different channel.

- Select and set the date, time and schedule type of recording or reminder:

Press the [**◀/▶**] buttons to move to the position you want to set and then press the [**0~9**] buttons to input the desired numbers.

- Schedule type:

You can select between Remind and Record.

- Repeat type:

You can select from different options: Once, Daily and Weekly. If Weekly is selected, you can press the [**▲/▼/◀/▶**] buttons to select the days in the following lines and press the [**OK**] button to confirm.

3. Press the [**◀/▶**] buttons to select Add and press the [**OK**] button to confirm. Press the [**Blue**] button to display the Schedule List, the selected program for record or reminder should be shown in the list. You can watch the recorded program in **HiMedia** mode, Press the [**■**] button to stop record and a *.pvr file will be saved. The files can be played back in HiMedia. Please note that the TV will record the program even in standby mode.

NOTE

Removing of the old file is not supported by the TV, you may need to connect the device to the computer to delete the unwanted files.

- Timeshift

This option allows the user to watch a live broadcast (DTV only) with a delay. Since the function record temporary the program onto a USB or portable storage device. The user must make sure to connect a USB disk which its storage capacity is no less than 2G. Otherwise the recording will not commerce. Please note that the Timeshift option in the Menu > Setting should be set to On mode.

Press the [**T.shift**] button to display the menu, press the [**▶II**] button to pause the live broadcast and press it again to play. Press the [**◀◀**] button to watch reverse and press the [**▶▶**] button to watch advance playback rapidly. Press the [**■**] button to exit the function and watch the current broadcast.

Basic Features

Turning the TV On for the First Time

The Installation Guide Menu appears the first time you turn on the TV. It will assist you to specify the Language Setting, Country Setting, Time Zone Setting, Use Mode, Network Setting and Channel Search.

- Make sure that you have:
 - Installed the remote control batteries.
 - Connected an antenna or cable.
 - Connected the power cord.
- Press the **[POWER]** button to turn on your TV, it will go straight into **Setup Wizard** menu.
- Press the **[▲/▼/◀/▶]** buttons to navigate between the menu's options and change the settings. Press the **[OK]** button to confirm.

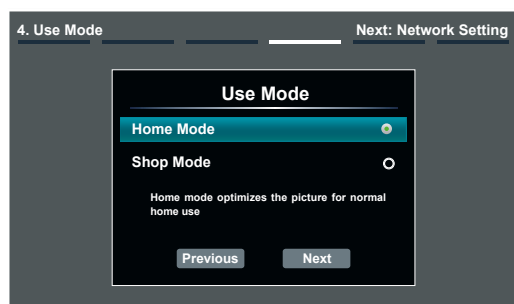
Language Setting - Select your desired language to be displayed on the menu.

After the language is set, you will enter the Welcome interface, press "Next" to enter the next step of the wizard.

Country Setting - Select the country where you will operate the TV.

Time Zone Setting - Select the local time zone according to your region (just for Australia area).

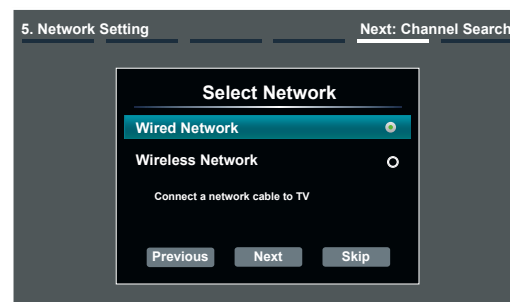
Use Mode - Select your Mode Setting: Home Mode or Shop Mode. Home Mode is the recommended setting which offers full functionality of the television.



Network Setting - Connect your TV to access the network.

When the Network Setting menu opens, Service Statement will appear. Press the **[▲]** button to enter text content and press the **[◀/▶]** buttons to scroll through the pages. Please read it carefully.

- If select "Agree", you can set your TV to your local area network (LAN) with a Ethernet or wireless connection to access the internet. For more information of Wired Network and Wireless Network, see page of "Using the Network Menu".
- If select "Disagree", you will enter the channel search menu to scan progresses.

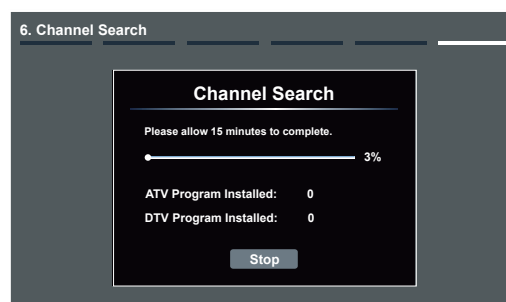


NOTES

- If you selected Wired Network, please make sure that you have connected the network cable to the LAN port on the back of your TV.
- On the Select Network screen, if you press "Skip", you will switch to "Channel Search" menu directly.

Channel Search - Search and store all available TV channels automatically.

- On the Channel Search screen, If you select "Skip", your TV does not scan for channels. If you select "Scan", your TV automatically starts Channel Installation available in your viewing area.
- Depending on the reception condition, it may take up to 15 minutes or more to complete storing the channels. In this process, if you want to interrupt the channel search, please press the "Stop" button.



NOTE

If you want to reboot the Installation Guide, you can switch on the Setup wizard in the Setting menu, but if the channel was locked in the menu, you need to enter the password to enter the scan channel mode.

After scan, you will enter the complete interface. It will display all informations that you set just now and then you can press "Go" to exit the wizard.

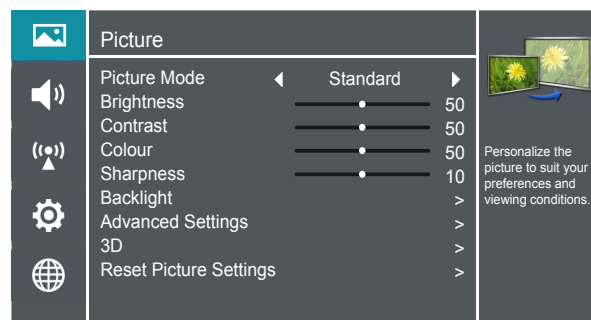
Basic Features

To Use the Menu

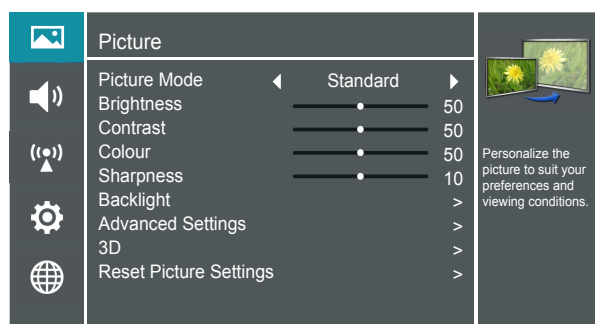
1. Press the **[Menu]** button to open the main menu.
2. Press the **[▲/▼]** buttons to select a menu option, then press the **[▶/OK]** buttons to enter the sub-menu.
3. In each menu, you can:
 - Press the **[▲/▼]** buttons to select an option in the submenu list,
 - Press the **[◀/▶]** buttons to adjust the option for the submenu,
 - Press the **[▶/OK]** buttons to enter the submenu,
 - Press the **[Return]** button to return the previous menu.
4. Press the **[Exit]** button to terminate this menu.

NOTE

The menus in the user manual may vary slightly from the actual screen.



Using the Picture Menu



The picture setting allows the user to optimize the output quality picture of the TV.

Picture Mode - For setting up the picture mode and improving the TV picture quality, press the **[Menu]** button and then select Picture Mode. Based on the environment and the requirement select the correct picture mode from the following options: Bright, Standard, Soft, and User.

Bright: Select the Bright Mode for better viewing the picture in a bright environment.

Standard: Select the Standard Mode which provides optimum picture viewing for standard broadcast, cable, or satellite programs.

Soft: Select the Soft Mode to lower the contrast and brightness of picture view in a dark environment.

User: Select the User Mode when using your own personal adjustment. The personal parameter setting for Brightness, Contrast, Colour, Sharpness, and Backlight will be stored in the memory.

Brightness (for User mode) - Adjust the overall luminance of the picture.

Contrast (for User mode) - Adjust the luminance ratio between black and white.

Colour (for User mode) - Adjust the color saturation within the picture.

Tint - Adjust flesh tones so they appear natural. (Only available when receiving systems is NTSC)

Sharpness - Adjust to achieve the optimum sharpness of edges and details within the picture.

Backlight - Adjust backlight to suit light conditions of the environment. Please note that this option is not available when 3D Mode sets to On.

Backlight Mode: Adjust backlight mode by selecting the Manual or Adaptive Backlight mode.

Backlight Adjust : It is only available when Backlight Mode sets to Manual. Adjust the backlight level bar to select the optimum levels of illumination.

Advanced Settings - The advance setting provides the specialized features settings.

Colour Temperature: Adjusts the colour components independently to achieve the desired warm or cool feeling by selecting one of the following options: Standard, Warm, and Cool.

Noise Reduction: Reduces the noise level of the connected devices. You could select one of the following options: Auto, Off, Low, Medium, and High.

Basic Features

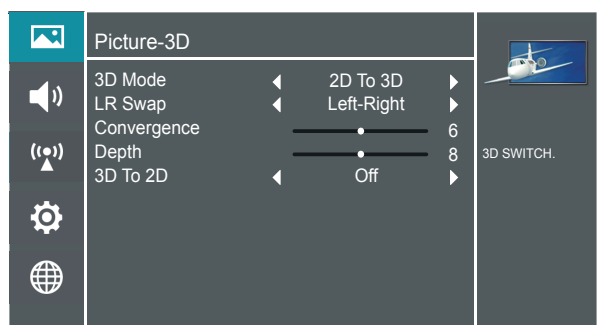
Adaptive Luminance: Automatically adjusts the detail and brightness within the picture. You can select one of the following options: Off, Low, Medium, and High.

MJC: An advance feature to improve the perception of moving images. If Effect option is set to Off, the Demo Partition and Demo options are not available. (Depends on the availability model)

3D - Enables playing of 3D movies and TV shows by using the compatible 3D glasses. Please refer to the 3D section for more information. (The 3D function is only applicable to the products which support it)

NOTES

- When 3D video is watched under the fluorescent lamp (50~60 Hz) or tri-band fluorescent tube, there may be slight flicker, so please adjust the illumination downward or switch off the light.
- Certain functions, such as Zoom, are not available when watching 3D movies and TV shows.
- This TV supports automatic identification of common 3D formats when connected to HDMI V1.4 compatible sources. Other 3D sources require manual setup.
- To prevent the interference with other TVs or wireless devices, syncing shall be performed between the glass and the TV, for this reason after following the above procedure you require to press the Power key for 2 seconds to start pairing, when the indicator light flashes twice, syncing is completed.
- Sit upright facing the TV when watching 3D movies and TV shows.



3D Mode: You can enter the 3D Mode and set the 3D format.

- **Off:** When viewing 2D video, this option must be selected.
- **2D To 3D:** The TV can convert ordinary 2D program to 3D program. When wearing 3D glasses, you can view the 3D video effect.

- **Side By Side:** Select it according to video source signal.
- **Top And Bottom:** Select it according to video source signal.

NOTES

- When 3D signal format is Frame Packing, the image will be displayed according to the resolution of the incoming signal. For example: when the input signal is 1280×720, a 720p image will be displayed. A 1920×1080 input signal will be displayed in 1080p.
- When 3D signal format is Side-by-Side, Top-and-Bottom, the image is displayed full screen in half resolution (960× 1080 or 1920×540 respectively).

LR Swap: Make left/right eyes exchange on 3D video source signals. (Not available when 3D Mode is Off and 2D To 3D)

Convergence: Adjust the visual hierarchy sense of picture.(Only available when the 3D format video is playing)

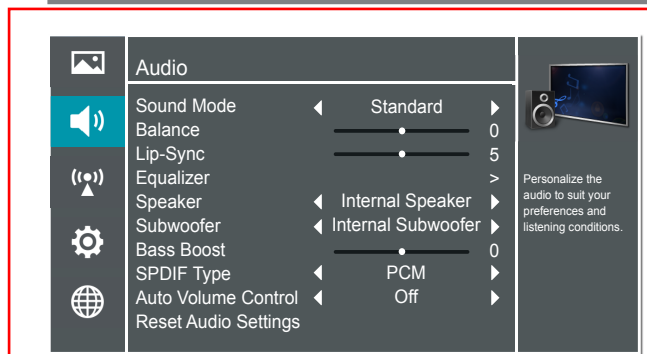
Depth: Adjust the perception of the depth of the image. (Only available when 3D Mode is 2D To 3D)

3D To 2D: If the option is set up as On, the TV can display all 3D format signals in 2D form.(Only available when the 3D format video playing)

Reset Picture Settings - Resets all picture settings to the factory defaults.

Basic Features

Using the Audio Menu



The audio setting allows the user to optimize the output audio sounds of the TV.

Sound Mode - Select the Sound Mode options based on the personal requirement: Standard, Speech, User, and Music.

Balance - Adjusts the relative volume of the speakers between the left, right, or multiple system speakers.

Lip-Sync - Adjusts the picture and the sound to play at the same time.

Equalizer - Allows the custom preset with the 5 band Equalizer controller. Press the [◀/▶] buttons to select the different audio frequency band between 120 Hz, 500 Hz, 1.5 KHz, 5 KHz, and 10 KHz. Press the [▲/▼] buttons to adjust each of frequency band level individually.

Speaker - Select to turn ON and OFF the Internal Speaker or the External Speaker.

Subwoofer - Turn subwoofer Internal Subwoofer or Off. (Depends on the availability model)

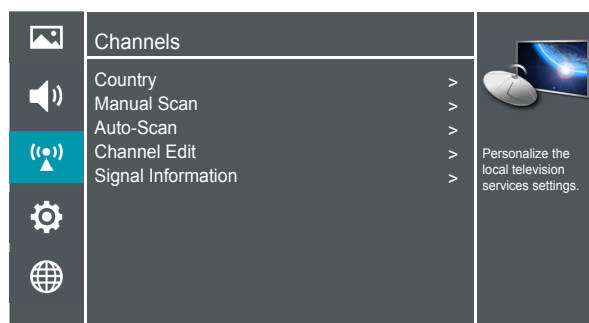
Bass Boost - Adjusts the effect of bass. It will not be available when Subwoofer is Off. (Depends on the availability model)

SPDIF Type - Select digital audio output format. There are three options available to select: Off, Dolby digital, and PCM.

Auto Volume Control - This mode allows the users to automatically adjust the volume to reach a consistent level and attenuates loud passages. This option is available by setting the Auto volume control from OFF to ON.

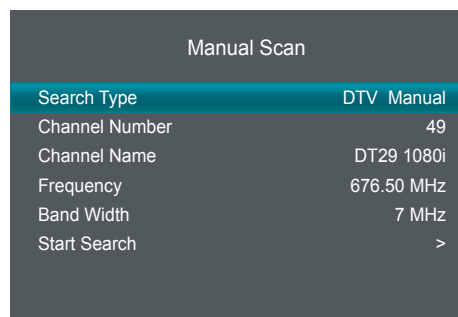
Reset Audio Settings - Resets all sound settings to the factory defaults.

Using the Channels Menu



Country - Select the Country you are in.

Manual Scan - Manual search and storage of channels. If lock has been set in Lock menu, a pop-up screen will be displayed to ask you to input the password.



Search Type: You can select ATV Manual or DTV Manual.

Channel Number: Display the channel number.

Channel Name: Display the channel name.

Start Search: Press the [▶] button to start the manual search.

Auto-Scan - Use this to automatically search and store all available channels.

NOTE

Auto Tuning will take a few minutes, please wait until it has finished.

Channel Edit - Allows you to edit the TV programs.

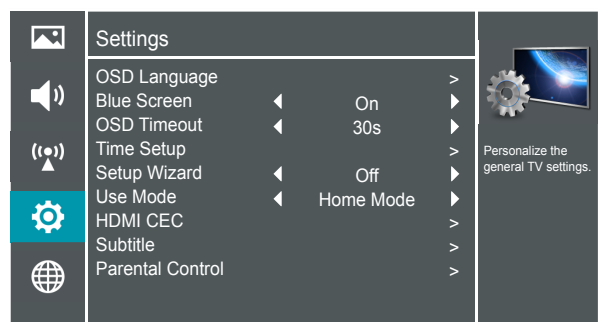
Rename: Press the [Green] button to display the Rename menu. Press the [Yellow] button to switch between capital and lowercase. Press the [▲/▼/◀/▶] buttons to select the characters and press the [OK] button to input. If you want to delete the character, please press the [Red] button. Then press the [Green] button to save the new name.

Skip: Press the [Yellow] button to skip the selected channel and press again to undo it.

Basic Features

Signal Information - Allows you to view the signal information. (Only available in DTV mode)

Using the Settings Menu



OSD (on screen display) Language - Allows you to set the screen language.

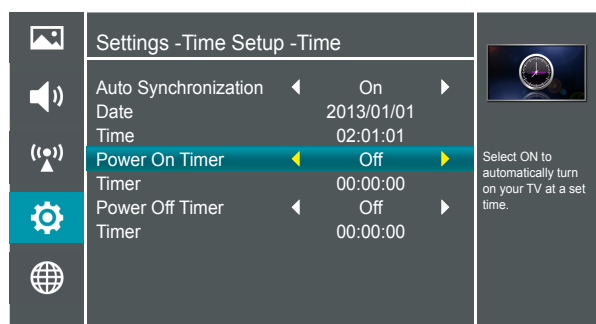
Blue Screen - Allows the blue background to turn On/Off during no signal conditions. (Only available in TV mode)

OSD Timeout - Allows you to set the OSD time out (10sec to 60sec).

Time Setup - Allows you to set the clock, date and time.

Country Region: Allows you to select the local time zone according to your region. Just for Australia area.

Time: Setup current date, time and power on/off timer.



- **Auto Synchronization:** Allows to adjust the date and time manually when it is set to Off. Select On to output the time information from digital signal (DTV).
- **Date:** Set the current year/month/day.
- **Time:** Set the current time.
- **Power On Timer:** When "On", you can set the time when the TV turns on automatically.
- **Timer:** Set the desired time for the TV to turn on automatically.
- **Power Off Timer:** When "On", you can set the time when the TV turns off automatically.

- **Timer:** Set the desired time for the TV to turn off automatically.

Sleep Timer: Specify the amount of time before your TV automatically turns off: Off -10-...-120 minutes.

Setup Wizard - Allows you to set the Setup Wizard On/Off the next time when you turn on the TV.

Use Mode - You can select Home mode or Shop mode.

HDMI CEC - This feature allows you to add devices to your TV and control them with your TV remote control.

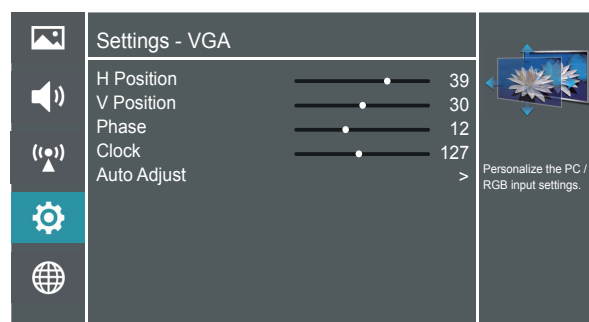
CEC Function: Press the [▶] button to set On/Off

Auto Turn Off: Your added devices can be off automatically by turning off the TV .

TV Auto On: Your TV can be on automatically by turning on your added devices.

Device Discovery: Press the [OK] button to select the device that is connected to your TV.

VGA - Adjust Image positioning and PC settings. (Only available in VGA mode)



Auto Adjust: Allow you to synchronize input signal automatically.

H Position: Adjust the horizontal position of the image.

V Position: Adjust the vertical position of the image.

Clock: Adjust the VGA clock to match the PC clock.

Phase: Adjust the VGA phase to match the PC.

Component (Only available in Component mode)

Phase: Adjust the focus of stable images.

Reset Component Settings: Reset component setting to factory mode.

Subtitle - Allow you to adjust the subtitle status.

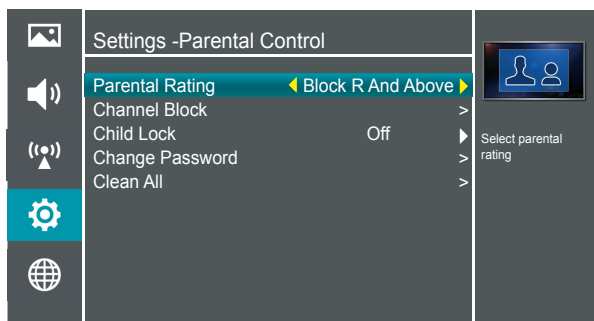
Analog Subtitle: You can select Mute, Off and On. (Only available in ATV mode)

Parental Control - Prevent unauthorized users, such as children, from watching unsuitable programme.

Basic Features

When you first use this function, the default password is [0000]. Once you input this password, you can continue to the next operation.

You can change password in the change password submenu.



Parental Rating: This function allows you to set up blocking schemes to block specific channels and ratings. It operates according to information from the broadcasting station, therefore if the signal has incorrect information, this function will not operate.

- **Block All:** All classified programs are blocked.
- **No Block:** No programs are blocked.
- **Block R And Above:** All "R" rated classified programs are blocked.
- **Block AV And Above:** Adult audiences, strong violence, 15 years and older.
- **Block MA And Above:** Mature audiences only, 15 years and older.
- **Block M And Above:** Mature audiences only, parental guidance is strongly advised.
- **Block PG And Above:** Parental guidance recommended.
- **Block G And Above:** General audiences.

Channel Block: Channel Lock is designed to prevent children watching unsuitable programs.

Press the [▲/▼] buttons to select the channels you want to lock and then press the [OK] button to confirm. A lock icon will display on the right of the channel and then the channel is locked

Child Lock: Press the [◀/▶] buttons to select On or Off. The buttons on the TV panel cannot be used when On is selected and only the [Menu] button and number keys can be used on the remote control.

Change Password: To set or change the password.

1. Press the [OK] button to enter the submenu.
2. Press the [0~9] buttons to input the new password.

3. Press the [0~9] buttons to input the new password secondly to confirm.

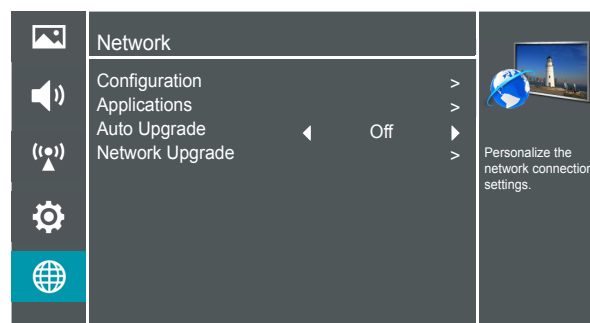
Clean All: Reset TV set. After reset, all channels and image settings will be erased and you need perform a tuning Auto-scan.

Time-Shift - Allows you to adjust the time shift function On or Off. When Off is selected, the [T.shift] button on the remote control are not available. The Timeshift function is only available for DTV channels.

Firmware Version - View the software version information. In some occasion the user required to update the firmware.

Restore Factory Settings - Restore factory settings for image and sound

Using the Network Menu



Configuration - You can set the TV network by selecting Configuration and press the [OK] button to enter the submenu.

Internet Connection - Select On or Off. When Off mode is selected, the following options would be unavailable.

Interface - Allows you to select connection type: Wireless and Ethernet.

Information - Display network configuration information.

IP Setting - Allows you to set IP address, subnet mask, gateway, primary, and secondary DNS.

Connection Test - Press the [OK] button to test network status.

Applications - Network application

DLNA: Digital Media Player (HiMedia) feature of Digital Living Network Alliance. Press the [◀/▶] buttons to set DLNA to On.

My Shared Devices: Allow or deny the mobile device.

Basic Features

Auto Upgrade - When it is set to "On", you can set the network upgrade when the TV turns on and connects to the network.

Network Upgrade - Check the process and it will prompt you to upgrade the software.

NOTES

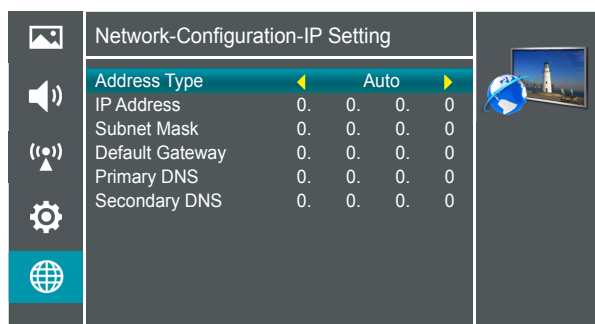
- Software Update can also be performed via downloading the latest software to a USB memory device.
- Please be careful not to disconnect the power or remove the USB drive until updates are complete. The TV will be turned on automatically after completing the software update. When software is updated, video and audio settings you made will return to their default settings and your personal settings will be deleted. We advise you to write down your settings so that you can easily reset them after the update.

Network Setup (Auto)

Use the Automatic Network Setup when connecting your TV to a network that supports DHCP. To set up your TV's cable network connection automatically, follow these steps:

How to set up automatically

1. Connect your TV to your LAN as described in the previous section.
2. On the Network screen, select Configuration and press the [OK] button to enter the submenu.
3. Set Internet Connection to On and Interface to Ethernet.
4. Select IP Setting and press the [OK] button to enter it.



5. Set Address Type to Auto.
6. Auto acquires and enters the necessary connection values automatically.
7. If the connection values are not automatically entered, please check your modem and router manuals for directions to enable automatic IP addressing by DHCP. Or, follow the steps listed to follow to manually configure the network connection.

Network Setup (Manual)

Use the Automatic Network Setup when connecting your TV to a network that requires a Static IP address.

Getting the Network Connection Values

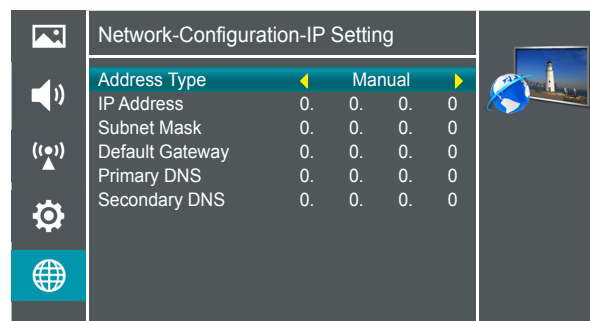
To get the network connection values on most windows computers, follow these steps:

1. Right click the Network icon on the bottom right of the screen.
2. In the pop-up menu that appears, click Status.
3. On the dialog that appears, click the Support tab.
4. On the Support tab, click the Details button. The network connection values are displayed.

How to set up manually

To set up your TV's network connection manually, follow these steps:

1. Follow Steps 1 through 5 in the "How to set up automatically" procedure.
2. Set Address Type to Manual.



3. Press the [▲/▼] buttons to select IP Address and press the [◀/▶] buttons to move the cursor to the entry field. Then press 0~9 buttons to enter the numbers.
4. Press the [Menu] button to exit IP Address and press the [▲/▼] buttons to select the next options to enter the numbers.
5. When done, press the [Menu] button to return to the previous menu.
6. Select Connection Test to check the internet connectivity.

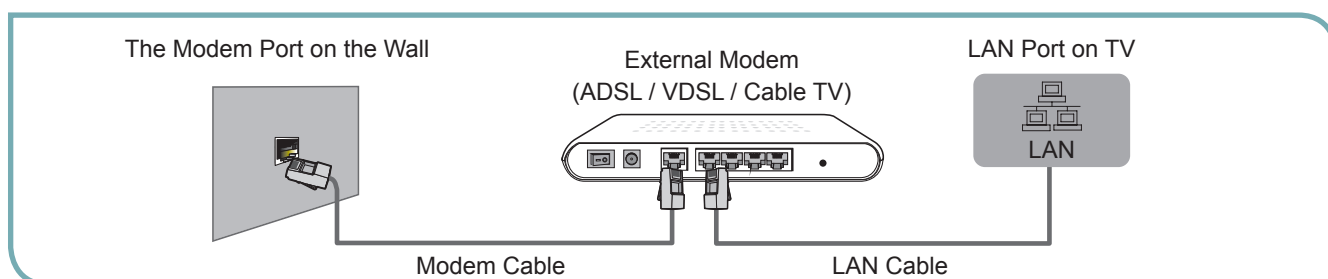
Basic Features

Network Connection

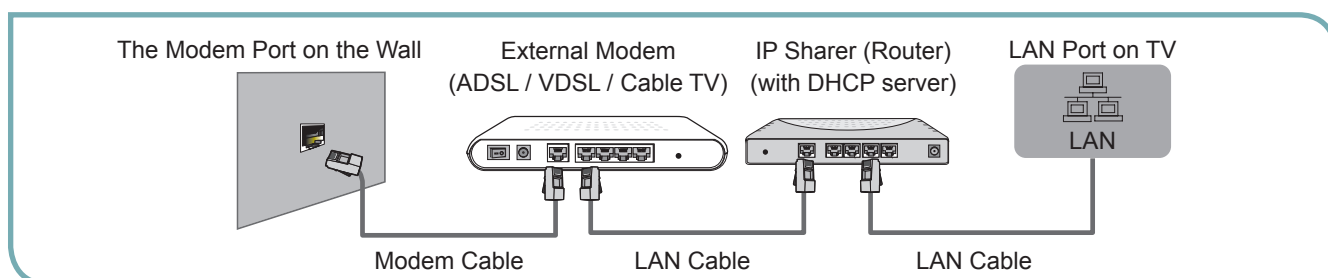
❖ Connecting to a Wired Network

You can attach your TV to your LAN by one of the three following ways:

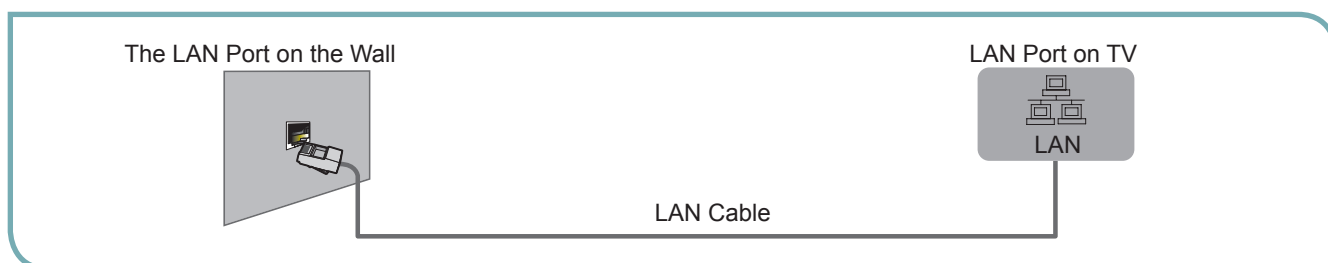
- You can attach your TV to your LAN by connecting the LAN port on the back of your TV to an external modem using a Cat 5 LAN cable. See the diagram below.



- You can attach your TV to your LAN by connecting the LAN port on the back of your TV to an IP Sharer which is connected to an external modem. Use LAN cable for the connection. See the diagram below.



- Depending on how your network is configured, you may be able to attach your TV to your LAN by connecting the LAN port on the back of your TV directly to a network wall outlet with a Cat 5 cable. See the diagram below. Note that the wall outlet is attached to a modem or router elsewhere in your house.



If you have a Dynamic Network, you should use an ADSL modem or router that supports Dynamic Host Configuration Protocol (DHCP). Modems and routers that support DHCP automatically provide the IP address, subnet mask, gateway, and DNS, so you don't have to enter them manually. Most home networks are Dynamic Networks.

Some networks require a Static IP address. If your network requires a Static IP address, you must enter the IP address, subnet mask, gateway, and DNS values manually on your TV's Cable Setup Screen when you set up the network connection. To get the IP address, subnet mask, gateway, and DNS values, contact your Internet Service Provider (ISP).

If you have a Windows computer, you can also get these values through your computer.

NOTE

You can use ADSL modems that support DHCP if your network requires a Static IP address. ADSL modems that support DHCP also let you use Static IP addresses.

Basic Features

Ethernet Setting

● How to set up automatically

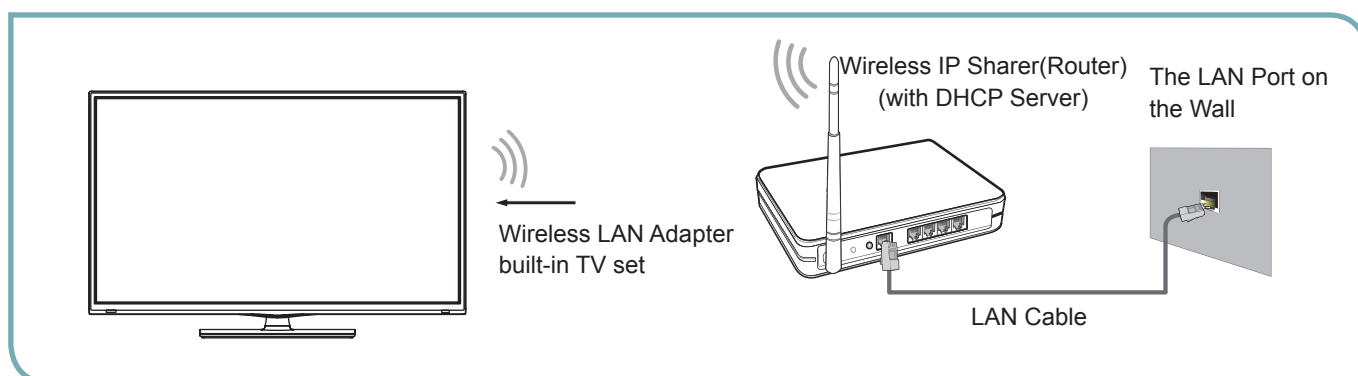
1. Select IP Setting and press the [OK] button to enter it.
2. Set the Address Type to Auto. Auto acquires and enters the necessary connection values automatically.

● How to set up manually

1. Press the [▲/▼] buttons to select IP Address and press the [◀/▶] buttons to move the cursor to the entry field. Then press [0~9] buttons to enter the numbers
2. Press the [▲/▼] buttons to select the next options to enter the numbers. When done, press the [Menu] button to return to the previous menu.
3. Select Connection Test to check the internet connectivity. If the test is not successful, please check whether the configuration is correct.

Connecting to a Wireless Network

To connect your TV to your network wirelessly, you need a wireless router or modem. See the illustration below.



The TV's built-in Wireless LAN Adapter supports the IEEE 802.11 b/g/n communication protocols. Manufacturer recommends using IEEE 802.11n router. When you play the video over a IEEE 802.11b/g connection, the video may not play smoothly.

NOTES

- You must use the TV's built-in Wireless LAN Adapter to use a wireless network, the set doesn't support external USB network adapter.
- To use a wireless network, your TV must be connected to a wireless IP sharer. If the wireless IP sharer supports DHCP, your TV can use a DHCP or static IP address to connect to the wireless network.
- Select a channel for the wireless IP sharer that is not currently being used. If the channel set for the wireless IP sharer is currently being used by another device nearby, this will result in interference and communication failure.
- If you apply a security system other than the systems listed below, it will not work with the TV.
- If Pure High-throughput (Greenfield) 802.11N mode is selected and the Encryption type is set to WEP, TKIP or TKIP-AES (WPS2 Mixed) for your Access Point (AP), Manufacturer TVs will not support a connection in compliance with new Wi-Fi certification specifications.
- WPA-PSK is highly recommended security mode.
- If your AP supports WPS (Wi-Fi Protected Setup), you can connect to the network via PBC (Push Button Configuration) or PIN (Personal Identification Number). WPS will automatically configure the SSID and WPA key in either mode.
- Connection Methods: You can setup the wireless network connection three ways (Scan, Manual, Auto).
- After the initial setup is complete, please wait for at least two minutes to allow the TV recalls the network setting each time you turn on the TV.

Basic Features

❏ Wireless Setting

● How to set up automatically

1. On the Network screen, select Configuration and press the **[OK]** button to enter the submenu.
2. Set Internet Connection to On and Interface to Wireless.
3. Select Wireless Setting and press the **[OK]** button to enter it. You can select: Scan / Manual / Auto.
4. If you select Scan, a screen will appear listing all of the wireless networks within range of the TV. Use the **[▲/▼]** buttons to select the wireless network with your router SSID and press the **[OK]** button to confirm. Proceed to Step 7.
5. If you select Manual, a screen will appear prompting you to enter the SSID of your wireless network. Press the **[OK]** button and an on-screen keyboard will pop up. Enter the SSID and select OK. Press the **[▶]** button to confirm and a screen will appear prompting you select the security mode for your wireless network. Use the **[▲/▼]** buttons to select the proper security mode and press the **[OK]** button to confirm. If you selected None for the security mode, proceed to step 9.
6. A screen will appear prompting you to enter the password for the selected security mode. Press the **[OK]** button and an on-screen keyboard will pop up. Enter the password and select OK. Press the **[▶]** button to confirm. Proceed to Step 9.
7. If you select Auto, a screen will appear prompting you to select PIN (personal identification number) or PBC (push button configuration) setup. Choose the method supported by your wireless access point.
 - If you choose PIN, an identification number will appear on the screen for you to enter into the access point. After entering the PIN, press the **[▶]** button. If the PIN is in use by another device, select "**Refresh PIN**" to obtain a new PIN and enter it into the access point. After entering the PIN, press the **[▶]** button.
 - If you choose PBC, a screen will appear prompting to press the **[▶]** button. After pressing the **[▶]** button you have two minutes to locate and press the Push Button on your access point to connect to the TV.
8. Press the **[Menu]** button to return to the previous menu.
9. Select Connection Test to check the Internet connectivity.

PC Setting

Set the PC Software properly to match one of the below options.

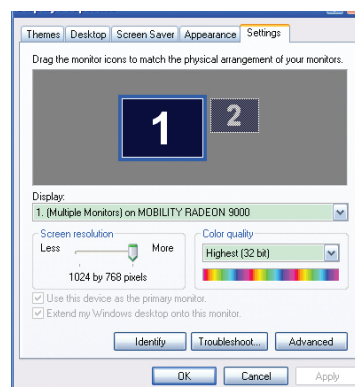
Supported VGA Modes

	<i>Resolution</i>	
VGA	640×480	60Hz
SVGA	800×600	60Hz
XGA	1024×768	60Hz
SXGA	1280×1024	60Hz

☑ NOTE

Your PC/Notebook may not be able to display some of these resolutions.

Take Windows XP as an example, and the Windows system display setting is as illustrated:



1. Right click anywhere on your display, select "Properties".
2. Find the Settings tab on the dialogue box, set the screen Resolution.
3. See above details about the resolutions supported by this unit.
4. Click OK to exit.

☑ NOTE

Primarily this unit is intended for use as an LCD TV. If compatibility is a problem when using this unit as a monitor, please contact the manufacturer of the PC Video/Graphic's card for further support. Perfect compatibility is not warranted.

Basic Features

DLNA Setting

You can use DLNA Certified computers, TVs, and other devices to play or transfer the videos, pictures, and music stored on your phone. For more about DLNA (Digital Living Network Alliance), visit www.dlna.org. Make sure your phone and TV are both connected to the same Wi-Fi network.

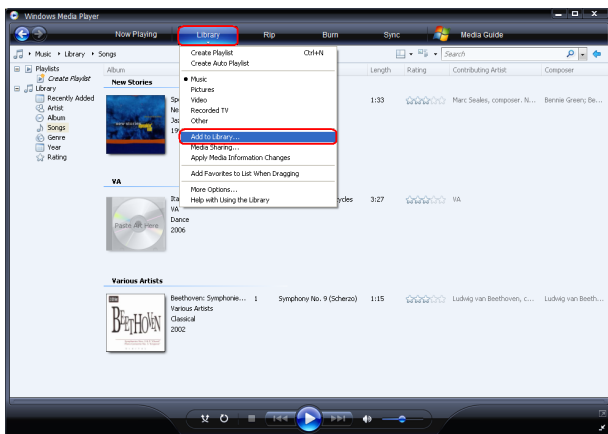
- **Set DLNA to On:**

1. On the Network screen, select Applications and press the [OK] button to enter the submenu.
2. Press the [◀/▶] buttons to set DLNA to On.

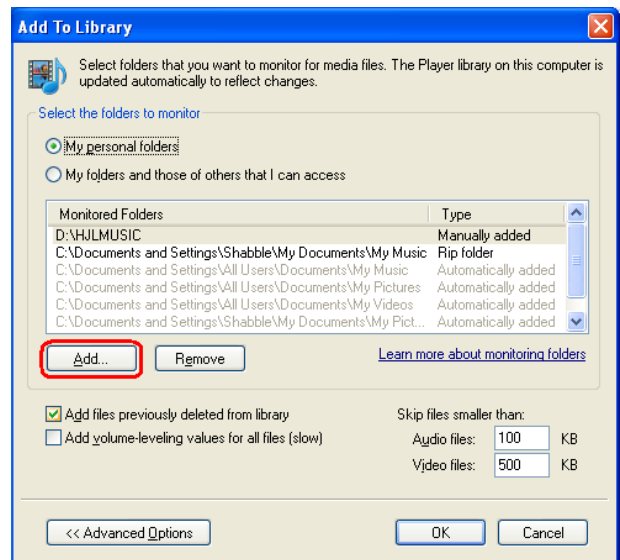
Media Share Settings in Computer

If your computer does not support DLNA, you may install software that supports DLNA such as TVersion or Windows Media Player (Version V11 or higher). We recommend Windows Media Player as the installation and setup is easier.

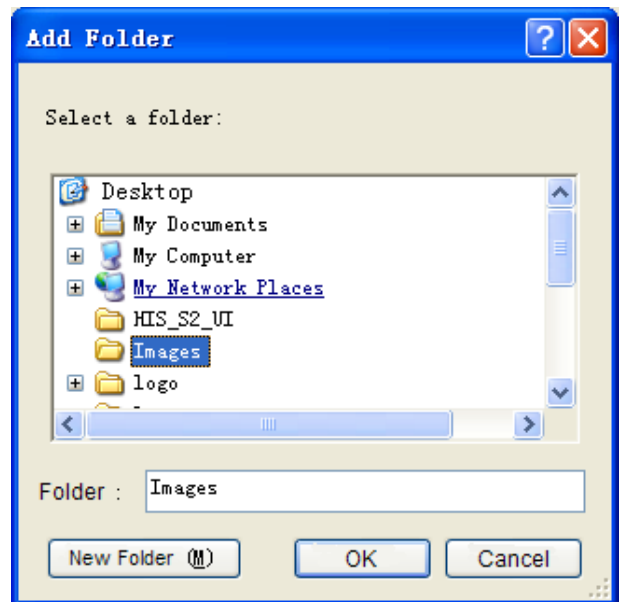
1. On the PC taskbar, click Start.
2. Point to All Programs, and then click Windows Media Player.
3. Click “Library” tab and then “Add to Library...” as shown in the following screen shot.



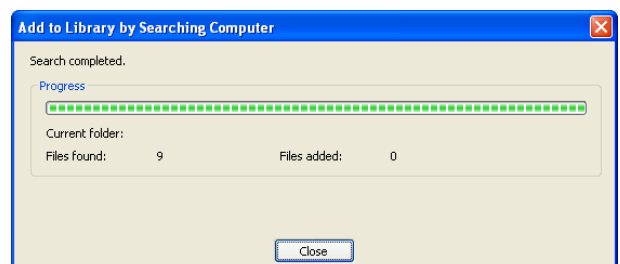
4. In the Add To Library dialog box, click “Add” as shown in the following screen shot.



5. Select a folder and click “OK”.



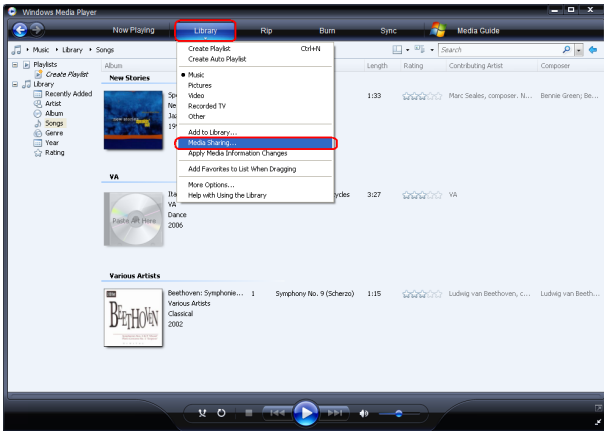
6. Click “Close” to close the dialog.



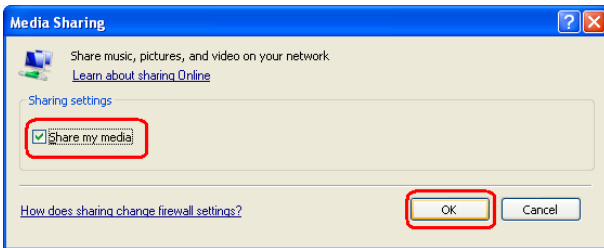
Basic Features

Setting to Share Files

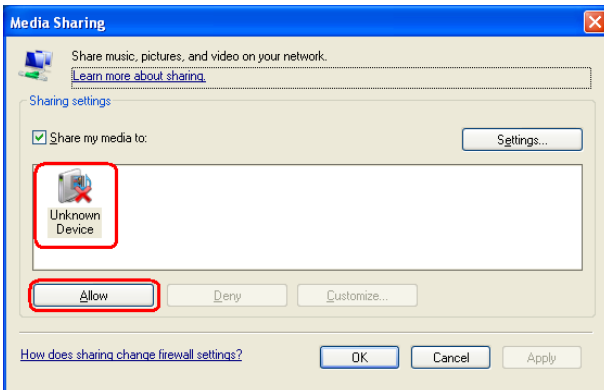
1. Click "Library" and move the cursor to select "Media Sharing..." as shown in the following screen shot.



2. In the Media Sharing dialog box, select the Share my media check box and click "OK".

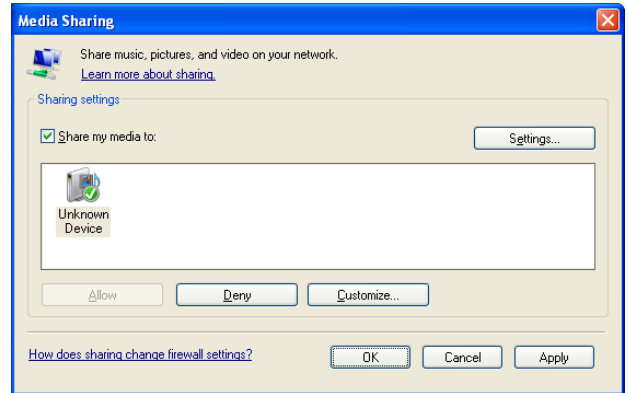


3. After turning on the media sharing, you need to select the devices that should have access to your Player library. In the list of devices below the Share my media to check box. An equipment icon will appear on the white area if the DLNA Settings has been correctly set. Select a device and then click "Allow" as shown in the following screen shot.



4. Then the TV can access to the shared files in the computer.

For information about how to customize what media you share with the device, see "Change settings for sharing media" in Windows Media Player Help.



HiBeam

With the HiBeam you do not have to huddled friends and family around the small screen of your mobile devices in order to beam video, music or pictures with them.

Simply browse, discover and beam media files from your Android or iOS devices to your TV using the Twonky Beam application (You can download Twonky Beam from Google play store or the Apple App store).

The Twonky home screen has a list of officially compatible HTML5 website from which you can select and share video, music or picture. A Beam logo will be visible if the content is compatible with the TV.

Operation introduction

1. TV side:
 - Confirm the TV is connected to a local area network.
 - Set DLNA to On (Menu >Network >Applications >DLNA).
2. Device Setup:
 - Download the Twonky Beam application.
 - Confirm the device is connected to the same local area network as the TV.
 - Launch the Twonky Beam application.
 - Select a Display Device.
 - Choose a video, music or picture that you want to Beam to your display.
 - Touch Beam logo.
 - The video, or other shared contents load directly to TV.

NOTES

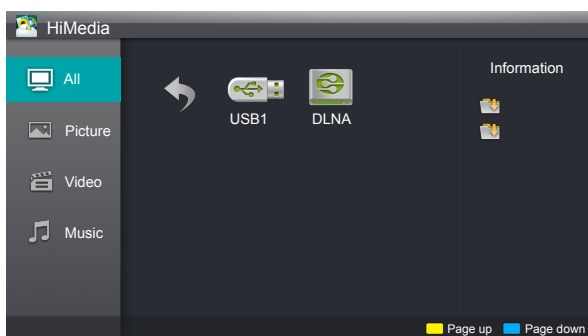
- The HiBeam may not be accessible when there are some prior applications working (such as Skype or firmware updating). You need to close these prior applications or waiting for the firmware updating finished, then the HiBeam will work.
- If a mobile device has access TV, you can set the access privileges to Allow or Deny in "Menu >Network > Applications >My Shared Devices"

Digital Media Player(HiMedia)

Be sure to insert the USB disk/mobile hard disk with standard USB2.0 port or to connect the TV with other digital devices via DLNA (Menu >Network >Applications >DLNA).

There are few options to start the HiMedia:

- Press the **[Source]** button to display the Source menu, press the **[▲/▼]** buttons to highlight the HiMedia source, then press the **[OK]** button to confirm. (If you want to exit HiMedia, you can press the **[Source]** button to switch to other sources).
 - Press the **[HiMedia]** button to enter the HiMedia mode directly.
- Or press the **[HiSmart]** button to enter the HiSmart hub, then press the **[◀/▶]** buttons to select the HiMedia option.



1. Press the **[▲/▼]** buttons to switch the media type.
2. Press the **[Yellow/Blue]** buttons to move page up/down.
3. Press the **[▲/▼/◀/▶]** buttons to select the folder/file you want to open and then press the **[OK]** button to enter/play the folder/file.
4. Press the **[Return]** button to return to the previous directory.

Playable format list

Files Format	Playable format
Photo	.jpg
Music	.avi(mp3,mpeg,ac3), .mp4, .rm
Video	.avi(H.264, MPEG, Divx), .mkv(H.264, MPEG), .flv, .mpeg, .wmv(Divx, XviD)

NOTES

- We cannot promise that this unit would support all the formats listed above, as the programming tools are different.
- For a full list, please refer to file format guide which is provided in more details at the end of User Manual.

Browsing Pictures

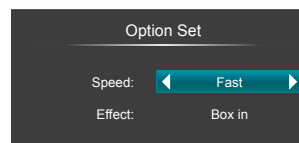
1. Press the **[◀]** button to switch to the left hand side menu bar, Select All or Picture by pressing the four-way directional **[▲/▼/◀/▶]** button on the remote.
2. Press **[▶]** button on the remote control to select the USB source and then Press the **[OK]** button to enter.
3. Press the **[▲/▼/◀/▶]** buttons to select the folder that contains the picture you want to view.
4. Press the **[OK]** button to display picture.
5. Press the **[■/Return]** buttons to exit or return to the previous directory.

When browsing the pictures.

- Press the **[Info]** button to display/exit the picture control bar.
- Press the **[◀/▶]** buttons to select the function icon and then press the **[OK]** button to confirm.



1. Browse the previous picture. You can also press the **[◀◀]/[◀]** buttons in the remote control directly when no control bar displays on the screen.
2. Browse the next picture. Press the **[▶▶]/[▶]** buttons directly in the remote control when no control bar displays on the screen.
3. Rotate the picture 90 degrees clockwise.
4. Rotate the picture 90 degrees anticlockwise.
5. Play/pause. Press the **[▶II]** button directly when no control bar displays on the screen.
6. Stop browsing the picture. You can press the **[■]** button directly in the remote control when no control bar on the screen.
7. Zoom in the picture.
8. Zoom out the picture.
9. Option Set. Press the **[▲/▼]** buttons to select the options and press the **[◀/▶]** buttons to set them.



- Speed - Allows you to browse the picture at different speed, such as Fast, Slow, and Medium.

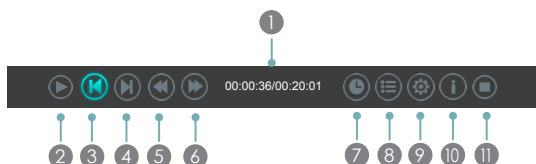
Digital Media Player

- Effect - Select transition effects between images, such as: random, Box in, Box out, Wipe right, Wipe left, Wipe up, Wipe down, Dissolve, and None.

- Picture info. Displays information about the pictures.

Playing Video Files

- Press the [◀] button to switch to the left hand side menu bar, select All or Video by pressing the four-way directional [▲/▼/◀/▶] button on the remote.
- Press [▶] button on the remote control to select the USB source and then Press the [OK] button to enter.
- Press the [▲/▼/◀/▶] buttons to select the folder that contains the video you want to view.
- Press the [OK] button to play the video.
- Press the [■/Return] buttons to exit and return to the previous directory.
- Press the [Info] button to display/exit the picture control bar
- Press the [◀/▶] buttons to select the function icon and then press the [OK] button to confirm.



Function of icons:

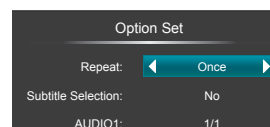
- The progress bar when playing.
- Play/Pause. You can press the [▶||] button directly to play/pause when there is no control bar on the screen.
- Play the previous video. You can press the [◀◀] button directly to achieve the function when no control bar displayed on the screen.
- Play the next video. You can press the [▶▶] button to achieve the function when no control bar displayed on the screen.
- Fast backward. Then press the [OK] button to select the backward speed. You can press the [◀◀] button to achieve the function.
- Fast forward. Then press the [OK] button to select the forward speed. You can press the [▶▶] button to achieve the function.
- Select time to play
 - Press the [◀/▶] buttons to select the position you want to set.

- Press the [0~9] buttons to set the time and press the [▲/▼/◀/▶] buttons to adjust it.
- Press the [OK] button to confirm and the video will to play at the time you have set or press the [Return] button to exit.

- Play list

- Press the [Yellow/Blue] buttons to page up/page down and press the [▲/▼] buttons to select the video.
- Press the [OK] button to confirm.

- Options



- Press the [▲/▼] buttons to select the options in the menu.
- Press the [◀/▶] buttons to select the settings.
- Press the [OK] button to confirm.

- Program info

- Allows you to view the program information.

- Stop playback

NOTE

You can press the [Zoom] button to change the aspect ratio (Normal, Full Screen, Original Size) while playing the video.

Playing Music Files

- Press the [◀] button to switch to the left hand side menu bar, select All or Music by pressing the four-way directional [▲/▼/◀/▶] button on the remote.
- Press [▶] button on the remote control to select the USB source and then Press the [OK] button to enter.
- Press the [▲/▼/◀/▶] buttons to select the folder that contains the music file you want to listen.
- Press the [OK] button to play the music.
- All the music is listed on the left. Press the [▲/▼] buttons to select the music and press the [▶] button to mark it. You can press the [Yellow/Blue] buttons to move page up/down. Press the [Green] button to select the Mode: Mark / All / Single.
- Press the [Return] button to exit the music playback interface.

Network Function

Enter the HiSmart Hub

1. Press the [HiSmart] button to display HiSmart Hub.



2. Press the [▲/▼/◀/▶] buttons to select the interface you want to view and press the [OK] button to enter the following description.

NO	Interface description
①	The weather Information
②	Available applications
③	Media center
④	The advertisement area
⑤	The current network signal intensity

3. Press the [Green] button on the remote control to enter the Setting menu. You can fast set Weather Options, Configure Network and Theme Style.

Enter the Network Applications

The Network setup must be connected When you use the applications.

Opera

□ Brief introduction

The opera browser allows you to browse any URL, edit or delete folders, add bookmarks and select websites from the "Favourites" folder.

□ Operation instructions

● How to enter the Opera Browser

1. Press the [HiSmart] button to display network main menu.

2. Press the [◀/▶/▲/▼] buttons to select the opera icon and press the [OK] button to enter it.
3. Then the default interface will appears on the screen. There are some function icons on the bottom of the screen:



● The function of the buttons on the screen:

1. Main page.
Move the cursor to the icon and press the [OK] button to show the main page.
2. Back to previous page.
Move the cursor to the icon and press the [OK] button to return to the previous viewed web page.
3. Forward to next page.
Move the cursor to the icon and press the [OK] button to go forward to the previous viewed web pages.
4. Refresh page.
Move the cursor to the icon and press the [OK] button to refresh the current page.
5. Bookmark manager.
Move the cursor to the icon and press the [OK] button to enter the favorite folder.
6. Add a bookmark.
Move the cursor to the icon and press the [OK] button to add the website to the favorite folder.
7. Help.
Move the cursor to the icon and press the [OK] button for help.
8. Address bar.
Input the website you want to view.
9. Go to the website.
Move the cursor to the icon and press the [OK] button to search the website.
10. Exit Browser.
Move the cursor to the icon and press the [OK] button to close the page.

● The function of buttons on the remote control

Key	Operation
Exit	Exit Opera Browser.

Network Function

Return	Back to previous page or exit current page; Cancel pop dialoge or soft keyboard
▲/▼/◀/▶	Up/Down/Left/Right.
CH ▲/CH ▼	Page Up/Page Down.
EPG	History of viewed pages.
RED	Back to previous viewed web page.
Green	Forward to previous viewed web page.
Yellow	Open marked page.
Blue	Favorite marker.
Zoom	Zoom in or Zoom out.
Menu	Toolbar
Enter	Enter
VOL▲/VOL▼	Volume Control
Mute	Mute

● How to Input the New Address

1. Press the [▲/▼/◀/▶] buttons to move the cursor to the address bar.
2. Press the [OK] / [Return] buttons to display / close the keyboard.
There are some shortcuts on the bottom of the keyboard so that you can input part of the address often used directly. Other keys are used as the keyboard of your computer.



3. Press the [▲/▼/◀/▶] buttons to move the cursor to the characters you want to select and then press the [OK] button to confirm.
If you want to delete one character, move the cursor to Back key and press the [OK] button to confirm. Or if you want to re-enter all the characters, move the cursor to Reset key and press the [OK] button to confirm.
4. Move the cursor to Enter key and press the [OK] button to confirm to enter the website.
Then the new address will appear on the address bar.

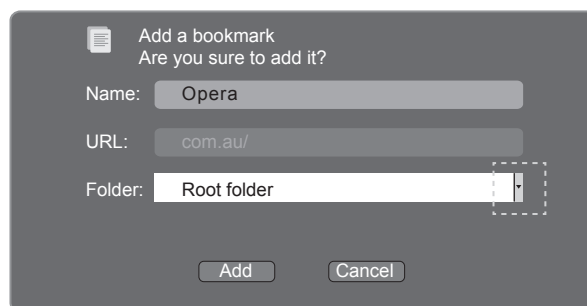
☑ NOTE

Only recommend to open the English website.

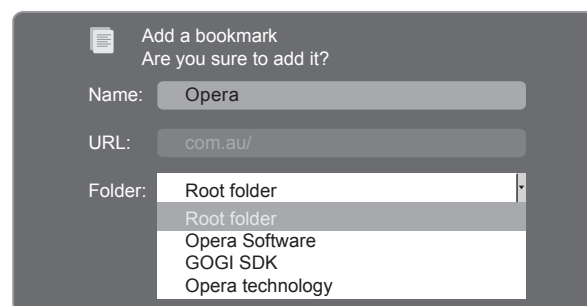
● How to Add a Bookmark

If you want to find the often viewed website from the favorite folder, you can follow the steps to add it to the folder.

1. Firstly, input the address on the address bar and enter it.
2. Press the [▲/▼/◀/▶] buttons to move the cursor to the ★ icon and press the [OK] button to confirm.
The menu will pop up on the screen.



3. Press the [▲/▼/◀/▶] buttons to move the cursor to the icon marked with dashed box on the right screen. Then press the [OK]/ [▲/▼] buttons to confirm to display the folders.



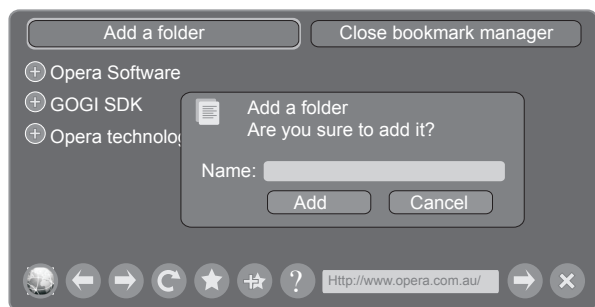
4. Press the [▲/▼] buttons to select the folder you want to add the bookmark to. And press the [OK] button to confirm.
5. Move the cursor to the Add button and then press the [OK] button to confirm.
If you do not want to add the book mark, move the cursor to the Cancel button and press the [OK] button to confirm.

● How to Add a Folder

You can add a folder to the favorite as follows:

1. Move the cursor to the ★ icon and press the [OK] button to confirm. The menu will pop up on the screen.

Network Function



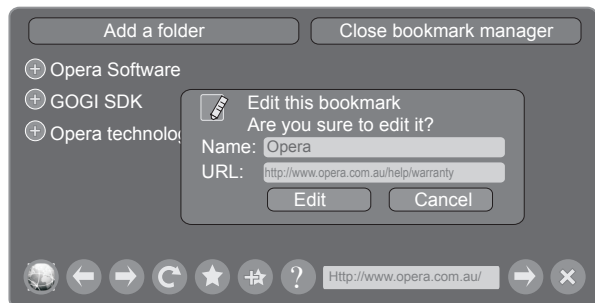
2. Move the cursor to "Add a folder" button and press the [OK] button to confirm.
A pop-up menu appears on the screen.
3. Move the cursor to Name bar and press the [OK] button to confirm. Follow the steps 2 to 4 in "How to Input the New Address" to input the name.
4. Move the cursor to Add button and press the [OK] button to confirm and the new folder has been added.

● How to Edit/Delete a Folder/Bookmark

1. Move the cursor to the ★ icon and press the [OK] button to confirm. The menu will pop up on the screen.
2. Move the cursor to the folder /bookmark directly and there will be two icons on the right of it. Move the cursor to one of the icons and press the [OK] button to display a pop-up menu.

: Edit button.

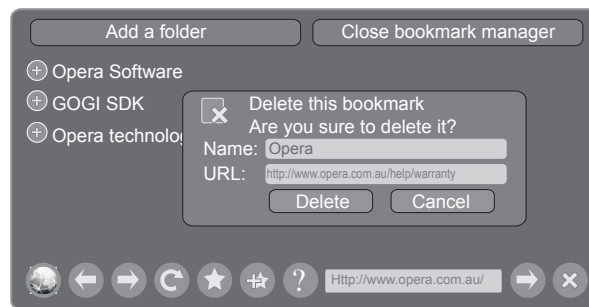
- 1). Move the cursor to the Name/URL bar and press the [OK] button to confirm. Follow the steps 2 to 4 in "How to Input the New Address" to edit it.



- 2). Move the cursor to the "Edit" button, then press the [OK] button to confirm and the folder/bookmark will be saved.

: Delete button.

Move the cursor to the Delete button and press the [OK] button to confirm. Then the folder/bookmark will be deleted from the favorite folder.

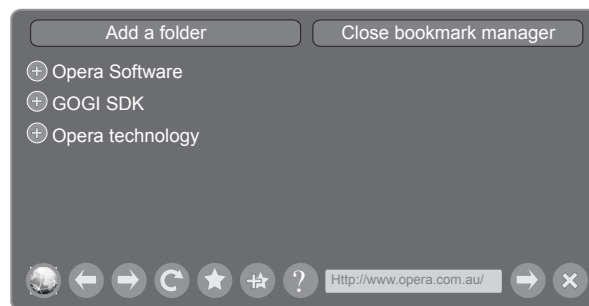


NOTE

There is only Name bar on the pop-up menu for folder.

● How to select the Website from the favorite folder

1. Move the cursor to the ★ icon and press the [OK] button to confirm. The menu will pop up on the screen.



2. Move the cursor to the folder name and press the [OK] button to confirm.
The websites in the folder will appear in the following lines.
3. Move the cursor to the website you want to view and press the [OK] button to confirm.
If the website is in the root folder, you can select it directly, and do not need operate as step 2.

● How to exit the manager

Move the cursor to the Close bookmark manager icon and press the [OK] button to confirm.

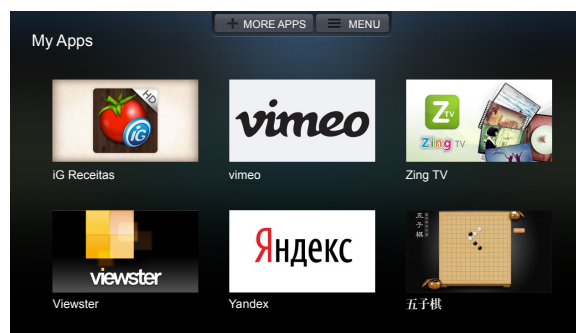
Opera Store

□ Brief introduction

The user can browse and launch any application from the Opera App store dashboard. These applications are based on Opera Devices SDK and are displayed in a layout optimized for widescreen television. In the Opera TV Store, there are a lot of high-quality, HTML5-powered TV apps available. You can choose any apps you like and either use them online or add them to "My Apps" for easy use. "My Apps" is located under the "More APPS" section.

□ Operation instructions

1. Press the [HiSmart] button to display HiSmart Hub.
2. Press the [▲/▼/◀/▶] buttons to select the Opera Apps icon and press the [OK] button to enter My Apps interface. You can select the applications you want to enter and press the [OK] button to confirm.



The picture are reference only.

3. Press the [Return] button to return to the upper menu or press the [Exit] button to close the apps.

● How to add more apps

1. Press the [▲/▼] buttons to select the "MORE APPS" button on the top of the screen and press the [OK] button to enter it.

In the More Apps' subpage, the application is classified by All categories, New, Popular, Watch, Listen, Play, Socialize, Shop, Read, Use.

2. Press the [◀/▶] buttons to select the classification and press the [▼] button to enter.
3. Press the [▲/▼/◀/▶] buttons to select the applications which you want to install and press the [OK] button to enter the installing interface.
4. Press the "ADD TO MY APPS" button to install the applications or press the "OPEN" button to enter the application interface directly.

If the applications have been installed, they will be shown in My Apps interface.

● How to remove the installed apps

1. Press the [▲/▼] buttons to select the "MENU" button on the top of the screen and press the [OK] button. A pop-up menu appears on the screen.
2. Press the [▼] button to select "REMOVE APP" option, select the application which you want to delete, then press the [OK] button.

● SelfService

1. Press the [▲/▼] buttons to select the "MENU" button on the top of the screen and press the [OK] button. A pop-up menu appears on the screen.
2. Press the [▼] button to select "About" option and press the [OK] button to view the service information.

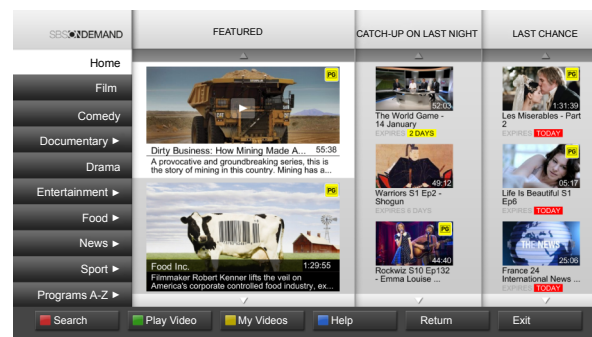
SBS (Just for Australia area)

□ Brief introduction

With the SBS 'Catch On Demand' App, you can choose Film, Comedy, Documentary, Drama, Entertainment, Food, News, Sport or Program A-Z to explore different types of video. The videos are further divided into three columns: 'Featured', 'Catch-up on last night', and 'Last chance'. A search box is located on the top right-hand corner of every SBS On Demand page.

□ Operation instructions

1. Press the [HiSmart] button to display HiSmart Hub.
2. Press the [◀/▶] buttons to select the SBS icon and press the [OK] button to enter it.



3. Press the [◀/▶/▲/▼] buttons to select the category or video you want to access, and press the [OK] button to enter it.
4. To use other features, press the button showed in the help bar.

Network Function

5. You can press the **[Return]** button to return the upper menu or press the **[Exit]** button to close the Apps.

NOTE

The Facebook and Twitter application does not work with the remote's QWERTY keyboard.

Social TV

□ Brief introduction

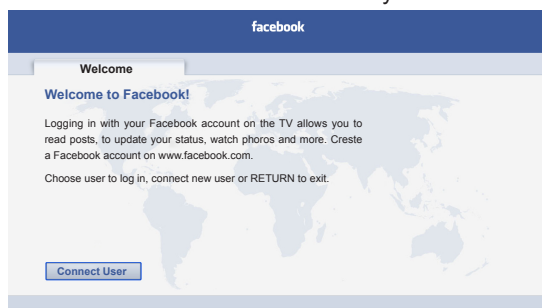
Smart TV has developed the "Social TV" feature, which allows the user to share whatever he or she finds online with their family and friends via Facebook and Twitter. The user must first create a registered account with these social media applications.

□ Operation instructions

1. Press the **[HiSmart]** button to display HiSmart hub.
2. Press the **[▲/▼/◀/▶]** buttons to select the Facebook and Twitter icon and press the **[OK]** button to enter it.

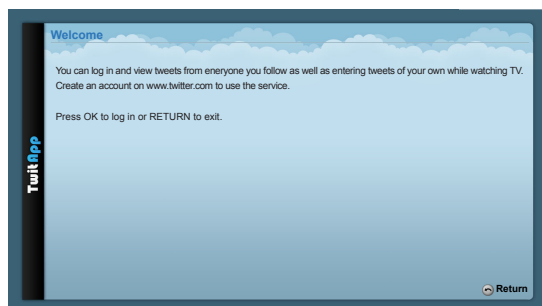
● To use Facebook on smart TV:

Visit <https://www.facebook.com/device>, enter the activation code you see on the TV screen and click connect. Once you have done this, your TV will be connected with Facebook and ready to use.



● To use Twitter on smart TV:

The soft keyboard will appear on the screen next to the sign in box. Each digit on your remote control has assigned words and characters as shown on the screen. Use these to type your user name and password. Use the yellow button on the remote to switch between upper case and lower case and the blue button remote control to delete.



3. If you want to close the Apps, you can press the **[Exit]** button.

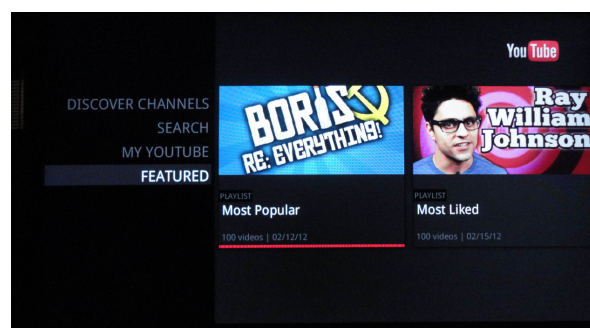
YouTube

□ Brief introduction

The YouTube app allows you to watch original videos, music videos, feature length movies, previews and trailers on your TV screen. Search or browse recommendations with the TV remote.

□ Operation instructions

1. Press the **[HiSmart]** button to display HiSmart hub.
2. Press the **[▲/▼/◀/▶]** buttons to select the YouTube icon and press the **[OK]** button to enter it.



The picture are reference only.

● To activate your YouTube account for your TV:

Select "Sign in" and "Settings" from the toolbar on the left side of the application, then go to www.youtube.com/activate and enter the code you see on the TV screen. While you enter the code the screen should remain open, otherwise the code will no longer be valid. Once completed your account will be activated and you will be signed in.

● To control YouTube from your tablet or smartphone:

Please first check if your mobile device supports YouTube TV and use the same network connection. To pair your device to the YouTube screen, you will be prompted to go to www.youtube.com/pair on your mobile device. The screen guide to "Pair with TV" will appear. Enter the pairing code or enter the value of the scanned QR code on the SmartTV. While you enter the code the screen should remain open, otherwise the code will no longer be valid. Select a name for your device then click "Add TV". Once complete, the YouTube app will show that your phone has been paired. You can now select a video to watch on YouTube TV using your mobile device.

3. If you want to close the Apps, you can press the **[Exit]** button.

Skype

□ Brief introduction

Skype allows you to speak with your friends and family via video using a camera. You require a Skype account to use this app.

□ Operation instructions

1. Press the [**HiSmart**] button to display HiSmart hub.
2. Press the [**◀/▶**] buttons to select the Skype icon and press the [**OK**] button to enter it.
3. Then the sign in interface will appear on the screen.
Press the [**OK**] button to display soft keyboard, input your Skype name and password. Then press "Sign in" to run Skype.

If you use Skype at the first time, you should press "Don't have a Skype Name?" to create an account.

Please input information according to prompts on the screen.

4. After you sign in Skype, press the [**▲/▼**] buttons to select desired option among Sign out, Call phones, Contacts, Settings, Profile, History.

Sign out - On the Welcome to Skype screen, if you want to exit Skype, you can press "sign out" directly, and you can also press the [**Menu**] button to minimize Skype.

Call phones - Press the [**OK**] button to enter the call phones interface. Select the country and enter the number with the area code.

☑ NOTE

You need to top up with PC to use this feature.

Contacts - Display all contacts and details.



- ① All contacts list
- ② The selected contact's information
- ③ Search bar
- ④ Shortcut of Call and Video call

- ⑤ Option list. Press the [**Menu**] button to display the option list, then press the [**▲/▼**] buttons to select the option which you desire to set.

☑ NOTES

- Before having call and video call with Skype, please install the TV camera.
- Please buy and use the TV camera of the manufacturer only. The TV Camera of the other companies is incompatible with your TV. Please consult the sales personnel for the details.
- Other request of call and video will not respond when Skype is minimized
- This version of Skype TV app supports voice and video but not text messaging.

Settings - you can set the options: General settings, Change password, Video settings, Privacy settings and Blocked contacts.

- **General settings:** Select whether you want Skype to launch automatically when you turn on the TV.
- **Change password:** Set new password.
- **Video settings:** Adjust the settings for video.
- **Privacy settings:** Choose who you will receive calls from.
- **Blocked contacts:** Any blocked persons will be listed in this window.

Profile - Set your personal information: Public, Protected, Private, Profile picture and Online status.

History - Show history, including all Incoming and Outgoing calls, Missed calls, Contact requests and Voicemails.

Network Function

AccuWeather

Brief introduction

This application provides local and international weather forecasts, world class weather radar plus up-to-date weather reports and current conditions.

Operation instructions

1. Press the **[HiSmart]** button to display HiSmart hub.
2. Press the **[▲/▼/◀/▶]** buttons to select the AccuWeather icon and press the **[OK]** button to enter it.



3. Press the **[◀/▶]** buttons to move the cursor to select service items in AccuWeather screen and the **[OK]** button to confirm.
4. To use other features, press the button showed in the help bar.
5. Press the **[Return]** button to return to the upper menu, or the **[Exit]** button to close the App.

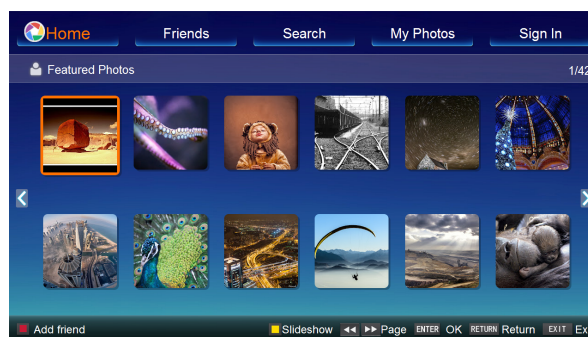
Picasa

Brief introduction

The Picasa App allows you to explore featured photos in Google Picasa Web Album, as well as search for your favorite photos. If you already have a Google Picasa account, you can enjoy the private photos you already have stored in your Google Picasa Web Album.

Operation instructions

1. Press the **[HiSmart]** button to display HiSmart hub.
2. Press the **[▲/▼/◀/▶]** buttons to select the Picasa icon and press the **[OK]** button to enter it.
3. To enter your user name and password, use the interface keyboard by selecting letters and characters with the standard four-way directional **[▲/▼/◀/▶]** button on the remote.



4. Press the **[▲/▼/◀/▶]** buttons to move the cursor to select service items in Picasa screen and the **[OK]** button to confirm.
5. To use other features, press the button showed in the help bar.
6. Press the **[Return]** button to return to the upper menu, or the **[Exit]** button to close the App.

Vimeo

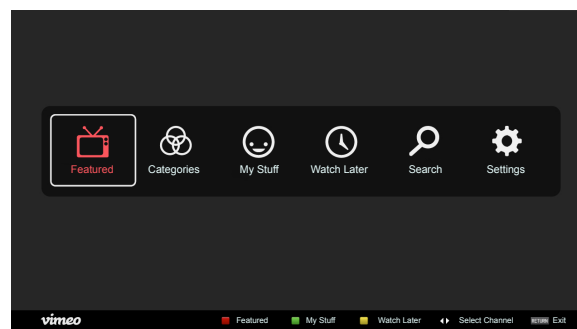
Brief introduction

The Vimeo app provides plenty of HD video. These videos are divided into two major categories: Featured Video and Categories Video. The latter includes Activism & Non Profits, Animation & Motion Graphics, Art, Comedy, Education & DIY, Everyday Life, Experimental, Films, HD, Music, Products & Equipment, Science & Tech, Sports and so on.

When you sign in this App, you can bookmark your favorite movie and watch the movie last watched.

Operation instructions

1. Press the **[HiSmart]** button to display HiSmart hub.
2. Press the **[▲/▼/◀/▶]** buttons to select the Vimeo icon and press the **[OK]** button to enter it.



3. You can choose the movie you like to watch in Featured and Categories in home page.

4. If you want to sign in vimeo , please choose Setting.
5. After signing in vimeo, you can save your favorite video to My Stuff or Watch Later.
6. Choose Search to search the name of movie or music you love.
7. To use other features, press the button showed in the help bar.
8. Press the **[Return]** button to return to the upper menu, or the **[Exit]** button to close the App.

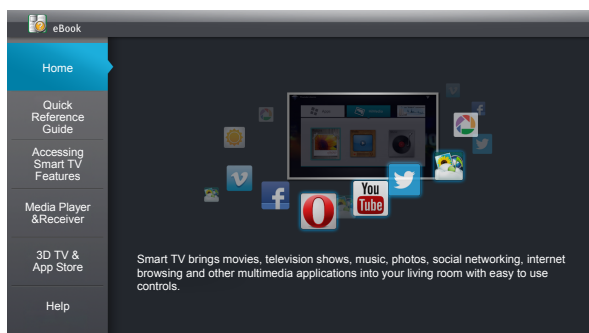
eBook

□ Brief introduction

The ebook app guides the user to set up the TV easily and introduces the use of multimedia applications. It can help the user to have a better, more convenient experience.

□ Operation instructions

1. Press the **[HiSmart]** button to display HiSmart hub.
2. Press the **[▲/▼/◀/▶]** buttons to select the eBook icon and press the **[OK]** button to enter it.



3. In home page, press the **[▲/▼]** buttons to select the classification that you want to view, press the **[◀/▶]** buttons to move page up/down.
4. Press the **[Return]** button to return to the home page of category which you selected, or the **[Exit]** button to close the App.

Other Information

Troubleshooting

If the TV does not operate as usual or appears to be faulty please read carefully this section. Many operational issues can be resolved by users.

It is also advisable to unplug the TV from the AC socket on the wall for 60 seconds or more, then reconnect and start again. This simple procedure helps in restoring stable conditions for electric circuits and firmware of the unit.

Please contact Manufacturer Customer Care if the problem is unresolved or you have other concerns.

SYMPTOMS	POSSIBLE SOLUTIONS
No sound or picture.	● Check if the power cord is plugged into a powered AC outlet. ● A power switch on the right side bottom edge of the front panel must be turned on. Press the [POWER] button in the remote control to activate the unit from Standby. ● Check to see if LED light is either red or blue. If illuminated, power to TV is OK.
I have connected an external source to my TV and I get no picture and/or sound.	● Check for the correct output connection on the external source and for the correct input connection on the TV. ● Make sure you have made the correct selection for the input mode for the incoming signal.
When I turn on my television, there is a few second delay before the picture appears. Is this normal?	Yes, this is normal. That is the TV searching for previous setting information and initializing the TV.
Picture is normal, but no sound.	● Check the volume settings. ● Check if Mute mode is set "on".
Sound but no picture or black and white picture.	● If black and white picture first unplug TV from AC outlet and re-plug after 60 seconds. ● Check that the Colour is set to 50 or higher. ● Try different TV channels.
Sound and picture distorted or appear wavy.	● An electrical appliance may be affecting TV set. Turn off any appliances, if interference goes away, move appliance farther away from TV. ● Insert the power plug of the TV set into another power outlet.
Sound and picture is blurry or cuts out momentarily.	● If using an external antenna, check the direction, position and connection of the antenna. ● Adjust the direction of your antenna or reset or fine tune the channel.
Horizontal/vertical stripe on picture or picture is shaking.	Check if there is interfering source nearby, such as appliance or electric tool.
The plastic cabinet makes a "clicking" type of sound.	"Click" sound can be caused when the temperature of the television changes. This change causes the television cabinet to expand or contract, which makes the sound. This is normal and the TV is OK..
Remote control does not work.	● Confirm that TV still has power and is operational. ● Change the batteries in the remote control. ● Check if the batteries are correctly installed.
Smart Television with wireless network capability Wi-Fi fail to join a local network	● Configure the local wireless router or access point for WPA-PSK security before attempting to connect the TV to the Wi-Fi network. ● Follow instruction in the User Manual of the television to setup a wireless connection
3D Movie does not play on TV	● Check if 3D Blu-Ray video is used? ● A 3D disk in the player is used and the player is set to 3D mode? ● Check the HDMI cable is connected from 3D video source to the TV? ● The TV is set to 3D mode? ● Check the 3D glasses have power and turn it on?

Other Information

Technical Specifications

Colour System	PAL NTSC SECAM
Television System	PAL B SECAM D/K DVB-T
Environmental Conditions	Temperature: 5°C - 45°C Humidity: 20% - 80% RH Atmospheric pressure: 86 kPa - 106 kPa
Component Mode	480I/60Hz, 480P/60Hz, 576I/50Hz, 576P/50Hz, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz, 1080P/50Hz, 1080P/60Hz
VGA Mode	640×480, 800×600, 1024×768, 1280×1024, 60Hz
HDMI Mode	480I/60Hz, 480P/60Hz, 576I/50Hz, 576P/50Hz, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz, 1080P/50Hz, 1080P/60Hz 640×480, 800×600, 1024×768

NOTE

Features, appearance and specifications are subject to change without notice.

Playable format list

File Extension	Container	Video Decoder	Resolution	Frame/Sec	Audio Decoder
*.avi	AVI	Divx3.11 / 4.x / 5.1	1920x1080	30	MP3/AC3/MPEG4 AAC/ MPEG2 AAC
		MPEG2 MP MPEG4 SP/ASP	1920x1080	30	
		H.264 MP/BP/HP	1920x1080	30	
*.wmv *.asf	ASF	Divx 3.11	1920x1080	30	MP3/WMA
		MPEG4 SP/ ASP	1920x1080	30	
*.mp4 *.mov	MP4	MPEG4 SP/ ASP	1920x1080	30	MP3/MPEG2 ACC/MPEG4 AAC
		H.263	1408x1152	30	
		H.264 MP/BP/HP	1920x1080	30	
*.mkv	MKV	H.264 MP/BP/HP	1920x1080	30	MP3/MPEG2 AAC/MPEG4 AAC/AC3
		MPEG4 SP/ ASP	1920x1080	30	
		Divx3.11 / 4.x / 5.1	1920x1080	30	
*.mpg *.mpeg	PS	MPEG1	768x576	30	MP3/AC3
		MPEG2 MP	1920x1080	30	
.ts	TS	H.264 MP/BP/HP	1920x1080	30	MPEG Layer1/MPEG2 AAC/ MPEG4 AAC
		MPEG2 MP	1920x1080	30	
*.FLV	FLV	H.264 MP/BP/HP	1920x1080	30	MP3/MPEG2 AAC/MPEG4 AAC
*.vob	PS	MPEG1	1920x1080	30	MP3/AC3
		MPEG2 MP	1920x1080	31	
*.rm	RM	RV8/RV9 RV10	1920x1080	30	AC3/MPEG4 AAC