

# **24" Widescreen LED TV with Built-in DVD Player**

**MODEL NO.: X24DVD-MK2**



## **USER MANUAL**

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

# IMPORTANT INSTRUCTIONS

## Safety information

### CAUTION:

DVD/VIDEO CD/CD PLAYER IS A CLASS 1 LASER PRODUCT. HOWEVER THIS DVD/VIDEO CD/CD PLAYER USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE DVD/VIDEO CD/CD PLAYER CORRECTLY AS INSTRUCTED.

WHEN THIS DVD/VIDEO CD/CD PLAYER IS PLUGGED TO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENING OF THE DISC TRAY AND OTHER OPENINGS TO LOOK INTO THE INSIDE OF THIS PLAYER.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

DO NOT OPEN COVERS AND REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

### WARNING:

- TO PREVENT FIRE OR SHOCK HAZARD. DO NOT USE THIS POWER CORD WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.  
- TO PREVENT FIRE OR SHOCK HAZARD. DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION - LASER RADIATION WHEN OPEN, DO NOT STARE INTO BEAM.  
VENTILATION WARNING - THE NORMAL VENTILATION OF THE PRODUCT SHALL NOT BE IMPEDED FOR INTENDED USE.



The lightning flash and arrow head within the triangle is a warning sign alerting you of "dangerous voltage" inside the product.

**CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN

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.



The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.

Always follow basic safety precautions when using electrical products, especially when children are present.

**WARNING:** To avoid the risk of electrical shock, make sure the product is unplugged from the electrical outlet before relocating, servicing, or cleaning it.

## Safety precautions

Read these safety instructions before using your device and store them for possible future reference.

- 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 impended for intended use.
- Always leave a minimum distance of 10 cm around the unit to ensure sufficient ventilation.
- Open 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.
- 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.



### LASER SAFETY

This set employs an optical laser beam system in the CD mechanism designed with built-in safeguards. Do not attempt to disassemble. Exposure to this invisible laser light beam may be harmful to the human eye. This is a Class-1 laser product. Use of controls, adjustments or procedures other than those specified herein may result in hazardous laser light beam exposure. This compact disc player should not be adjusted or repaired by anyone except qualified service personnel. The laser mechanism in the set corresponds to the stylus (needle) of a record player. Although this product uses a laser pick-up lens, it is completely safe when operated according to directions.

**NOTE:** The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications. Such modifications could void the user's authority to operate the equipment.

- 1) Operate turning controls and switches as instructed in the manual.
- 2) Before turning on the power for the first time, make sure that the power plug is properly installed.
- 3) Store your discs in a cool area to avoid damage from heat.

## **Battery Handling and Usage**

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- 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.

## **DISC Handling and Maintenance**

### **Handling precautions**

- Hold the disc by the edges so the surface will not be soiled with fingerprints. Fingerprints, dirt and scratches can cause skipping and distortion.
- Do not write on the label side with a ball-point pen or other writing utensils.
- Do not use record cleaning sprays, benzine, thinner, static electricity prevention liquids.
- Be careful not to drop or bend the disc.
- Do not install more than 1 disc on the disc compartment.
- Do not try to close the disc cover when the disc is not installed properly.
- Be sure to store the disc in its exclusive case when not in use.

### **If the surface is soiled**

Wipe gently with a soft, damp (water only) cloth.

When wiping discs, always move the cloth from the center hole toward the outside, which will not cause distortion. (If you wipe the discs using a circular motion, circular scratches are likely to occur, which will cause distortion.)

### **If the disc is brought from a cold to a warm environment, moisture may form on the disc.**

Wipe this moisture off with a soft, dry, lint-free cloth before using the disc.

### **Improper disc storage**

You can damage discs if you store them in the following places:

- Areas exposed to direct sunlight
- Humid or dusty areas
- Areas directly exposed to a heat outlet or heating appliance

# ACCESSORIES

User Manual.....	x 1
Remote Control.....	x 1
Adaptor Cable for Mini YPbPr.....	x 1
Adaptor Cable for Mini AV.....	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.

### **Hotel Lock**

### **Auto TV Scanning**

### **Digital Broadcasting Reception**

### **TV Guide Function**

### **TELETEXT (Europe) Function**

### **USB Multimedia Playback**

### **Multi-languages On Screen Display**

### **Full Function Remote Control**

### **LAN, HDMI, SCART, YPBPR, AV, VGA, PC AUDIO and CI Input**

### **EARPHONE and OPTICAL Output**

### **PVR Function**

### **TIME SHIFT Function**

### **BLUETOOTH Function**

### **Detachable Stand Holder**

### **External Antenna Jack**

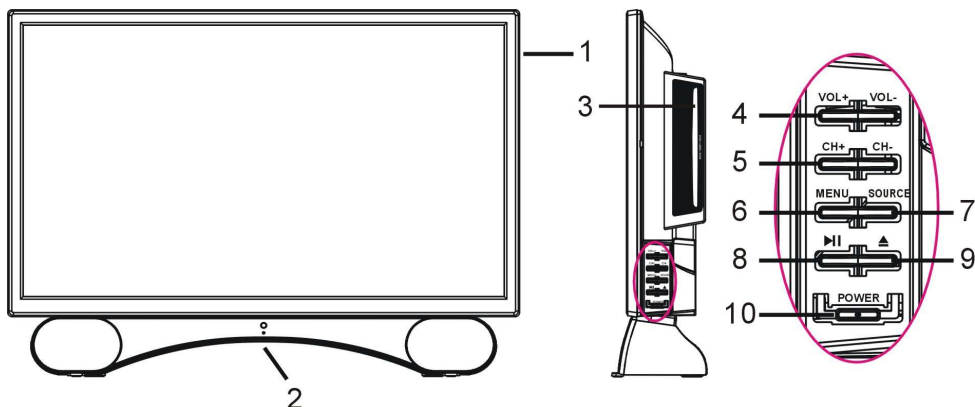
### **Built-in Speakers**

# GENERAL PARTS

## MAIN UNIT

Front View

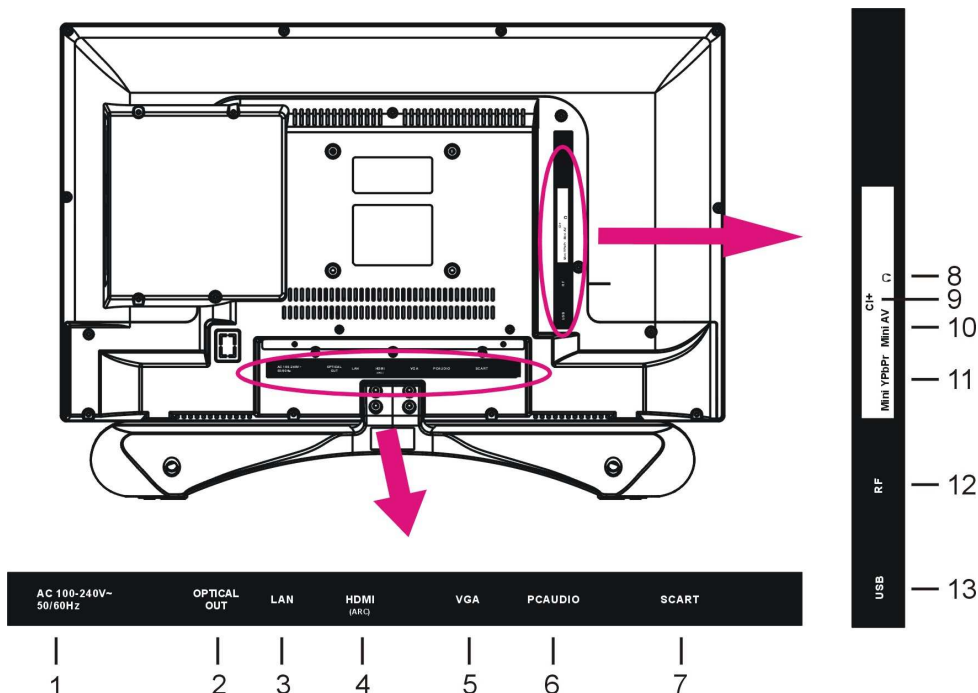
Side View



1. LED display screen
2. Remote control sensor / Power indicator - In standby mode the indicator light is red; when switching on the unit the indicator light is blue color.
3. Disc slot- To insert a disc according to the silk screen on the side of this slot.
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. ►|| - To play or pause playing (DVD).
9. ▲ - To open or close the disc compartment.
10. POWER button- To turn the TV ON/OFF.

# GENERAL PARTS

## Back View

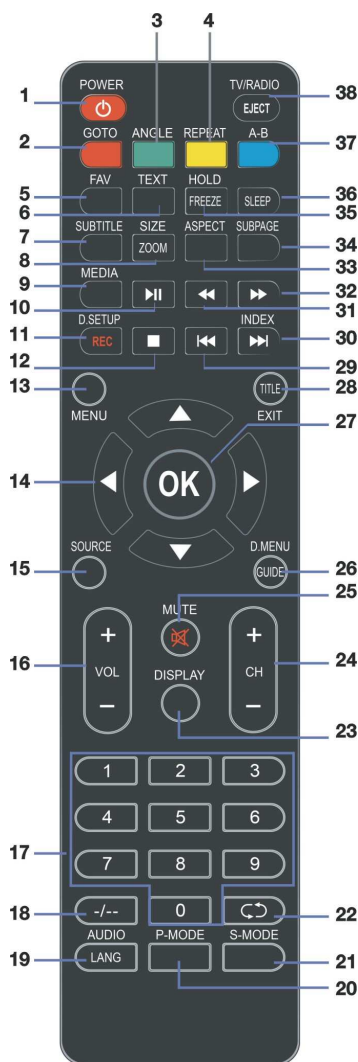


1. Power input (AC cord)
2. OPTICAL output terminal
3. LAN input terminal
4. HDMI input terminal
5. VGA input terminal
6. PC AUDIO input terminal
7. SCART input terminal
8. EARPHONE output terminal
9. CI+ input terminal
10. Mini AV input terminal
11. Mini YPbPr input terminal
12. RF input terminal- To connect the external antenna.
13. USB input terminal



## REMOTE CONTROL

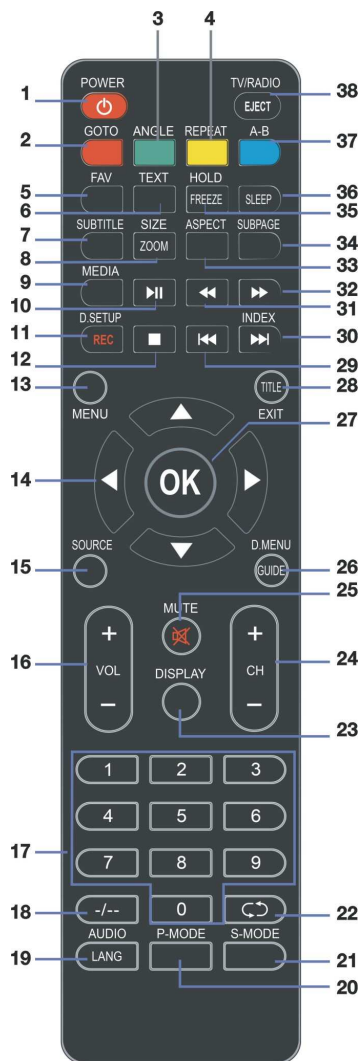
- 1 **POWER:** Set the unit in standby mode; press it again to switch it on.
- 2 **GOTO:** Jump to a different chapter of DVD.\*
- 3 **ANGLE:** View DVD playback from different angles, if the DVD has this feature.\*
- 4 **REPEAT:** Repeat different chapter/title or entire DVD.\*
- 5 **FAV:** Press to 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 picture size.
- 9 **MEDIA:** Select USB mode.
- 10 **▶||** : PLAY/PAUSE in TIMESHIFT and USB mode.
- 11 **RECORDER/D-SETUP:** Record / Display the main disc 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.

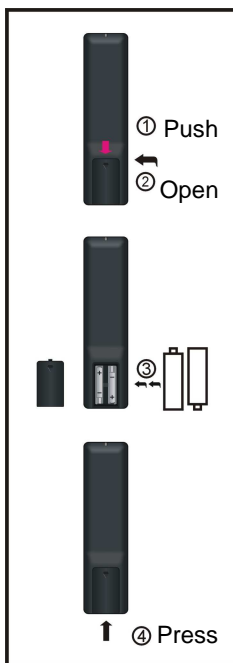
## **REMOTE CONTROL OPERATION**

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).

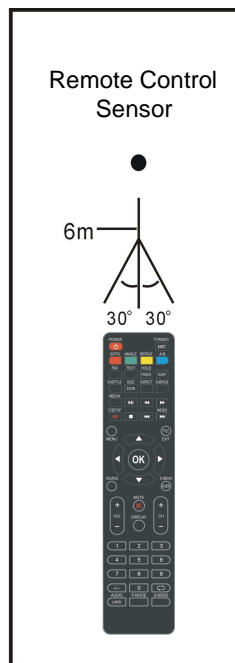
#### **NOTES:**

- 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**



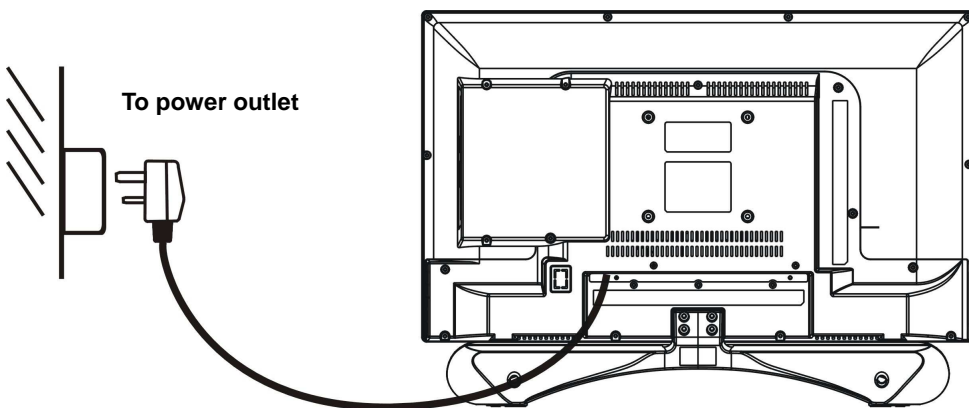
**Fig2**



## BASIC CONNECTION

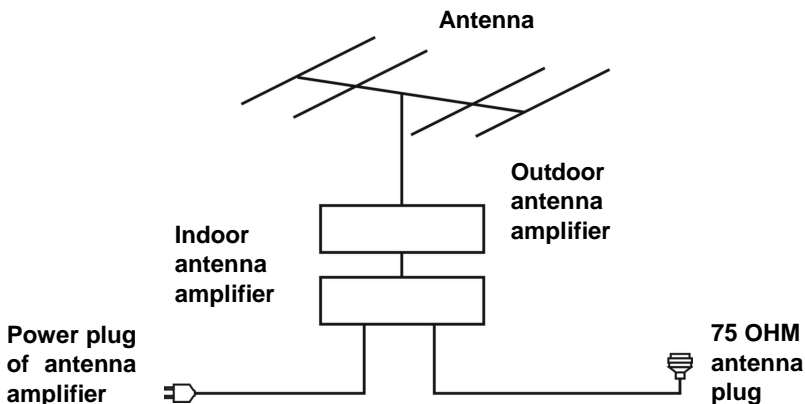
- Ensure all the cables are disconnected from the main unit before connecting to AC power source.
- Read through the instructions before connecting other equipments.

### CONNECTING TO AC POWER SOURCE

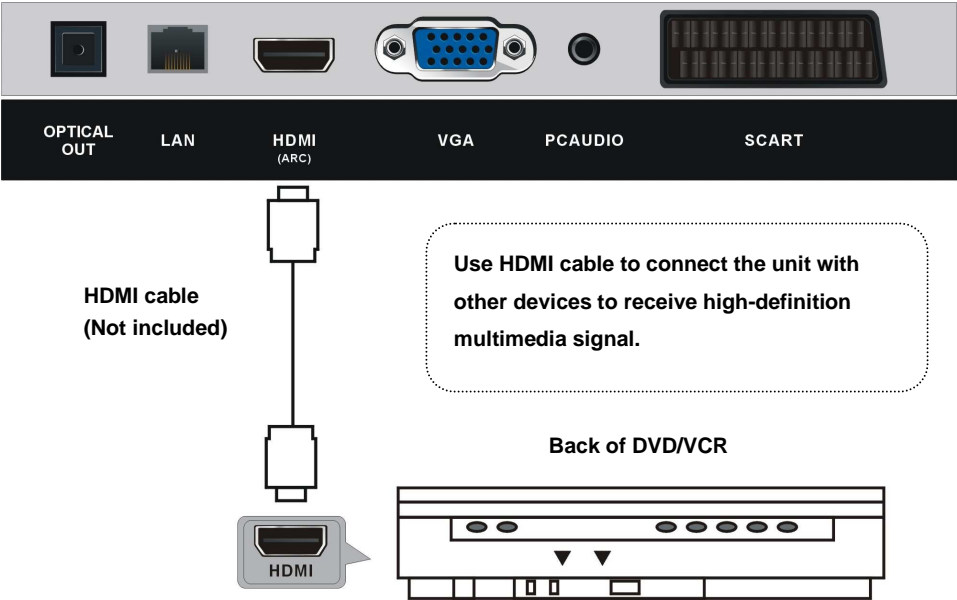


### CONNECT EXTERNAL ANTENNA TO UNIT

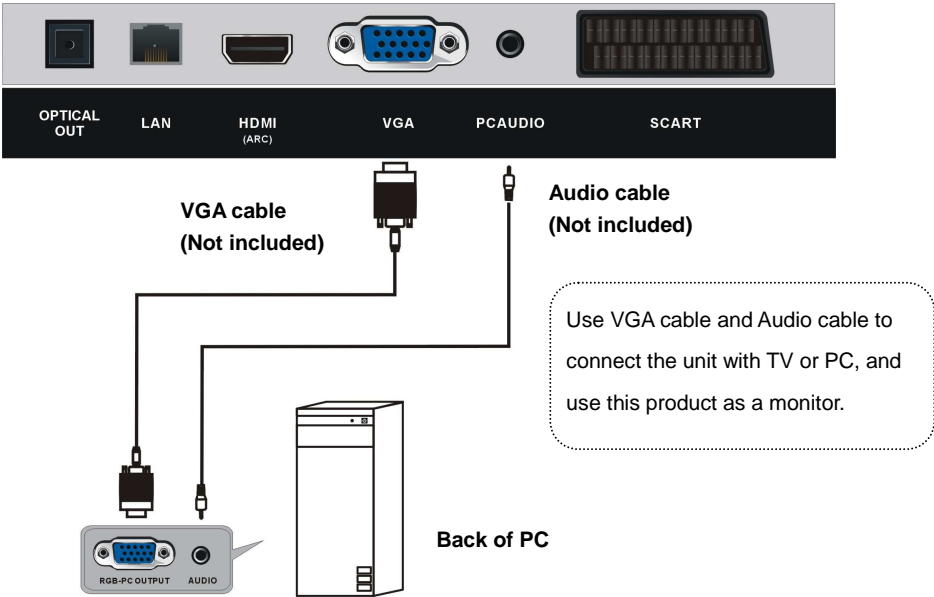
Install external antenna into antenna jack for best picture.



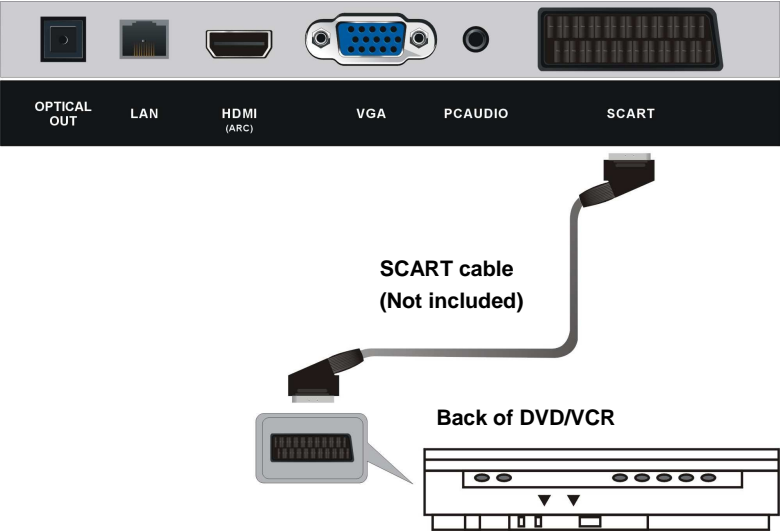
**HDMI CONNECTION**



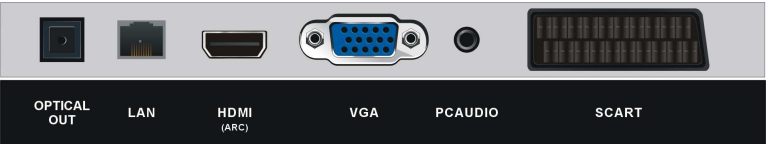
**PC/VGA CONNECTION**



## SCART CONNECTION

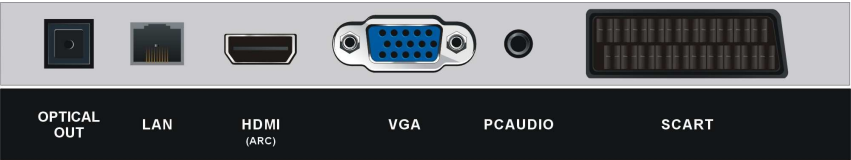


## OPTICAL CONNECTION



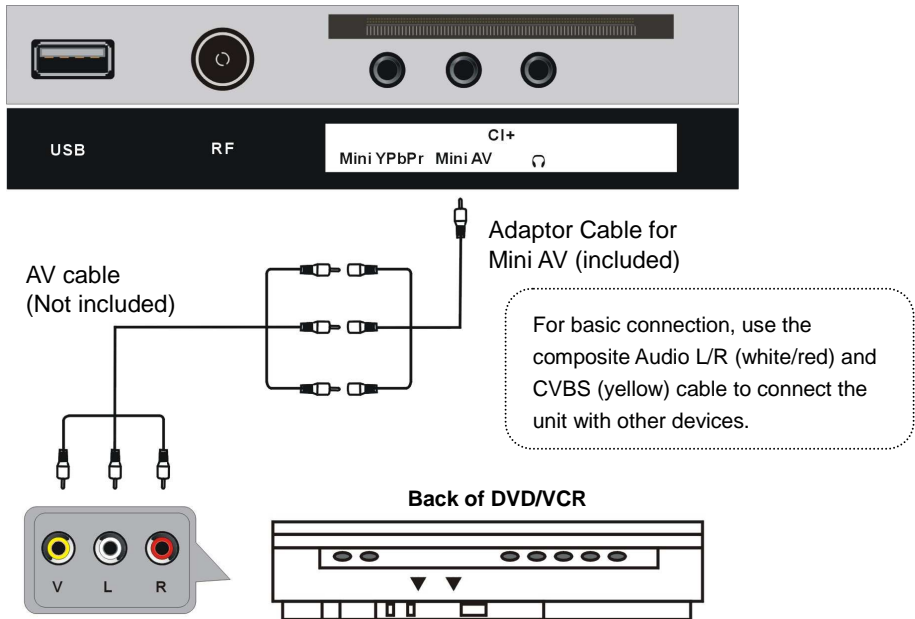
Use Optical cable to connect the unit with amplifier or other audio decoding devices for audio signal output.  
(Optical cable is not included.)

## LAN CONNECTION

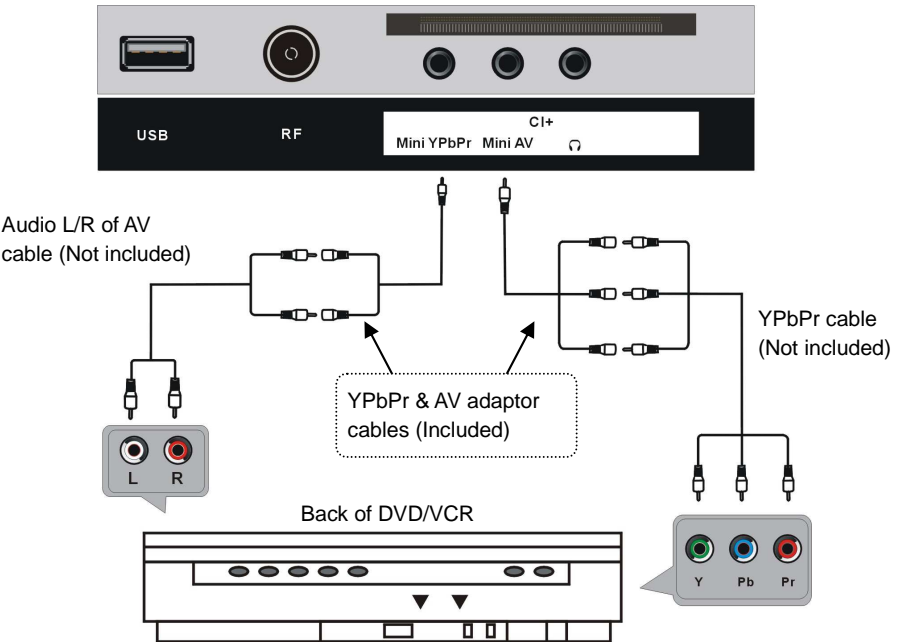


Use a LAN cable (not included) to connect this TV with available network.  
**NOTE:** Please connect to network for software updates.

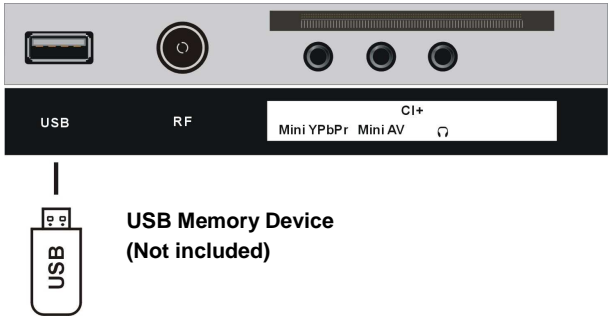
**AV (COMPOSITE VIDEO) CONNECTION**



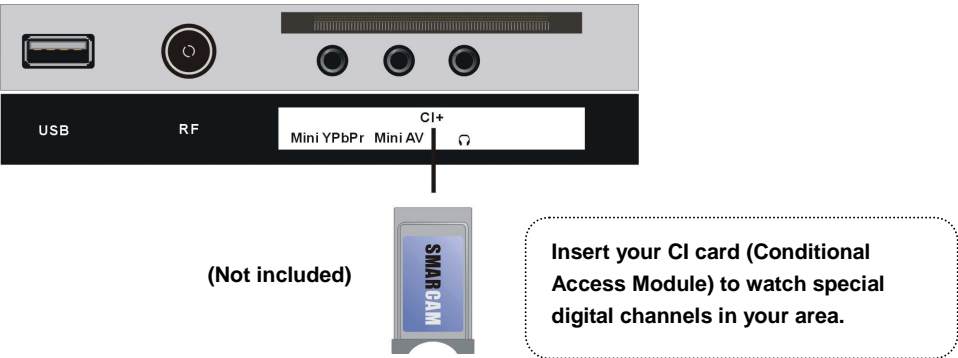
**YPBPR CONNECTION**



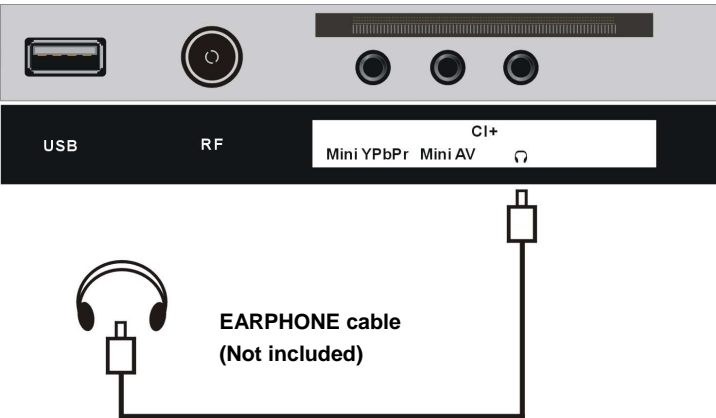
**USB CONNECTION**



**INSERT A CI CARD**



**EARPHONE CONNECTION**





# MAIN MENU

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

## ***Common procedure for initial settings***

- Press MENU button on the unit or remote control to display the main menu.
- Press LEFT or RIGHT navigation button to select different menus.
- Press UP or DOWN navigation button to select the item that want to adjust.
- Press OK button to enter adjusting menu page.
- Press MENU button to save current setting and return to previous menu page.
- Press EXIT button to exit menu page.

## **First Time Installation**

- Connect to power source and turn on this TV, then below setup page will display on the screen:

### ***Language***

- Press LEFT/RIGHT navigation button to select desired on-screen display language.

### ***Country***

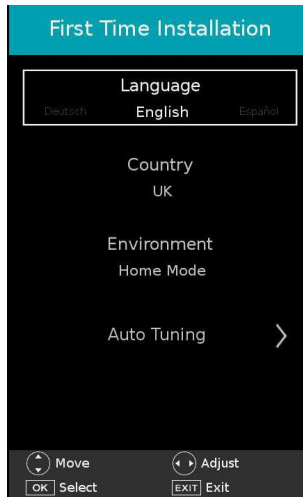
- Press LEFT/RIGHT navigation button to select the country you're living in.

### ***Environment***

- Press LEFT/RIGHT navigation button to select Home or Store mode.

### ***Auto Tuning***

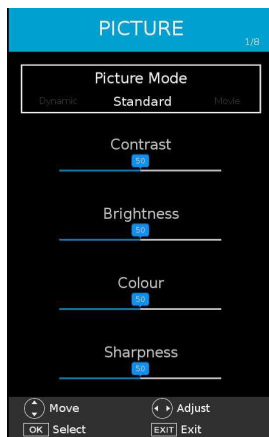
- Press OK button to start auto tuning.



# DTV MODE

- Press SOURCE button on the unit or remote control to select DTV input source.

## 1. PICTURE



### 1.1 Picture Mode

- Press LEFT/RIGHT navigation button to select an option.

Available options: Standard, Movie, Personal, Dynamic.

**Contrast / Brightness / Saturation / Sharpness:** adjustable value: 0-100.

**NOTE:** When the value of Contrast / Brightness / Colour / Sharpness is changed, Picture Mode will turn to "Personal" automatically.

### 1.2 Colour Temp

This item is used to adjust the optimum color temperature for suitable viewing.

Available options: Normal, Warm, Cold.

### 1.3 Aspect Ratio

This item is used to adjust the video size.

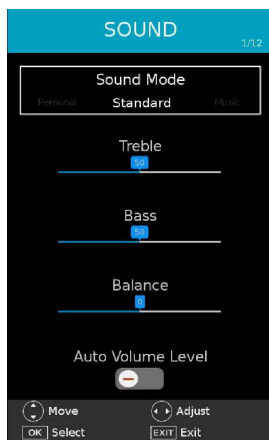
Available options: Auto, 4:3, 16:9, Zoom1, Zoom2.

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

### 1.4 Expert Settings

This item is used to turn on/off Noise Reduction function.

## 2. SOUND



### 2.1 Sound Mode

- Press LEFT/RIGHT navigation button to select an option.

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

**Treble / Bass:** adjustable value: 0-100.

**NOTE:** When the value of Treble or Bass is changed, Sound Mode will turn to “Personal” automatically.

### 2.2 Balance

This item is used to adjust the audio output between left and right speaker from -50 to 50.

### 2.3 Auto Volume Level

This item is used to turn on/off Auto Volume Level function.

### 2.4 DTS TruSurround

This item is used to turn on/off DTS TruSurround function.

### 2.5 Digital Output

Available options: Auto, PCM, Off.

### 2.6 Audio Description

This item is used to turn on/off Audio Description function.

**NOTE:** For Visually Impaired users, this function can help to know a certain scene or action through the narration, instead of see it. This function works only when you are viewing programs that contain related narration information.

**When “Audio Description” is turned on:**

**AD Volume:** Select desire volume level.

**Audio Language:** Select audio language if available for current program.

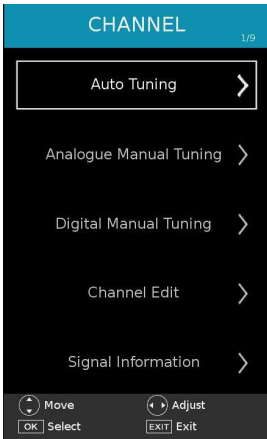
**2.7 Audio Delay**

Adjust this item if TV picture display and sound doesn’t work simultaneously.

**2.8 SPDIF Delay**

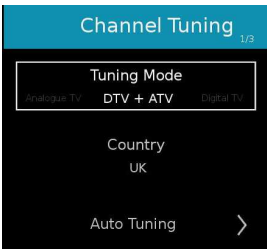
Adjust this item if TV picture display and sound doesn’t work simultaneously.

**3. CHANNEL**



**3.1 Auto Tuning**

- Press OK or RIGHT navigation button to enter it.
- Use navigation buttons to set the Tuning Mode and Country
- Then highlight “Auto Tuning” and press OK to start program tuning.



**3.2 Analogue Manual Tuning**

- Press OK or RIGHT navigation button to enter it.
- Storage To:** select the channel number to be saved.
- System:** select available sound system.
- Current CH:** select current channel.
- Search:** search available programs.
- Fine Tune:** fine tune the frequency.

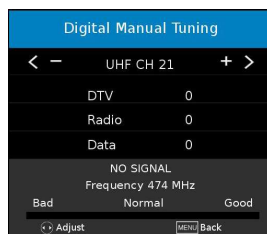


### 3.3 Digital Manual Tuning

- Press OK or RIGHT navigation button to enter it.
  - Use LEFT/RIGHT navigation button to select the channel.
- Then press OK button to start searching.

### 3.4 Channel Edit

- Press OK or RIGHT navigation button to enter it.
- Press UP/DOWN navigation button to highlight desired channel.
- Press RED button on remote control to delete highlighted channel.
- Press YELLOW button on remote control to enter MOVE mode. Then use UP/DOWN navigation button to select preferred position and press YELLOW button again to move it.
- Press BLUE button on remote control to skip highlighted channel.
- Press FAV button to set current channel as a favorite channel, and press FAV button again to set it as a normal channel.



### 3.5 Signal information

This item is used to display signal details, for example: channel number and strength.

### 3.6 CI Information

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

### 3.7 Recorded List

If recorded some programs in advance, users can watch all recorded programs here.

- Use navigation buttons to select a program.
- Press OK to play the highlighted program.
- Press ■ button to stop playing.

### 3.8 Schedule List

If already set a reminder through EPG menu, users can watch all preset programs here.

- Press BLUE button to edit preset reminder.
- Press GREEN button to sort by Time or Channel Name.
- Press RED button to delete highlighted option.

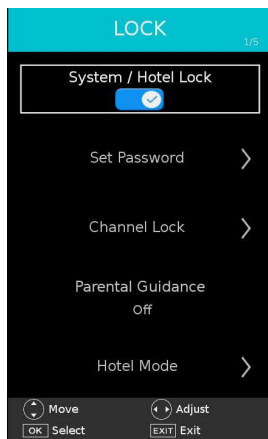
### 3.9 OAD (On Air Download)

Turn on/off On Air Download. It's used for software updating.

## 4. LOCK

- Press OK or RIGHT navigation button to enter it.
- Input the factory default password “0000” using number buttons on remote control.
- Press UP/DOWN navigation button to select preferred item.

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



### 4.1 System/Hotel Lock

This item is used to turn on/off Lock System.

### 4.2 Change Password

- Input the old password using number buttons on remote control and then input your private password twice to finish it.

### 4.3 Channel Lock

- Press OK or RIGHT navigation button to enter it.
- Press UP/DOWN navigation button to select the channel which you want to lock.
- Press GREEN button repeatedly to lock/unlock the highlighted channel.

### 4.4 Parental Guidance

This item is used to select desired program rating.  
Available options: Off, 4 and above to 18 and above.

## 4.5 Hotel Mode

- When highlighted, press OK to enter it:
- Press UP/DOWN navigation button to move the cursor.
- Press LEFT/RIGHT navigation button to adjust the value.
- Press OK or RIGHT navigation button to enter submenu.
- Press MENU button to return to previous page.

**Warm Tip:** We strongly advise that you use Hotel Mode in hotels and you should just ignore it if take this TV for home use only.

**Hotel Mode:** Turn on/off Hotel lock.

**Source Lock:** Turn on/off the lock of all available sources.

**Default Source:** Select the default source.

**DTV Channel Type:** Select the default channel type when Default Source is “Digital TV”

**Default Prog:** Select the default channel.

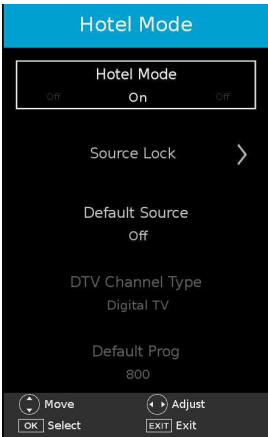
**Default Volume:** Set the default volume.

**Max Volume:** Set the maximum volume.

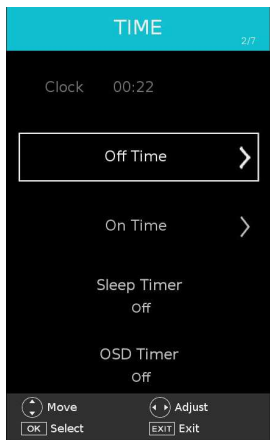
**Clear Lock:** Clear above settings.

**USB clone to TV:** Clone database from external USB device.

**TV clone to USB:** Clone database to external USB devices.



## 5. TIME



## 5.1 Clock

It displays current system time.

## 5.2 Off Time

- Press OK or RIGHT navigation button to enter it.
- Use navigation buttons to select an option or adjust the value.

**Off Time:** available options: Off / Once / Every Day / Mon~Fri / Mon~Sat / Sat~Sun / Sun.

**Time:** press OK button to enter adjusting mode and press 0~9 numeric button to input the hour and minute.

## 5.3 On Time

- Press OK or RIGHT navigation button to enter it.
- Use navigation buttons to select an option or adjust the value.

**On Time:** available options: Off / Once / Every Day / Mon~Fri / Mon~Sat / Sat~Sun / Sun.

**Time:** press OK button to enter adjusting mode and press 0~9 numeric button to input the hour and minute.

**Input Source / Channel / Volume:** use navigations to select desired option.

## 5.4 Sleep Timer

This item is used to set the automatic sleep time when no signals.

Available options: Off, 10/20/30/60/90/120/180/240 minutes.

## 5.5 OSD Timer

This item is used to select desired OSD menu duration.

Available options: Off, 5/15/30/60 seconds.

## 5.6 Auto Standby

This item is used to select desired Auto Sleep (standby) duration when no operations were done through the remote control.

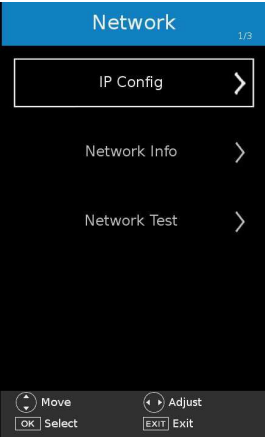
Available options: Off, 3, 4 or 5 hours.

## 5.7 Time Zone

This item is used to select desired time zone.



## 6. NETWORK



### 6.1 IP Config

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

- Press OK or RIGHT navigation button to enter it.
- Press UP/DOWN navigation button to highlight desired channel.

**Mode:** select Auto to gain IP address automatically; select Manual to configure IP manually.

**IP / Netmask / Gateway / DNS:** press OK button to enter adjusting mode and use numeric buttons on remote control to

**MAC Addr:** show the MAC address.

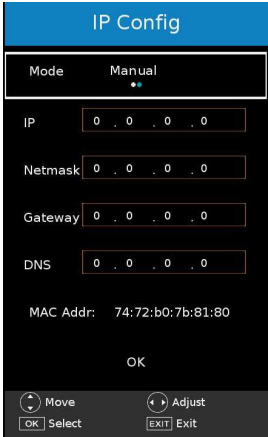
When above settings are finished, highlight “OK” on this menu and press OK button on remote to finish configuration.

### 6.2 Network Info

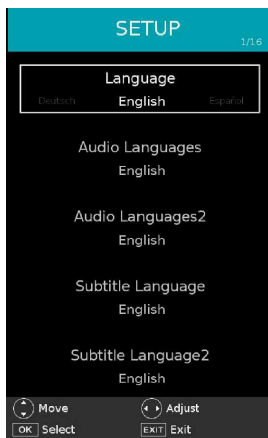
This item is used to show IP Address, Mask, Gateway and so on information.

### 6.3 Network Test

This item is used to test the network condition.



## 7. SETUP



### 7.1 Language

This item is used to select desired on-screen display language.

### 7.2 Audio Languages

This item is used to select desired audio languages.

### 7.3 Audio Languages2

This item is used to select desired audio languages.

### 7.4 Subtitle Language

This item is used to select available subtitle languages.

### 7.5 Subtitle Language2

This item is used to select available subtitle languages.

### 7.6 Hearing Impaired

This item is used to turn on/off Hearing Impaired function. For Hearing Impaired users, this function can assist help to know a certain scene or action through the caption, instead of hearing it.

**NOTE:** Hearing impaired function works only when you are viewing programs that contain related caption information.

### 7.7 Blue Screen

This item is used to turn on/off Blue Screen. The screen background will turn blue at very weak or no signal condition, if Blue Screen is ON.

## 7.8 PVR File System

- Press OK or RIGHT navigation button to enter it.
- Press UP/DOWN navigation button to select desired option and press LEFT/RIGHT navigation button to adjust it.
- Press OK button to enter submenu or confirm setting.

In this part, you can select desired disk, check speed, format your USB memory device or set desired Timeshift size.



## 7.9 First Time Installation

This item is used to recall First Time installation menu.

## 7.10 Software Update (USB)

This item is used to update software through USB memory device.

## 7.11 Software Update (Net)

This item is used to update software through network.

## 7.12 Reset TV

This item is used to reset to factory default settings.

## 7.13 HDMI CEC

### To use HDMI CEC function:

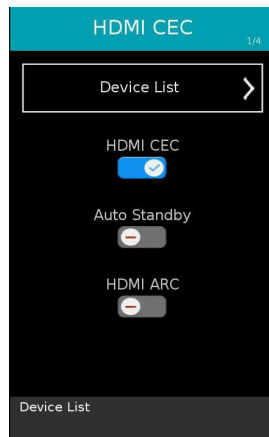
- Make sure the HDMI device (Amplifier, etc.) is connected correctly.
- Press SOURCE button on the unit or remote control to select HDMI input source.

**Device List:** display all available devices.

**HDMI CEC:** turn on/off HDMI CEC.

**Auto Standby:** turn on/off Auto Standby function

**HDMI ARC:** turn on/off ARC function.



## 7.14 Version info

Display the version information.

## 7.15 Environment

Select Home or Shop mode.

## 7.16 Shipping Condition

Reset this product to shipping condition.

## **ATV AND OTHER MODES**

- Press SOURCE button on the unit or remote control to select desired input source.
- For these modes, please refer to the menu operations of DTV mode.

## **PC/VGA MODE**

- Connect a personal computer to this unit.
- Power on your computer and this unit.
- Press SOURCE button on the unit or remote control to select PC/VGA input source.
- Press MENU button to display the main menu and select "PC" using LEFT/RIGHT navigation button and press OK to enter it.
- Press UP/DOWN navigation button to select preferred item.
- Press OK button to enter submenu. Press LEFT/RIGHT navigation button to adjust the value.

### **1. Auto Adjust**

This item is used to adjust the PC screen automatically.

### **2. H-Offset**

This item is used to adjust the value of horizontal position.

### **3. V-Offset**

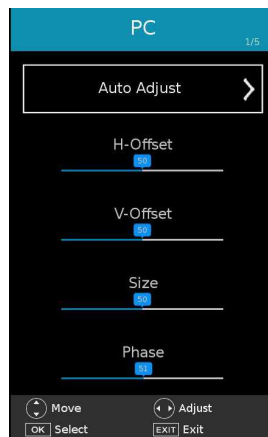
This item is used to adjust the value of vertical position.

### **4. Size**

This item is used to adjust the signals transfer speed.

### **5. Phase**

This item is used to adjust the picture apply to the screen.



**NOTE:** For other menu operations in PC/VGA mode, please refer to the menu operations of DTV mode.

**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 **POWER** 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).

### DVD

- Press **SOURCE** button on the unit or remote control to switch the unit to DVD mode.

### 1. Basic play

- a) Make sure the disc compartment has no disc. Place a disc into the disc compartment. Hold the disc without touching either of its surfaces, position it with the readable (mirror) side facing towards you, then the disc will automatically enter into the disc compartment; or you can press **EJECT** button on remote control to enter the disc into the disc compartment.
- b) Once the disc is in the disc compartment, the player starts to read the disc immediately.
- c) When a menu screen appears on the unit, move the navigation buttons or press the number buttons to select preferred track number, then press **OK** button to confirm.
- d) To stop playing and return to the menu screen, press **TITLE** or **D.MENU** button.

### 2. Stopping play

Press **■** (STOP) button to stop playing.

**NOTE:** When player is stopped, the player records the point where STOP was pressed (RESUME function). Press **▶▶** (PLAY) button again, playback will resume from this point. When the tray is taken out or **■** (STOP) is pressed again, the RESUME function will be cleared.

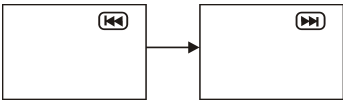
### 3. Skipping ahead or back

#### Skipping ahead

During playback, press **▶▶** button to skip the next chapter (DVD) or a track (Video CD/CD).

#### Skipping back

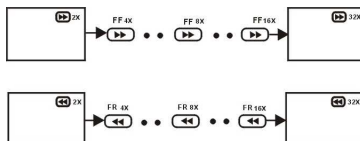
During playing, press **◀◀** button to skip the previous chapter (DVD) or track (Video CD/CD).



## 4. Fast forward/Fast backward

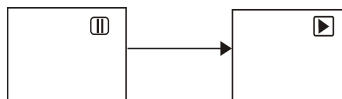
During playback, press ►► button or ◀◀ button to fast forward/backward.

Press ►| (PLAY) button to resume normal play.



## 5. Pause/play

During playback, press ►| button to pause playing, press it again to resume normal playback.



## 6. MP3 playback

a) Insert the disc containing the files in MP3 format to be played and after a few seconds, the screen of the monitor will show all the folders on the disc.

b) Select the folder you want to play by the navigation buttons and press the OK button to confirm.

c) The files in this folder are displayed and select the desired song by navigation buttons, then press the ►| (PLAY) or OK button to start playback.

d) In file selecting page, press ►► or ◀◀ button to turn the current menu page to the next or previous menu page.

e) Press YELLOW (REPEAT) button on remote control to change play mode.

- SHUFFLE: all the files will be randomly sorted and played by the order.
- RANDOM: randomly select any file to play.
- SINGLE: play one file only.
- REPEAT ONE: repeat one file.
- REPEAT FOLDER: all the files in the folder will be played repeatedly.
- FOLDER: all the files in the folder will be played.



## 7. MPEG4 playback

a) Insert the disc containing the files in MPEG4 format to be played and after a few seconds, the screen of the monitor will show all the folders on the disc.

b) Select the folder you want to play by the navigation buttons and press the OK button to confirm.

c) The files in this folder are displayed and select the desired file by navigation buttons, then press the ►► (PLAY) or OK button to start playback.

d) During normal playing, press ►► or ◀◀ button, the player will play the next or previous file.

e) Press YELLOW (REPEAT) button to change play mode.

- SHUFFLE: all the files will be randomly sorted and played by the order.

- RANDOM: randomly select any file to play.

- SINGLE: play one file only.

- REPEAT ONE: repeat one file.

- REPEAT FOLDER: all the files in the folder will be played repeatedly.

- FOLDER: all the files in the folder will be played.

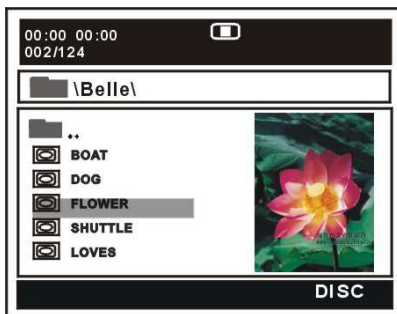
f) Press D.MENU button to return to play list page.



## 8. JPEG playback

For JPEG picture CD, select the folder you want to play by the navigation buttons and press OK button to confirm. The files in this folder are displayed and select your pictures by using the up/down navigation buttons and press OK button to start playback. Thumbnail of picture will be displayed while you scrolling across the file name.

Once a folder and file is selected, the picture is loaded on the screen.



**NOTE:** The time to load and display picture depends on the file size of the pictures.

During playback, press D.MENU button to return to file selecting page.

Press YELLOW (REPEAT) button to change play mode:

- SHUFFLE: all the files will be randomly sorted and played by the order.

- RANDOM: randomly select any file to play.

- SINGLE: play one file only.

- REPEAT ONE: repeat one file.

- REPEAT FOLDER: all the files in the folder will be played repeatedly.

- FOLDER: all the files in the folder will be played.

## Skip to next/previous picture

Press ►► button to skip to the next picture or ◀◀ button to skip to the previous picture. If no key is pressed for 3 seconds, it will skip to next picture automatically.

## Rotating pictures

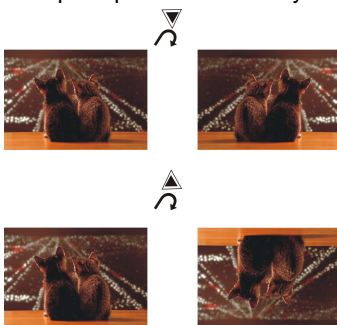
- Press RIGHT navigation button to rotate the picture clockwise.
- Press LEFT navigation button to rotate the picture counter-clockwise.



## Flipping pictures

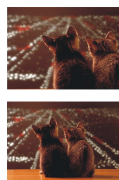
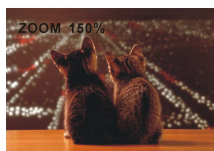
Press UP navigation button to flip the picture vertically.

Press DOWN navigation button to flip the picture horizontally.



## Picture Shrink/Zoom

Press ZOOM button repeatedly to enlarge or shrink picture to 50%, 75%, 100%, 125%, 150% and 200%.



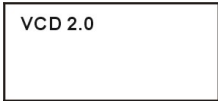
If the picture is enlarged, you may press navigation buttons to pan across other portions of the picture.



## 9. Enjoying Video CD with playback control

---

a) When playing VCD 2.0 with PBC, the player will show the VCD version.



b) Press D.MENU button on remote control repeatedly to set PBC ON or OFF.

c) Press numeric buttons to select corresponding track.

Example: Track 9, press 0 and 9, several seconds later, it will automatically switch to track 9.

Track 15, press -/-- and 5, several seconds later, it will automatically switch to track 15.

d) Press ►► button or ◄◄ button, the player will play the next or previous track.

## 10. Viewing from different angle (DVD only)

---

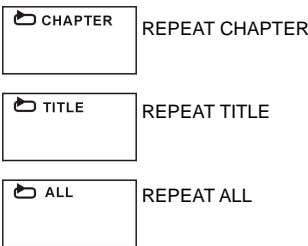
Some DVDs may contain scenes which have been shot simultaneously from a number of different angles. For these discs, the same scene can be viewed from each of these different angles using the ANGLE button.

## 11. Repeat play

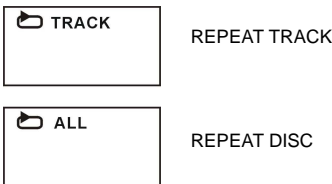
---

Press YELLOW (REPEAT) button during play, it will repeat play one chapter or one title (for DVD disc), or repeat play track (for VCD/CD).

### DVD DISC



### VCD/CD DISC (In the PBC OFF mode)



### A-B repeat play

Repeating sections between two specific points (A-B repeat)

a) Press BLUE (A-B) button during playing at the point where repeat play is to be started (A).

b) Press BLUE (A-B) button at the point where repeat play is to be ended (B). Repeat play of the selection between points A and B starts.

c) Press BLUE (A-B) button again to return to normal play.

## 12. GOTO

---

Press GOTO button continuously to select the item you want to set and enter a time number, chapter number, track number, etc. Accordingly, the disc will be played from the selected point.

## 13. On screen display information

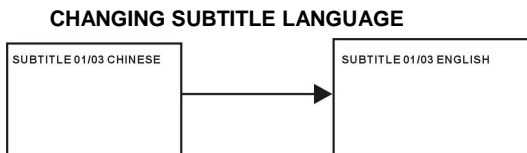
---

Press DISPLAY button to display playing information.

## 14. Change subtitle language (DVD only)

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It is possible to change the subtitle language to a different language from the one selected at the initial settings. ( This operation works only with discs on which multiple subtitle languages are recorded)



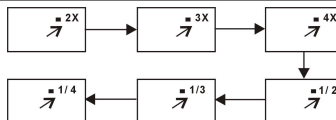
1. Press SUBTITLE button during play, the screen will display the current language.
2. Press SUBTITLE button again to change language or turn off.

**NOTE:** When no subtitles are recorded, press this button will not work.

## 15. ZOOM play

---

This function allows you to enjoy a motion picture.  
Press ZOOM button when playing, the screen shows:  
Press navigation button to scroll across the enlarged picture.



## 16. Changing audio soundtrack language (DVD/VCD/CD disc)

---

It is possible to change the audio soundtrack language to a different language from the one selected at the initial settings (This operation works only with discs on which multiple audio soundtrack languages are recorded).

- Press LANG button while playing DVD disc the screen will display the number of current soundtrack languages, pressing the button again will change the language.
- Pressing LANG button while playing VCD/CD disc will change audio output mode: LEFT MONO, RIGHT MONO, MIX-MONO and STEREO soundtrack.

**NOTE:** When no soundtrack languages are recorded, pressing this button will not work.  
When the power is turned on or the disc is removed, the language heard is the one selected at the initial settings.

# 17. Initial settings

Once the initial programming is entered it will be retained in memory until changed, the player can always be operated under the same conditions.

## Common procedure for initial settings

- Press D.SETUP button on remote control.
- Use the navigation buttons to select preferred item, and press OK button, each screen for setting the value is displayed. Then move the navigation buttons to set the item and press OK button to confirm the settings.
- Press D.SETUP button again to close setup menu.
- Use LEFT or RIGHT navigation button to switch to another main setup item. Then press RIGHT or OK button to enter submenu page; press LEFT button to return to previous menu page.

## 1. GENERAL

**1.1 TV DISPLAY** - It is for selecting TV output mode.

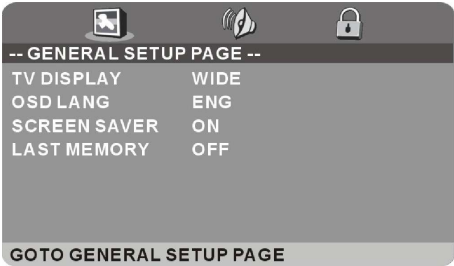
**Options:**

- a) Normal /PS: Pan & scan mode.
- b) Normal/ LB: Letter box mode.
- c) Wide: 16:9 wide screen mode.

**1.2 OSD LANG** - It is used to choose your desired OSD language.

**1.3 SCREEN SAVER** - If no operation is carried out for 5 minutes, screen saver will display on the screen when SCREEN SAVER is ON.

**1.4 LAST MEMORY** - Enter another input source during DISC playback, and then back to DVD input source again, this unit will resume playback from the point where last playback was stopped, if LAST MEMORY is ON.



## 2. AUDIO

**Downmix** - It is used to select desired audio output mode.

**Options:**

- a) LT/RT-Left/Right mix mode
- b) STEREO

## 3. PREFERENCE

**3.1 TV TYPE** - Select desired TV system.

**3.2 AUDIO** - Select desired audio language, if your disc contains multiple audio languages.

**3.3 SUBTITLE** - Select desired subtitle language, if your disc contains multiple subtitle languages.

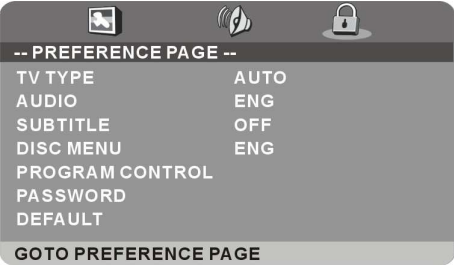
**3.4 DISC MENU** - Select desired language of your disc menu, if your disc menu contains multiple MENU languages.

**3.5 PROGRAM CONTROL** - Select desired program rating.

**3.6 PASSWORD** - Change the password. Input the password using number buttons on remote control.

**NOTE:** The factory default password is "0000", you can change it, but you should keep it safe. If you forget it, please use the universal password "4711".

**3.7 DEFAULT** - It is used to reset to factory settings.



# TV

**- Press SOURCE button on the unit or remote control to switch the unit to 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 TV), ATV (Analogue TV), Composite / AV, SCART, Component / YPbPr, PC (or VGA), HDMI, USB, DVD, Bluetooth.

## **PICTURE MODE**

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

Available options: Standard, Movie, Personal, Dynamic.

## **SOUND MODE**

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

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

## **SLEEP TIME SETTING**

- Press SLEEP button on remote control repeatedly to select SLEEP TIME directly.

Available options: Off, 10/20/30/60/90/120/180/240 minutes.

VIDEO SIZE SETTING

- Press ASPECT button on remote control repeatedly to select VIDEO SIZE directly. Available options: Auto, 4:3, 16:9, Zoom1, Zoom2.
- NOTE:** If there's no signal, pressing ASPECT button will not work. And the available video size may be different for different input source.

MULTIAUDIO SETTING

- Press AUDIO button on remote control repeatedly to select desired audio language.
- NOTE:** To enable this function, make sure that the channel you are viewing supports multi-audio languages.

INFORMATION DISPLAY

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

TV GUIDE (FOR DTV MODE ONLY)

- Press GUIDE button on remote control to enter EPG menu page.

PROGRAMME GUIDE				
16 Sep 2012		17:00 - 1800 (1Hour0Min)		
2/5. Wildlife documentary telling the story of Moja, a five-month-old lion cub living with his single lioness mum, Nyota, in Kenya's Masai Mara. Together, they face a fight for life. Also in HD. [S]				
16 Sep 2012		17:55		16 Sep 2012
1	BBC ONE	17:00 - 1800	Planet Earth Live: A Lion's Tale	Now
2	BBC TWO	18:00 - 18.20	BBC News	Next
7	BBC THREE	18:20 - 19:30 BBC London News		
9	BBC FOUR			
 Record	 Remind	 Freeview		
 Prev Day	 Next Day	 Info		
		 Move		

- Press UP/DOWN navigation button to select preferred program
- Press LEFT/RIGHT navigation button to switch between left column and right column.
- Press RED button to enter recorder setting page.
- Press GREEN button to enter reminder setting page.
- Press YELLOW button to display program guide of previous day.
- Press BLUE button to display program guide of next day.

## QUICK SELECT

When watching an available channel, press OK button on remote control to enter Channel List menu page.

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

## FAVORITE LIST

When watching an available channel, press FAV button on remote control to enter Favorite List menu page.

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

## TELETEXT

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

## TV/RADIO (FOR DTV MODE ONLY)

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

## SUBTITLE

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

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

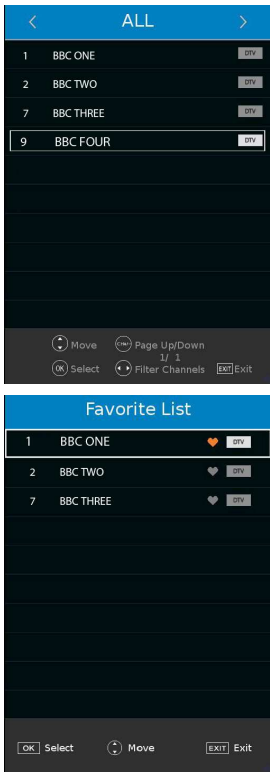
## FREEZE

- During normal playing, press FREEZE button on remote control to hold the picture, and press it again to resume normal playing.

## BLUETOOTH

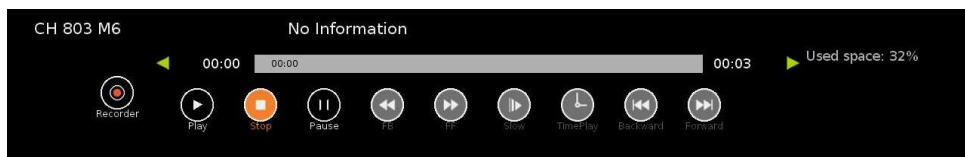
- Press SOURCE button on Remote Control and select Bluetooth mode.
- Activate your Bluetooth device, search and connect the name “Linsar Soundbar TV” .
- When the TV works in Bluetooth mode, it will auto connect the last paired device.  
If you want to disconnect the last paired device, you should manually disconnect via the last paired device.

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## RECORDER (FOR DTV MODE ONLY)

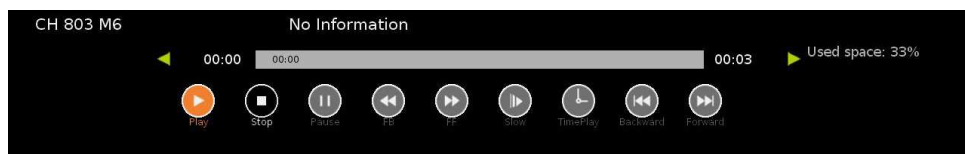
- Insert your USB memory device into USB slot first.
- When watching digital programs, press **REC** button on remote control and below tool bar will appear on the screen:



- Press LEFT or RIGHT navigation button to select desired option. Press OK button to confirm selection.
- If the tool bar disappeared, press EXIT button on remote control to display it again.
- Press **■** button to stop recording.

## TIMESHIFT (FOR DTV MODE ONLY)

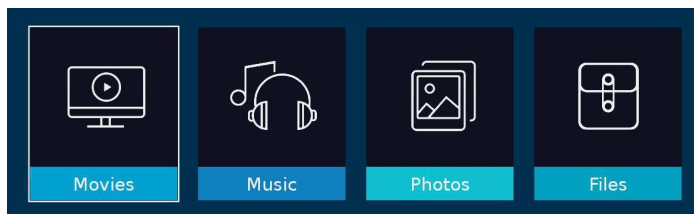
- Insert your USB memory device into USB slot first.
- When watching digital programs, press **⏮** button to enable TIMESHIFT function.



- Press LEFT or RIGHT navigation button to select desired option. Press OK button to confirm selection.
- If the tool bar disappeared, press EXIT button on remote control to display it again.
- Press **■** button to stop timeshift.

## MEDIA PLAYBACK

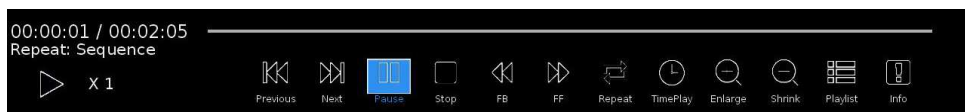
- Insert a USB memory device into USB slot before following operations.
- Press MENU button on Remote Control to display the OSD menu.
- Use navigation buttons to select "USB Media" and press OK button to enter it.
- Press UP/DOWN/LEFT/RIGHT navigation button to move the cursor.
- Press EXIT button to return.





## 1. MOVIE

- Press LEFT/RIGHT navigation button to select Movie in the main menu and press OK button to enter it.
- Use navigation buttons to select desired folder or file and press OK to start playback.
- Press DISPLAY button to dismiss/recall the tool bar. Use navigation buttons to select desired option and press OK to confirm it.



- Press EXIT button to return.

## 2. MUSIC

- Press LEFT/RIGHT navigation button to select Music in the main menu and press OK button to enter it.
- Use navigation buttons to select desired folder or file and press OK to start playback.
- Press DISPLAY button to dismiss/recall the tool bar. Use navigation buttons to select desired option and press OK to confirm it.



- Press EXIT button to return.

## 3. PHOTO

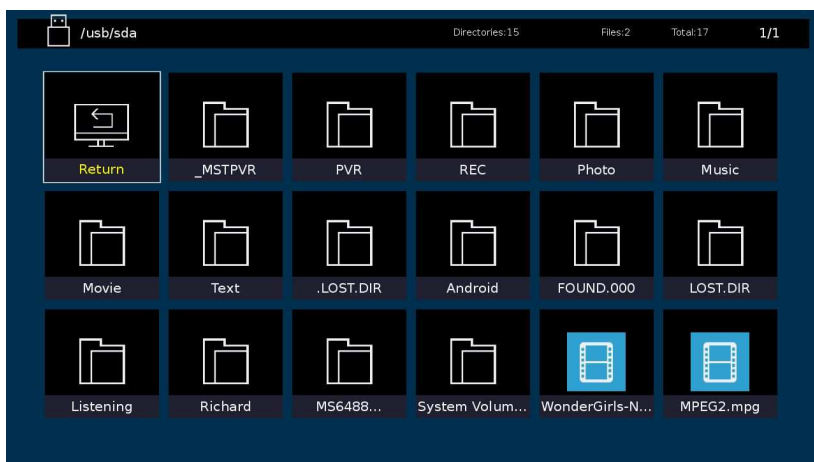
- Press LEFT/RIGHT navigation button to select Photo in the main menu and press OK button to enter it.
- Use navigation buttons to select desired folder or file and press OK to start playback.
- Press DISPLAY button to dismiss/recall the tool bar. Use navigation buttons to select desired option and press OK to confirm it.



- Press EXIT button to return.

#### 4. File

- Press LEFT/RIGHT navigation button to select File in the main menu and press OK button to enter it.



- Use navigation buttons to select a Movie/Music/Photo file and press OK to start playback.
- Press EXIT button to return.

#### ***Remote operations when playing multimedia files:***

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

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

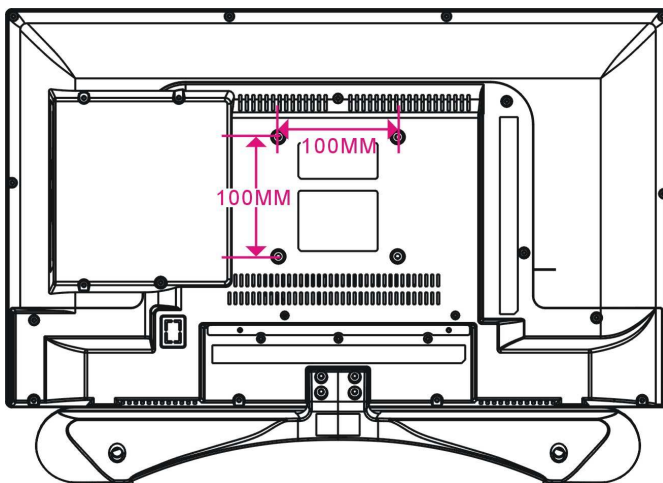
## MAINTENANCE

- Be sure to press POWER 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



## SPECIFICATIONS

<b>Display Device</b>	24 inch LED TV
<b>Resolution</b>	1920×1080
<b>Display Colors</b>	16.7M
<b>Contrast Ratio</b>	600:1
<b>Aspect Ratio</b>	16:9
<b>Life Time</b>	30,000 Hrs
<b>USB Multimedia Playback Format</b>	<b>Movie:</b> AVI, MPG, MKV
	<b>Music:</b> MP3
	<b>Photo:</b> JPG/JPEG
<b>Power Source</b>	AC 100-240V, 50/60Hz
<b>Power Consumption</b>	<48W
<b>Operation Temperature</b>	-5℃ to 45℃
<b>Measurement</b>	557(W)×104(D)×398(H) mm
<b>Weight</b>	Approx. 3.3 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"> <li>● No sound.</li> <li>● Distorted sound.</li> </ul>	<ul style="list-style-type: none"> <li>● Ensure that the equipment is connected properly.</li> <li>● Ensure that the input setting for the TV and stereo system are correct.</li> <li>● Adjust the master volume to a suitable volume by pressing VOLUME +/- button.</li> </ul>
No operations can be performed with the remote control unit.	<ul style="list-style-type: none"> <li>● Check the batteries are installed with the correct polarities.</li> <li>● The batteries are exhausted: replace them with new ones.</li> <li>● Point remote control at the remote control sensor and operate it again.</li> <li>● Operate the remote control unit at a distance of no more than 6m from the remote control sensor.</li> <li>● Remove the obstacles between the remote control and remote control sensor.</li> </ul>
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"> <li>● Adjust antenna or use an external antenna.</li> <li>● Relocate the unit near a window (if inside a building).</li> <li>● Move units away from this product that causes interference.</li> <li>● Do Auto Tuning again.</li> <li>● Try another channel.</li> </ul>
No sound or poor sound.	<ul style="list-style-type: none"> <li>● Check the audio settings.</li> <li>● Press MUTE button on remote control to cancel mute function.</li> <li>● Unplug the headphone.</li> </ul>
Noise or other interface.	Electronic equipment near the unit is causing interface. Relocate the unit or move the equipment.

## GENERAL TROUBLESHOOTING

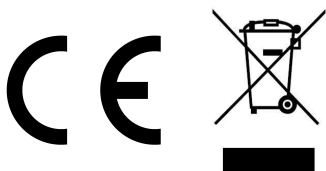
Symptom [DVD]	Remedy
Play does not start even when title is selected.	Confirm the region code setting is right.
Audio soundtrack and/or subtitle language is not the initial settings.	If the audio soundtrack and/or subtitle language does not exist on the disc, the language selected at the initial settings will not be seen/heard.
No subtitles.	Subtitles appear only with discs which contain them. Subtitles are cleared from the TV monitor, Perform the steps display the subtitles.
Alternative audio soundtrack (or subtitle) languages fail to be selected.	<ul style="list-style-type: none"> <li>● An alternative language is not selected with discs which do not contain more than one language.</li> <li>● In the case of some discs, the alternative language can not be selected by operating the LANGUAGE or SUBTITLE button. Try selecting it from the DVD menu if one is available.</li> </ul>
Angle cannot be changed.	This function is dependent on software availability. Even if a disc has a number of angles recorded, these angles may be recorded for specific scenes only.
The password for rating level has been forgotten.	Please contact your local sales dealer.
Symptom [Video CD]	Remedy
No menu play.	This function works only for Video CDs with playback control.

### Region code setting

Region coding: All DVD discs are coded by the sales territory. Please note the player is set to region 2 coding by the factory which cannot be changed. This is in compliance with the DVD patent requirements.

## 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.**