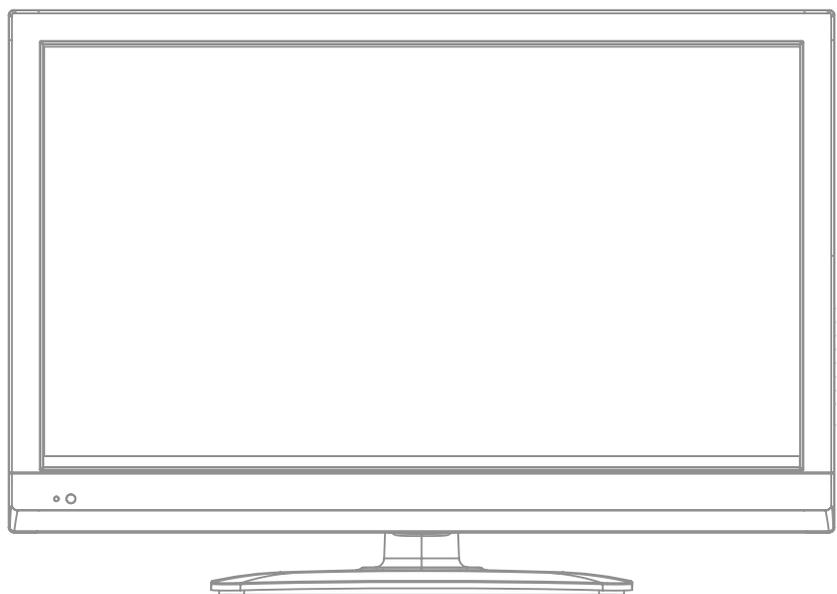




Instruction Manual

23" LED Television

TLAE-02319



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Caution



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of un-insulated “dangerous voltage” within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the persons.



The exclamation point within an equilateral triangle is intend to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



Correct disposal of this Product

Waste Electrical & Electronic Equipment (WEEE).

Your product is designed and manufactured with high quality materials and components which can be recycled and reused.

This symbol means that electrical and electronic equipment, at their end-of-life should be disposed of separately from your household waste.

Please dispose of this equipment at your local community waste collection/ recycling center.

In the USA there are separate collection systems for used electrical and electronic products. Please help us to conserve the environment we live in!



Intertek
31 24 14 0

CONFORMS TO UL STD. 60065

This unit complies with America Safety directives.



This unit complies with FCC directives.

Safety Information

To ensure reliable and safe operation of this equipment, please read all of the instructions carefully in this user guide, especially the safety information below.

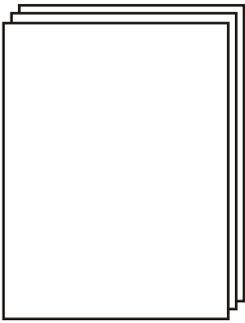
Electrical safety

- The TV set should only be connected to a main supply which matches that stated on the label on the main adapter.
 - To prevent overload, don't share the same main supply socket with too many other items of equipment.
 - Do not place any connecting wires where they may be stepped on or tripped over.
 - Do not place heavy items on the leads, as they may damage them.
 - Hold the main plug, not the wires, when removing from a socket.
 - During a thunderstorm or while leaving the TV for long periods, disconnect the aerial (if outdoor) and main adapter from the supply.
 - Do not allow water or moisture to enter the TV or main adapter. Do NOT use in wet or moist areas such as bathrooms, steamy kitchens or near swimming pools.
 - Pull the plug out immediately, and seek professional help if:
 - The main plug or cable is damaged.
 - Liquid is spilled onto the set, or if it is accidentally exposed to water or moisture.
 - Anything accidentally penetrates the ventilation slots.
 - The set does not work normally.
 - Do NOT remove the safety covers. There are no user serviceable parts inside. You may invalidate the warranty. Qualified personnel only are permitted to service this apparatus.
 - To avoid battery leakage, remove exhausted batteries from the remote control handset, or when not using for a long period.
 - Do NOT break open or throw exhausted batteries on a fire.
-

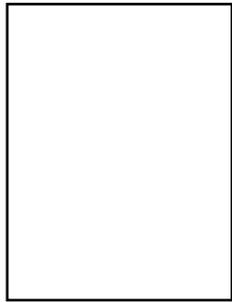
Physical safety

- Do NOT block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure there is at least 5cm (2") clearance all around the unit.
- Do NOT tap or shake the TV screen, you may damage the internal circuitry. Take good care of the remote control, do not drop it or allow it to come into contact with liquids.
- To clean the TV use a soft dry cloth. Do NOT use solvents or oil based fluids. For stubborn stains, you may use a damp soft cloth with diluted detergent.

Accessories



User's manual



Warranty Card



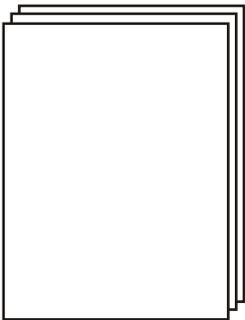
Remote Control



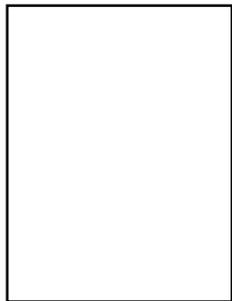
Batteries



Adaptor



Quick Start Guide



Installing the Base Stand

* Note: The configuration of the components may look different from the following illustration

Technical Specification

- TV system	ATSC/NTSC
- Screen size	23 inch (diagonal)
- Resolution	1920x1080
- Aerial input	75 Ω (unbalanced)
- Audio output power	2x3W
- Power consumption	12V  3A 36W

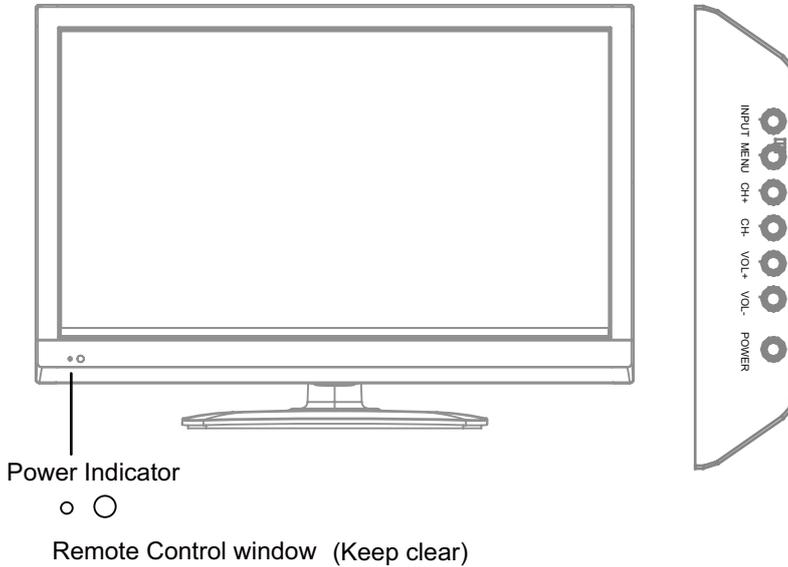
Remote Control

Type	Infrared
Control distance	5m
Control angle	30° (horizontal)
Batteries	2 x 1.5V, size AAA

Product Introduction

Introduction

1. Front View



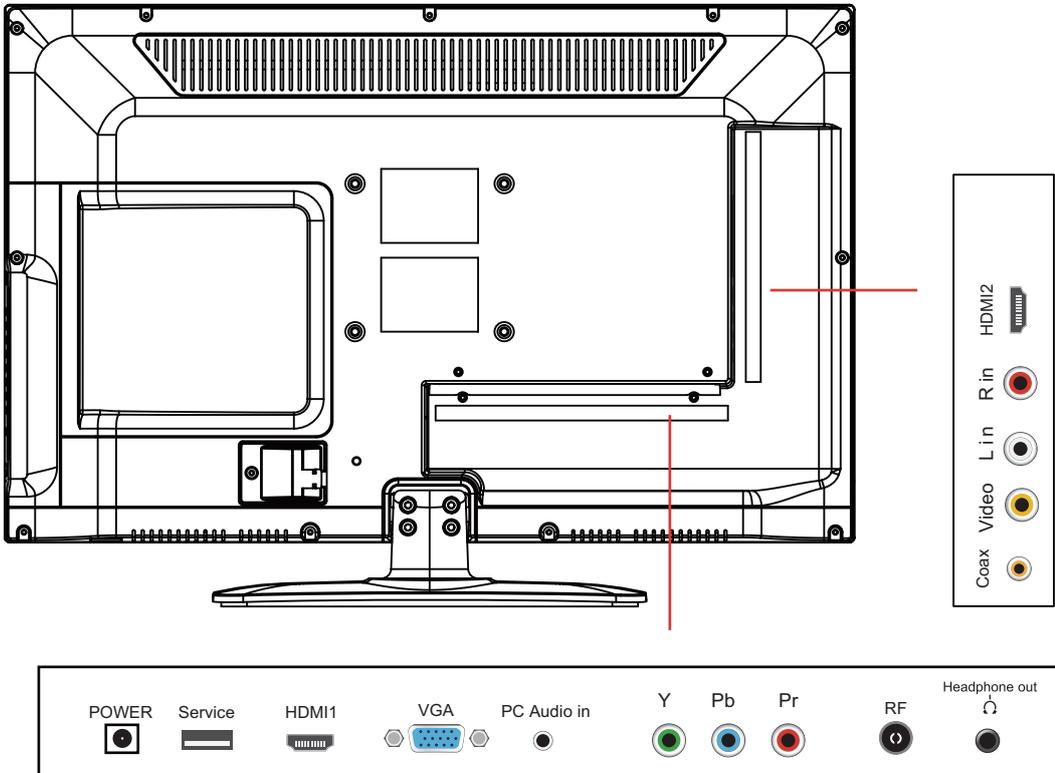
- 1). (IR) Infrared Receiver: Receives IR signals from the remote control.
(Power on/Standby)LED Indicator: Press **POWER** to turn on and off.

Indicator on(Red)	Standby mode
Indicator on(Green)	Power on mode

The effective receiving range for the signal is 5-8 metres from the front of the remote control window, and 30° to the left or right side and 20° above or below the remote control window.

- 2). The functions of the buttons:
- INPUT:** Press to display the input source menu.
 - MENU:** Press to display the OSD menu, press again to exit the menu.
 - CH+/-:** Press to scan through channels.
 - VOL+/-:** Press to adjust the volume.
 - POWER:** Turn on/standby the TV set.

Connections



POWER: Connect the supplied AC adapter

Service: For service use only.

HDMI1/2: Connect it to the HDMI output of video device.

VGA: For PC display. Connect it to the D-Sub 15 pins analog output of the PC.

PC Audio in: Connect it to the audio output of PC.

YPbPr: Connect them to the component video output terminal of video device.

RF: Connect antenna or cable 75 Ohm coaxial to receive TV signal.

Headphone out: Connect it to your headphone or audio device.

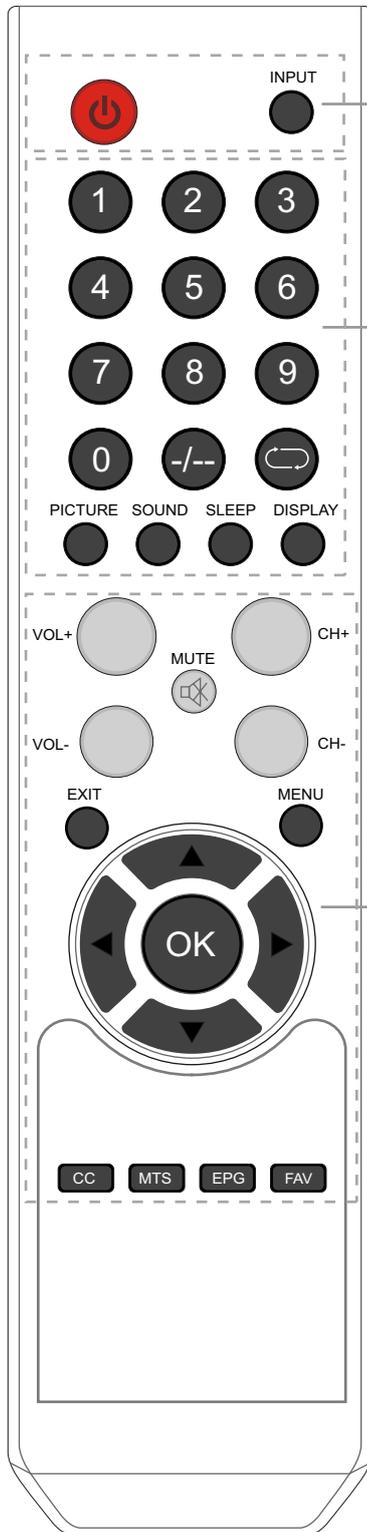
COAX: Digital audio output.

VIDEO: Connect it to video output of video device.

L/R in: Connect them to audio output of video device.

Remote Control (Optional)

The remote control is using Infrared(IR). Point it towards the front of the LED TV. The remote control may not work correctly if it is operated out of range or out of angle.



POWER(red button): Turn the TV on/standby.
INPUT: Press to display the input source menu.

Number Buttons: Choose channel directly.
 Select channel 5, Press button "5";
 Select channel 62, Press button "6", then press button "2" in 2 seconds;
 Select channel 151, Press button "1", and press button "5" in 2 seconds, and press button "1" in 2 seconds;
 Select channel 5-1, Press button "5", and press button "- / -" in 2 seconds, and press button "1" in 2 seconds;

(RETURN): Return to the previous channel viewed.

PICTURE: Press repeatedly to cycle through the available video picture modes.

SOUND: Press to cycle through the different sound settings.

SLEEP: Shutdown timer.

DISPLAY: Display the information of current mode.

VOL+/-: Press to adjust the volume.

CH+/-: Press to scan through channels.

MUTE: Press to mute the sound, press again or press VOL+ to unmute.

MENU: Press to display the OSD menu.

EXIT: Press to exit the OSD menu.

Thumbstick($\leftarrow \rightarrow \uparrow \downarrow$): Allows you to navigate the on-screen menus and adjust the system settings to your preference.

OK: Confirm button.

CC: Press to display the closed caption.

MTS: Press to select the audio channels.

EPG: Press to enter the EPG menu directly.

FAV: Press to add or remove favorite channel.

Remote Control (Optional)

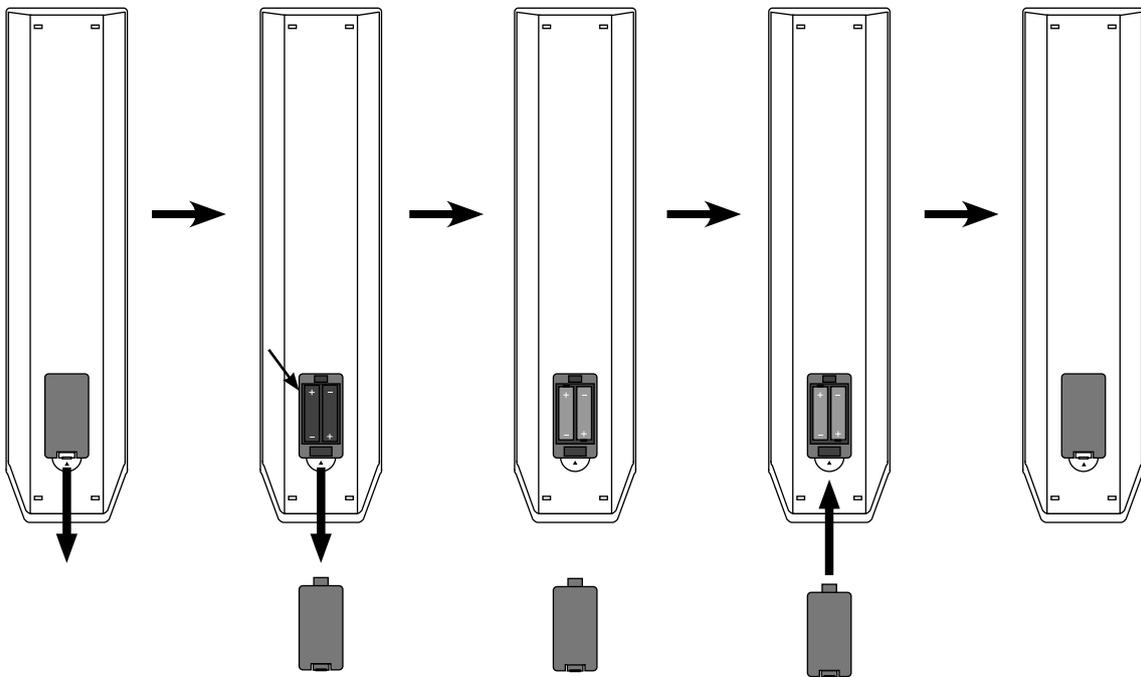
Installing Batteries

1. Open the battery compartment cover on the back of the remote control.
2. Insert two 1.5V AAA size batteries observing the polarity markings inside the battery compartment. Don't mix different types or used batteries with new ones.
3. Close the cover.



Batteries shall not be exposed to excessive heat such as sunshine or fire.

- The remote control should be operated within 30 feet (7m) and 30° to the left and right of the IR receive at the front of the TV.
- Used batteries should be disposed properly.



Basic Operation

Power on/off

1. Connect to the power supply with the mains adaptor.
2. -To turn on the TV
Press **POWER/**  button on the TV or remote control.
-To turn off the TV
Press **POWER/**  button on the TV or remote control.

Input Source select

Press **INPUT** button on the TV set or remote control to display input source menu, and use **CH+/-** button on the TV set or **^/∇** button on remote control to select the input source, press **OK** or **INPUT** button on the remote control to enter.

Note: Before you select the input source, make sure the connections are prepared.

Basic OSD Menu operation

Press **MENU** button to display the OSD menu as below:



Use **</>** button to select the main menu, and press **∇** button to enter the submenu. In the submenu, use **^/∇** button to select the function item, press **</>** button to adjust/setup, or press **>** button to enter the submenu.

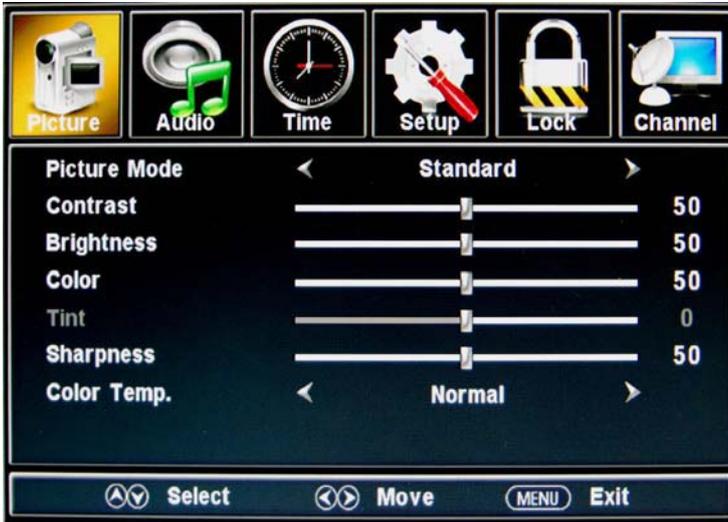
* (Press **MENU** button to return to the upper menu.)

* (Press **EXIT** button to exit the menu display.)

Note: Only when you input the suitable signal, the relevant items can be activated.

OSD Menu

1. Picture menu



Description

Picture mode: Select between Standard, Dynamic, Mild, Sports and User.

You may select the picture mode directly by pressing the PICTURE button on the remote control.

Contrast: Control the difference between the bright and dark regions of the screen picture.

Brightness: Adjust brightness of the picture.

Color: Adjust color of the picture.

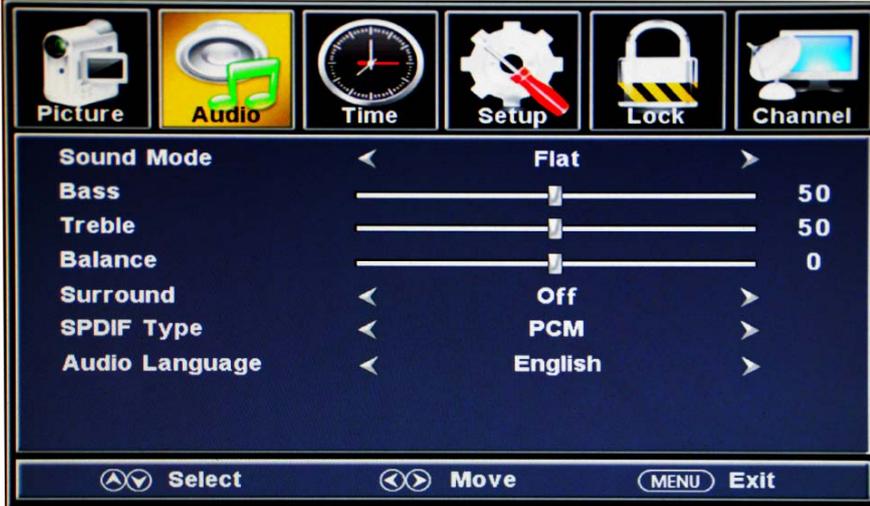
Tint: Control the flesh tones to make them appear natural.

Sharpness: Set the amount of fine detail in the picture.

Color Temp.: Select between Normal, Cool and Warm.

OSD Menu

2. Audio menu



Description

Sound Mode: Select your desired picture mode as follows: Flat, Music, Movie, Sports and User. You may select the sound mode directly by pressing the SOUND button on the remote control.

Bass: Low frequency intensity.

Treble: High frequency intensity.

Balance: Left and right stereo audio channels balance.

Surround: Activate or deactivate the Surround function.

SPDIF Type: Select the spdif mode.

Audio Language: Select audio language.

OSD Menu

3. Setup menu



Description

Menu Language: Select OSD menu language.

Transparency: Turn on or off the transparency menu function.

Zoom Mode: Select the zoom mode between 16:9, 16:9 zoom, 4:3, 4:3 zoom.

Noise reduction: Select the noise reduction mode between Strong, Off, Weak and Middle.

PC SETUP: If the video input signal comes from your PC, you may adjust the H-Position, V-Position, Clock, Phase or even perform an Auto adjustment.

Closed Caption:



CC Mode: Allows you to select the CC Mode among: On, Off, CC or Mute.

Basic Selection: Allows you to select the basic selection among: CC1, CC2, CC3, CC4, Text1, Text2, Text3 and Text4.

Advanced Selection: Allows you to select the advanced selection among: Service1, Service2, Service3, Service4, Service5 and Service6.

Option: Use thumbstick buttons to operate in option menu as you desire.

XVS: Activate/deactivate the automatic dynamic brightness function.

Restore Default: Restore all settings in SETUP menu to factory settings.

OSD Menu

4. Lock menu

You must enter the password to gain access to the Lock menu. The default password is 0000. You may modify the following options:



Description

Change password: Change the password, you must enter the new password twice to confirm it.
Note: Do not forget the password.

System Lock: Allows you to turn the system lock on or off. If deactivated, the functions described below don't work.

This option menu allows you to lock any TV channel or adjust the Movie rating filter.

US:



TV: Use \wedge / \vee buttons to select the desired rating and press $\>$ button to block or unblock rating.

MPAA: The Movie rating (MPAA) is used for original movies rated by the Motion Picture Association of America (MPAA) as broadcasted on cable TV and not edited for television.

Use \wedge / \vee button to select N/A, G, PG, PG-13, R, NC-17 or X.

G: General Audiences. Movie is appropriate for all ages.

PG: Parental Guidance Suggested. May contain material not suited for younger viewers.

PG-13: Contains content that may not be appropriate for viewers under the age of 13.

R: Restricted. Contains adult content, no one under 17 admitted without parent.

NC-17: No one 17 and under admitted.

X: Adults only.

Canada:



Canada English: Select among: E, C, C8+, G, PG, 14+ and 18+.

Canada French: Select among: E, G, 8ans+, 13ans+, 16ans+ and 18ans+.

Reset RRT: Allows you to reset the RRT setting.

OSD Menu

5. Channel menu



Description

Air/Cable: Allows you to select antenna between Air and Cable.

If you select “Cable”, the following items (Favorite, Show/Hide, Channel NO, Channel Label and DTV Signal) are unable to be used.

Auto Scan: Enter the Auto Scan menu to start auto scan.

- ★ If you select “Cable” as input signal in Antenna item, it allows you to select Cable System among: Auto, STD, IRC and HRC. Use \checkmark button to highlight the “Start to Scan”, then press $\>$ button to search the channels automatically. The receivable channels will be stored automatically. When searching channels, press **MENU** to stop.



- ★ If you select “Air” as input signal in Antenna item, you can press $\>$ button to search the channels automatically. The receivable channels will be stored automatically. When searching channels, press **MENU** to stop. NOTE: It will take a while to auto scan in NTSC or ATSC mode, please wait patiently.



Favorite: Allows you to add these channels which you desired as the favorite channels.

Use \wedge / \vee button to highlight the desired item, then press **OK** button to add or remove the highlighted channel as favorite.



OSD Menu

Show/Hide: Allows you to show or hide the channels.

Use \wedge / \vee button to highlight the desired item, then press **OK** button to show or hide the highlighted channel.



Channel No.: Show and select the channel.

Channel Label: Allows you to setup a label for the channel.

Press \wedge / \vee button to select the position of the table, and press \lt / \gt button to select the words.

DTV Signal: Shows the quality of digital signal: good, normal, bad.

Simple Troubleshooting

If the display fails or performance dramatically deteriorates check the display in accordance with the following instructions. Remember to check the peripherals to pinpoint the source of the failure.

If the display still fails to perform as expected, connect your helpline for assistance.

No power

- Check all connections to the TV.
- Press either the power button or the standby button on the remote control.

No picture or sound

- Ensure that the TV is plugged in and the power is on.
- Ensure that the aerial is connected.
- Try a different program.

Poor picture quality

- Check the aerial connections.
- Check that the channel is tuned in properly.
- Adjust the picture settings: brightness, color, sharpness, contrast, hue.
- Make sure that the TV is not located close to electrical appliances that may emit radio frequency interference.

No color

- Adjust the color setting.
- Check that the program is broadcast in color.
- Check that the channel is tuned properly.

TV does not respond to remote control

- Check that there are no obstructions between the remote control and the unit.
- Check that the remote control is within range of the unit.
- Check that the batteries in the remote control are not weak or exhausted.

This LED TV is for household use and registered as harmless on electromagnetic waves. Therefore, you can use it in every location as well as residential areas.