

kogan

**42" Agora 4K Smart LED TV
(Ultra HD)**

KALED42UHDZA

USER MANUAL



Table of Contents

Safety Instructions.....	3
General Safety Instructions.....	3
Installation.....	4
Cleaning.....	5
General Description.....	6
Specifications & Accessories.....	6
Specifications.....	6
Accessories.....	6
Input terminals.....	6
Overview.....	7
Back Panel.....	7
Front Panel.....	7
Remote Control.....	8
Installing Batteries in the Remote Control.....	10
External Connections.....	10
Antenna Connection	10
Basic Operation.....	11
Turning the TV on and off.....	11
Main Interface.....	11
TV Applications.....	12
Menu System.....	13
TV Menu.....	13
Sound	13
Sound Mode.....	13
Equalizer.....	14
Balance.....	14
Auto Volume	14
Surround Sound.....	14
SPDIF Mode.....	14
HDMI Sound.....	14
Image.....	15
Picture Mode.....	15
Aspect Ratio	15
Color Temp	15
Adjusting the Backlight.....	15
Window Adjust.....	15
Program.....	16
Auto Search.....	16
EPG(Used only in DTV).....	16
ATV Manual Search.....	16
DTV Manual Search.....	16
Program Edit	17
Signal Information (Used only in DTV).....	17
Input Source.....	17
Function.....	18
Time.....	20

PVR (Personal Video Recorder).....	21
PVR File System.....	21
PVR Guide.....	22
Time shift.....	22
Instant recording.....	22
Recording in standby mode.....	22
DTV EPG (Electronic Program Guide)	23
Digital Media Player.....	24
Device and File Management.....	24
Initialization Interface.....	24
External Connection.....	25
Connecting a VCR.....	25
Connecting a Camcorder.....	26
Connecting a DVD Player/Blu-Ray Player/Set-Top Box via DVI.....	27
Connecting a DVD Player/Blu-Ray Player/Set-Top Box via HDMI.....	28
Connecting a Digital Audio System.....	29
Connecting to PC.....	30
Supported Signals.....	30
Assembling the Stand.....	31
Wall Mounting Instructions.....	32
Troubleshooting.....	33
Product Layout.....	34

Safety Instructions

General Safety Instructions

Risk of electric shock. DO NOT OPEN!

Do not attempt to service the television yourself, as opening or removing the covers may expose you to dangerous voltage or other hazards. Refer all servicing to the Kogan customer support team.



To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The television should not be exposed to dripping or or splashing, and no liquid filled objects such as vases should be placed on the case.



In the event of smoke, strange noises or a strange smell from the unit, you should follow these steps:

- Turn off the unit immediately.
- Disconnect the power plug from the power outlet.
- Contact the Kogan customer support team. Never attempt to make repairs yourself.

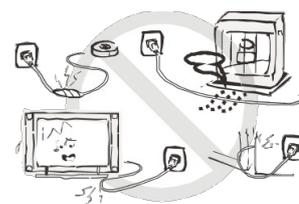


Never push objects of any kind into the set through the cabinet slots as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill any liquids onto the set. Use special caution in households where children are present. The television is not suitable for children under 4 years old to operate.

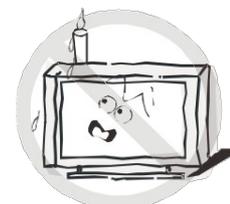


Power supply cords should be routed safely to prevent dangers due to damaged cords.

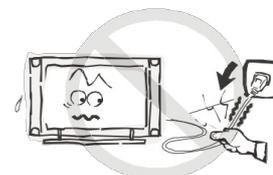
The mains plug is the main disconnect method, so it should be easily accessible and not be obstructed during use.



To avoid fires, no naked flame sources such as lit candles or burning incense should be placed onto the casing of the television.



Do not pull the plug out of a power outlet by pulling on the power cable. Always grasp the plug and pull. Never touch the plug with wet hands.



An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits.

When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them may be fatal.



Always turn the set off when it is not being used.

Unplug the television from the power outlet when it will not be used for a long time or when there is an electrical storm.

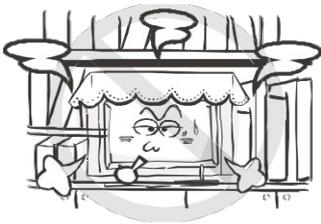
Never touch the antenna cable during a lightning storm.



Excessive volume from earphones and headphones can cause permanent hearing loss. Always monitor the volume of noise from these devices, especially when children are using them.



Installation



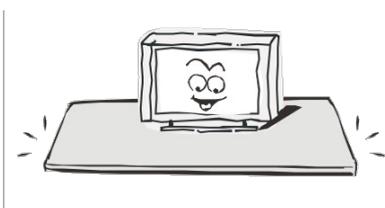
Ventilation should not be impeded or limited by covering the ventilation slots with items such as newspapers, tablecloths, curtains etc.. At least 10cm of space should be left around the apparatus for sufficient ventilation.



The television should be situated away from heat sources such as radiators, heaters, stoves or other products that produce heat.

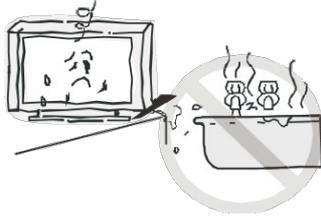
Place the television in a position where the screen is not exposed to direct sunlight. It is best to have soft indirect lighting while watching, and you should avoid a completely dark viewing environment and reflections to avoid eye fatigue.

Keep the product away from high magnetic fields (such as near an amplifier speaker) to avoid affecting the tint.

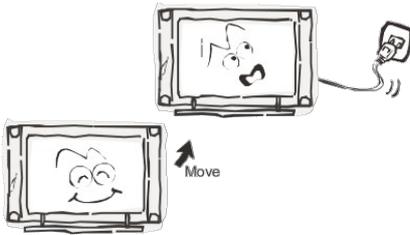


Do not place the television on an unstable table, stand or shelf. The set may fall, causing serious injury as well as damage to the television itself.

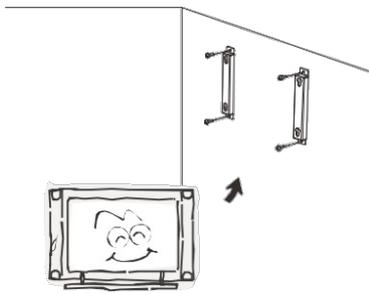
If moving the television on a cart, move the unit with care as sudden stops and starts may cause the television to overturn.



Do not place this television near water, for example near a bathtub, wash bowl, kitchen sink, laundry tub, swimming pool or in a damp basement etc..



When moving the television to a warm location from a cold location, allow some time for any dew or condensation inside the television to evaporate fully before you turn the unit on.



To prevent injury, the television must be securely attached to the floor/wall in accordance to the supplied installation instructions.

Cleaning

Unplug the television from the power supply before cleaning. Do not use any liquid cleaners or harsh chemicals. Use a soft, damp cloth.



General Description

- Zero X radiation complies to green environment protection requirements
- Connect to computer directly to create a TV/Monitor combo
- MHL2.0
- Android4.2
- USB 3.0
- 16:9 widescreen
- Auto tuning and fine tuning.
- PC VGA input
- Component compatible (480i, 480P, 576i, 576P, 720P, 1080i, 1080P)
- HDMI input
- Programmable sleep timer
- No signal automatic power off

Specifications & Accessories

Specifications

Model	KALED42UHDZA	
Display Screen Size	42" Diagonal	
Maximum Resolution	3840 x 2160	
Power Supply	~110-240V, 50/60Hz	
TV Receive System	PAL/SECAM: BG, DK, I DVB-T	
Frequency Range	DTV: 5-12, 21-69	
Video In	PAL/NTSC/SECAM	
Antenna Input Impedance	75ohm unbalanced	
Speaker Output Power	2 x 5W	
Remote Power Input	DC 3V (Two AAA batteries)	
Power Consumption	90W	
Standby Consumption	<0.5W	
Dimensions (LxWxH)	With stand	970 x 220 x 618mm
	Without stand	970 x 60 x 577mm
Weight (Net)	With stand	13.7kg
	Without stand	11.8kg
Operating Temperatures	0C ~ 40C	

Accessories

Remote Control

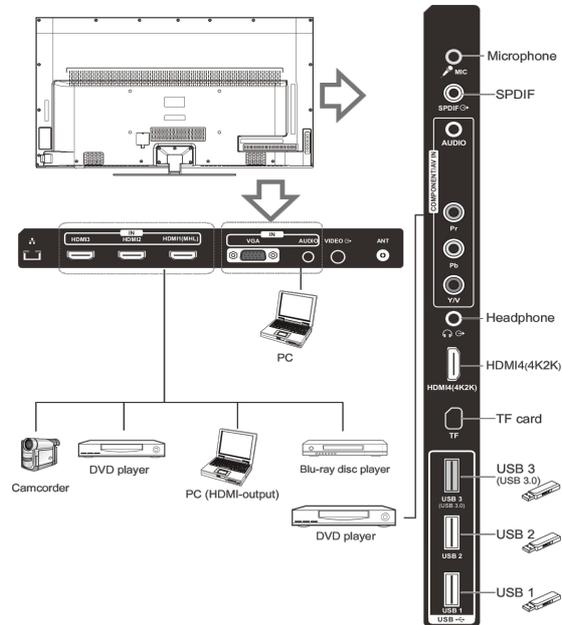
Input terminals

1 x Antenna jack	4 x HDMI inputs
1 x PC-RGB input	3 x USB inputs
1 x COMPONENT input	1 x CVBS output
1 x AV input	1 x SPDIF output
1 x Headphone output	

Overview

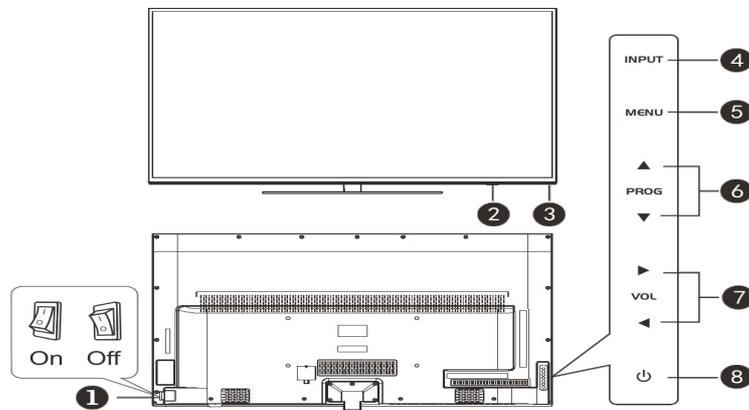
Back Panel

You can connect the TV to video devices such as DVD/Blu-Ray players, VCR and video cameras as well as gaming consoles.



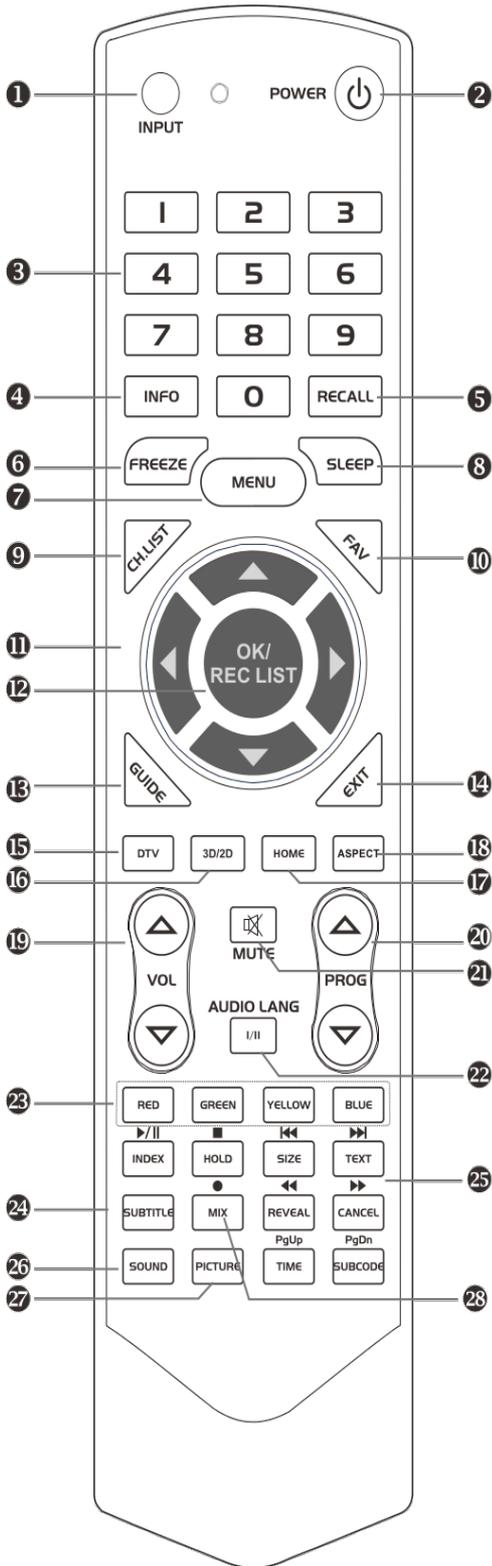
Front Panel

The buttons on the lower left panel control your TV's basic functions. For advanced features you must use your remote control.

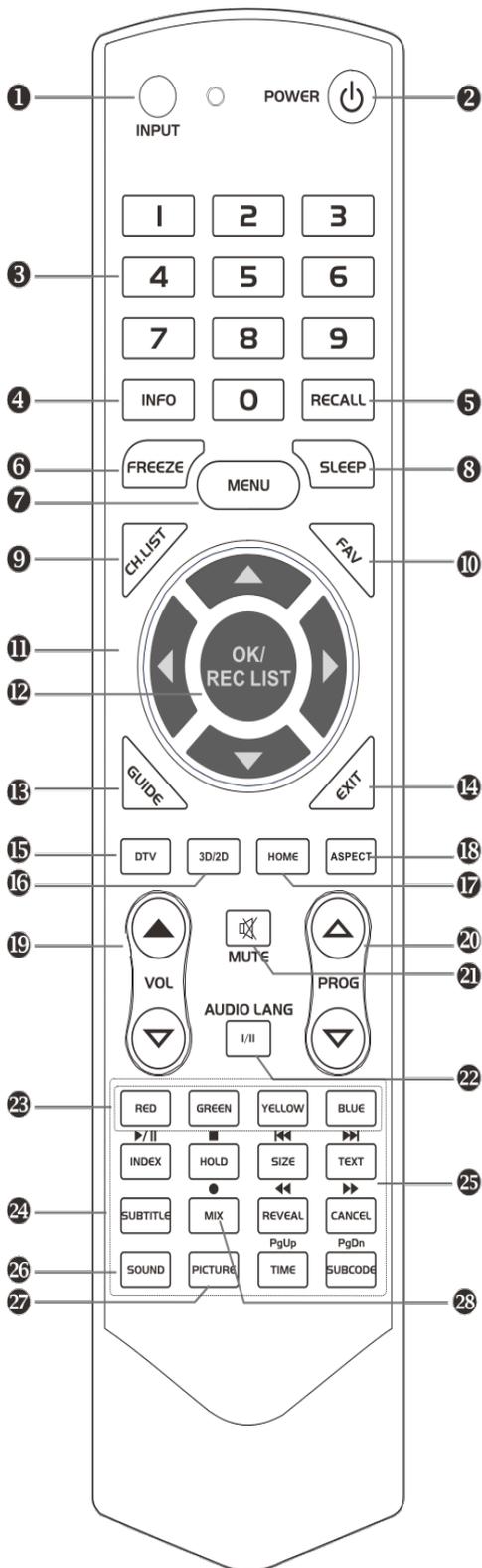


- | | | |
|---|------------------------------------|---|
| 1 | Power Switch | Press to turn the TV on or off. |
| 2 | Remote control Sensor | Aim the remote at this spot on the TV. |
| 3 | Power Indicator | |
| 4 | INPUT | Toggles between all of the available input sources. |
| 5 | MENU | Press to display an on-screen menu of your TV's features. |
| 6 | PROG Δ/∇ | Press to change programs. |
| 7 | VOL $\triangleleft/\triangleright$ | Press to increase or decrease the volume. |
| 8 | Standby | Press "⏻" to toggle between normal and standby mode. |

Remote Control



1. **INPUT:** This button is used to switch among different sources: DTV, ATV, AV, YPbPr, VGA, HDMI1, HDMI2, HDMI3, HDMI4.
Select a source and press OK button to confirm.
2. **POWER:** Press this button to switch to standby mode, and press it again to turn TV on.
3. **Digital buttons(0~9):** To select channel with digital buttons.
4. **INFO:** This button is used to start the "Current Service Banner" application that provides information about the current service.
5. **RECALL:** Switch to the previous program.
6. **FREEZE:** Press this button to freeze the image.
7. **MENU:** Press this button to display main menu or exit the menu. When you are in the submenu, you can press it to return the main menu.
8. **SLEEP:** TV will be switched off automatically at preset sleep time if you have set sleep timer. Use your remote control to set the sleep timer.
Press SLEEP button on the remote control, then press this button again to set sleep time: off, 10, 20, 30, 60, 90, 120, 180, 240 min. Press MENU button to exit when you have set the sleep timer. After you have set sleep timer, press SLEEP button again, you will see the Remaining time.
Notes: The sleep timer you have set will be cancelled when the TV turns off or if a power failure occurs.
9. **CH.LIST:** Press it to show channel list on screen.
10. **FAV:** Press it to display favorite list.
11. **Arrow buttons:** Press these buttons to move cursor up/down/left/right for menu.
12. **OK/REC LIST:** Press this button to display a list of recorded programs. In main menu and submenu, it is a validation button.
13. **GUIDE:** In DTV source, this button is used to start the EPG application.
14. **Exit:** Exit the menu.
15. **DTV:** Switch to DTV mode.
16. **3D/2D:** Press this button to display the "PIP setting".



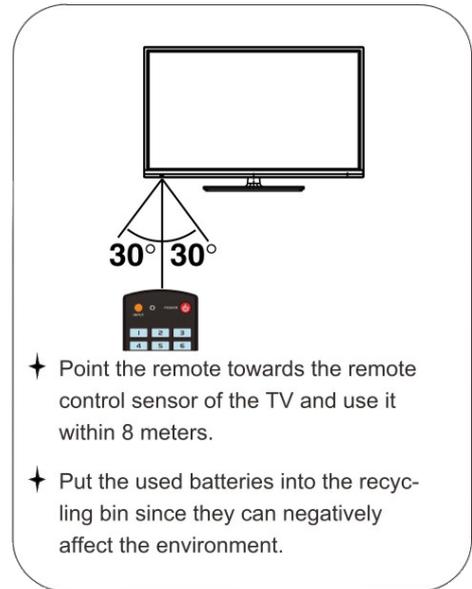
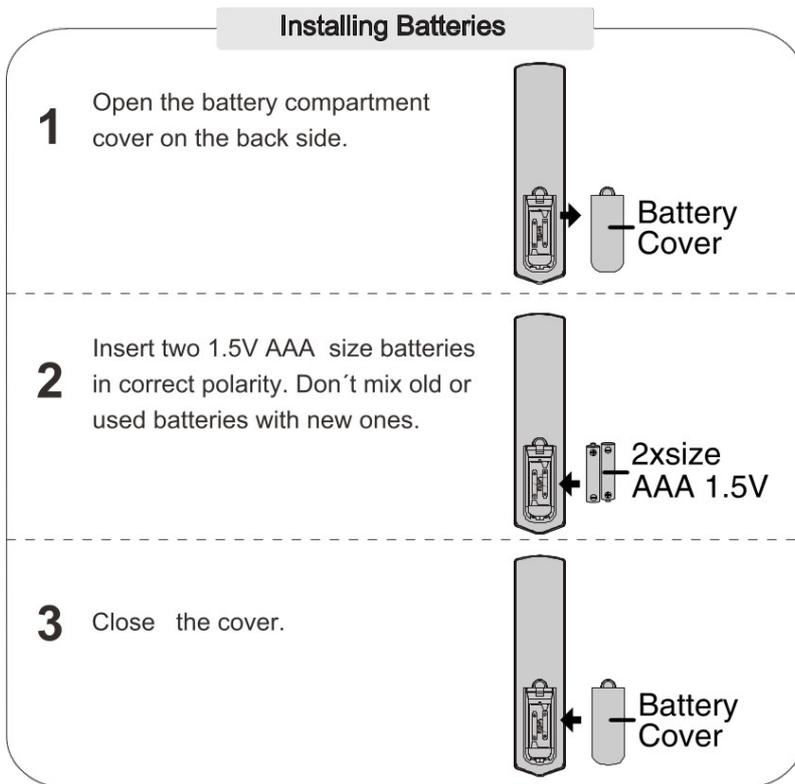
17. **HOME**: Press this button to enter the main interface directly.
18. **ASPECT**: Press this button to switch the screen mode.
19. **VOL Δ and VOL ∇** : Press these buttons to adjust TV volume.
20. **PROG Δ and PROG ∇** : Press these buttons to change channel upward or downward. In the teletext, these buttons are used to display the next page and previous page.
21. **MUTE**: Press this button to shut off sound of the TV, press again to restore TV sound.
22. **I/II Button/Audio Lang**: In ATV source, the button is used to set NICAM sound system. In DTV source, the button is used to set the audio language.
23. **Red/Green/Yellow/Blue Command**: These four buttons are used to request linked buttons with the current menu/page.
24. **Teletext buttons**: Detail operation please refer to "Teletext " in the next page.
25. **Digital media player control button**: Including play/pause, stop, previous file, next file, backward, forward, these buttons are used to control in USB mode.
26. **SOUND**: This button is used to select the sound mode.
27. **PICTURE**: This button is used to adjust the picture mode.
28. **MIX (●)**: Teletext buttons for mix function. It is also used for recording function when TV is on DTV mode.

Note:

Before turning off the main power, or turning off the power supply, you must switch the television into standby mode by pressing the POWER button on the remote control or on the television set itself.

Once the television is in standby mode, you may turn off the mains power supply.

Installing Batteries in the Remote Control



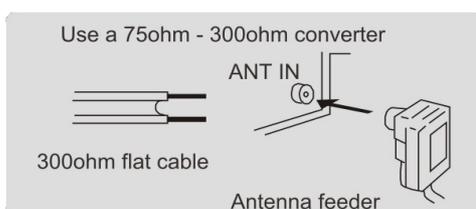
Notes

- One load of batteries should last a year under normal use.
- If you do not intend on using the remote control for an extended period of time, remove the batteries to avoid leakage.
- Do not mix old and new batteries together.
- The batteries should not be exposed to excessive heat such as direct sunlight, fires or similar situations.

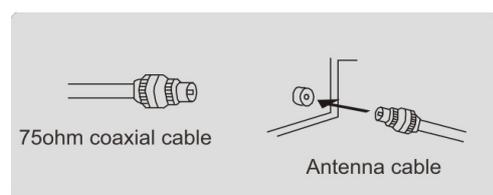
External Connections

Antenna Connection

Antenna input impedance of this unit is 75ohm. VHF/UHF 75ohm coaxial cable can be connected to the antenna jack directly. If the antenna cable is 300ohm parallel flat feeder cable, you will need to use the 300ohm/75ohm converter to connect the antenna cable to the antenna jack. For details, see below.



Antenna with 300ohm flat twin leads

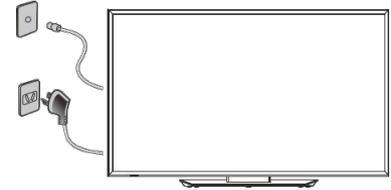


Antenna with 75ohm round leads

Basic Operation

Turning the TV on and off

1. Insert the power cord into a power outlet.
2. If the TV is in standby mode, press the POWER button on the remote control or the “⏻” button on the bottom panel of the LED TV.
3. Normal picture will be displayed on the screen after approximately 15 seconds. If no signal input is detected, “NO SIGNAL” will be displayed on the screen.
4. If temporary power off is required, press the POWER button on the remote control or the “⏻” button on the bottom panel of the LED TV.
5. If you want to completely switch off the power to the unit, unplug the power cord from the wall completely.
6. After switching the unit off, you should wait at least 5 seconds before switching it back on.



Status Indication Lamp

Red: standby mode

Green: power on

Auto Power-off

1. If there is no signal, the TV will automatically enter standby mode after 10 minutes.
2. In VGA mode, if there are no operations after 15 seconds, TV will enter standby mode.

Memory before turning TV off

The picture and sound settings and preset channels will be memorised at the point when the TV is turned off. When the TV is starting up again, it will come on with these settings again.

Main Interface

You will enter the main menu once the TV is turned on.



Arrow buttons: the selected menu item will be outlined in orange.

OK button: enter the menu option that you have selected.

INPUT button: You will enter the relevant option directly.

The state icons at the top right corner are as follows:

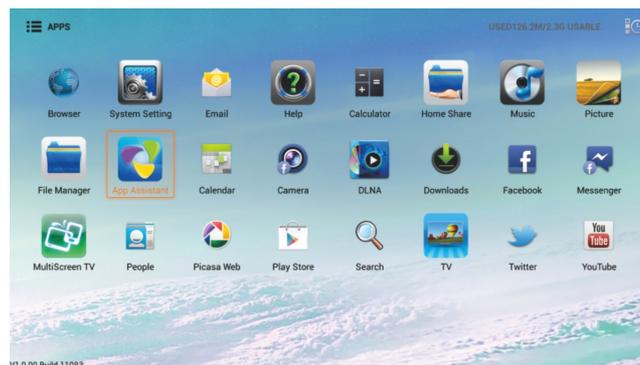
- | | | | |
|-----------------------|-----------------|---------------------|-----------|
| 1. Add to home screen | 2. All caps | 3. Change Wallpaper | 4. Search |
| 5. Setting | 6. Mass Storage | 7. Wired | |

Note:

1. The first area as shown in the image will display the current video image. When there is no signal, it will display a snowflake.
2. The second area shows some small desktop plug-ins. Select one and press OK to enter the relevant application.
3. The third area is the short-cut menu. Select one and press OK to enter the relevant short-cut options.

TV Applications

The application menu displays the applications that come pre-installed on the television, along with any applications you have downloaded.



Menu Button: Open or Close the app menu

Exit Button: Return to the main menu

Arrow Button: Select the application which you want

OK Button: Enter the application you've selected.

Note: When the applications take up more than one page, and the focus is on the left or right side of each line, the left/right buttons will switch pages.

Menu System

TV Menu



Menu button: Open the TV menu.

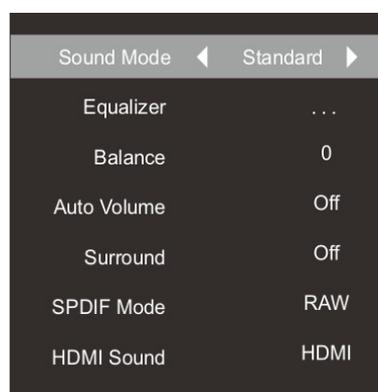
Exit button: Close the TV menu.

Arrow buttons: Select the setting which you want to change.

OK button: Enter the selected settings menu.

Note: Enter the function option by click the status bar.

Sound



Sound Mode

You can select the type of special sound to be used when watching a given settings broadcast. Your TV has five sound settings ("Standard", "Music", "Movie", "Sports", "User") that are preset at the factory.

1. Press ▲/▼ key to select "Sound Mode" option.
2. Press ◀/▶ key to select one sound mode.

- Standard: Selects the normal sound mode.
- Music: Select the sound mode for music.
- Movie: Provides live and full sound for movies.
- Sports: Emphasises bass over other sounds.
- User: Selects your custom sound settings (See "User settings for Sound").

Equalizer

1. Press ▲/▼ key to select an equalizer item.
2. Press OK key to enter the equalizer submenu.

The sound settings can be adjusted to suit your user preferences.

1. Press ▲/▼ key to select a particular item.
2. Press ◀/▶ key to decrease or increase the value of a particular item.



Note: The adjusted values are stored according to the selected particular item.

Balance

If the volumes of the left speaker and the right speaker are not the same, you can adjust the "Balance" to suit your personal preference.

1. Press ▲/▼ key to select "Balance" option.
2. Press ◀/▶ key to decrease or increase the value of the item.

Auto Volume

Each station will have its own signal conditions which include varying volume levels. As it is inconvenient to adjust the volume every time the channel is changed, "Auto Volume" automatically adjusts the volume of the desired channel by lowering the sound output when the modulation signal is high, or by raising the sound output when the modulation signal is low.

1. Press ▲/▼ key to select "Auto Volume" option.
2. Press ◀/▶ key to select "On" or "Off".

Surround Sound

This is used to turn on surround sound to gain better sound effect.

Press ▲/▼ key to select "Surround sound" option.

Press ◀/▶ key to select "On" or "Off".

SPDIF Mode

This is used to select "SPDIF Mode". This option is only used in HDMI\DTV mode.

Press ▲/▼ key to select "SPDIF Mode" option.

Press ◀/▶ key to select "RAW" or "PCM".

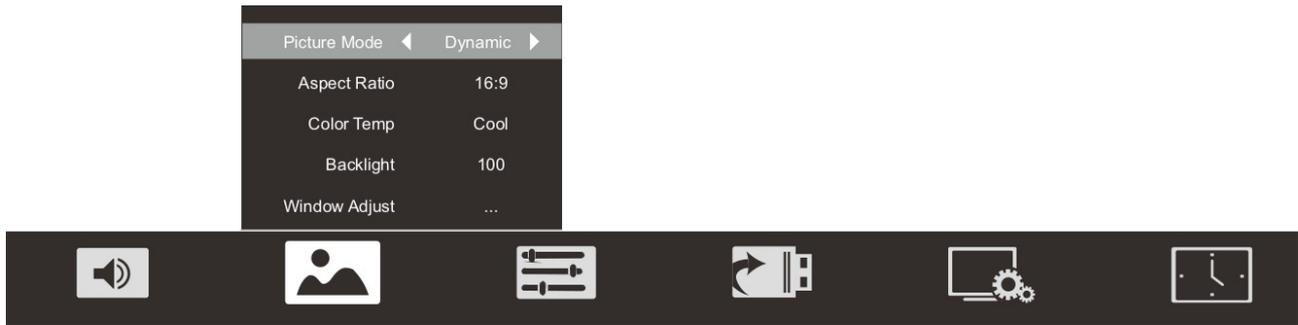
HDMI Sound

This option is only used in HDMI mode.

Press ▲/▼ key to select "HDMI Sound" option.

Press ◀/▶ key to select HDMI Sound mode, HDMI or VGA.

Image



Picture Mode

Your TV has five picture settings (Standard, Soft, Vivid, User, Dynamic) that are preset at the factory. Only "User" mode can be set to your preference by adjusting particular items such as Contrast, Brightness, Color, Sharpness, Tint.

Press ▲/▼ key to select "Picture Mode" option.

Press ◀/▶ key to select one picture mode.

Aspect Ratio

You can select the picture size which best corresponds to your viewing requirement.

Press ▲/▼ key to select "" option. Aspect Ratio

Press ◀/▶ key to set the scale mode.

You can also press the "Aspect" key on the remote control to select one of the scale modes. Each source has different scale modes. (16:9, 4:3, Panorama, Movie, Subtitle, Dot by dot)

Color Temp

You can change the color of the entire screen according to your preference.

1. Press ▲/▼ key to select "Color Temp" option.
2. Press ◀/▶ key to select one color temp.

Standard: Keeps whites white.
Warm: Makes whites reddish.
Cool: Makes whites bluish.

Adjusting the Backlight

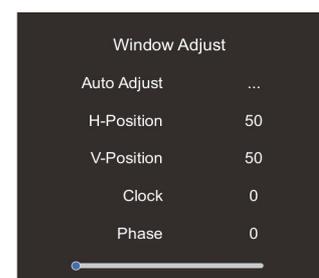
You can change the brightness of the entire screen according to your preference.

1. Press ▲/▼ key to select "Backlight" option.
2. Press ◀/▶ key to select one backlight mode.

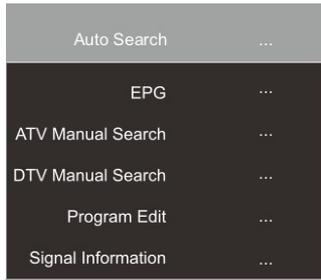
Window Adjust

This option is only used when VGA mode has signal.

1. Press ◀/▶ key to select "Window Adjust" option.
2. Press OK key to display the "Window Adjust" menu.

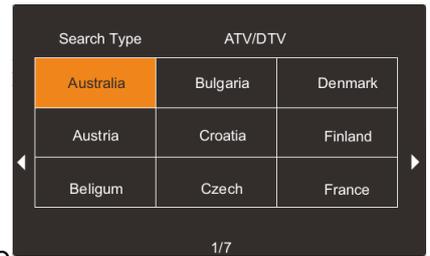


Program

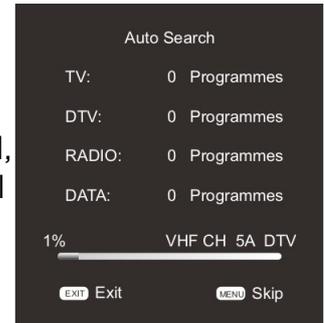


Auto Search

Press ▲/▼ key to select "Auto Search" option. Then press OK key to start a notice window. In this notice window, you can select country in the "Country Selection" option and set "Tune Type" option.



The number of searched channels will be shown on the screen. If you set "Tune Type" to "DTV+ATV", once searching for DTV channels is over, the TV will start to search for analog channels. (Please note, Australia no longer has analog TV signals). When the whole searching is finished, all the channels will be stored in memory, and a message will appear on the screen as per the diagram on the right:



NOTE: If you want to exit the search, you can press the EXIT button.

EPG(Used only in DTV)

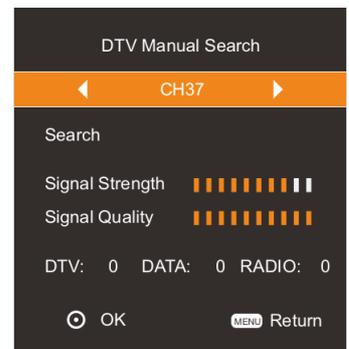
Press ▲/▼ key to select "EPG" option. Press "OK" key to enter EPG submenu.

ATV Manual Search

This function is to search manually for analogue television signals. It will not function in Australia.

DTV Manual Search

In the ATV/DTV source, you can choose "DTV Manual Search" to enter "DTV Manual Search" menu. You can use ◀/▶ button to choose the channel and press OK button to search, and then the TV will store the DTV channel if there is a DTV signal present.



Program Edit

You can use ▲/▼ button to choose “Program Edit” and enter the menu, press the Blue/Red/Yellow colour button on the remote control to skip, delete and move programs, also you can press FAV button to add to your favourite list.

- **Delete:** You can press RED button to enter “DEL” menu, then choose the channel you want to delete and press RED button again to delete.
- **Move:** You can press the ▲/▼ button to choose the channel in ATV mode you want to move and press YELLOW button to move it.
- **Skip:** You can press the ▲/▼ button to choose the channel you want to skip and press BLUE button to skip it when you change channels.
- **FAV:** If you like a channel, you can choose “FAV” button in the menu to add it to your favourite list. Then you can press “FAV” button on the remote control to choose your favourite channel instantly.

Program Edit		
9	Nine Digital	DTV
90	Nine Digital HD	DTV
99	Nine Guide	DTV
1	C-01	ATV
2	C-04	ATV
3	S-43	ATV
4	S-45	ATV
5	S-02	ATV
6	S-04	ATV
7	S-05	ATV

Skip
 Delete
 FAV

Signal Information (Used only in DTV)

Press ▲/▼ key to select “Signal Information” option.

Press “Ok” or ► key so you can see the signal information of the DTV channel.

NOTE: Signal Quality/Signal Strength (DTV Only): Unlike analogue channels, which can vary in reception quality, digital channels must have perfect reception quality or you will not receive them at all. Unlike analogue channels, you are not able fine tune a digital channel. If the signal strength indicates that the signal is weak, a possible solution is to adjust your antenna to increase the signal strength. Continue to adjust the antenna until you find the best position with the strongest signal.

Signal Information	
Channel	37
NetWork	Nine Melbourne
Modulation	64 QAM
Signal Strength	██████████ 84%
Signal Quality	██████████ 100%

Input Source

There are two ways to select input source.

1 - Input Setup

Press INPUT key on the remote control to show the “INPUT SOURCE” menu. The different input sources will be displayed as shown below. Use ◀/▶ key to move the cursor to the input you desired and press OK key to confirm.



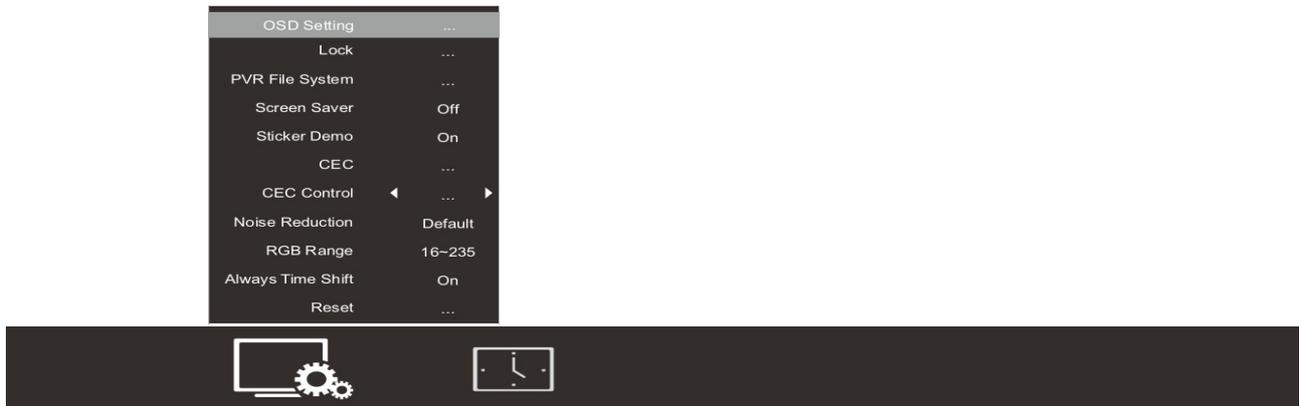
2 - Input Source Menu



1. Press MENU key to display the main menu on the screen.
2. Press / key to select "Input Source" option.
3. Press OK key to enter submenu.

Note: The TV can support 4K2K mode (3840×2160) in HDMI4 mode.

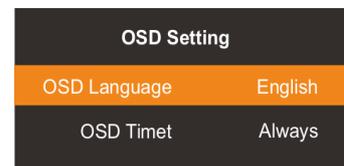
Function



OSD Setting

You can modify the OSD set to suit your user preferences.

1. Press ▲/▼ key to select the "OSD Setting" option.
2. Press OK key to display the OSD setting menu.
OSD Language: select the proper language
OSD Time : Set the preferred amount of time for the OSD to be displayed on the screen.



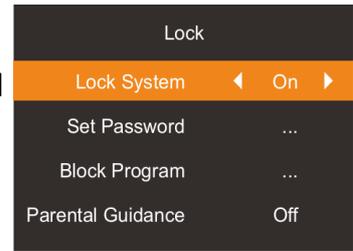
Lock (Optional)

The lock feature requires a Password to be entered before any settings can be changed.

1. Press ▲/▼ key and select "Lock" under the "Function" menu.
2. Press OK key to enter the "Lock" submenu, "Please



enter password" menu will appear. Enter your 4-digit password to enter the "Lock" submenu. (The default password is 0000, and the master password is 1980).

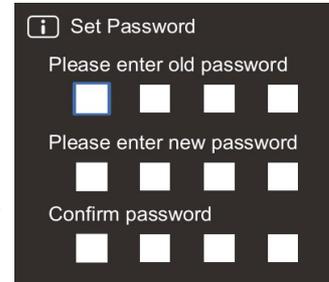


Lock System

1. Press ▲/▼ key to select the "Lock System" option.
2. Press ◀/▶ key to select "On" or "Off".

Set Password

1. Press ▲/▼ key to select "Set Password" option.
2. Enter your 4-digit password to set the old password. Choose any 4-digits for your new password and enter them. Once the 4 digits are entered, the cursor will go to "Confirm password". Re-enter the same 4 digits and your new password will be memorized.



Block Program

1. Press ▲/▼ key to select "Block Program" option.
2. Press OK key to enter Program Lock. In the program list, use the Blue key to lock or unlock the program. Once the program is locked and Lock System is on, the password is needed to watch it.



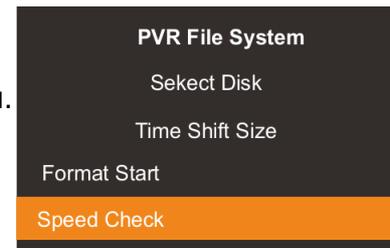
Parental Guidance

This option only used in DTV mode.

1. Press ▲/▼ key to select "Parental Guidance" option.
2. Press ◀/▶ key to select the lock level of the Parental Guidance.

PVR File System

1. Press MENU key to display the main menu on the screen.
2. Press ▲/▼ key to select "PVR File System" option.
3. Press OK key to enter "PVR File System" submenu. For detailed operation instructions, refer to "PVR File System".



Screen Saver

This option is only used in ATV mode.

1. Press ▲/▼ key to select "Screen Save" option.
2. Press ◀/▶ to choose on or off.

Noise Reduction

1. Press ▲/▼ to select "Noise Reduction" option.
2. Press ◀/▶ key to select "Off", "Low", "Middle", "High" and "DEFAULT" to improve the picture sharpness.

Note: Noise Reduction doesn't work in VGA Mode.

RGB Range

Change the brightness and saturation for a better picture.

1. Press ▲/▼ to select "RGB Range" option.
2. Press ◀/▶ key to select "16-235" or "0-255".

Note: only available in HDMI mode, please select the appropriate setting according to the DVD Player/STB.

Game Mode (Used only in HDMI and VGA)

Game mode will deal with input lag and might improve your gaming experience.

1. Press ▲/▼ to select "Game Mode" option.
2. Press ◀/▶ to select "On" or "Off".

RESET

Select the "Reset" option and press OK key to display a confirm box, and select "Yes" or "No".

Note: The "Reset" option will return settings and channels to factory default.

Time

2013/01/18 13:00	
On Time	Off
Off Time	Off
Sleep Timer	Off
Time Zone	GMT+8:00



Clock Setting

On the current time display, press OK button to enter the "Clock Setting" menu to set the Date and Time.

In "Auto Mode" item, you can get the time from Net or not.

Note: In DTV Mode, the TV will get the time from DTV.

Clock Setting	
Auto Mode	◀ Off ▶
Date	2013-04-18
Time	09:16

On Time

In "On Time" item, press OK button to enter the submenu, set the time to turn on the TV set, when the TV set is in the standby mode.

You can set a desired source to be displayed automatically when you start TV in "Source" menu.

On Time	
Switch	◀ On ▶
Time	12:00
Source	DTV

Off Time

In "Off Time", press OK button to enter the submenu, set the time to turn off the TV set.

Off Time	
Switch	◀ On ▶
Time	00:00

Sleep Timer

1. Press ▲/▼ key to select "Sleep Timer" option.
2. Press ◀/▶ key repeatedly until the desired time appears (Off, 10min, 20min, 30min, 60min, 90min, 120min, 180min, 240min).

Notes:

- The sleep timer you have set will be cancelled when the TV turns off or if a power failure occurs.
- When the time is less than 60 seconds, remind information will be displayed on the screen. Press any key button to cancel timer function.

Time Zone

You can choose it to modify your time zone in the TV set.

1. Press ▲/▼ key to select "Time Zone" option.
2. Press ◀/▶ key to select time zone.

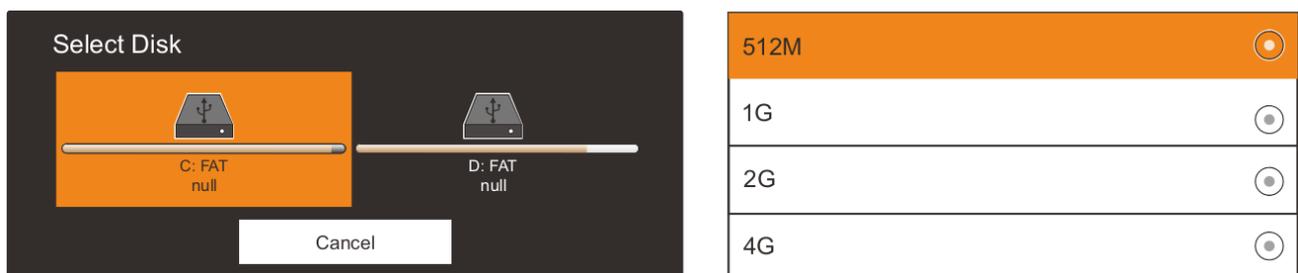
PVR (Personal Video Recorder)

PVR File System

WARNING:

- Before connecting your USB device to the TV, please back up your files to prevent them from damage or loss of data.
- A USB disk must be formatted when first used for PVR. Any existing data on the disk will be lost during the formatting process. Please back up your disk if you do not want to lose this data. You are recommended to use a dedicated disk for PVR use only. Do not disconnect disk or power during formatting.
- Do not modify PVR files on a PC.

Note: Make sure your USB device is compatible with the TV and able to support PVR recording.



- **Select Disk:** Press "OK" button to enter submenu and press ◀/▶ to choose the disk to be used for PVR.
- **Time Shift Size:** Press "OK" button to enter submenu and press ▲/▼ to choose the size.
- **Format:** Press "OK" button to enter format submenu. The disk must be formatted when first used for the PVR function. Do not disconnect disk or turn power off during formatting. When formatting your disk, a progress bar will appear on the display.

NOTE: The larger your device the longer it will take to format. The device may take many minutes to format, this is not a malfunction, please wait for the formatting to finish.

- **Speed Check:** Test your disk speed.

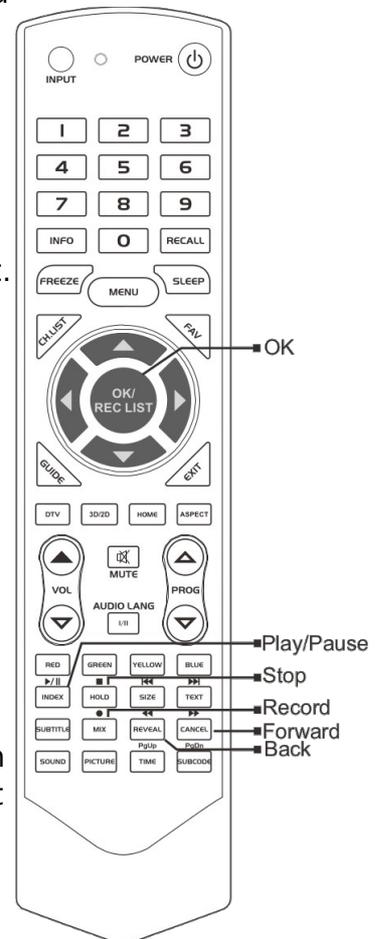
PVR Guide

If the disk for PVR is ready, the programs can be recorded in DTV mode.

Time shift

In DTV mode, press “▶/||” button to pause the DTV program, press it again to continue play. The length of time a program can be paused depends upon the setting in the PVR File System. Press “EXIT” to stop the time shift. Press the PLAY button to continue playing the program from the point where it was paused.

NOTE: Time Shift will stop if you change channels or change inputs.



Instant recording

1. Select the desired channel then press the “•” button on the remote control to start recording the current broadcast, a progress bar will be displayed at the bottom of the screen.
2. Recording stops when you press the EXIT button and the recorded file is stored in the external USB device automatically.

NOTE: You can only watch channels on the same frequency as the program being recorded. If you try to change to another channel or come to the main interface a message will appear prompting you to continue or not “STOP RECORDING. System will stop record if user want to channel up/down, Confirm or Cancel.”

Recording in standby mode

This unit is able to record while in standby mode.

Note: Start a recording then press the power button. A message will be displayed prompting you to standby, stop or cancel.

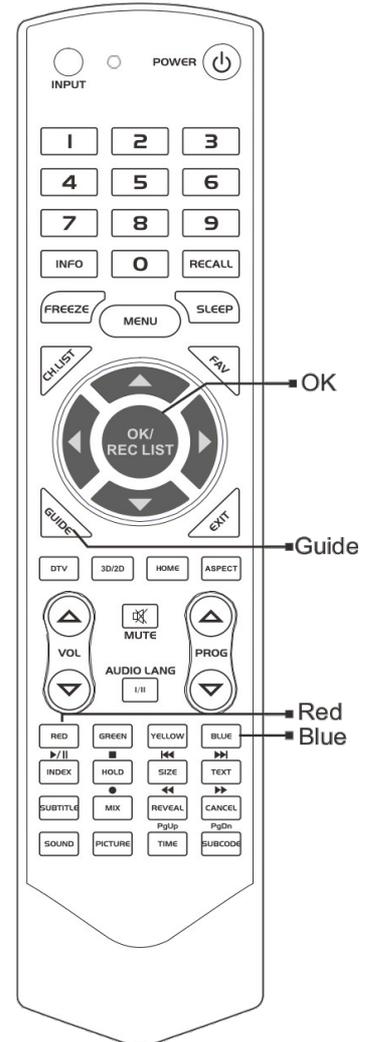
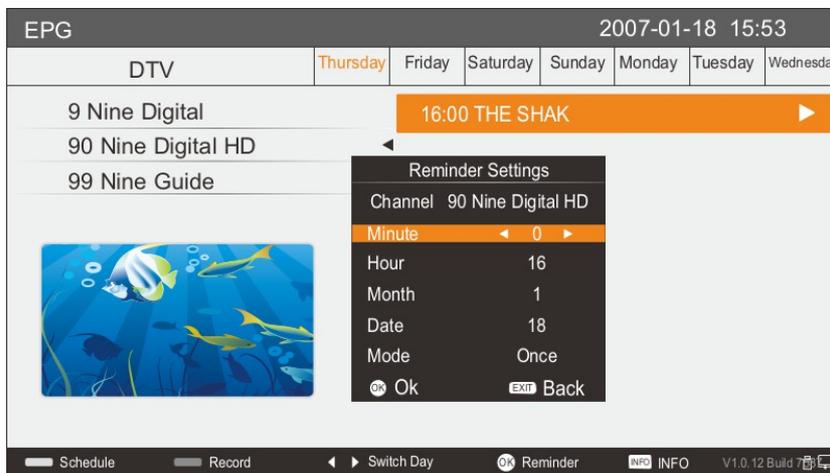
DTV EPG (Electronic Program Guide)

In DTV mode, press "GUIDE" button to enter the Electronic Program Guide.
At Guide menu, press "RED" button to "Record" Setting.

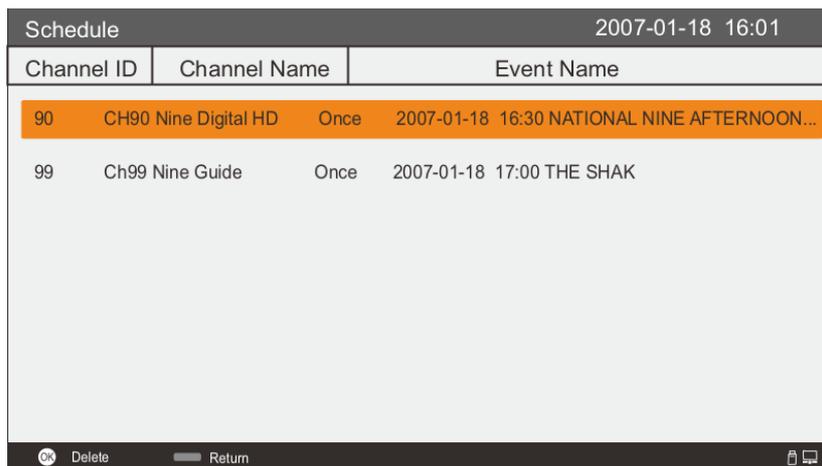


In the Guide menu, press "OK" button to enter "Reminder Settings".

Note: Press ◀/▶ button to adjust the scheduled time, press OK button to save the setting.



Press the BLUE button to enter the Schedule interface.



Digital Media Player

This TV is embedded with one USB port digital media player. It can find devices that support USB 1.1/2.0/3.0, including flash drives, USB hard disks and digital cameras.

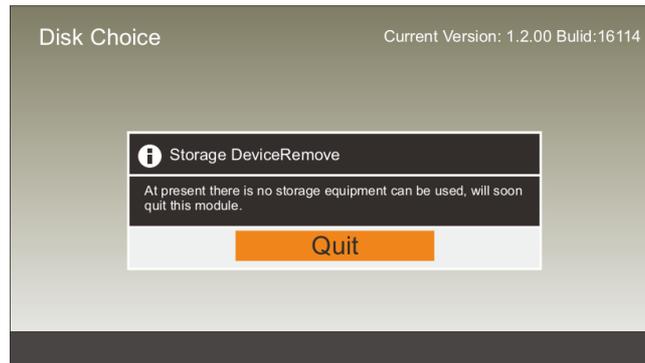
Note: please do not remove the cable or device during the data transfer. Doing so may cause problems for the system.

Data	Format
Picture	JPG, JPE, PNG, BMP
Music	MP3, AAC
Video	MPG, MPEG, MP4, MOV, MKV

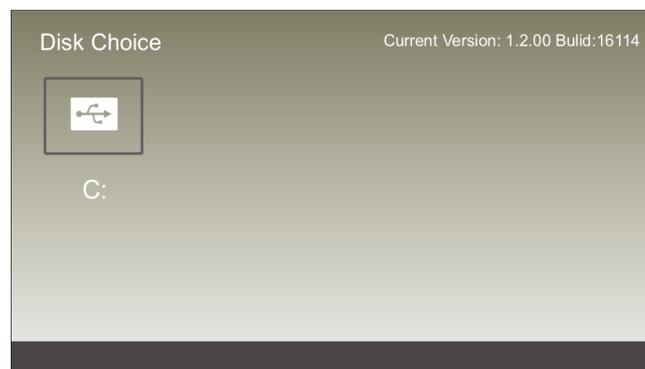
Device and File Management

Initialization Interface

On the main interface, click the “Mass storage” icon to enter the USB channel. If there is no USB device inserted, the system will prompt you to insert the USB device, while the screen displays “Storage DeviceRemove” message, as shown below.



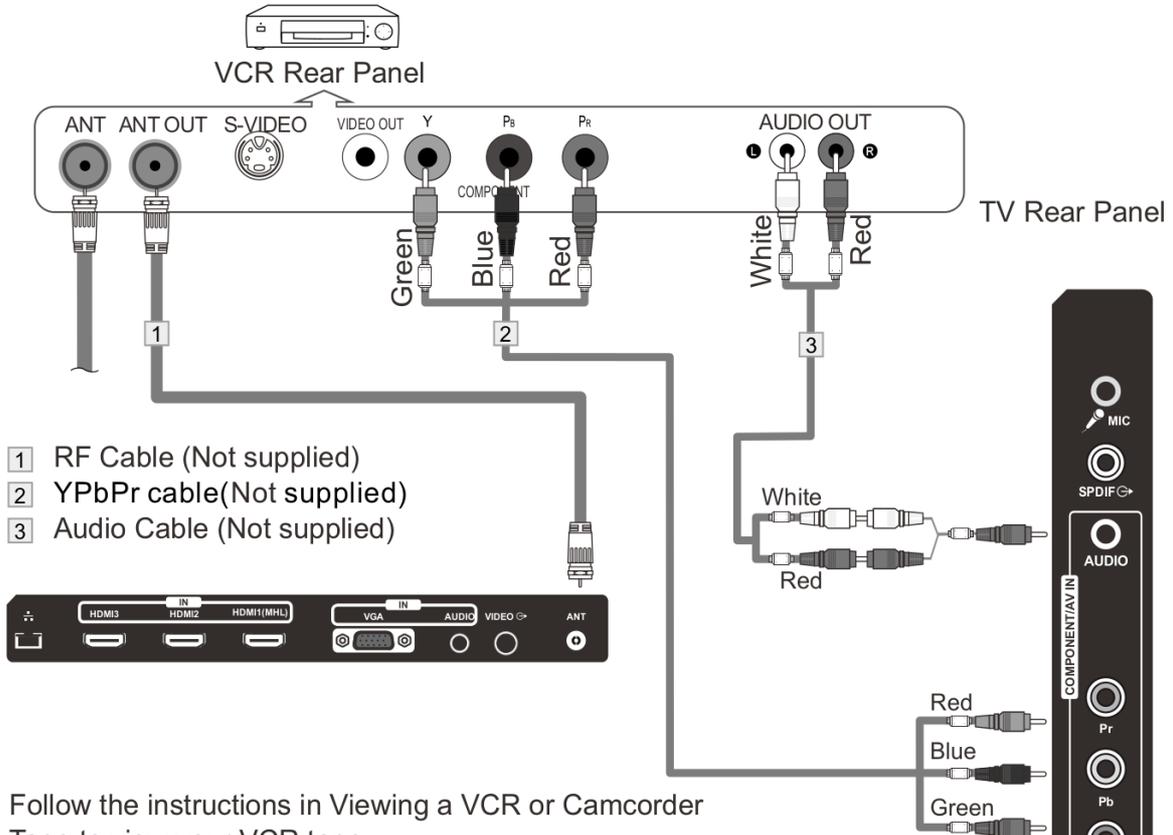
When a USB device has been inserted, the interface will appear as below. Press the OK button to enter the selected drive.



External Connection

Connecting a VCR

These instructions assume that you have already connected your TV to an antenna or a cable TV system. Skip step 1 if you have not yet connected to an antenna or a cable system.



Follow the instructions in Viewing a VCR or Camcorder Tape to view your VCR tape. Each VCR has a different back panel configuration. When connecting a VCR, match the color of the connection terminal to the cable.

1. Unplug the cable or antenna from the back of the TV.
2. Connect the cable or antenna to the ANT IN terminal on the back of the VCR.
3. Connect an RF Cable between the ANT OUT terminal on the VCR and the ANT IN terminal on the TV.
4. Connect a Component Cable between the COMPONENT [Y, Pb, Pr] jacks on the DVD player and YPbPr jack on the TV.
5. Connect Audio Cables between the AUDIO OUT jacks on the VCR and the AUDIO L and AUDIO R jacks on the TV.

Note: 1. Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
2. When connecting an external device, match the color of the connection terminal to the cable.

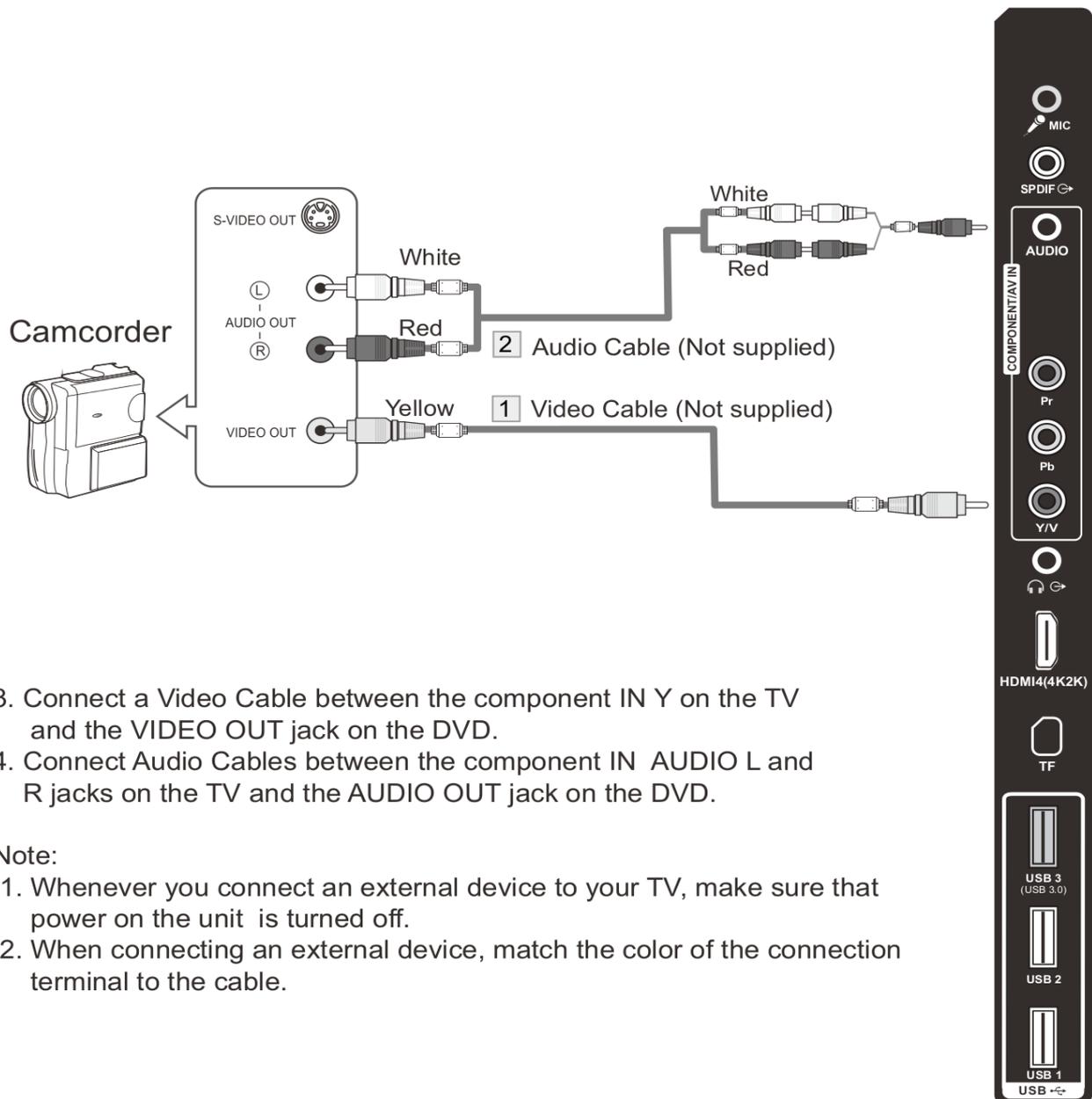
Connecting a Camcorder

The rear panel jacks on your TV make it easy to connect a camcorder to your TV. They allow you to view the camcorder tapes without using a VCR.

Each Camcorder has a different back panel configuration.

When connecting a Camcorder or DVD, match the color of the connection terminal to the cable.

1. Connect a Video Cable between the AV VIDEO jacks on the TV and the VIDEO OUT jack on the camcorder.
2. Connect Audio Cables between the AUDIO L and AUDIO R jacks on the TV and the AUDIO OUT jacks on the camcorder.



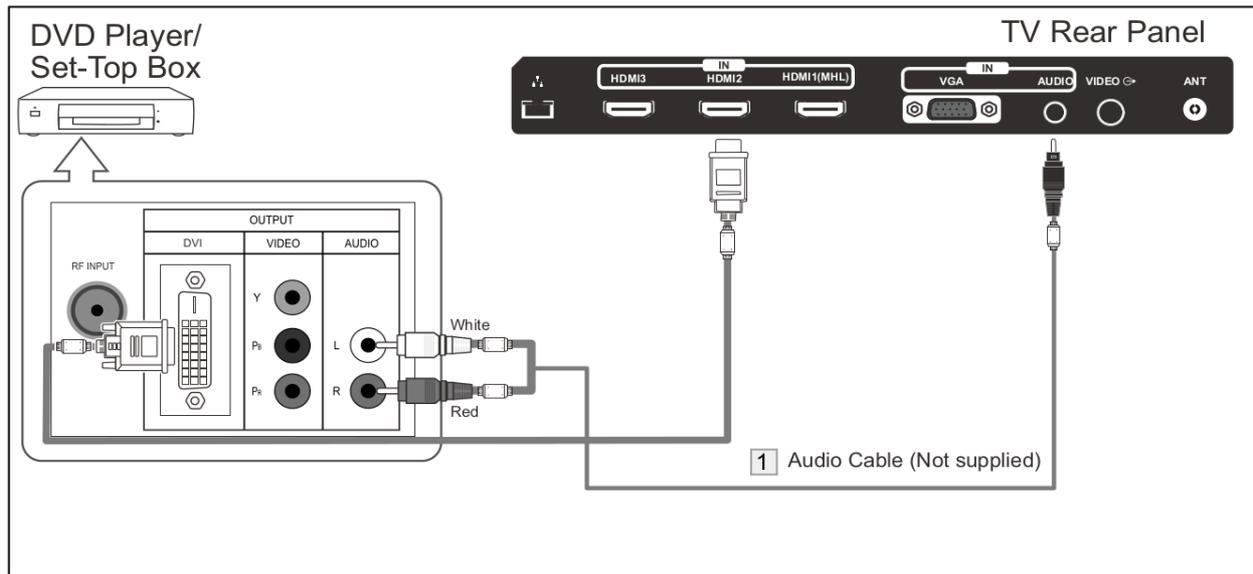
3. Connect a Video Cable between the component IN Y on the TV and the VIDEO OUT jack on the DVD.
4. Connect Audio Cables between the component IN AUDIO L and R jacks on the TV and the AUDIO OUT jack on the DVD.

Note:

1. Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
2. When connecting an external device, match the color of the connection terminal to the cable.

Connecting a DVD Player/Blu-Ray Player/Set-Top Box via DVI

This connection can only be made if there is a DVI Output connector on the external device.



Each DVD player/STB has a different back panel configuration.

When connecting a DVD player/STB, match the color of the connection terminal to the cable.

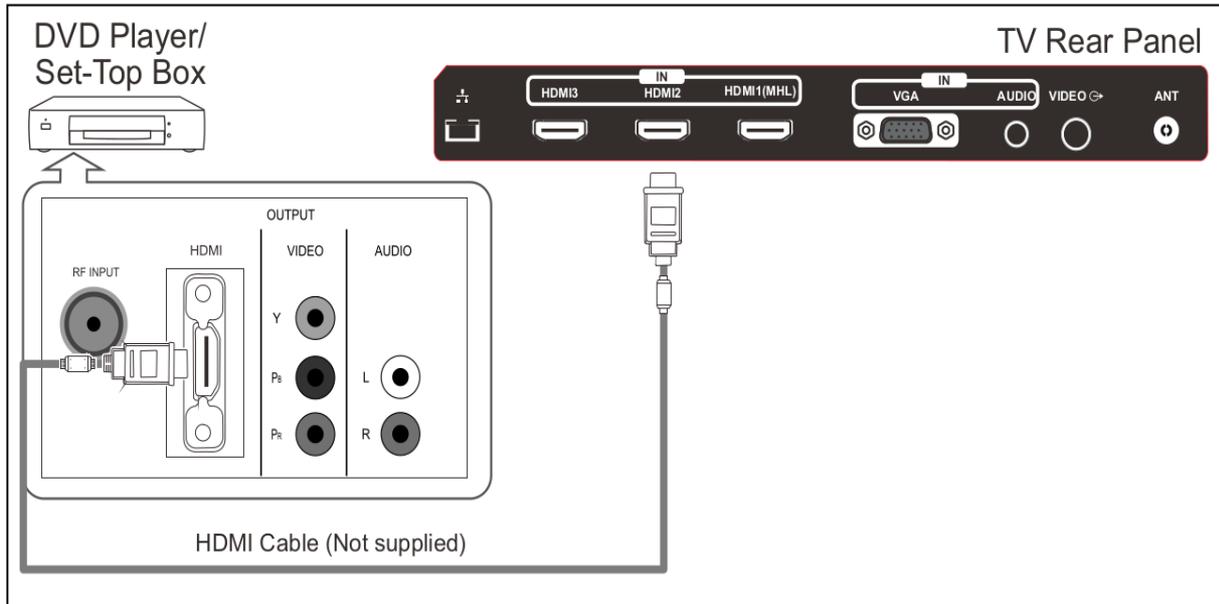
1. Connect Audio Cables between the PC AUDIO IN jack on the TV and the AUDIO OUT jacks on the DVD player/Set-Top Box.

Note:

1. Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
2. When connecting an external device, match the color of the connection terminal to the cable.

Connecting a DVD Player/Blu-Ray Player/Set-Top Box via HDMI

This connection can only be made if there is a HDMI Output connector on the external device.



What is HDMI?

HDMI, or high-definition multimedia interface, is a next-generation 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.

Each DVD player/STB has a different back panel configuration.

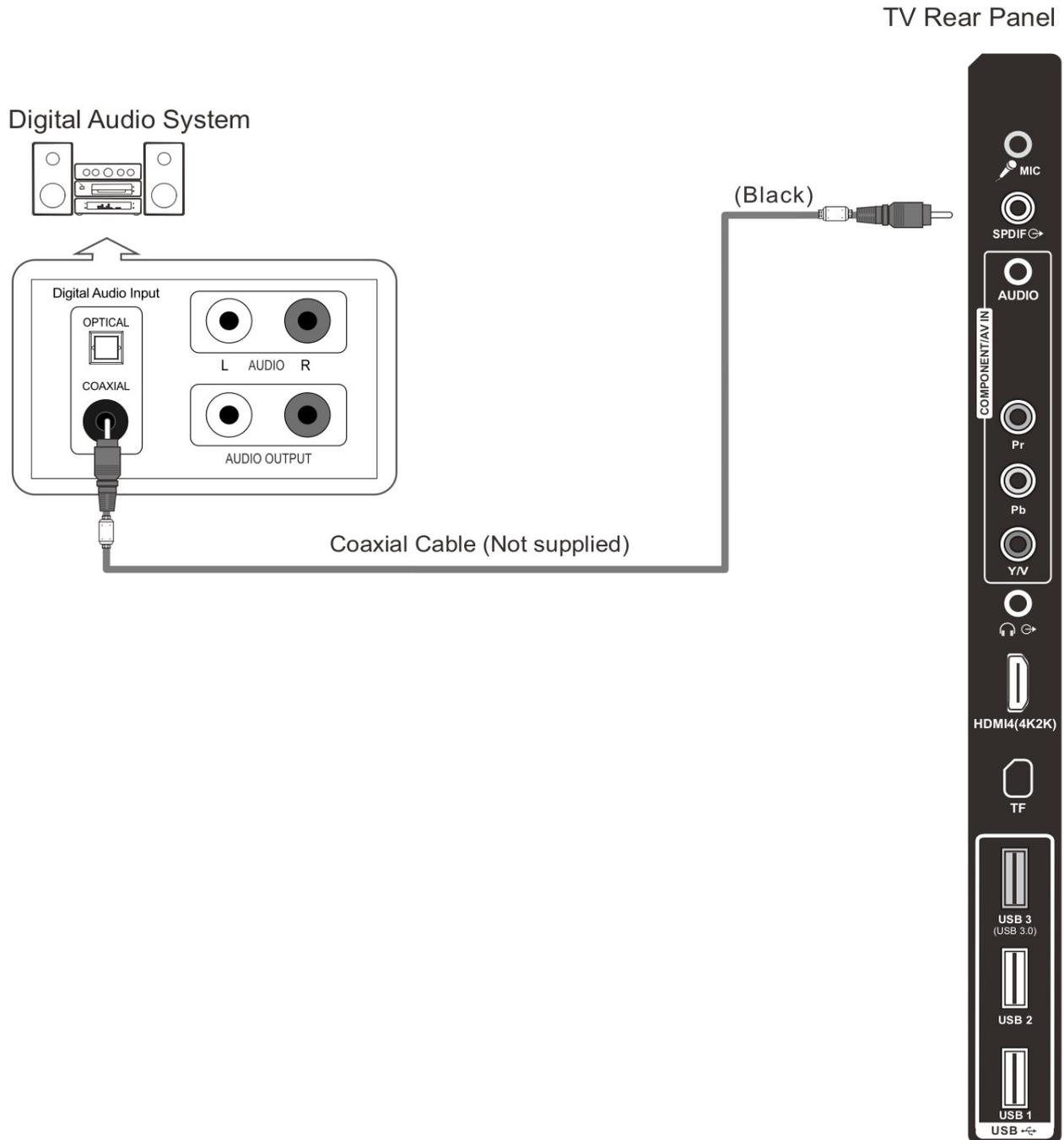
1. Connect an HDMI Cable between the HDMI1, HDMI2, HDMI3 or HDMI4 connector on the TV and the HDMI connector on the DVD player/Set-Top Box.

Note:

1. Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
2. When connecting an external device, match the color of the connection terminal to the cable.

Connecting a Digital Audio System

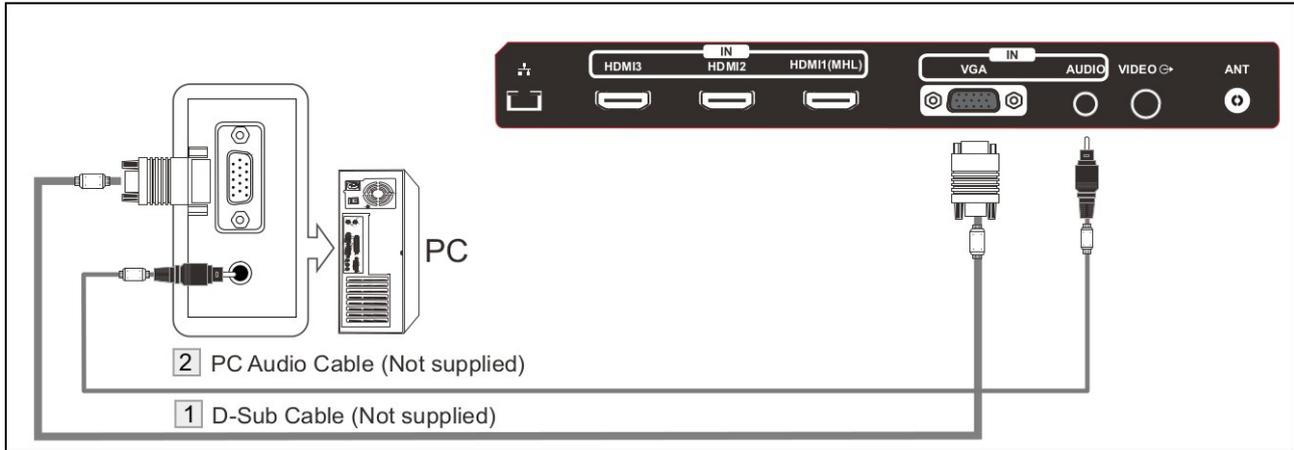
The rear panel jacks on your TV make it easy to connect a Digital Audio System to your TV.



5.1 CH audio is possible when the TV is connected to an external device supporting 5.1 CH.

1. Connect an Coaxial Cable between the SPDIF jacks on the TV and the Digital Audio Input jacks on the Digital Audio System. When a Digital Audio System is connected to the SPDIF terminal: Decrease the gain (volume) of the TV, and adjust the volume level with the Digital Audio System's volume control.

Connecting to PC



Each PC has a different back panel configuration.

1. Connect a D-Sub Cable between the VGA/PC IN connector on the TV and the PC output connector on your computer.
2. Connect a PC audio cable between the PC AUDIO IN jack on the TV and the Audio Out jack of the soundcard on your computer.

You should set the PC software before you connect a PC to your TV (please refer to “PC DISPLAY” settings)

Note: Whenever you connect an external device to your TV, make sure that the power on the unit is turned off.

When connecting an external device, match the colour of the connection terminal to the cable.

Supported Signals

Input	Mode
DTV	DVB-T
ATV	PAL BG I DK
	SECAM BG DK
CVBS	PAL/NTSC/SECAM

Input	Resolution		Vertical Frequency
PC/VGA	VGA	640 x 480	60Hz
	SVGA	800 x 600	60Hz
	XGA	1024 x 768	60Hz
		1280 x 1024	60Hz
	SXGA	1360 x 768	60Hz
		1920 x 1080	60Hz

Input	Resolution	Vertical Frequency
Component	480i	60Hz
	480P	60Hz
	576i	50Hz
	576P	50Hz
	720P	50Hz/60Hz
	1080i	50Hz/60Hz
	1080P	50Hz/60Hz
HDMI	480P	60Hz
	576P	50Hz
	720P	50Hz/60Hz
	1080i	50Hz/60Hz
	1080P	50Hz/60Hz
	2160P	24Hz/25Hz/30Hz

Assembling the Stand

If you need to remove or assemble the stand, please read the following:

- Before attaching/detaching the stand, be sure to turn the TV off.
- Before performing any work, spread cushioning out over the base area to lay the TV on. This will prevent it from being damaged.

Assembly Instructions

1. Fix the bracket at the stand with the three screws. (Fig. 1)
2. Assemble the stand to the back of the cabinet. Fasten the stand together using the two screws. (Fig. 2)
3. To detach the stand from the TV, please reverse these steps.

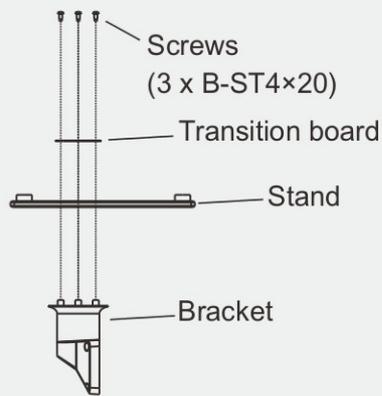


Figure 1

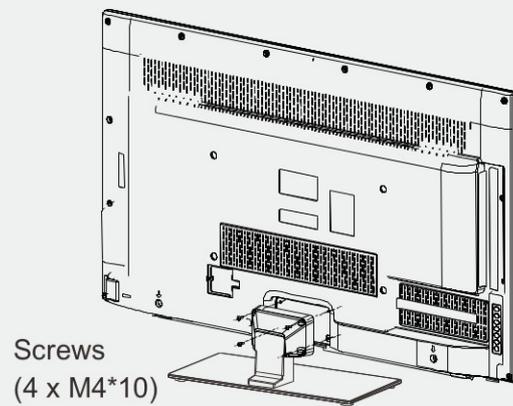


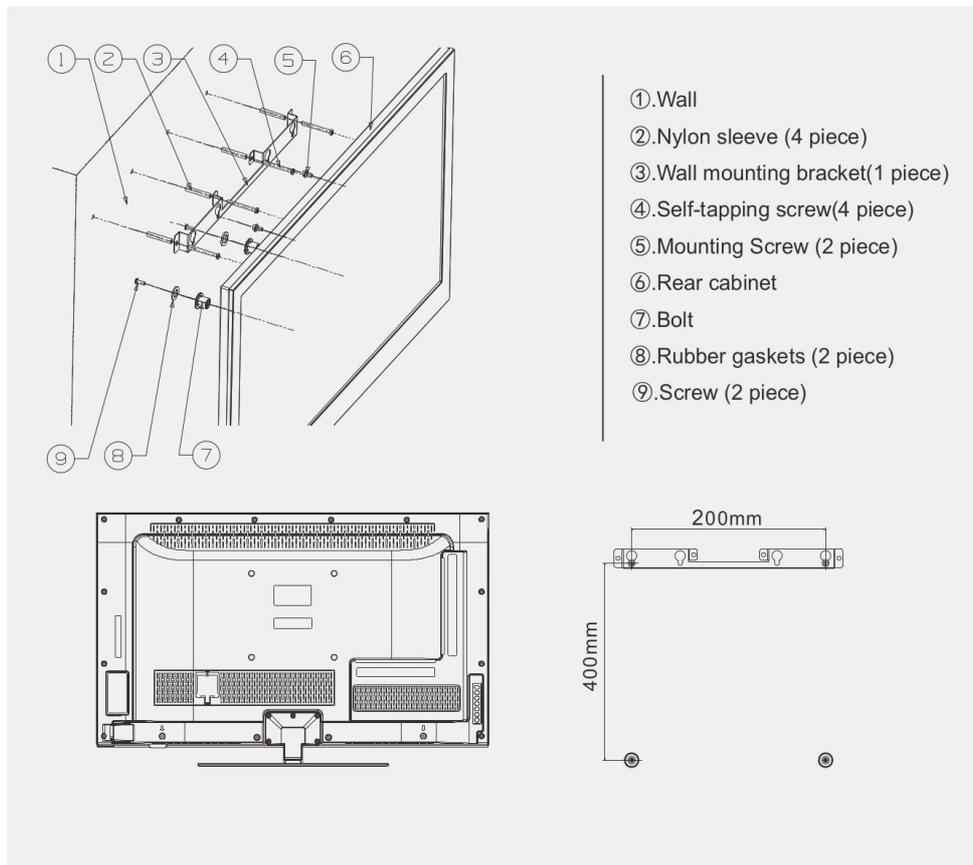
Figure 2



Wall Mounting Instructions

Your LED TV is able to accommodate wall mounting with the use of a wall mount bracket (not supplied with the LED TV) and the mounting holes on the back of the unit. We recommend removing the TV stand prior to wall mounting the TV.

1. Find the four mounting holes where you want to mount, according to the wall hanging bracket (3), then drill these four holes into the wall.
2. Drive Nylon sleeves (2) into the mounting holes on the wall.
3. Fasten the wall mounting bracket (3) onto the Nylon sleeves with self-tapping screws (4).
4. Fasten the screws (5) into the two screw holes on the rear of the cabinet.
5. Tighten the bolt (7) on the bottom of the rear cabinet with screws (9), then put rubber gaskets (8) on the bolt (7).
6. Lift the TV and hang it onto the wall.



NOTES

- Please confirm that your wall has the strength to withstand the weight of the TV.
- Be careful not to scratch the panel and TV cabinet when you fasten the screws to the TV.

Troubleshooting

If you have any problems with your television, please check the suggested solutions below, as these issues may be caused by improper adjustment/setup rather than a malfunction with the unit. If the problem persists, please contact the Kogan customer support team.

Problem	Possible Solution
Poor picture and sound quality	<ul style="list-style-type: none"> • Try a different channel • Adjust the antenna • Check all connections
No picture or sound in TV status	<ul style="list-style-type: none"> • Try another channel • Press the TV/AV button • Make sure TV is plugged in • Check the antenna connection
No sound, or sound is too low at maximum volume	<ul style="list-style-type: none"> • Check the volume settings on any external speakers connected to your television • Adjust the TV volume accordingly • Check that MUTE hasn't been turned on
No colour, wrong colour or tints	<ul style="list-style-type: none"> • Make sure the program itself is broadcast in colour • Select the picture menu, then adjust the colour and tint submenus
Picture rolls vertically	<ul style="list-style-type: none"> • Check all connections
Blurred or snowy picture, distorted sound	<ul style="list-style-type: none"> • Check direction, location and connections to your antenna • Issues may be caused by use of an indoor antenna
Remote control malfunctions	<ul style="list-style-type: none"> • Replace remote control batteries • Check battery terminals • Remote is out of range, move closer to TV • Confirm there is no obstructions between remote and TV • Make sure power cord is plugged in
Image is not centered on the screen	<ul style="list-style-type: none"> • Adjust the horizontal and vertical position

Product Layout

