

linsar

24"HD LED TV

MODEL NO.: 24LED450H





USER MANUAL

Please read this manual carefully before using,
and keep it for future reference.

IMPORTANT INSTRUCTIONS

SAFETY INSTRUCTIONS

 <p>The lightning flash and arrow head within the triangle is a warning sign alerting you of “dangerous voltage” inside the product.</p>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN </div> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.</p>
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WARNING – TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR SERIOUS PERSONAL INJURY:

- If the cord is damaged, have it repaired by the manufacturer, its service or a similarly qualified person in order to avoid any hazard.
- The cord should always be readily accessible.
- The apparatus shall not be exposed to dripping or splashing of water or liquids and that no objects filled with liquids such as flowers vases shall be placed on the product.
- The normal ventilation of the product shall not be impeded for intended use.
- Always leave a minimum distance of 10 cm around the unit to ensure sufficient ventilation.
- Naked flame sources, such as candles, should not be placed on top of the device.
- The device is intended for use only in a temperate climate.
- Situate this product away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- Clean the product only as recommended by the manufacturer (see “Maintenance” section for details). Unplug the power plug from the wall outlet before cleaning,
- Unplug the power plug from the wall outlet when left unused for an extended period.
- Prevent objects/liquids from falling or spilled on the product.
- Operate the product only with the supplied power cord. Route power cords so they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to plugs, convenience receptacles, and the point where they exit from the product.
- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

- Do not operate this product under the following conditions.
 - When the power-supply cord or plug is damaged.
 - If liquid has been spilled into or objects have fallen into the product.
 - If the product has been exposed to rain or water.
 - If the product does not operate when used according to the operating instructions.
 - If the product has been dropped or damaged in any way.
- Do not attempt to service the product; take it to the electronics repair shop of your choice for any servicing or repair.
- Do not overload wall outlets, extension cords, or integral convenience receptacles.
- Connect this product to the power outlet which has protective earth connection.



CAUTION- TO REDUCE THE RISK OR PERSONAL INJURY OR PRODUCT/PROPERTY DAMAGE:

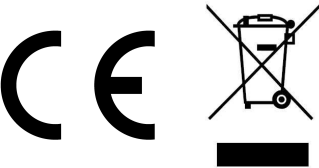
- This product is intended solely for non-commercial, non-industrial, personal use as a television. Do not use this product for any other purpose.
- Do not subject the product to violent shocks, extreme temperatures, or lengthy periods of direct sunlight.
- Keep the product away from magnetic objects, motors, and transformers.
- Do not use outdoors in inclement weather.
- Do not use the TV while driving; this is dangerous and is illegal in some areas.

BATTERY HANDLING AND USAGE:

- **CAUTION:** Danger of explosion if battery is incorrectly replaced or not replaced by the same type or equivalent.
- The battery should not be exposed to excessive heat such as sunshine, fire or similar.
- Different types of batteries, new and used batteries should not be mixed.
- The battery must be installed according to the polarity.
- If the battery is worn, it must be removed from the product.
- The battery must be disposed of safely. Always use the collection bins provided (check with your dealer) to protect the environment.
- Keep batteries away from children and pets. Only adults should handle batteries.
- Never throw batteries into a fire or expose them to fire or other heat sources.
- Follow the battery safety and usage instructions.

THE DISPOSAL OF ELECTRICAL AND ELECTRONIC EQUIPMENT WASTE PRODUCTS
ON THE PART OF FINAL USERS IN THE EUROPEAN UNION

This symbol on the product or on the container indicates that this product cannot be eliminated with the general waste. The user is responsible for eliminating this kind of waste by throwing them away at a “recycling point” specifically for electrical and electronic waste. Selective collection and electrical equipment recycling contribute to preserve natural resources and warrant waste recycling to protect environment and health. In order to receive further information about electrical and electronic waste collecting and recycling, contact your Local Council, the service of household waste or the establishment where the product was acquired.



To avoid possible hearing damage, do not listen at high audio volume for long periods of time.

ACCESSORIES

User Manual.....	x 1
Remote Control.....	x 1

All the pictures in this manual are just for your reference, appearance and display should subject to the final product.

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FEATURES

24" LED Display

This unit has a built-in LED display window to provide clear vision and low radiation.

With Hotel Lock

Support Auto TV Scanning

Support Digital Broadcasting Reception

Support TV Guide Function

Support TELETEXT (Europe) Function

Support USB Multimedia Playback

Support Multi-languages On Screen Display

Support Full Function Remote Control

Support HDMI, SCART, YPBPR, AV, VGA, PC AUDIO and CI Input

Support EARPHONE and OPTICAL Output

Support PVR Function

Support TIME SHIFT Function

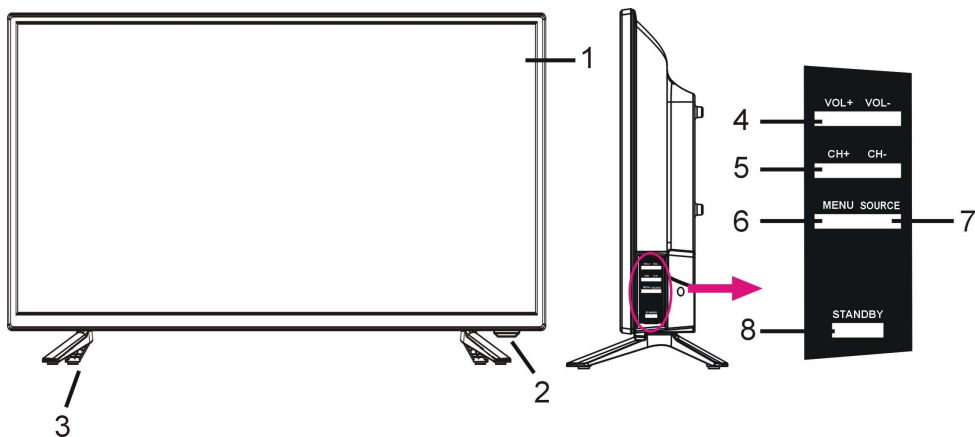
With Detachable Stand Holder

With External Antenna Jack

With Built-in Speakers

GENERAL PARTS

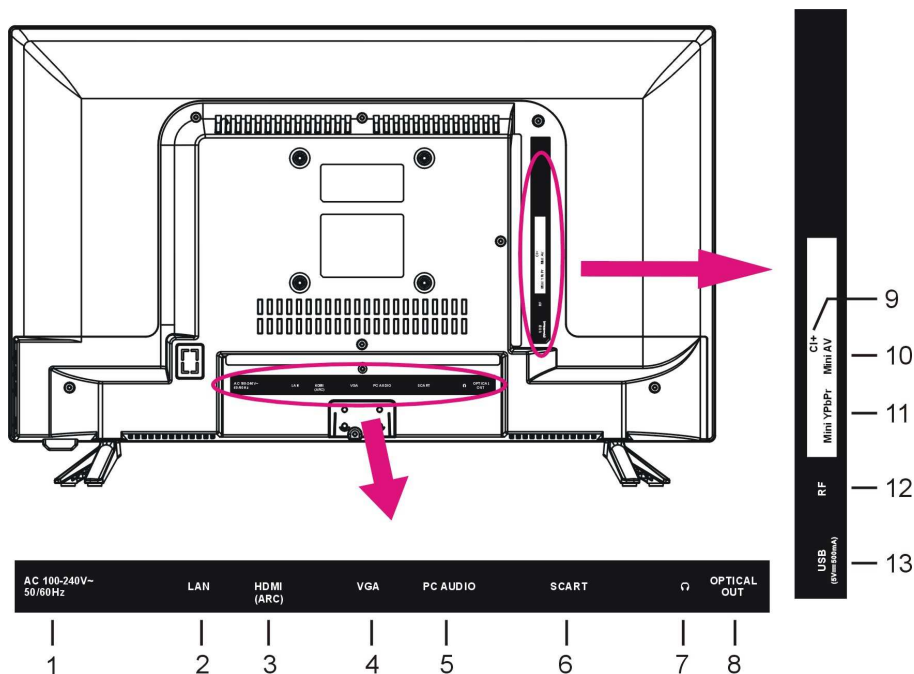
MAIN UNIT



1. LED display screen
2. Remote control sensor / Power indicator- In standby mode the indicator light will display red color; when switching on the unit the indicator light will display blue color.
3. Stand holder
4. VOL +/- button- To increase/decrease the volume level or move left/right.
5. CH +/- button- To select next/previous channel or move up/down.
6. MENU button- To enter menu setting page.
7. SOURCE button- To select the input source.
8. STANDBY button- To turn ON/OFF the TV.

GENERAL PARTS

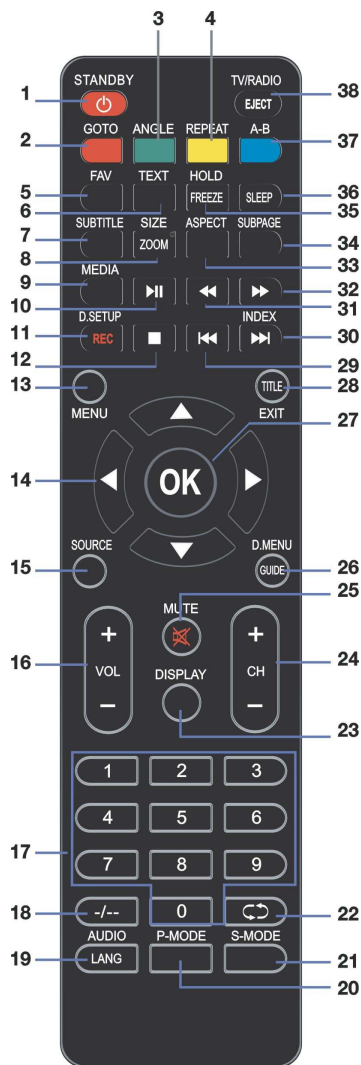
Back View



1. Power input (AC cord)
2. LAN input terminal (**Note:** LAN port is for network signal return only).
3. HDMI input terminal
4. VGA input terminal
5. PC AUDIO input terminal
6. SCART input terminal
7. EARPHONE output terminal
8. OPTICAL output terminal
9. CI input terminal
10. Mini AV input terminal
11. Mini YPbPr input terminal
12. RF input terminal- To connect the external antenna.
13. USB input terminal

REMOTE CONTROL

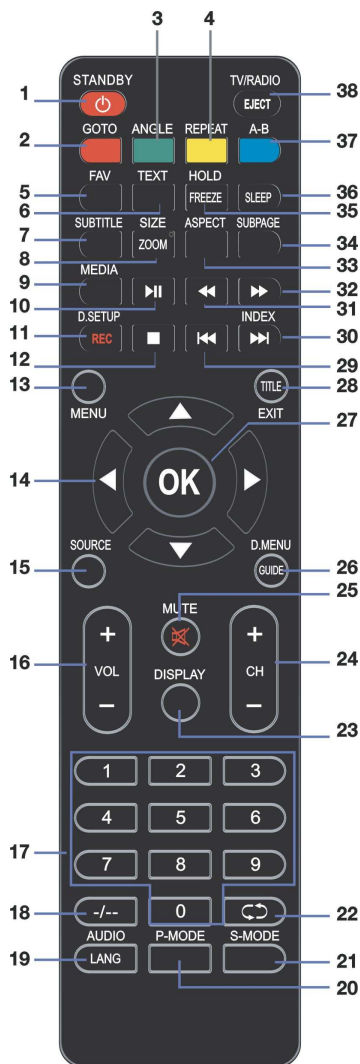
- 1 **STANDBY:** Set the unit in standby mode; press it again to switch it on.
- 2 **GOTO:** Jump to a different chapter of DVD.*
- 3 **ANGLE:** View DVD playback from different angles, if the DVD has this feature.*
- 4 **REPEAT:** Repeat different chapter/title or entire DVD.*
- 5 **FAV:** Press to display your favourite program in DTV mode.
- 6 **TEXT:** Switch between TV and Teletext mode.
- 7 **SUBTITLE:** Enable/disable subtitles.
- 8 **SIZE / ZOOM:** Change the Teletext & DVD size.
- 9 **MEDIA:** Select USB mode.
- 10 **▶||** : PLAY/PAUSE in TIMESHIFT and USB mode.
- 11 **RECORDER/D-SETUP:** Record / Display the DVD setup menu.
- 12 **■** : Stop playing.
- 13 **MENU:** Display the main TV menu.
- 14 **◀/▶/▲/▼** : Press the LEFT/RIGHT/UP/DOWN button to navigate the on-screen menus and adjust the system settings to your preference. Press OK to confirm your selection.
- 15 **SOURCE:** Switch the input source.
- 16 **VOL +/-**: Turn the volume up/down.
- 17 **NUMBER BUTTONS (0-9):** Press to select a TV channel directly when watching TV. The channel changes after 2 seconds.
- 18 **-/--**: Switch the digits.
- 19 **AUDIO / LANG:** Switch the available soundtrack language (DTV/DVD).*
- 20 **P-MODE:** Cycle through the different picture mode.
- 21 **S-MODE:** Cycle through the different sound modes.
- 22 **↶**: Return to the previous channel.
- 23 **DISPLAY:** Display information of the current program.



REMOTE CONTROL

- 24 **CH +/-**: Press to play the next or previous channel; press repeatedly to scan through the channels.
- 25 **MUTE**: Mute the sound. Press again or press VOL+ to restore the sound.
- 26 **GUIDE / D. MENU**: Display electronic program guide; Display the main disc menu.*
- 27 **OK**: Confirm selection.
- 28 **EXIT / TITLE**: Exit from the main TV menu displayed on the screen; Display the DVD title menu. (DVD)*
- 29 **◀◀** : Play the previous file.
- 30 **▶▶ / INDEX**: Play next file; Display the record program list (DTV).
- 31 **◀◀** : Move fast backward.
- 32 **▶▶** : Move fast forward.
- 33 **ASPECT**: Press repeatedly to select the desired screen aspect ratio.
- 34 **SUBPAGE**: Manually jump to previous or next subpages of Teletext.
- 35 **FREEZE**: Hold the picture.
- 36 **SLEEP**: Set the TV sleep timer.
- 37 **A-B**: Repeat DVD scenes of your preference.
- 38 **TV/RADIO**: Switch the unit between TV and radio; **EJECT**: Open or close the disc compartment. (DVD)*

NOTE: The functions of those buttons, which marked with “DVD”, are available only when your TV has fitted a DVD player.



REMOTE CONTROL PREPARATION

BATTERY INSTALLATION

Install the batteries as the following pictures. Be sure + and – terminals are positioned as indicated in the battery compartment (Fig1).

SERVICE LIFE OF BATTERIES

- The batteries normally last for one year although this depends on how often the remote control is used.
- If the remote control fails to work even when it is operated near the player, replace the batteries.
- Use two size AAA dry batteries.

NOTE:

- Do not drop, step on or otherwise impact the remote control. This may damage the parts or lead to malfunction.
- If the remote control is not going to be used for a long time, remove the batteries.

REMOTE CONTROL OPERATION

Point the remote control from no more than about 6m from the remote control sensor and within about 60° of the front of the player (Fig2).

NOTES:

- The operating distance may vary according to the brightness of the room.
- Do not point bright light at remote control sensor.
- Do not place objects between the remote control and the remote control sensor.
- Do not use this remote control while simultaneously operating the remote control of any other equipments.

Fig1

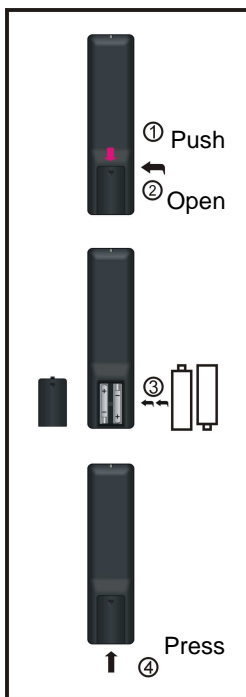
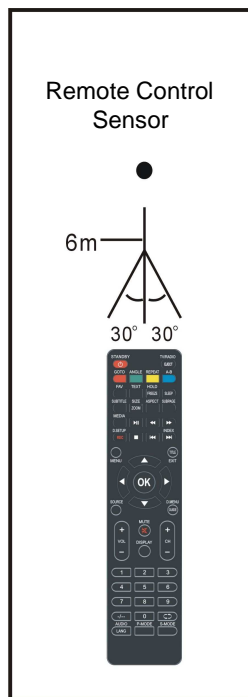


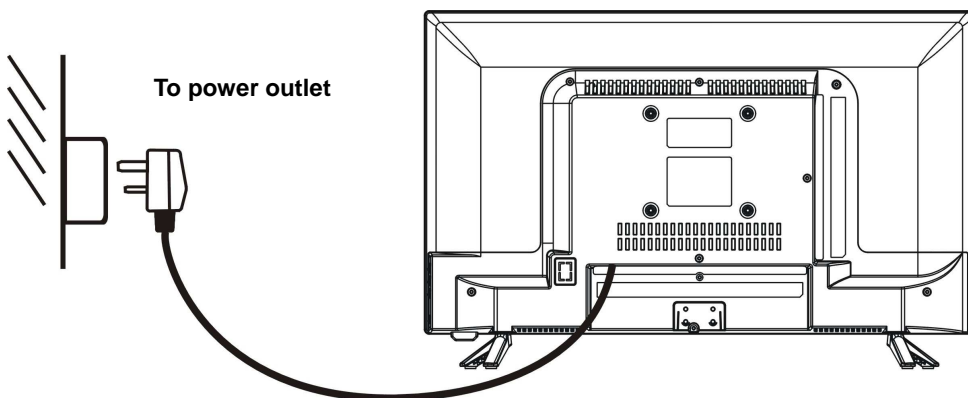
Fig2



BASIC CONNECTION

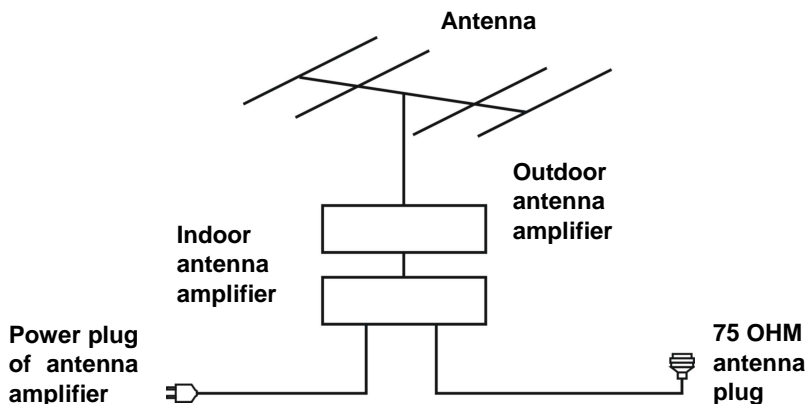
- Ensure all the cables are disconnected from the main unit before connecting to AC power source.
- Read through the instructions before connecting other equipments.

CONNECTING TO AC POWER SOURCE

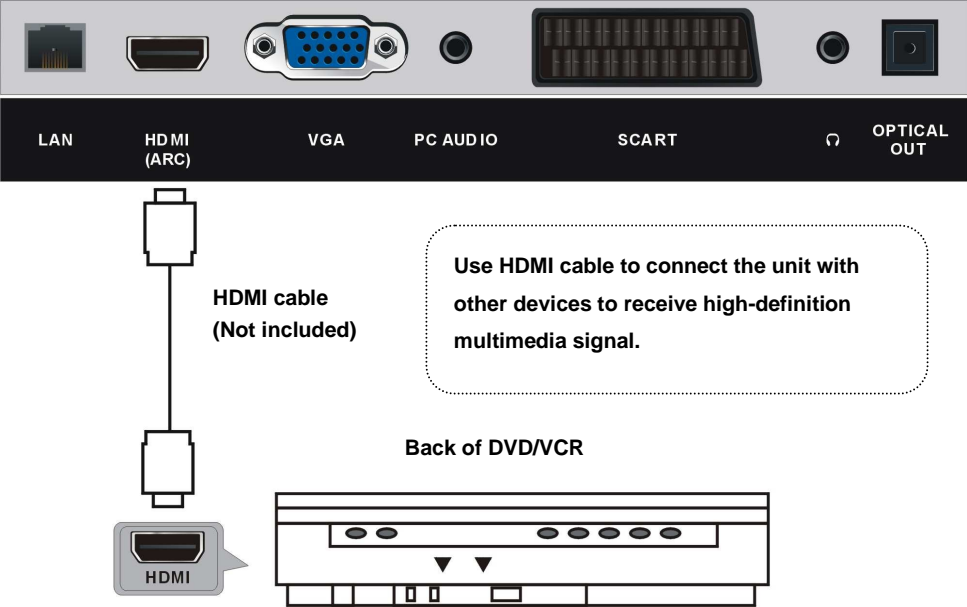


CONNECT EXTERNAL ANTENNA TO UNIT

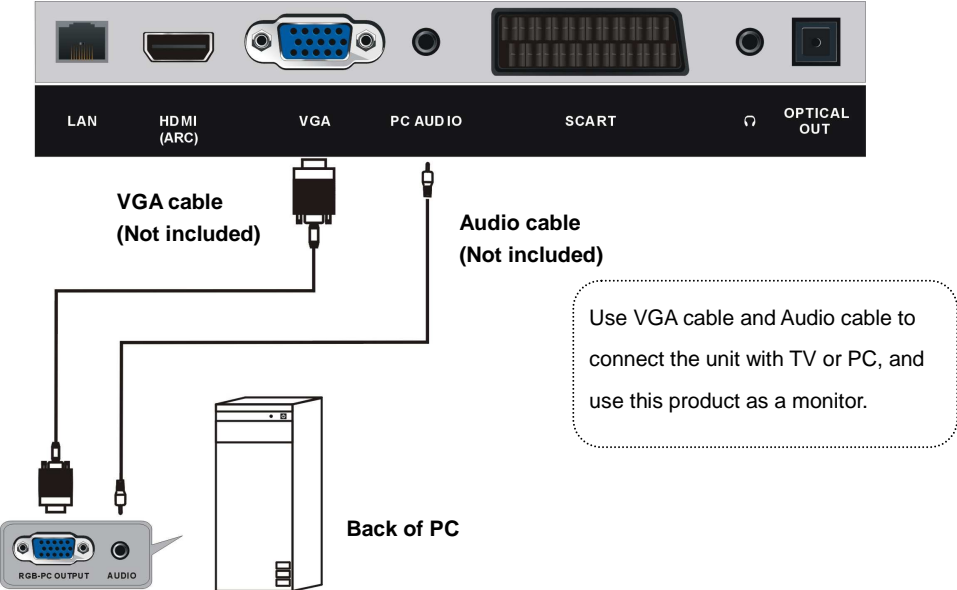
Install external antenna into antenna jack for best picture.



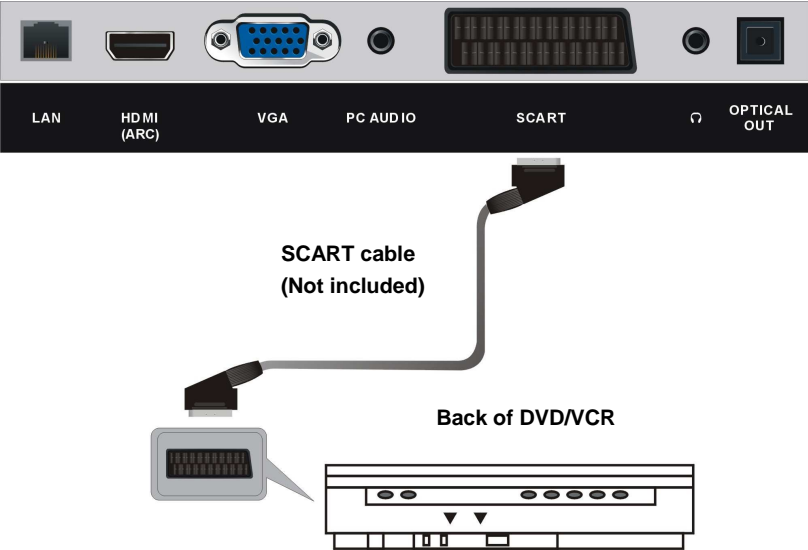
HDMI CONNECTION



PC/VGA CONNECTION



SCART CONNECTION



OPTICAL CONNECTION



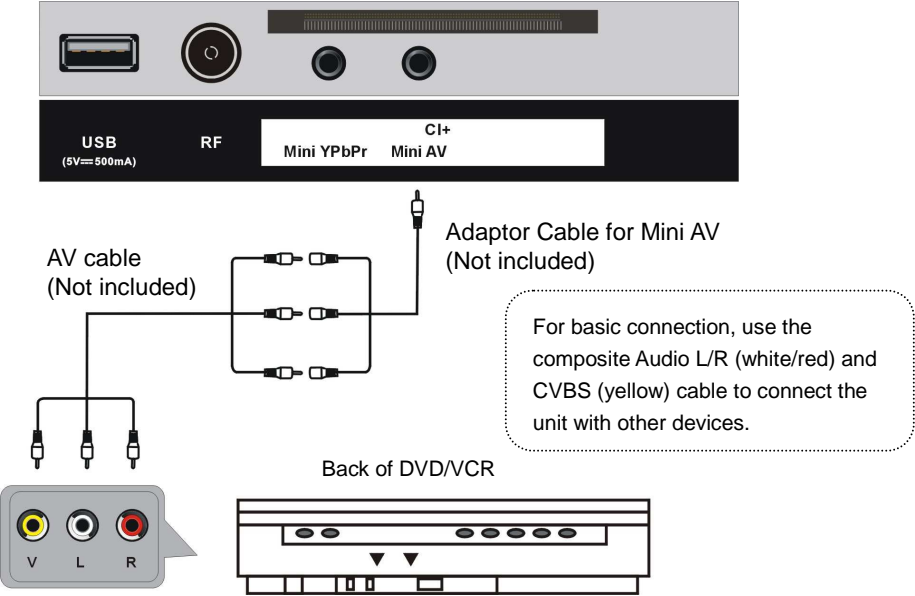
Use Optical cable to connect the unit with amplifier or other audio decoding devices for audio signal output.
(Optical cable is not included.)

LAN CONNECTION

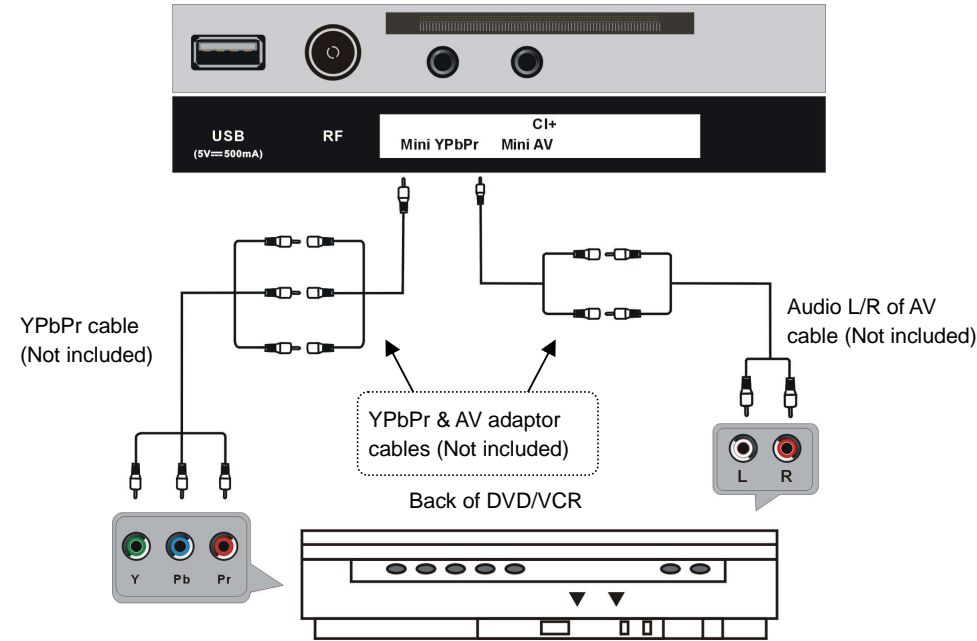


Use a LAN cable (not included) to connect this TV with available network.
NOTE: Please connect to network for software updates.

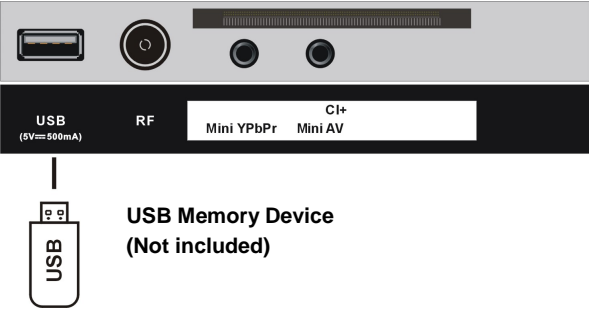
AV (COMPOSITE VIDEO) CONNECTION



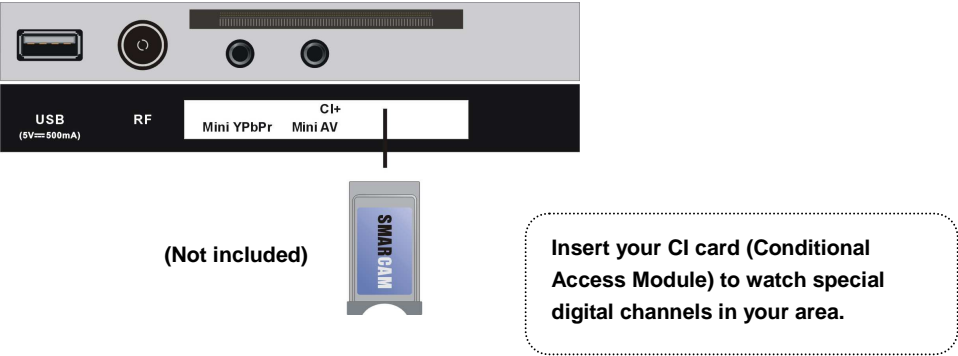
YPBPR CONNECTION



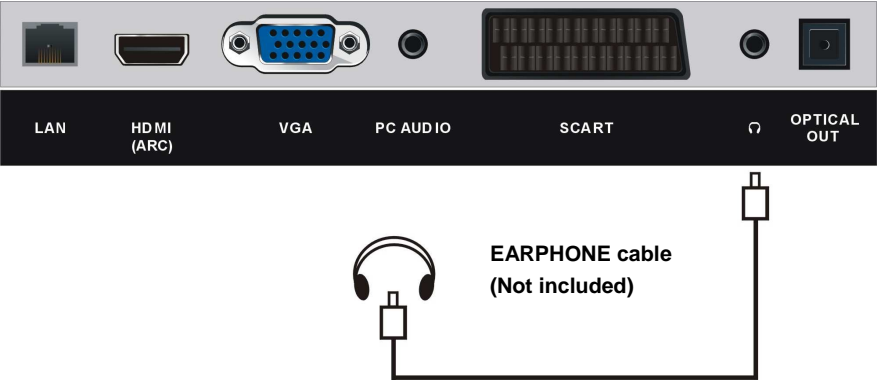
USB CONNECTION



INSERT A CI CARD



EARPHONE CONNECTION



MAKE SURE ALL THE EQUIPMENTS AND POWER CORD ARE CONNECTED PROPERLY AND THE UNIT IS SET IN CORRECT MODE BEFORE KINDS OF OPERATIONS.

BASIC OPERATIONS

*- Press **STANDBY** button on the unit or remote control to power **ON** the unit (indicator will glow blue); press it again to power **OFF** (standby mode) the unit (indicator will glow red).*

*- Press **SOURCE** button on the remote control to set the unit in DTV or ATV mode.*

SELECT DESIRED PROGRAM

1. Press CH+ button to play next channel.
2. Press CH- button to play previous channel.
3. Press number buttons on remote control directly to select desired program.

NOTE: Press -/-- button repeatedly to switch the digit.

VOLUME CONTROL

- Press VOL+ or VOL- to adjust the level of current volume.

Available range: 0-100.

MUTE CONTROL

- Press MUTE button to mute the sound, press it again to turn on the sound.

SOURCE SETTING

- Press SOURCE button on the unit or remote control to display the sources list.

- Press UP or DOWN navigation button to select desired input source, and then press OK button to confirm selection.

Available options: DTV (Digital),ATV (Analogue), AV, Component (YPbPr), HDMI, SCART, PC (or VGA), USB.

PICTURE MODE

- Press P-MODE button on remote control repeatedly to select desired PICTURE mode directly.

Available options: Standard, Personal, Dynamic, Movie, Economy.

SOUND MODE

- Press S-MODE button on remote control repeatedly to select SOUND mode directly.

Available options: Standard, Music, Sports, Movie, Personal.

VIDEO SIZE SETTING

- Press the ASPECT button on the remote control repeatedly to select the VIDEO SIZE directly.

Available options: Auto, 4:3, 16:9, Zoom1, Zoom2.

NOTE: The available video size may be different for different input sources.

MULTIAUDIO SETTING

- Press the AUDIO button on the remote control repeatedly to select the desired audio language.

NOTE: To enable this function, make sure that the channel you are viewing supports multi-audio languages.

INFORMATION DISPLAY

- Press the DISPLAY button on the remote control to display information of current programs.

TV GUIDE (FOR DTV MODE ONLY)

- Press the EPG button on the remote control to display the programme guide.



- Press the UP/DOWN navigation button to select a preferred program
- Press the LEFT/RIGHT navigation button to switch between the left column and right column.

When a program is highlighted on the right column, press OK button to open a menu:

- Press the UP/DOWN button to select an option.
- Press **RED** button to schedule a recording for the selected program.
- Press RED button to schedule a reminder for the selected program.

QUICK SELECT

To quickly find an available channel, press the OK button on the remote control to enter the Channel List menu page.

- Press the UP or DOWN navigation button to select a preferred channel.
- Press MENU button to enter Edit mode and then you can lock, add FAV, delete or skip a channel.
- Press the OK button to confirm the selection.

FAVORITE LIST

When viewing an available channel, press the FAV button on the remote control to enter it into the Favorite List menu page.

- Press the UP or DOWN navigation button to select a preferred channel.
- Press the OK button to confirm the selection.

Note: To add a favorite channel, please refer to the operations of “QUICK SELECT”.

TELETEXT

- Press the TEXT button on the remote control to display the available teletext information and press it repeatedly to stop playing the teletext.

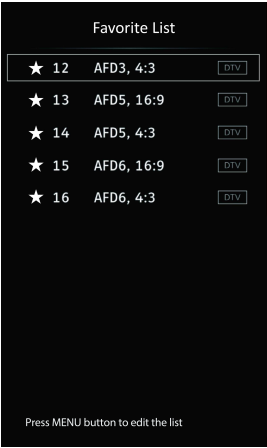
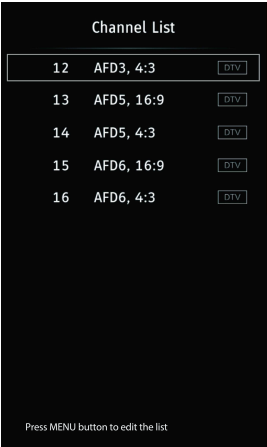
TV/RADIO (FOR DTV MODE ONLY)

- Press the TV/RADIO button on the remote control to switch the unit between TV and radio mode.

SUBTITLE

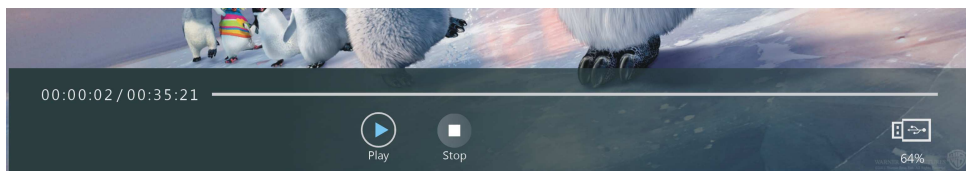
- Press the SUBTITLE button on the remote control repeatedly to select a desired subtitle.

NOTE: To enable this function, make sure that the channel you are viewing supports multi-subtitles.



RECORDER (FOR DTV MODE ONLY)

- Insert your USB memory device into the USB slot first.
- When watching digital programs, press the **REC** button on the remote control start recording.



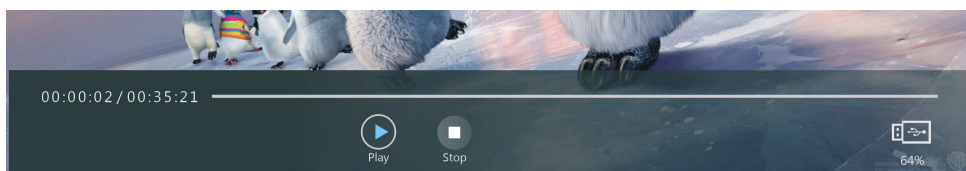
- Press the LEFT or RIGHT navigation button to select the desired option. Press the OK button to confirm the selection.
- If the tool bar disappears, press the EXIT button on the remote control to display it again.
- Press the **■** button to call out a reminder message. Use the LEFT/RIGHT navigation button to exit or continue recording.

To watch recorded programs:

- Press INDEX button on remote control to call out the Record List menu.
- Press navigation buttons to select recorded files and press OK button to start playback.

TIMESHIFT (FOR DTV MODE ONLY)

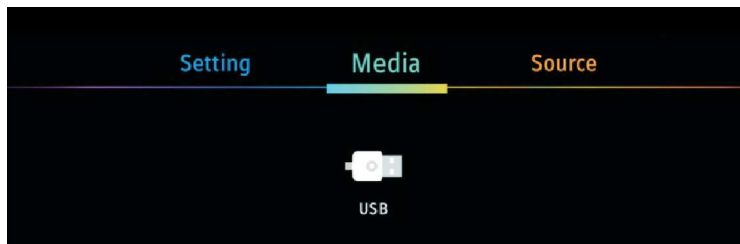
- Insert your USB memory device into the USB slot first.
- When watching digital programs, press **⏮** button to enable the TIMESHIFT function.



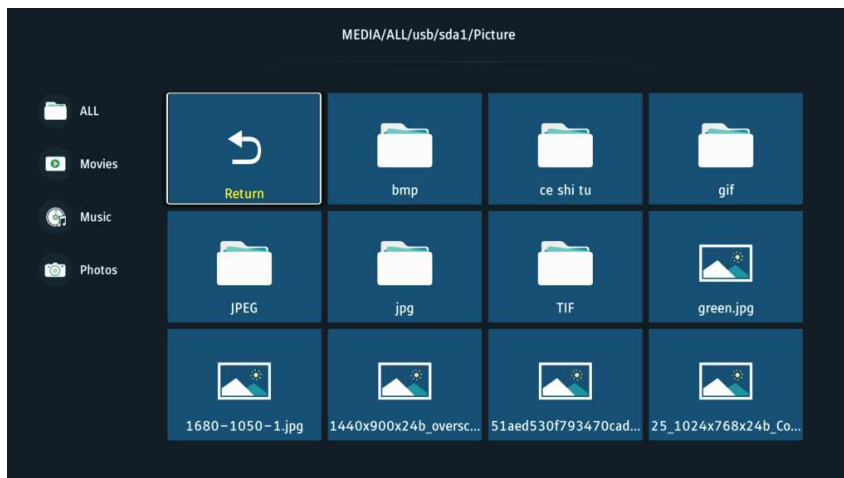
- Press the LEFT or RIGHT navigation button to select a desired option. Press the OK button to confirm selection.
- If the tool bar disappears, press the EXIT button on the remote control to display it again.
- Press the **■** button to call out a reminder message. Use the LEFT/RIGHT navigation button to exit or continue time-shifting.

MEDIA PLAYBACK

- Insert a USB memory device into the USB slot before the following operations.
- Press the MENU button on remote control to open main menu. Then press UP navigation button to move the cursor to title. Select Media and press DOWN navigation button to highlight USB.



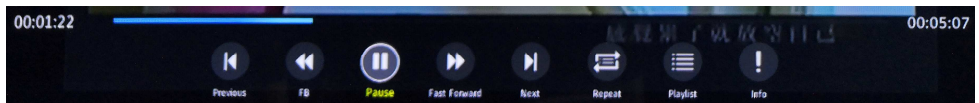
- Press OK button to enter it.



- Press the UP/DOWN/LEFT/RIGHT navigation button to move the cursor.
- Press the EXIT button to return to the previous page.

a. MOVIE

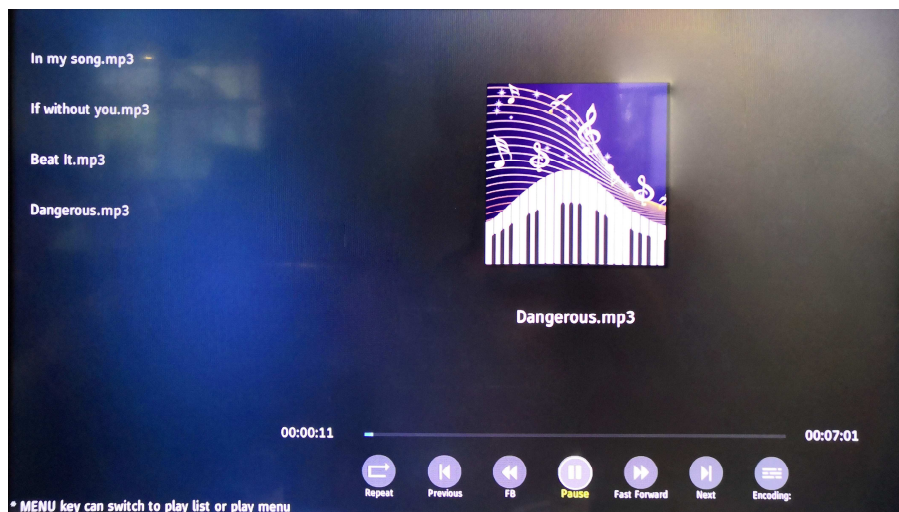
- Use the navigation buttons to select a desired folder or file.
- Press the OK button to start playback.



- Press the MENU button to open/close the tool bar. Use navigation buttons to select a desired option and press OK to confirm the selection.
- Press the EXIT button to return.

b. MUSIC

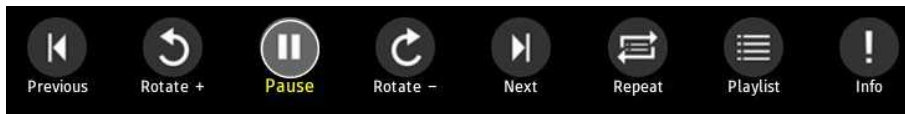
- Use the navigation buttons to select a desired folder or file.
- Press the OK button to start playback.



- Press the MENU button to open/close the tool bar. Use navigation buttons to select a desired option and press OK to confirm the selection.
- Press the EXIT button to return.

c. PHOTO

- Use the navigation buttons to select a desired folder or file.
- Press the OK button to start playback.



- Press the MENU button to open/close the tool bar. Use navigation buttons to select a desired option and press OK to confirm the selection.
- Press the EXIT button to return.

d. ALL

- Use the navigation buttons to select a desired folder or file.
- Press the OK button to start playback.

Remote control operations when playing multimedia files:

- Press the ►|| button on the remote control to play or pause playing.
- Press the ■ button on the remote control to stop playing.
- Press the ◀◀ button on the remote control to move fast backward.
- Press the ▶▶ button on the remote control to move fast forward.
- Press the ◀◀ button on the remote control to play the previous file.
- Press the ▶▶ button on the remote control to play the next file.

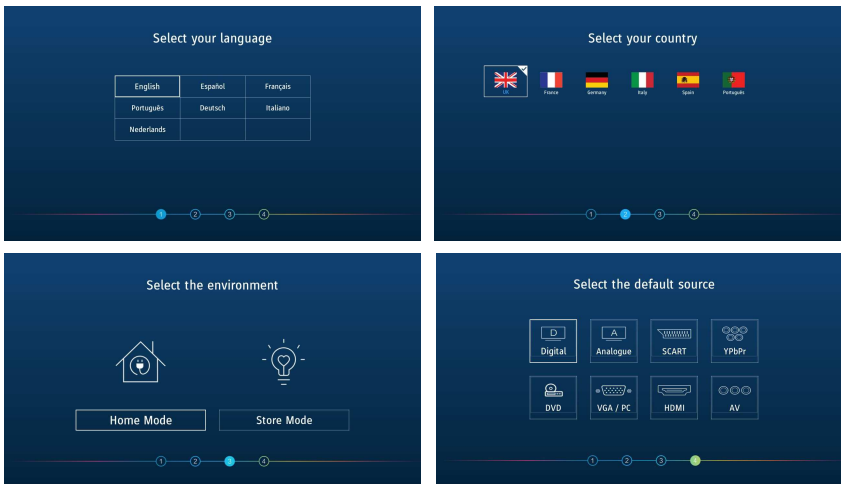
NOTE: To play your multimedia files, make sure you have selected the correct icon in the main menu of MEDIA PLAYBACK. That is to say, you can only play Photo files in PHOTO mode, Music files in MUSIC mode, and so on.

MAIN MENU

- The unit contains different setting menus. Once the initial programming is entered, it will remain in the memory until changed, so that the unit can always be operated under the same conditions.
- The settings will be remained in the memory until the settings are changed ever after setting the player to standby mode.

First Time Installation

- Connect to power source and turn on this TV, welcome page will display on the screen.
- Press OK button on remote control to start setting.
- Press LEFT/RIGHT/UP/DOWN navigation buttons on remote control to select an option.
- Press OK button on remote control to confirm selection.



Step 1

- Select desired on-screen display language.

Step 2

- Choose the country you are living in.

Step 3

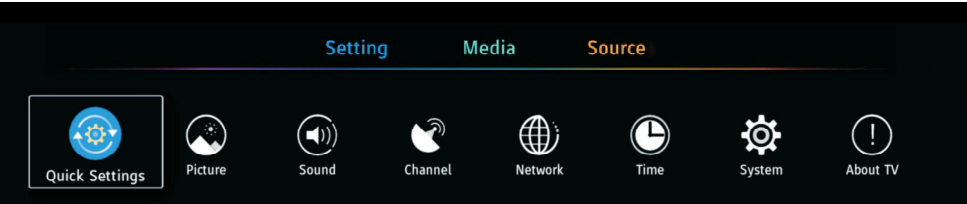
- Choose Home or Shop mode.

Step 4

- Choose an input source to visit.

DTV Settings

- Press SOURCE button on the remote control to select DTV input source.
- Press the MENU button on remote control to open main menu.



Notes:

- If Setting is not highlighted on menu title, press UP navigation button to move the cursor to title. Select Setting and press DOWN navigation button to enter it.
- Some options under “Settings” only appear when TV received available signals.

Common procedure for initial settings

- Press the MENU button on remote control to display the main menu.
- Press the UP/DOWN/LEFT/RIGHT navigation buttons to move the cursor.
- Press the OK or RIGHT navigation button to enter the submenu.
- Press the MENU button to save current setting and return to the previous menu page.
- Press the EXIT button to exit the menu page.

1. Quick Settings



1.1 Audio Language

- Select available audio language.

1.2 Subtitle Language

- Select available subtitle language.

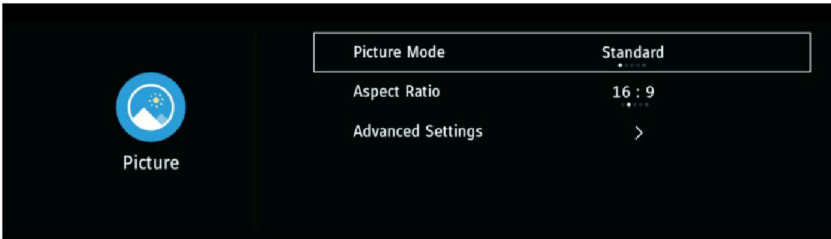
1.3 Record List

- Show recorded list if you have recorded a program before.
- You can watch all recorded programs here.

1.4 Schedule List

- Show schedule list if you have scheduled a program through EPG menu.

2. Picture



2.1 Picture Mode

- Press the LEFT/RIGHT navigation buttons to select an option.

Picture Mode: available options: Standard, Personal, Dynamic, Movie, Economy

Note: When Picture Mode is “Personal”, you can see and adjust Brightness, Contrast, Colour, Tint, Sharpness and Backlight.(Tint is only for NTSC system.)

2.2 Aspect Ratio

This item is used to adjust the video size.

Available options: Auto, 4:3, 16:9, Zoom1, Zoom2.

Note: The available video size may be different for different input source.

2.3 Advanced Settings

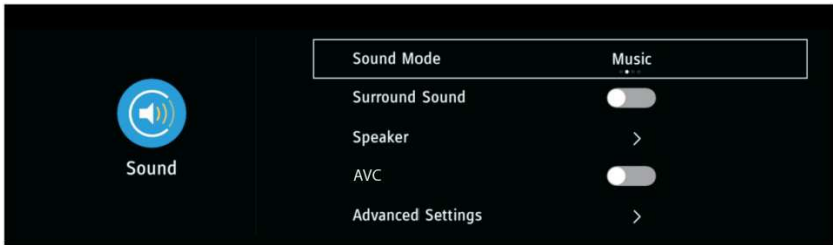
OverScan: turn on/off OverScan.

Colour Temperature: adjust the optimum color temperature for suitable viewing (Standard, Cold, Warm).

Dynamic Contrast: select dynamic contrast level (Off, Low, High).

Noise Reduction: select noise reduction level (Off, Low, Medium, High).

3. Sound



3.1 Sound Mode

- Press the LEFT/RIGHT navigation buttons to select an option.

Sound Mode: available options: Standard, Music, Sports, Movie, Personal.

3.2 Surround Sound

- Turn on/off surround sound.

3.3 Speaker

Audio Output: PCM, RAW, Off.

Digital Audio Delay: adjust this item if Digital Output and TV picture are not simultaneous.

3.4 AVC (Auto Volume Level)

- Turn on/off Auto Volume Level.

3.5 Advanced Settings

Note: Only when Sound Mode is “User”, you can see and adjust Balance and Equalizer.

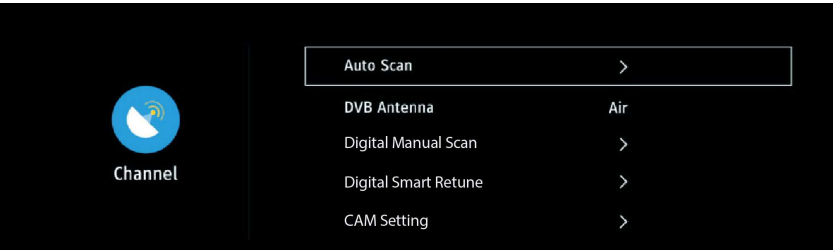
Balance: adjust the balance of audio left and right.

Treble: adjust the treble.

Bass: adjust the bass.

Audio Description: For Visually Impaired users, this function enables a user to know a certain scene or action through the narration, instead of seeing it. (AD Switch function works only when you are viewing programs that contain related narration information.)

4. Channel



4.1 Auto Scan

- Choose DTV or ATV tuning mode firstly.
- Then enter “Auto Tuning” to scan available channels.

4.2 DVB Antenna

- Display current antenna type.

4.3 Digital Manual Scan

- Press LEFT/RIGHT navigation button to select the channel.
- Then enter “Start Scan” to scan available channels.

4.4 Digital Smart Retune

Quickly scan channels if current saved signals are updated.

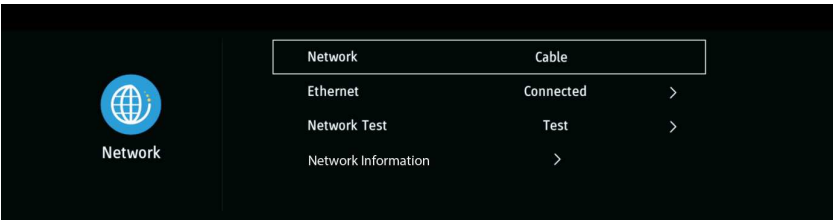
4.5 CAM Setting

When an available CAM (Conditional Access Module) card is connected to the CI slot, you can view related information or manage the CAM card.

4.6 Signal information

- Display signal details, for example: channel number and strength.

5. Network



5.1 Network

- Display the network type (not adjustable for this model).

5.2 Ethernet

Notice: Connect your local network using a LAN cable first.

DHCP (Dynamic Host Configuration Protocol): turn on/off DHCP. When DHCP is off, you can see and adjust IP address, Netmask, Gateway and DNS using navigation buttons.

5.3 Network Test

- Test the network condition.

5.4 Network Information

- Display the network information.

6. Time



6.1 Time

- It displays the current system time when an available channel was saved.

Auto Sync: turn on/off auto synchronization. If it's off, you can see and adjust date and time using navigation buttons.

Time Zone: select correct time zone.

6.2 On Time

On Time: set the hour, minute and day using navigation buttons.

Input Source: select power on input source.

Channel: select the channel.

Volume: adjust the volume.

6.3 Off Time

Off Time: set the hour, minute and day using navigation buttons.

6.4 Sleep Timer

- Set the automatic sleep time.

Available options: Off, 10min, 20min, 30min, 60min, 90min, 120min, 180min.

6.5 OSD Timer

- Select a desired OSD menu duration.

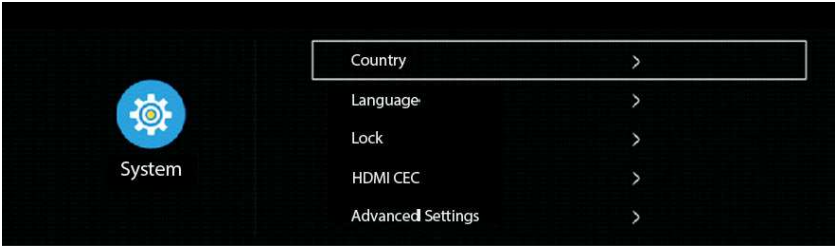
Available options: Never, 5/10/15/20/30/60/180 seconds.

6.6 Auto Standby

- Select a desired Auto Sleep (standby) duration when no operations are done through the remote control.

Available options: Off, 3/4/5 hours.

7. System



7.1 Country

- Select the country you are living in.

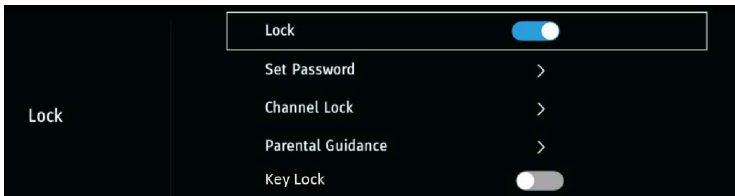
7.2 Language

- Select the OSD menu language, Audio and Subtitle languages.

7.3 Lock

- Input the factory default password “0000” using number buttons on remote control.
- Then highlight “OK” on screen and press OK to enter it.

Note: If you forget the password, please use the universal password “4711”.



Lock: turn on/off lock.

Set password: input the old password using number buttons and then input your private password twice to finish it.

Channel Lock: when entered, press GREEN button to lock/unlock a channel.

Parental Guidance: select desired program rating (off, 4-18).

Key Lock: turn on/off key lock.

Hotel Mode: enter Hotel Mode.



Hotel Mode: turn on/off Hotel Mode.

Source Lock: turn on/off the lock of available sources.

Default Source: set the default source.

DTV Channel Type: set the DTV channel type.

Default Prog: set the default digital program.

Default Volume: set the default volume level.

Max Volume: set the maximum volume level.

Clear Lock: Clear above settings.

USB Clone to TV: clone data from USB device.

TV Clone to USB clone data to USB device.

7.4 HDMI CEC



To use the HDMI CEC function:

- Make sure the HDMI device (Amplifier, etc.) is connected correctly.
- Press the SOURCE button on the remote control to select the HDMI input source.

HDMI CEC: turn on/off HDMI CEC.

Device Auto Power Off: if this function is enabled, external connected CEC device will power off automatically when turn off this TV.

TV Auto Power On: if this function is enabled, this TV will power on automatically when turn on external connected CEC device.

HDMI ARC (Audio Return Channel): if this function is enabled, the users can use external amplifier or audio decoding device which featured with ARC.

Detect: detect available device.

7.5 Advanced Settings

PVR & Time-Shift Settings: you can select a desired disk, partition, Time-Shift size, format USB device and check USB speed.

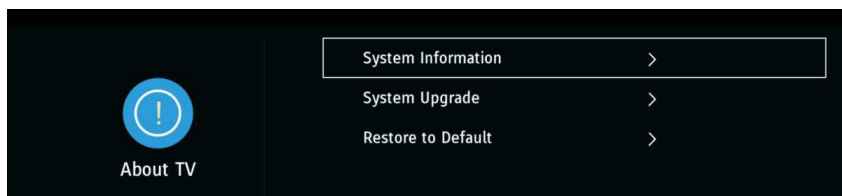
Hearing Impaired: for Hearing Impaired users, this function provides captions to supplement the audio (Hearing Impaired function works only when you are viewing programs that contain related caption information)

Blue Screen: turn on/off blue screen. The screen background will turn blue at very weak or no signal condition if Blue Screen is ON.

Setup Wizard: open the first time setup wizard.

Home/Store Mode: turn on/off store (shop) mode.

8. About TV



8.1 System Information

- Show TV system information.

8.2 System Upgrade

- Update software through network or USB memory device.

Note: Only technicians are authorized to update the software.

8.3 Restore to Default

- Restore OSD menu to default settings.

ATV AND OTHER MODES

- Press SOURCE button on the remote control to select desired input source.

- For other menus, please refer to the operations of DTV mode.

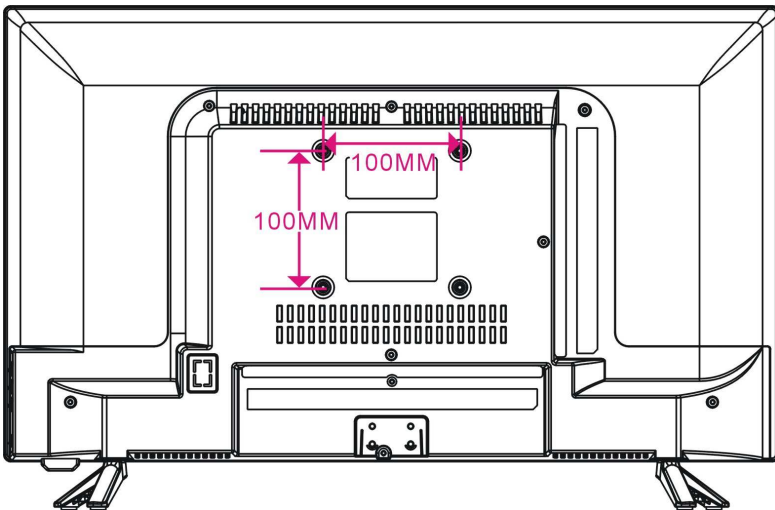
MAINTENANCE

- Be sure to press STANDBY button to set the player to the standby mode and disconnect the power plug before maintaining the player.
- Wipe the player with a dry, soft cloth.
- If the surface is extremely dirty, wipe clean with a cloth which has been dipped in a weak soap-water solution and wrung out thoroughly, and then wipe again with a dry cloth.
- Never use alcohol, benzene, thinner, cleaning fluid or other chemicals. And do not use compressed air to remove dust.

WALL MOUNTING

- Contact a professional for assistance when wall mounting your TV. We are not responsible for any damage to the product or injury to yourself, if you mount the TV on your own.
- Do not wall mount the TV while TV is turned on. It may cause personal injury due to electric shock.
- Use standard M4*10mm screws (4 pieces) to mount this TV.

Back of your TV



STAND INSTALLATION

Your TV is packaged with the Stand and the Cabinet separated. Before enjoying this TV, please carry out the Stand Installation according to the instructions below.

Step 1

Place the TV faced down on a soft cloth or cushion to prevent the panel from being damaged.

Step 2

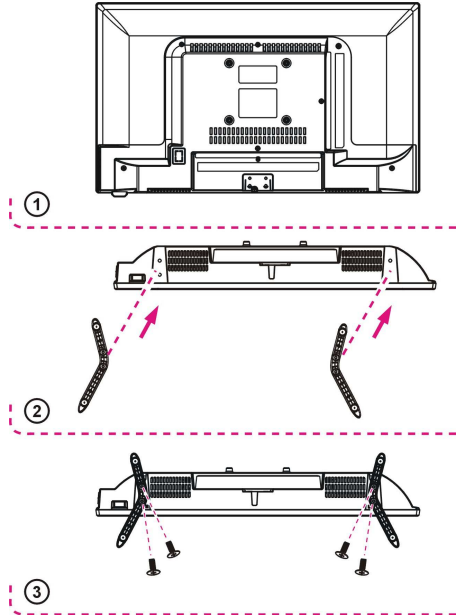
Align the Stand with TV bottom and then force the end of stand until the TV is fully seated on the stand.

Step 3

Tighten the included screws with a screw driver.

NOTES:

- Unplug the power plug first when installing or removing the TV Stand.
- Contact one or more partner for assistance when installing or removing the TV stand.



SPECIFICATIONS

Display Device	24 inch (60cm) LED TV
Resolution	1366 × 768
Display Colors	16.7M
Contrast Ratio	1500:1
Aspect Ratio	16:9
Life Time	30,000 Hrs
USB Multimedia Playback Format	Movie: AVI, MPEG 1/2
	Music: MP3
	Photo: JPG/JPEG
Power Source	AC 100-240V, 50/60Hz
Power Consumption	Max. 42W
Operation Temperature	-5°C to 45°C
Measurement	557(W) × 165(D) × 372(H) mm
Weight	Approx. 2.3 kg

Specifications are subject to change without notice.

GENERAL TROUBLESHOOTING

Check the following points before assuming malfunctions of this unit:

Symptom[COMMON]	Remedy
No power.	Insert the power plug securely into the power outlet.
No picture.	Ensure that the equipment is connected properly.
<ul style="list-style-type: none"> ● No sound. ● Distorted sound. 	<ul style="list-style-type: none"> ● Ensure that the equipment is connected properly. ● Ensure that the input setting for the TV and stereo system are correct. ● Adjust the master volume to a suitable volume by pressing VOLUME +/- button.
No operations can be performed with the remote control unit.	<ul style="list-style-type: none"> ● Check the batteries are installed with the correct polarities. ● The batteries are exhausted: replace them with new ones. ● Point remote control at the remote control sensor and operate it again. ● Operate the remote control unit at a distance of no more than 6m from the remote control sensor. ● Remove the obstacles between the remote control and remote control sensor.
No key operation (by the main unit and/or the remote control unit) is effective.	Disconnect the power plug and then reconnect it.(The player may not be operating properly due to lightning, static electricity or some other factors.)
Symptom[TV]	Remedy
No or poor picture.	<ul style="list-style-type: none"> ● Adjust antenna or use an external antenna. ● Relocate the unit near a window (if inside a building). ● Move units away from this product that causes interference. ● Do Auto Tuning again. ● Try another channel.
No sound or poor sound.	<ul style="list-style-type: none"> ● Check the audio settings. ● Press MUTE button on remote control to cancel mute function. ● Unplug the headphone.
Noise or other interface.	Electronic equipment near the unit is causing interface. Relocate the unit or move the equipment.

Product Fiche

Commercial Brand: LINSAR

Product No.	24" HD TV	
Model No.	24LED450H	
Energy efficiency class	A+	
Visible screen size (diagonal, approx.) (inch/cm)	23.6 inch	60 cm
On mode average power consumption (Watt)	19	
Annual energy consumption (kWh/annum)	28	
Standby power consumption (Watt)	<0.5	
Off mode power consumption (Watt)	0	
Display resolution (px)	1366 x 768	