

# RECKE

— Quality First —

**DVBT2<sup>®</sup> UHD 3D SMART**

**65"** LED TV

**C5100**

C Series

TVD65C5100T2



## USER MANUAL

RECKE INDUSTRIES LIMITED  
[www.reckestyle.com](http://www.reckestyle.com)



## THANK YOU FOR CHOOSING OUR PRODUCT!

Welcome to the Ultra HD Image World our 3D LED TV brings you to. We hope you are going to enjoy the brand new visual and audio quality!

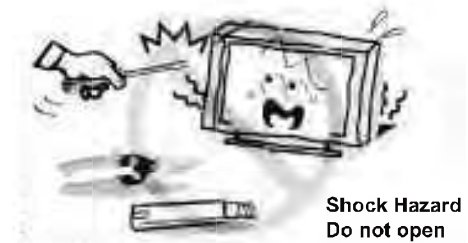
Operating instructions mentioned in the User Manual would help you to operate the TV easily. Please read this manual before operating the unit to learn its features and keep it for future reference.



## IMPORTANT SAFETY INSTRUCTIONS

### CAUTION

Risk of electric shock - do not open. Do not attempt to service this product yourself as opening or removing covers may expose you to high voltage or other hazards. Please refer to qualified service personnel in case of failure.



Do not expose this product to rain or moisture, for indoor use only. No dripping or splashing – no liquid contact.  
Do not place objects filled with liquids, such as vases, on the device.

In case of smoke, strange noise or strange smell from the unit:

- Turn off the power switch immediately;
- Disconnect the plug from the power outlet;
- Contact your dealer or service center.

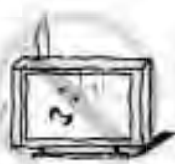
Never attempt to repair yourself as this could be dangerous;



Never push any objects into the TV through the cabinet slots as it might lead to short-circuit, fire or electric shock.

Do not spray any liquids near the TV set.  
The device is not suitable to be operated by children under 3-years.

Please make sure that power supply cords are routed safely. Damaged cord could lead to property damage or even life threat. It shall remain operable and should not be obstructed during intended use. Power plug is used to disconnect device - to completely disconnect the TV, unplug the cord. The appliance shall be connected to the socket outlet with a protective ground connection.



To avoid the fire, no naked flame sources, such as lighted candles, should be placed on the device.

An outside antenna system should not be located near high voltage power lines. The installation of an outside antenna system should be done extremely careful, as touching such power lines or circuits might be fatal.



Always turn the TV set off when it is not being used. Unplug the device from the power outlet when it will not be used for a long time. Unplug the unit from the power outlet immediately and avoid touching the antenna wire during the circuit.



Do not pull the plug out by the wire. Never touch the plug with wet hands.



Excessive sound pressure from earphones and headphones can cause hearing loss.

## INSTALLATION

The ventilation holes should not be covered by such items as newspapers, tablecloths, curtains, etc. At least 10 cm space should be left around the device for sufficient ventilation.



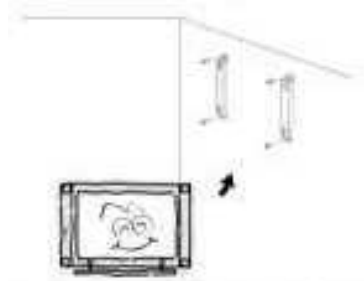
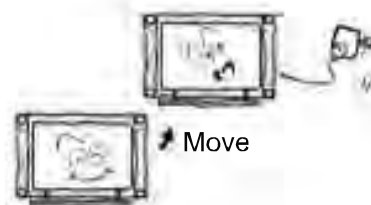
The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat. Place the TV in such a position that the screen is not exposed to direct sunlight. It is best to have soft indirect lighting while watching and avoid complete dark environment as the screen reflection may cause eye fatigue. Keep the product away from high magnetic field (i.e. power-amplified power speaker) to avoid affecting the tint.

Do not place the set on an unstable cart, stand, table or shelf. As the set may fall and cause serious personal injuries and damage to the product. Place the TV only on the cart, stand, tripod, bracket or table specified by the manufacturer, or sold together with the set. Move carefully. Quick stops, excessive force, and uneven surfaces may cause the appliance to overturn.



Do not place the set near water, for example, near a bathtub, washbowl, kitchen sink, laundry tub, wet basement, swimming pool and etc.;

When the TV is moved from cold to warm place, it needs some time (at least 1 hour) for condensation to evaporate fully before turning on the unit.



To prevent injury, the device must be securely attached to the wall in accordance with the installation instructions

## CLEANING

Unplug the TV set from a power outlet before cleaning.  
Use a damp cloth instead of liquid or aerosol cleaners.



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## INTRODUCTION

### FEATURES

- 65" TFT 4K UHD LED display screen
- Zero X radiation complies to green environment protection requirements
- Can be connected to PC and used as a monitor via VGA
- MHL 2.0
- Android 4.2 OS
- USB 3.0
- 16:9 Wide Screen
- Auto Tuning / Precise (Manual) Tuning
- HDMI input
- Component Compatibility (480i; 480P; 576i; 576P; 720P; 1080i; 1080P; 2160i; 2160P)
- Programmable sleep timer
- Wide range voltage input
- Automatic power off

### Input terminals for external equipment connection

|                           |                      |
|---------------------------|----------------------|
| 1 x ANTENNA jack          | 2 x HDMI inputs      |
| 3 x USB inputs            | 1 x MHL input        |
| 1 x SD-card slot          | 1 x Headphone output |
| 1 x AV input              | 1 x CVBS output      |
| 1 x SPDIF output          | 1 x COMPONENT input  |
| 1 x Computer PC-RGB input |                      |



## SPECIFICATIONS

|                        |               |                                                                                       |
|------------------------|---------------|---------------------------------------------------------------------------------------|
| Model                  |               | C5100 65" DVB-T2                                                                      |
| Display size           |               | 65" diagonal                                                                          |
| LED panel resolution   |               | 3840x2160                                                                             |
| Speaker output power   |               | ≥8Wx2                                                                                 |
| Power supply           |               | ~100-240V, 50/60Hz                                                                    |
| TV receive system      |               | Digital: DVB-T, DVB-T2, DVB-C<br>Analog: PAL: B/G, I, D/K,<br>SECAM: B/G, D/K         |
| Frequency range        |               | Digital: 5-12, 21-69<br>Analog:<br>DVB-T: 46.25MHz-855.25MHz<br>DVB-C: 52.5MHz-946MHz |
| Video in               |               | PAL/NTSC/SECAM                                                                        |
| Power consumption      |               | 200W                                                                                  |
| Standby consumption    |               | <0.5W                                                                                 |
| Antenna Input          |               | 75 ohms, unbalanced                                                                   |
| Controller power       |               | DC 3V (Two AAA size batteries)                                                        |
| Dimensions<br>(LxWxH)  | With stand    | 1463 x 366,8 x 932,0 mm                                                               |
|                        | Without stand | 1463 x 76.8 x 845.2 mm                                                                |
| Weight<br>(Net weight) | With stand    | 39.5Kg                                                                                |
|                        | Without stand | 35.9Kg                                                                                |
| Work Temperature       |               | 0°C-40°C                                                                              |

### Note:

1. Weight marked in this user manual or on packaging box are subject to change without notice.
2. Design changes can be applied without prior notice.

## INSTALLATION

### STAND AND WALL MOUNTING INSTRUCTIONS

#### How to assemble the stand

If you need to remove or assemble the stand please read the following instructions.

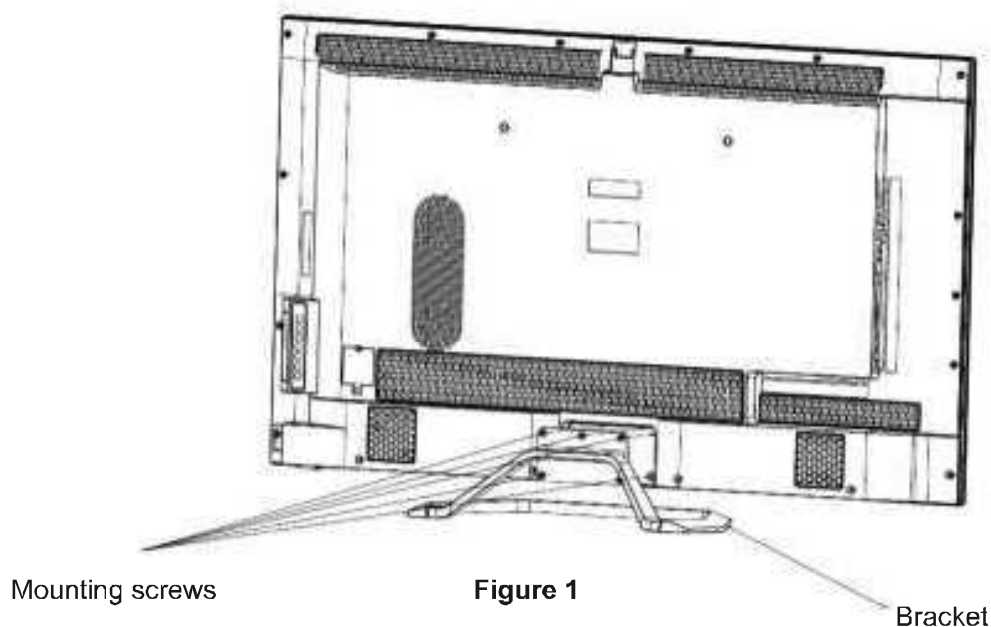
- Before attaching/detaching the stand, make sure the TV is turned off.
- Before performing work, spread cushioning over the base area to lay the LED TV on.

This will prevent the set from being damaged.

#### Assembling instructions:

- 1) Fix the bracket and the stand with four screws (Figure 1);
- 2) Put the television on the table, fix the stand and the unit with screws given in the carton (Figure 2);

To disconnect the stand from the TV, perform the above steps in reverse order.

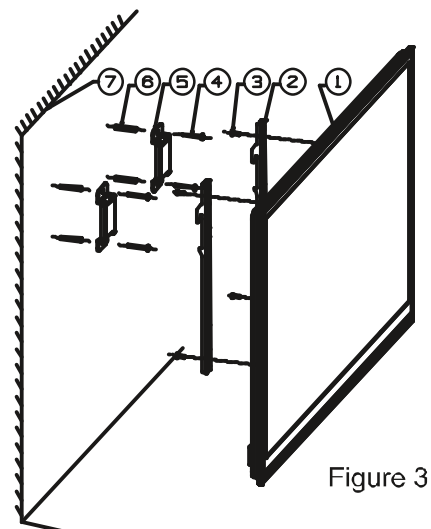
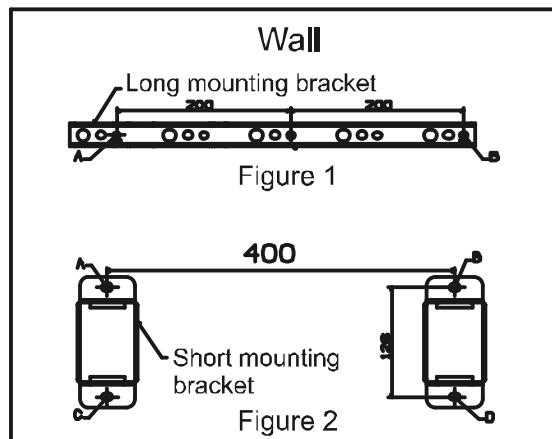


## Wall mounting instructions (Optional)

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

### Assembling instructions:

1. Please ensure the distance of wall-mounting holes are 200mm or 400mm on the back cabinet before you mounting your TV on the wall;
2. Mark the horizontal distance of 4 screw holes with pencil on the wall by using the bracket as a ruler (Figure 1);
3. Drill the holes at the marked positions on the wall;
4. Put nylon sleeves (6) into the screw holes;
5. Fasten short wall-mounting brackets (5) on the nylon sleeves with self-tapping screws (4) on the wall;
6. Fasten long wall-mounting brackets (2) with screws (3) into the screw holes on the rear cabinet of the TV. Place the long wall-mounting end with hook upper (Figure 3);
7. Lift the TV (1) and hang it on the wall (7), team lifting is recommended;



1. LED TV
2. Long wall mounting bracket
3. Wall mounting screw
4. Self-tapping screw

5. Short wall mounting bracket
6. Nylon sleeve
7. Wall

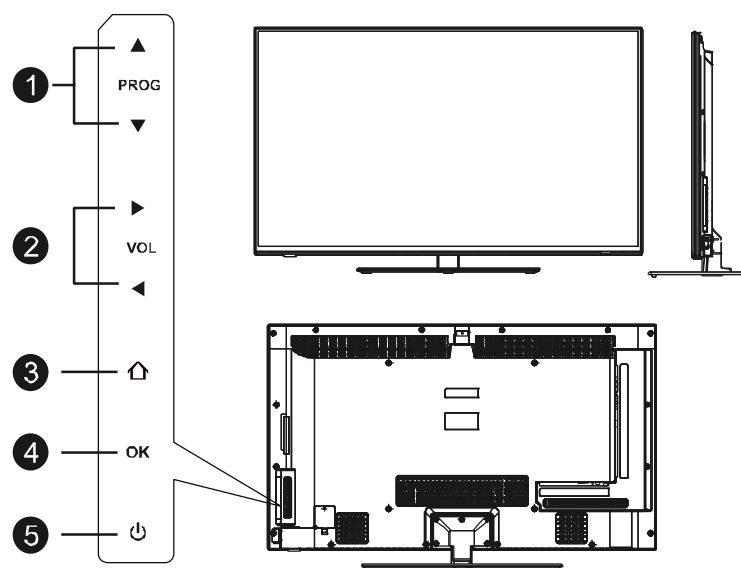
### Note:

1. Please make sure that the wall can handle the weight of the TV set.
2. To avoid damaging the surface, please fasten the screws carefully.

## BASIC OVERVIEW

### OVERVIEW OF FRONT AND SIDE PANELS

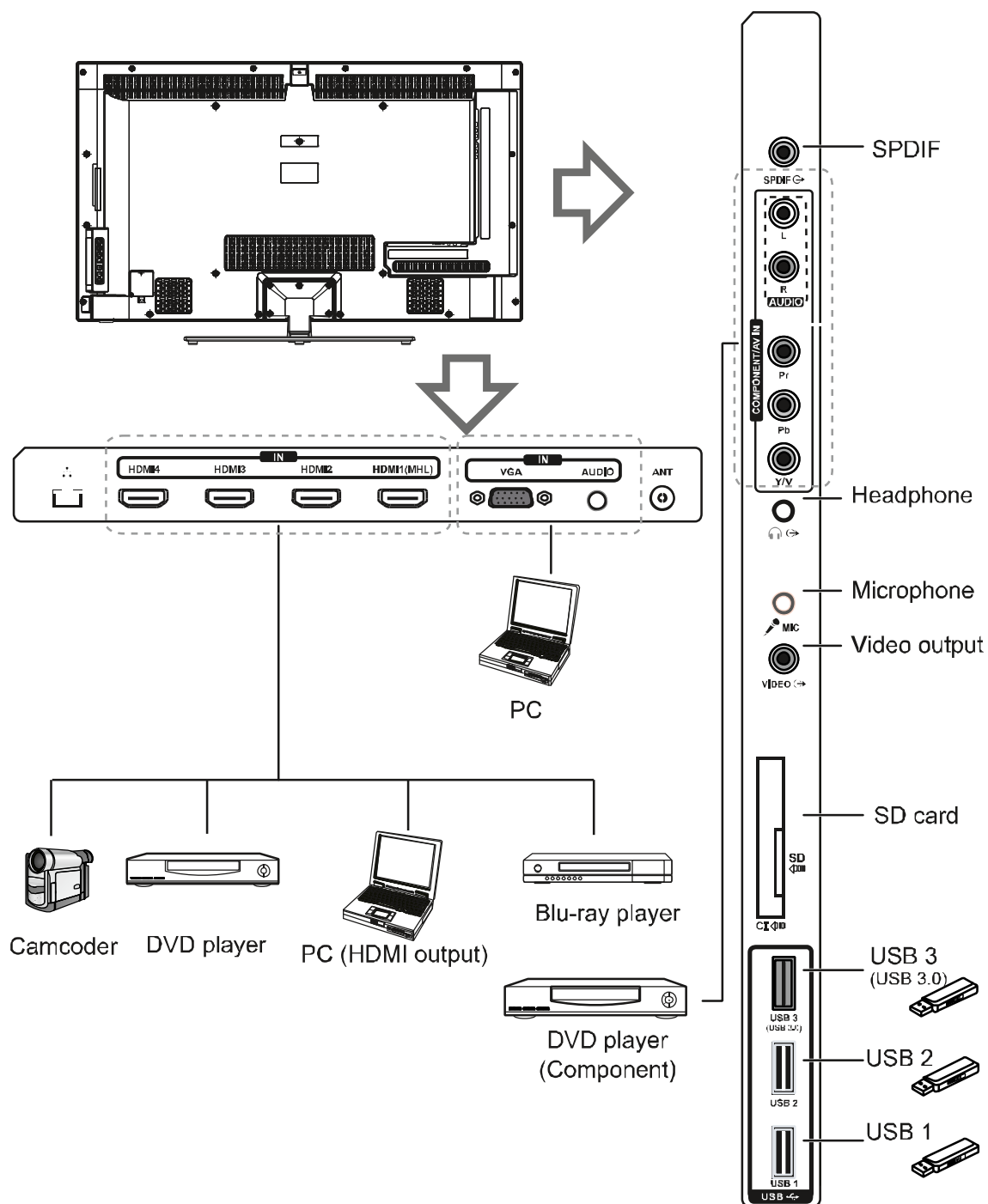
The buttons on the lower-left panel control TV's basic features, for ex. on-screen menu. Use the remote control for more advanced features.



- |                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| <b>1</b> PROG ▲/▼ | Press to switch between TV programs. Can also be used ▲/▼ navigation buttons          |
| <hr/>             |                                                                                       |
| <b>2</b> VOL ◀/▶  | Press to increase or decrease the volume. Can also be used as ◀/▶ navigation buttons. |
| <hr/>             |                                                                                       |
| <b>3</b> HOME ⬆   | Press to return to Home menu or enter certain source from Home menu.                  |
| <hr/>             |                                                                                       |
| <b>4</b> OK       | Press to confirm your selection.                                                      |
| <hr/>             |                                                                                       |
| <b>5</b> POWER ⏻  | Press to toggle between Power-on and Standby modes.                                   |

## OVERVIEW OF BACK PANEL

You can connect the TV with video devices such as DVD/VCD player, VCR and video camera.



## OVERVIEW OF REMOTE CONTROL

**POWER** - Press it to switch to stand by mode, and press it again to turn the TV on.

**3D** - Press to open 3D menu.

**MUTE** - Press this button to shut off the TV sound, press again to restore.

**0-9** - Press to enter the desired channel number.

**(dot)** - Press to enter a dot in URL and e-mail addresses, decimal numbers etc..

**RETURN** - Press this button to switch to the previous program.

**VOL+/-** - Press these buttons to adjust TV volume.

**INFO** - Press the button to start the "Current Service Banner" application that provides information about the current service. While in USB source mode, the button toggles video information.

**TV** - Press to switch to DTV mode.

**CH +/-** - Press these buttons to change channel upward or downward. These buttons are also used to display the next page and previous page in the teletext.

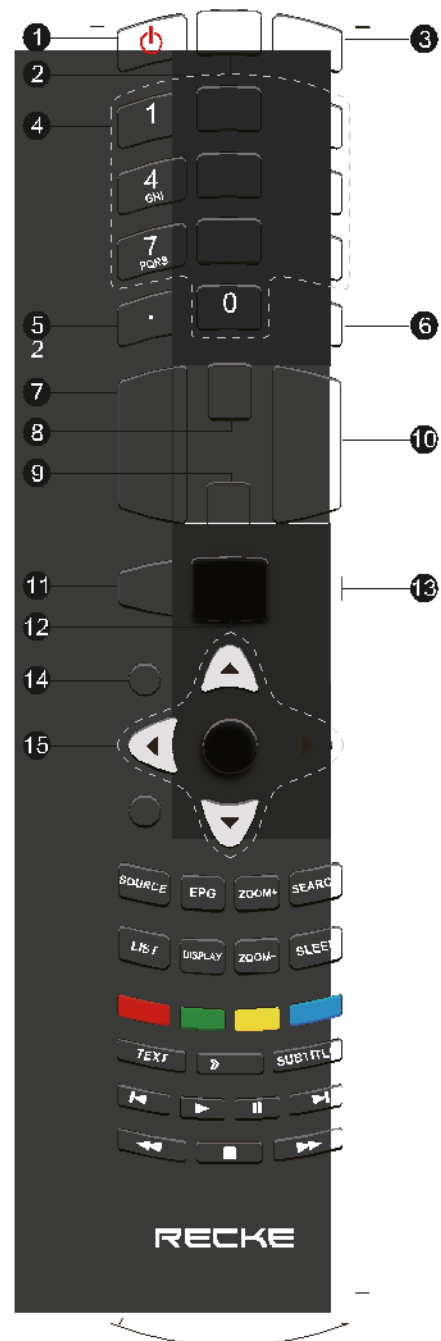
**APP STORE** - Press to enter the APP STORE.

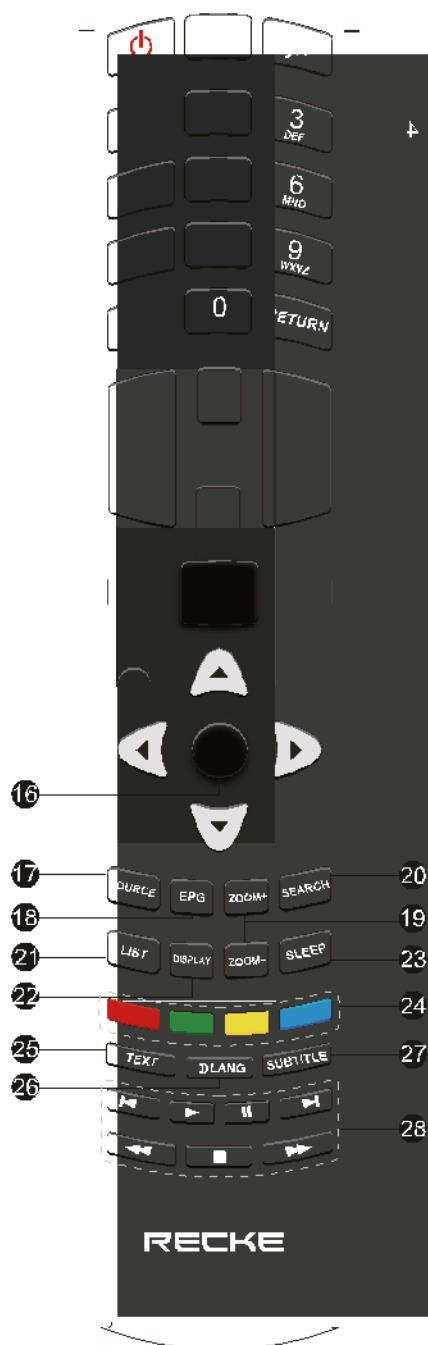
**HOME** - Press to return to Home menu or enter certain source from Home menu.

**ALL APPS** - Press to open apps menu.

**MENU** - Press this button to toggle the main menu. When you are in the submenu, you can press it to return the main menu.

**ARROW BUTTONS** - Press these buttons to move cursor up/down/left/right in menu.





**OK** - Press to select the feature in the main menu and submenus (confirmation button).

**SOURCE** - Press this button to switch among different sources: DTV, ATV, AV Component, PC, HDMI1, HDMI2, USB1, USB2. Select a source and press OK button to confirm.

**EPG** - Press to start EPG application in DTV source mode.

**ZOOM +/-** - Press this button to switch the screen mode.

**SEARCH** - Press to toggle the channel search page.

**LIST** - Press the button to show channel list.

**DISPLAY** - Press to toggle the information of the current program.

**SLEEP** - Press to switch off the TV at preset sleep time. Use your remote control to set the sleep timer. Press SLEEP button on the remote control, and then press this button multiple times to set the sleep timer: off, 10, 20, 30, 60, 90, 120, 180, 240 min. Press MENU button to exit when you have set the sleep timer. After setting the sleep timer, press SLEEP button again to the remaining time. (Notes: Once the TV is turned off, the SLEEP timer would be reset).

**Red/Green/Yellow/Blue** - press these four buttons to choose menu/page they are linked to.

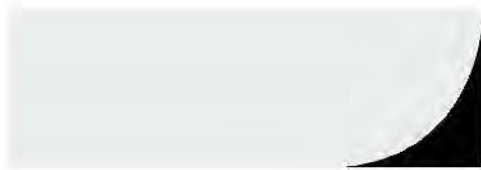
**TEXT** - press to toggle the teletext. For more details, please refer to "Teletext" on the next page.

**LANG** - Press to set NICAM sound system in ATV source mode; to set the audio language in DTV source mode; to switch language soundtrack (video) in USB source mode.

**SUBTITLE** - Press to toggle and select an available language for selected DTV program.

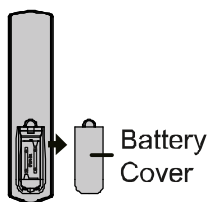
**PLAYER BUTTONS** - Press these buttons to play/pause/stop or fast-forward/fast-backward the audio/video (not available in DTV mode).

## TELETEXT



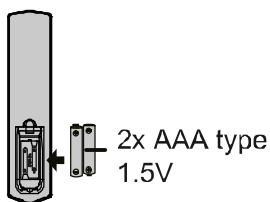


## INSTALLING BATTERIES IN THE REMOTE CONTROL



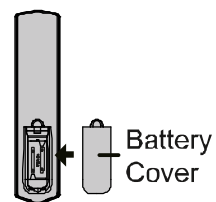
1

Open the battery compartment cover on the back side.



2

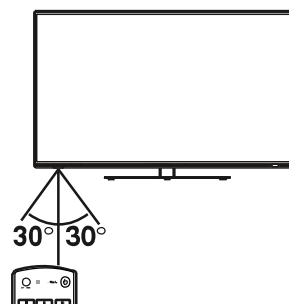
Insert two 1.5V AAA type batteries in correct polarity. Don't mix old or used batteries with new ones.



3

Close the cover.

- Point the remote towards the remote control sensor of the TV and use it within 8 meters.
- Put the used batteries into the recycling bin since they can negatively affect the environment.



### Note:

- One load of batteries should last for 1 year under normal use.
- If you do not intend to use the remote controller for a long period of time, remove them to avoid damage due to leakage.
- Do not use old and new batteries together.
- The batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire and etc.

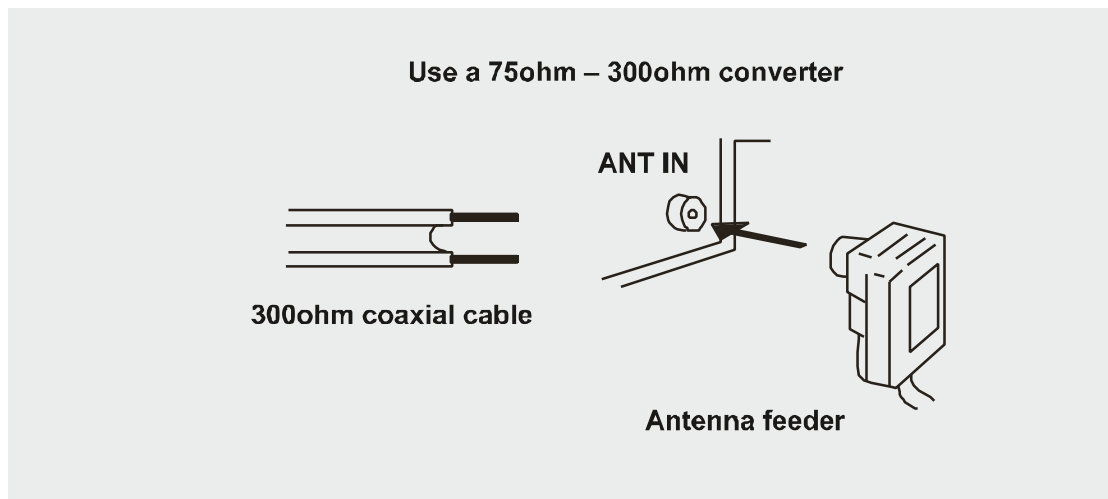
## EXTERNAL CONNECTION

### ANTENNA CONNECTION

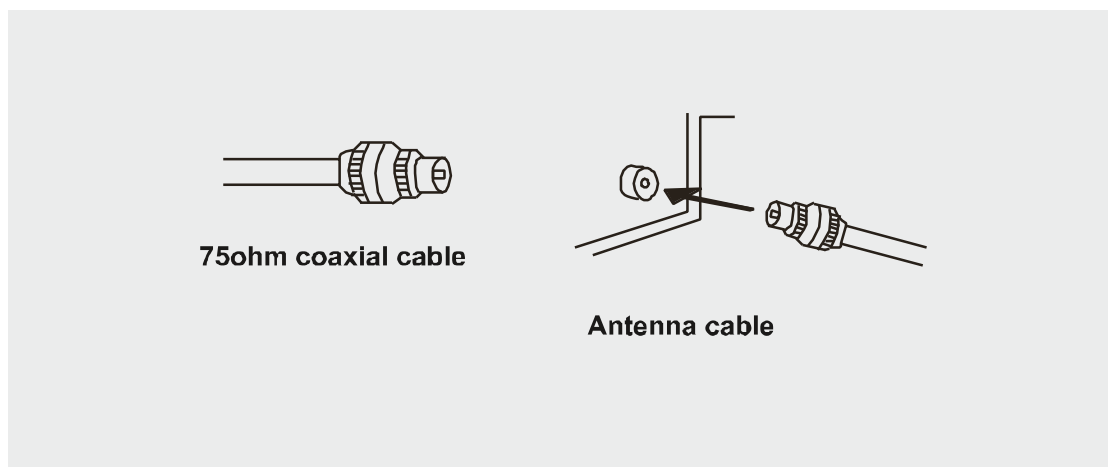
Antenna input impedance of this unit is 75ohm. VHF/UHF 75ohm coaxial cable can be connected to the antenna jack directly, if the antenna cable is 300ohm parallel lat feeder cable, you need to use the 300ohm/75ohm converter to connect the antenna cable to the antenna jack.

For details please refer to the following picture.

#### Antennas with 300 $\Omega$ lat twins Leads

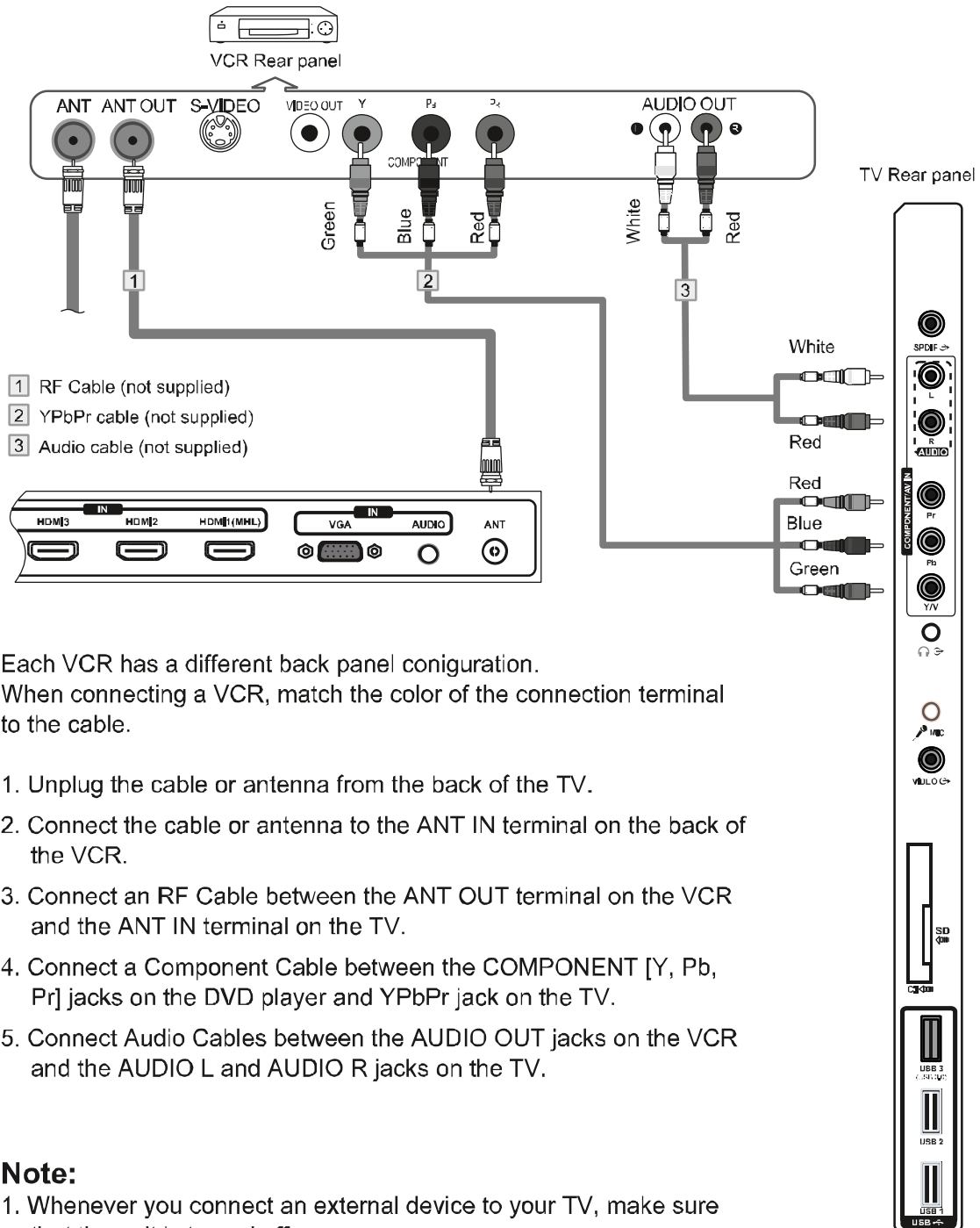


#### Antennas with 75 $\Omega$ Round Leads



## 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.



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:

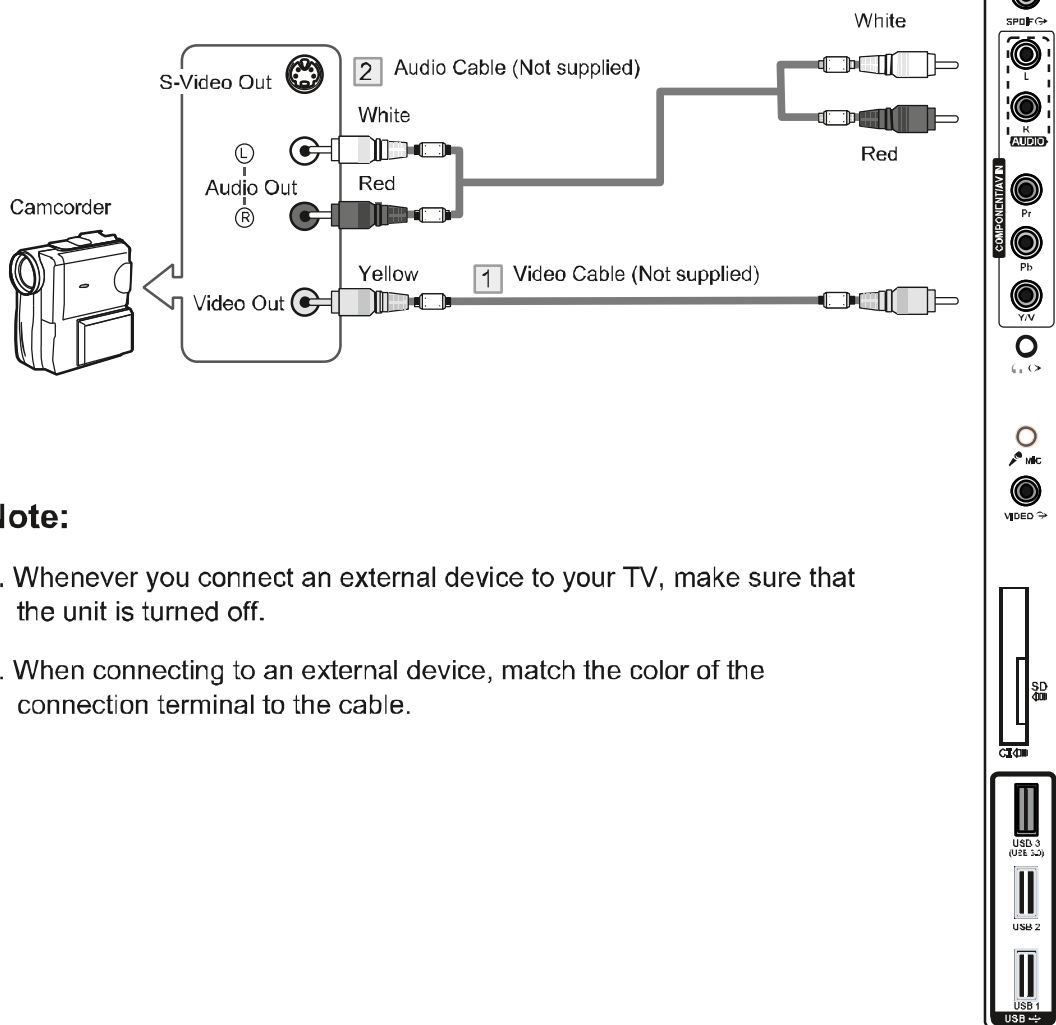
1. Whenever you connect an external device to your TV, make sure that the unit is turned off.
2. When connecting an external device, match the color of the connection terminal to the cable.

## 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, 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.

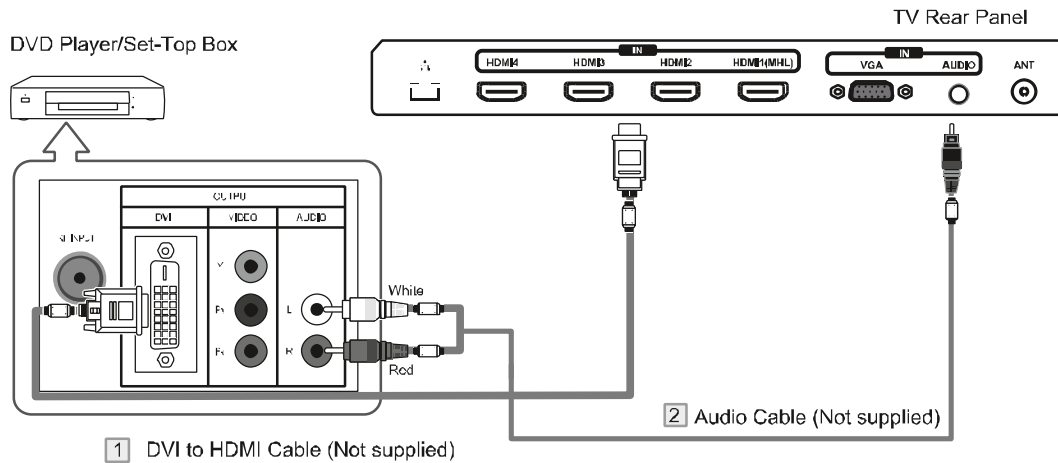


### Note:

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

## CONNECTING A DVD 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.

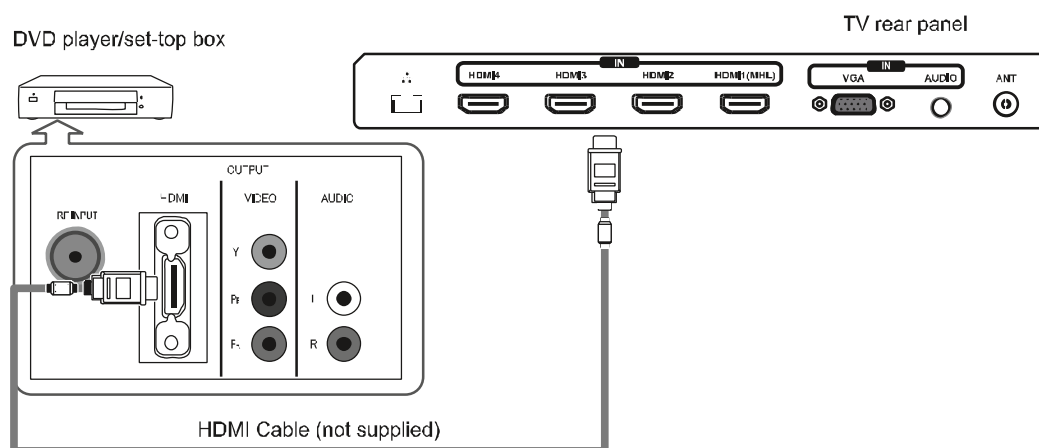
1. Connect the DVI-HDMI cable to the TV (HDMI side) and to the DVD player/set-top box (DVI side).
2. Connect Audio Cables between the PC AUDIO IN jack on the TV and the AUDIO OUT jacks on the DVD player/Set-Top Box.

### Note:

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

## CONNECTING DVD 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.

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 (5.1 channel).

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

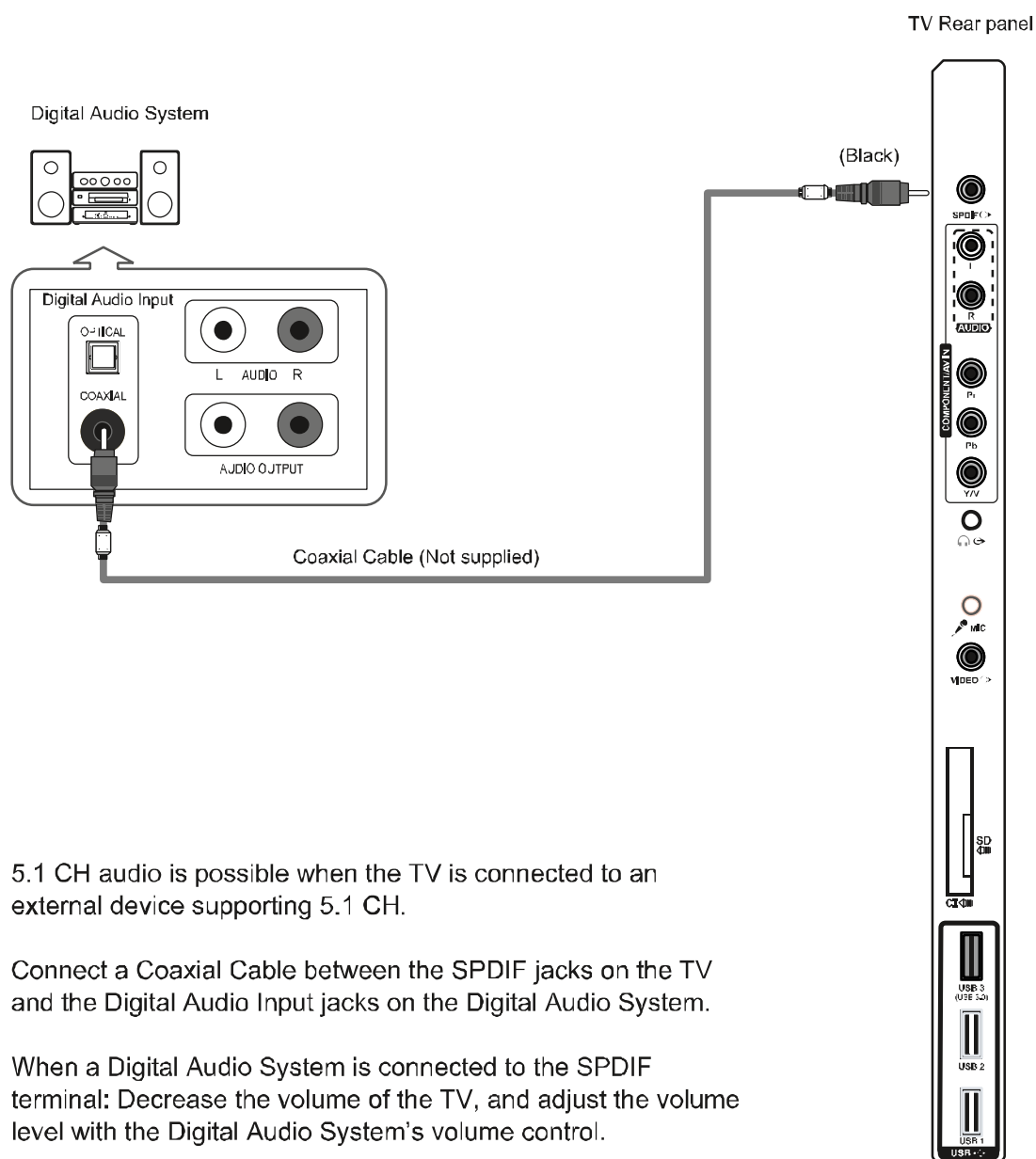
Connect an HDMI Cable between the HDMI1, HDMI2, HDMI3 or HDMI4 connector on the TV and the HDMI connector on the DVD player/Set-Top Box.

### Note:

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

## CONNECTING DIGITAL AUDIO SYSTEM

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

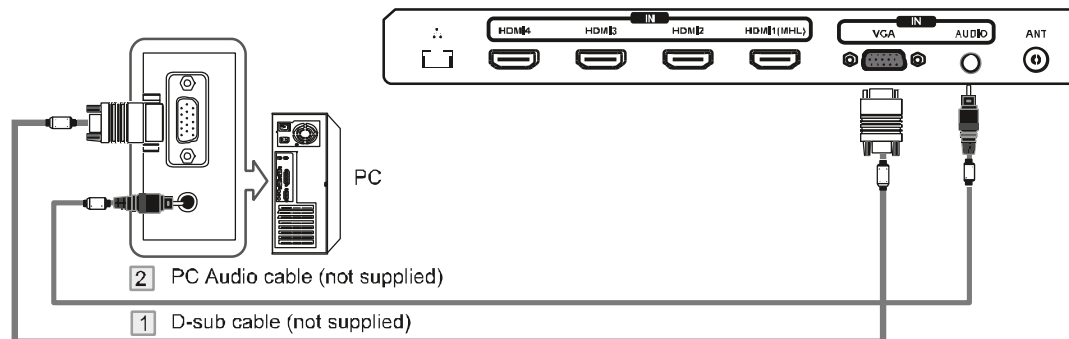


5.1 CH audio is possible when the TV is connected to an external device supporting 5.1 CH.

Connect a 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 volume of the TV, and adjust the volume level with the Digital Audio System's volume control.

## CONNECTING A PC



Each PC has a different back panel configuration.

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

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

### Note:

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

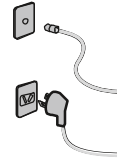


## SUPPORTING SIGNALS

| Input     | Resolution |           | Vertical Frequency |
|-----------|------------|-----------|--------------------|
| PC/VGA    | VGA        | 640x480   | 60Hz               |
|           |            |           | 75Hz               |
|           | SVGA       | 800x600   | 60Hz               |
|           |            |           | 75Hz               |
|           | XGA        | 1024x768  | 60Hz               |
|           |            |           | 75Hz               |
|           | SXGA       | 1280x1024 | 60Hz               |
|           |            | 1360x768  | 60Hz               |
| Component | 480i       |           | 60Hz               |
|           | 480p       |           | 60Hz               |
|           | 576i       |           | 50Hz               |
|           | 576p       |           | 50Hz               |
|           | 720p       |           | 50Hz/60Hz          |
|           | 1080i      |           | 50Hz/60Hz          |
|           | 1080p      |           | 50Hz/60Hz          |
|           | 2160i      |           | 50Hz/60Hz          |
|           | 2160p      |           | 50Hz/60Hz          |
| HDMI      | 480p       |           | 60Hz               |
|           | 576p       |           | 50Hz               |
|           | 720p       |           | 50Hz/60Hz          |
|           | 1080i      |           | 50Hz/60Hz          |
|           | 1080p      |           | 50Hz/60Hz          |
|           | 2160i      |           | 50Hz/60Hz          |
|           | 2160p      |           | 50Hz/60Hz          |
| DVI-HDMI  | 640x480    |           | 60Hz               |
|           | 800X600    |           | 60Hz               |
|           | 1024X768   |           | 60Hz               |
|           | 1280X1024  |           | 60Hz               |

## HOW TO TURN THE TV ON OR OFF

1. Insert the power plug into an AC outlet.
2. If TV is in standby mode, press POWER button on the remote control or button on the bottom panel of LED TV.
3. Picture will be displayed on the screen after 15 seconds. If there is no signal input, "No Signal" will be displayed on the screen.
4. If temporary POWER off is required, press POWER button on the remote control or button on the bottom panel.
5. If you want to switch off the unit completely - unplug the unit from the outlet.
6. After switching off the unit, you should wait at least 5 seconds before switching it on again.



### **Status indication lamp:**

Red: In standby mode.

Green: In power on mode.

### **Auto power-off**

If there is no signal, the TV will automatically enter standby mode after 10 minutes. See "Sleep Timer" for more details.

### **TV off memory**

The picture and sound settings and preset channels will be memorized at the point when the TV is turned off. When the TV is started up again it will work accordingly with these settings.

## MENU SYSTEM INSTRUCTIONS

### MAIN INTERFACE

You will enter the main menu directly after the TV is turned on.



**Arrow buttons:** Select menu and the selected menu's background will be orange.

**OK button:** Enter the options which you've selected.

**INPUT button:** by pressing the button you will open Sources Menu, please choose the desired source and press OK to select it.

Default icons from left to right function as the following:

- |                       |                 |
|-----------------------|-----------------|
| 1. Add to home screen | 5. Setting      |
| 2. All apps           | 6. Mass storage |
| 3. Change wallpaper   | 7. Wired        |
| 4. Search             |                 |

#### Note:

1. The first area as the photo shown will display the current video images or a snowlake when there is no signal.
2. The second area shows some small desktop plug-ins, select one and press the OK button to enter the desired application program.
3. The third area is the shortcut menu, select one and press the OK button to enter the desired shortcut options.

## MENU OPERATION

### Applications of the TV

Application menu shows all those applications which were preset on the TV and those which you've downloaded.



**Menu Button:** Open or Close the apps menu

**Exit Button:** Return to the main menu

**Arrow Buttons:** Select the application

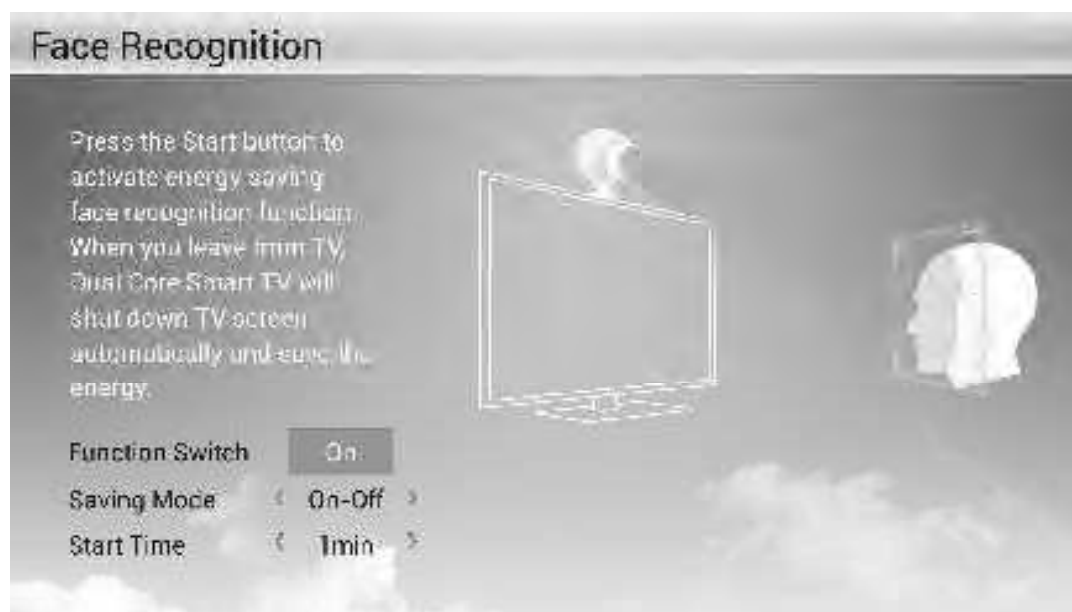
**OK Button:** Enter the selected application

#### **Note:**

When there are more than one page of applications ◀/▶ buttons can be used to flip the page up/down.

### Camera

After connected the camera to your Smart TV, users can use it to take photos or video. In addition, It also can be used for other functions, such as face recognition.



Press (кнопки влево/вправо) buttons to activate/deactivate face recognition function.  
When you leave, TV will enter energy saving mode (On/Off or Only-Listen) after the specific time.

Saving Mode: On-Off, Only-Listen.

Start Time: You can choose the time to start face recognition: 5 s, 30 s, 1 min, 5 min, 10 min

## TV MENU



**Menu button:** Open the TV menu.

**Exit button:** Close the TV menu.

**Arrow buttons:** Select the application

**OK button:** Enter the selected application settings menu.

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

## SOUND



### Sound Mode

You can select the type of special sound settings to be used according to the given 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 (no changes).
- **Music:** Select the sound mode optimized for music.
- **Movie:** Provides alive and full sound for movies.
- **Sports:** Emphasizes 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.

| Equalizer |  |    |
|-----------|--|----|
| 120Hz     |  | 30 |
| 500Hz     |  | 57 |
| 1.5KHz    |  | 57 |
| 5KHz      |  | 50 |
| 10KHz     |  | 50 |

## Balance

If the volumes of the left speaker and the right speaker are not equal, 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 broadcasting station has its own signal conditions, and it might be 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

It is used to gain better sound effect.

1. Press ▲/▼ key to select “Surround sound” option.
2. Press ◀/▶ key to select “On” or “Off”.

## SPDIF Mode

This is used to select “SPDIF Mode”. This option is only used in HDMI/DTV modes.

1. Press ▲/▼ key to select “SPDIF Mode” option.
2. Press ◀/▶ key to select “RAW” or “PCM”.

**Note:** SPDIF – digital audio output.

RAW – transfers encoded digital data via digital interface.

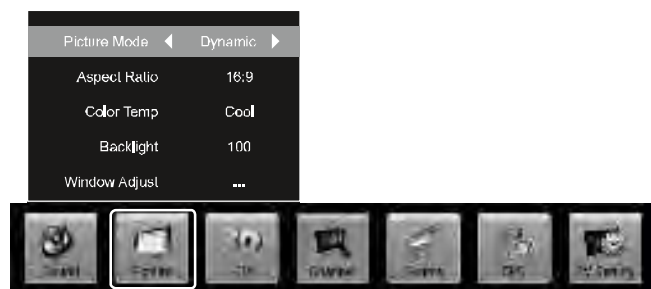
PCM – transfers decoded signal.

## HDMI Sound

This option is only used in HDMI mode. (Sound is transferred by HDMI interface)

1. Press ▲/▼ key to select “HDMI Sound” option.
2. Press ◀/▶ key to select HDMI Sound mode, HDMI or VGA.

## IMAGE



## Picture Mode

Your TV has five picture settings (Standard, Soft, Vivid, User and Dynamic) that are preset by default.

Only “User” mode can be set to your preference by adjusting particular items such as Contrast, Brightness, Color, Sharpness and Tint.

1. Press ▲/▼ key to select “Picture Mode” option.
2. Press ◀/▶ key to select one picture mode.

## Aspect ratio

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

1. Press ▲/▼ key to select “Aspect Ratio” option.
2. Press ◀/▶ key to set the scale mode.

You can also press “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

## Adjusting the Backlight

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

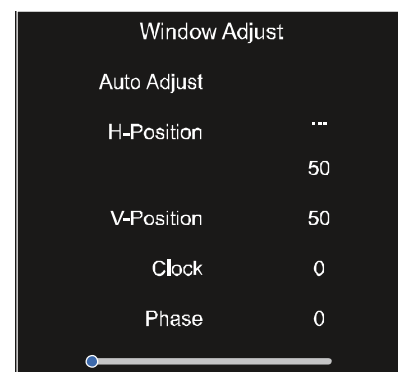
1. Press ▲/▼ key to select “Backlight” option.
2. Press ◀/▶ key to select one backlight mode.

Backlight Adjusts the brightness of the whole screen.

## 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

### Antenna Type

1. Press ▲/▼ key to select “Antenna Type” option.
2. Press ▲/▼ key to select the type of antenna:  
DVB-T, DVB-C.



### Auto Search

Press ▲/▼ key to select “Auto Search” option. Then press OK key to start a notice window. There 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”, When the searching of DTV channels is over, TV will start to search ATV channels. 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.



**Note:** If you want to exit the searching, you can press EXIT button.

## Electronic Program Guide (Used only in DTV)

1. Press ▲/▼ key to select “EPG” option.
2. Press “OK” key to enter EPG submenu.

**Note:** The details operation please see the page 43.

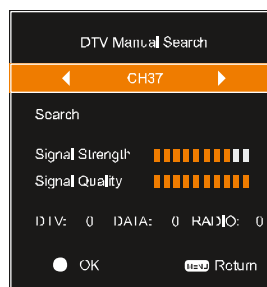
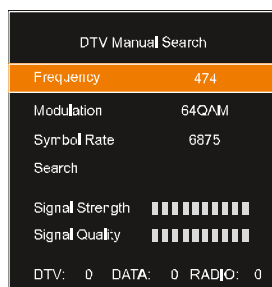
## ATV Manual Search

In the ATV/DTV source, you can choose “ATV Manual Search” to enter “ATV Manual Search” menu.

- **Current CH:** You can see the current channel number and you can press ◀/▶ button to choose the channel you want to modify.
- **Color System:** Select the “Color System” option, press ◀/▶ on the remote control or TV. The color system will be changed repeatedly in the order.  
PAL → SECAM → AUTO → NTSC
- **Sound System:** Select the “Sound System” option, press ◀/▶ on the remote control or TV. The sound system will be changed repeatedly in the below order.  
BG → DK → I → L → M
- **Search:** you can use ◀ button to search channels from low frequency to high frequency and use ▶ button to search channels from high frequency to low frequency. When you have searched a channel, the searching will be paused and you can press it again for other channels after you save the channel.
- **Fine Tune:** In case if TV program image or sound quality is unsatisfactory, you can use manual “Fine Tune”.
- **Skip:** Select “Skip” option, “be changed” on the remote control or TV to switch, select “ON” to skip current program, select “OFF” to add the program into the program list.
- **Frequency:** You can see the frequency of the searched channels.

## DTV Manual Search

In the ATV/DTV source, you can choose “DTV Manual Search” to enter “DTV Manual Search” menu. If the Antenna Type is DVB-C, you can use ◀/▶ button or input number to choose the Frequency. If the Antenna Type is DVB-T, you can use ◀/▶ button or input number to choose the channel. Then press OK button to search, 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 color button on the remote control to skip, delete and move programs, also you can press FAV button to add to your favorite list.



## Signal Information (Used only in DTV)

1. Press ▲/▼ key to select “Signal Information” option.
2. Press “Ok” or ► key to see the 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. So, unlike analogue channels, you are not able to 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.

## INPUT SOURCE

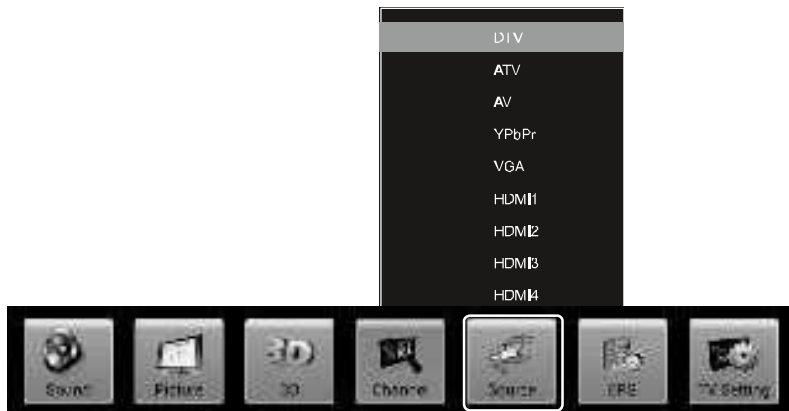
There are two ways to select input source.

### 1. Input Setup

Press **INPUT** key on the remote control to enter "INPUT SOURCE" menu. Select one of the following options: DTV, ATV, AV, YPbPr, VGA, HDMI1, HDMI2, HDMI3 or HDMI4. Use ◀/▶ key to move the cursor to the input you desired and press **OK** key to confirm.



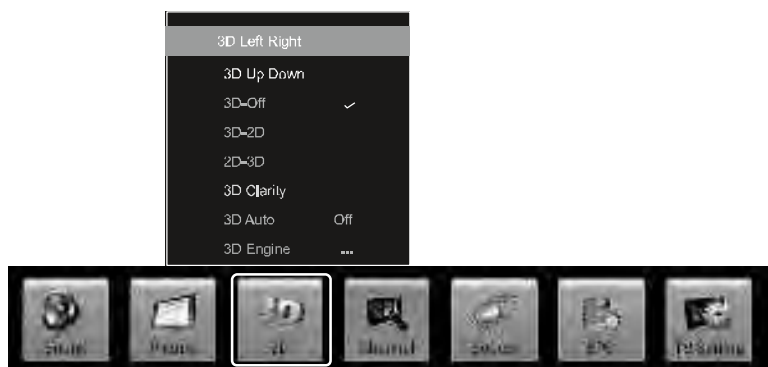
### 2. Input Source menu



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.

## 3D SETTINGS

Here you can switch on or off 3D mode / 3D engine and adjust settings.



1. 2D-3D: turn source video from 2D into 3D mode.
2. 3D-2D: turn source video from 3D into 2D mode.
3. 3D-Off: Turn off 3D mode and set 2D mode.
4. 3D Auto: When it is ON, all 3D source video will automatically switch to 3D mode. When it is OFF, only the source ilm with 3D format sign will automatically switch to 3D mode.
5. 3D Clarity: set source video modes based on different 3D formats.
6. 3D Engine: Press OK button to enter the “3D engine” menu, you can set the 3D Effect and 3D Sequence.

### Note:

1. Watching 3D content for a long time may cause headache or eyestrain, please stop watching if you have any uncomfortable feeling and take rest immediately. Please consult a doctor if the feeling does not ease.
2. The appropriate 3D video sources are need for watching 3D content.
3. It is suggested to watch 3D 10° C above the operation temperature to obtain the best 3D effect.
4. When in 3D mode, “2D-3D” can’t be selected.

## FUNCTIONS



### OSD (On-Screen Display) Setting

Press OK to display OSD Setting menu.

You can modify the OSD settings to suit user preferences.

OSD Language: allows user to select the preferred language.

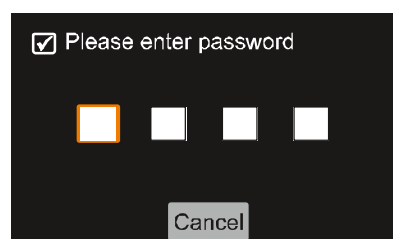
OSD Timer: set the preferred amount of time for the OSD to be displayed on the screen.

| OSD Setting  |         |
|--------------|---------|
| OSD Language | English |
| OSD Timer    | Always  |

### Lock (Optional)

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

1. Select "Lock" under the "Function" menu.
2. Press OK in the Lock submenu and "Please enter password" menu will appear. Enter your 4-digit password to enter "Lock" submenu (the default password is 0000).



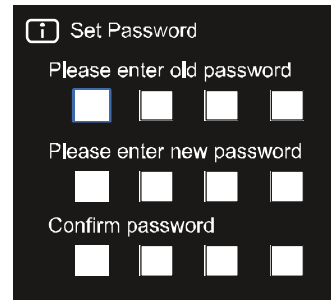
### Lock System

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

| Lock              |        |
|-------------------|--------|
| Lock System       | ◀ On ▶ |
| Set Password      | ...    |
| Block Program     | ...    |
| Parental Guidance | Off    |

## Set Password

1. Press ▲/▼ key to select “Set Password” option.
2. Enter the old password and choose any 4-digits for your new password. As the 4 digits are entered, the cursor will skip to “Conirm password” item, re-enter the same 4 digits, and your new password will be set.



## Block Program

1. Press ▲/▼ key to select “Block Program” option.
2. Press OK key to enter Program Lock. In the program list, use Blue key to lock or unlock the program.

Once the program is locked and Lock System is on, you will need the password to enter it.

## Parental Guidance

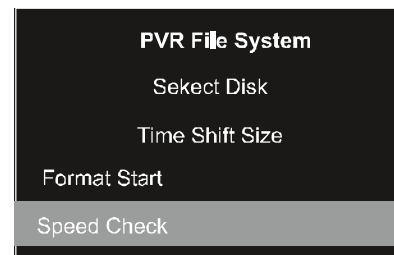
This option only used in DTV mode.

1. Press ▲/▼ key to select “Parental Guidance” option.
2. Press ◀/▶ key to select the lock level of the Parental Guidance: Off, 3, 4, 5...18.

| Program Lock                                                                               |      |                                                                                         |
|--------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------|
| 1                                                                                          | C-01 | ATV                                                                                     |
| 2                                                                                          | C-04 | ATV                                                                                     |
| 3                                                                                          | S-43 | ATV  |
| 4                                                                                          | S-45 | ATV  |
| 5                                                                                          | S-02 | ATV  |
| 6                                                                                          | C-06 | ATV                                                                                     |
| 7                                                                                          | C-07 | ATV                                                                                     |
| 8                                                                                          | C-08 | ATV                                                                                     |
| 9                                                                                          | C-09 | ATV                                                                                     |
| 10                                                                                         | C-12 | ATV                                                                                     |
|  Lock |      |                                                                                         |

## 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 information please refer to “PVR File System” on page 41.



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

**Note:** Noise Reduction is not available in VGA Mode.

## RGB Range

Change the brightness and saturation for a better picture.

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

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

## RESET

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

**Note:** Please use the "Reset" option with caution as it will return all settings and channel memories to factory defaults.



## TIME

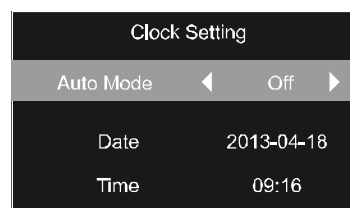


### Clock Setting

Select the "Clock Setting" in the main menu and press OK button to set the Date and Time.

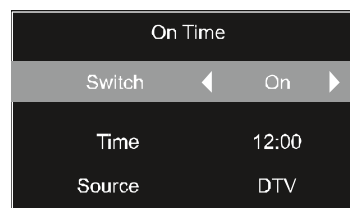
In the "Auto Mode" item you can choose to get the time from Net or not.

**Note:** In DTV mode the system will get the time from DTV.



### On Time

Select the "On Time" option and press OK button to enter submenu to set the TV auto turn on timer. The TV set should remain in the standby mode. You can set a desired source to be displayed automatically when you start TV in "Source" menu.



### Off Time

Select the "Off Time" option and press OK button to enter submenu to set the TV auto turn off timer.



### Sleep Timer

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

#### **Note:**

1. The sleep timer you have set will be cancelled if the TV is turned off or if a power failure occurs.
2. When the time is less than 60 seconds, reminder 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.

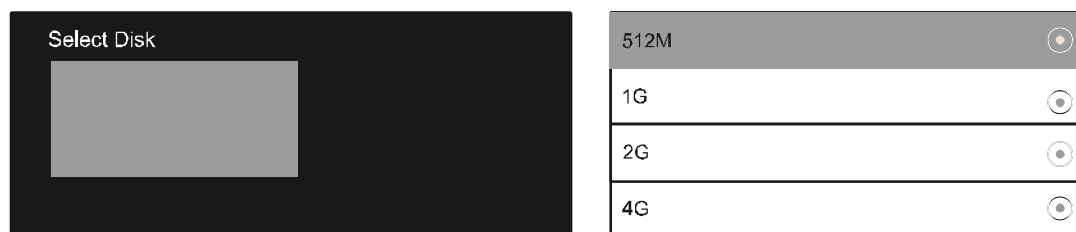
## PVR

### PVR File System

#### WARNING:

1. Before connecting your USB device to the TV, please back up your files to prevent them from damage or loss of data.
2. 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.
3. 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 for PVR.

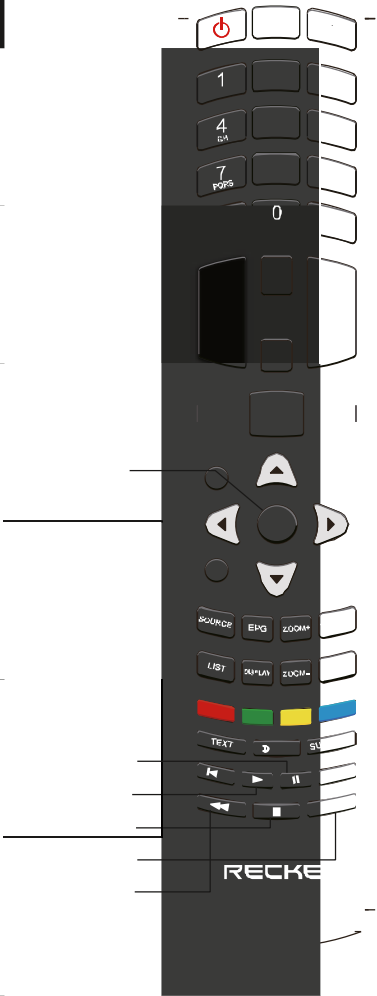
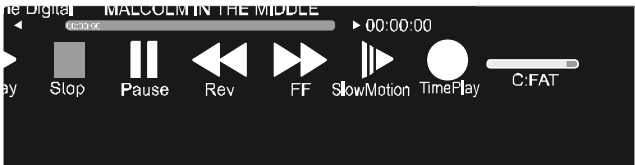
**Time Shift Size:** Press “OK” button to enter submenu and press “▲/▼” to choose the size.

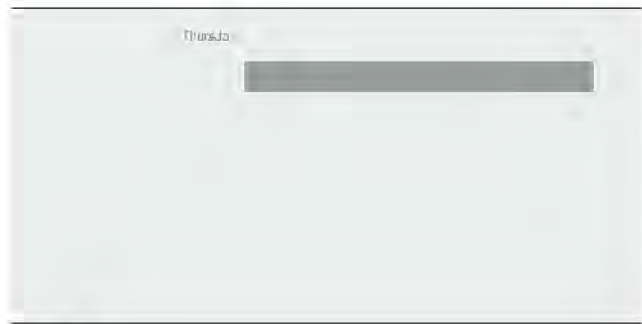
**Format:** Press “OK” button to enter format submenu. The disk must be formatted when first used for PVR. Do not disconnect disk or turn power off during formatting. When formatting your disk, a progress bar will appear on the display.

**Note:** The larger your device the longer it will take to format. The device may take a long time to format, this is not a malfunction, please wait for the formatting to finish.

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

PVR Guide





## Introduction

This TV is embedded with one USB port digital media player. It supports USB1.1/2.0/3.0 devices, including flash memory disks, USB hard disks and digital cameras. Supported functions are: Display pictures, Play music files, Play video files.

**Note:** please do not remove the cable during the data transfer. It may cause problems for the system.

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

On the main interface (page.27), click the "Mass storage" state icon to enter the USB mode. If there is no USB disk inserted, the system will ask you to insert the USB device, while the screen displays "No Device" message (Figure 1).

When you insert a USB HDD (Figure 2).

OK key: to enter the selected item.

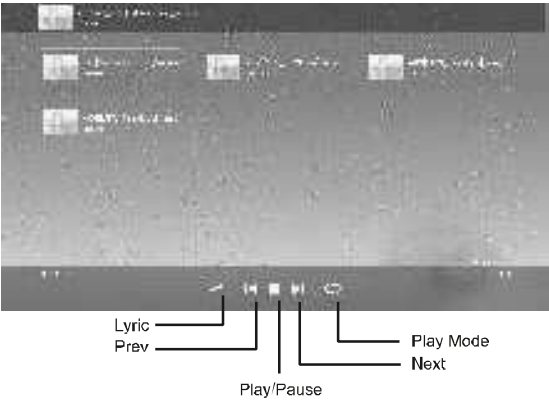
# USB Media Interface

## 1. Photo

Press menu button to play/exit the “Photo menu”. Those menu items from left to right function as the following in turn:

Stop

## 2. Music



## REFERENCES

### Troubleshooting

If you have any problem, please check the countermeasures for each symptom listed below. The following symptoms may have caused by inappropriate adjustment rather than actual malfunction of the unit. If the trouble persists, contact the service center.

| Symptoms                                    | Possible Solutions                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No power                                    | Please check the power cord is plugged in.<br>Unplug the power cord and plug it after 60 seconds and restart the TV.                                                                                                                                                                                                                    |
| No Picture                                  | Please check antenna connection the station may experience problems, please tune to another station.<br>Please adjust the settings of contrast and brightness.                                                                                                                                                                          |
| Good picture but no sound                   | Please increase the volume.<br>Please check TV is under mute mode, press MUTE button on the remote control.<br>Please check sound settings.                                                                                                                                                                                             |
| Good sound but abnormal color or no picture | Please check antenna connection.                                                                                                                                                                                                                                                                                                        |
| No remote control                           | Remote control batteries may have exhausted, changing the batteries may solve the issue.<br>Clean the remote control lens. The distance between LED TV and remote control should be within 8m.                                                                                                                                          |
| Full screen llickering                      | V-HEIGHT value may be set too big. Restart computer under VGA and enter safe mode, then set monitor parameters to correct value according to adjustment description.                                                                                                                                                                    |
| Horizontal stripes                          | Sample phase may be detected, adjust phase according under VGA to picture position.                                                                                                                                                                                                                                                     |
| Colored dots may be present on the screen   | This product is high resolution LED display device and a few cell defects can occur during manufacturing.<br>Several colored dots visible on the screen would be acceptable.<br>In line with other LED manufacturers, we would not mean that the LED is faulty. We hope you will understand that it could not be exchanged or refunded. |

## Picture defects and the reason

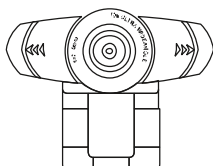


This USER MANUAL is for reference purposes only.

The illustrations shown may differ from actual product due to design changes and software updates.



RC311



Web Camera  
C550S

**RECKE**  
USER  
MANUAL

**RECKE**  
Warranty  
book





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