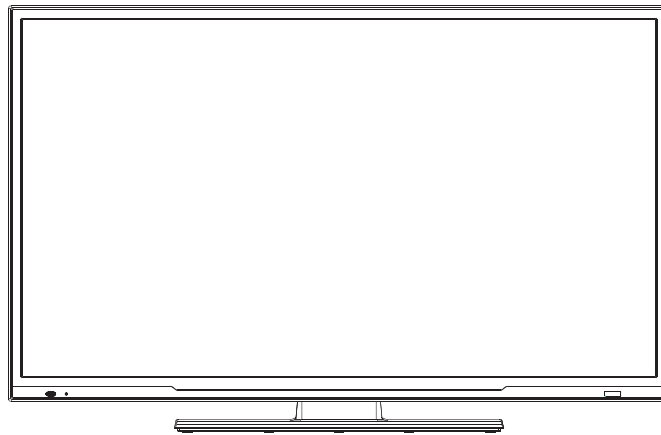


# LED-LCD TV

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## Operating Manual



**Before connecting, operating or adjusting this product, please read the manual completely.  
Please keep this manual for future reference.**

# Contents

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## IMPORTANT INFORMATION

If the unit is not positioned in a stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the unit.
- Only using furniture that can safely support the unit.
- Ensuring the television is not hanging over the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- Not standing the televisions on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.

### **Warning:**

**To prevent the spread of fire, keep candles or other open flames away from this product at all times.**

# Important Safety Precautions

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Electrical energy can perform many useful functions, but it can also cause personal injuries and property damage if improperly handled. This product has been engineered and manufactured with the highest priority on safety. But IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your TV product, please read the following precautions carefully before using the product.

- 1. Read these instructions**---All operating instructions must be read and understood before the product is operated.
  - 2. Keep these instructions**---These safety and operating instructions must be kept in a safe place for future reference.
  - 3. Note all warnings**---All warnings on the product and in the instructions must be observed closely.
  - 4. Follow all instructions**---All operating instructions must be followed.
  - 5. Attachments**---Only use attachments/accessories specified by the manufacturer. Do not use attachments which are not recommended by the manufacturer. Use of improper attachments can result in accidents.
  - 6. Power source**---This product is intended to be supplied by a listed power supply indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system.
  - 7. Power cord protection**---Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- NOTE:** Where the mains plug or an appliance coupler is used as the disconnected device, the disconnected device shall remain readily operable.
- 8. Overloading**---Do not overload wall outlets, extension cords, or convenience receptacles on other equipment as this can result in a risk of fire or electric shock.
  - 9. Entering of objects and liquids**---Never insert an object into the product through vents or openings. High voltages are present in the product and inserting an object can cause electric shock and/or short internal parts. For the same reason, do not spill water or liquid on the product.
  - 10. Servicing**---Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.

**11. Damage requiring service**---If any of the following conditions occurs, unplug the power cord from the AC outlet and request a qualified service technician to perform repairs.

- a. When the power cord or plug is damaged.
- b. When liquid is spilled on the product or when objects have fallen into the product.
- c. When the product has been exposed to rain or water.
- d. When the product does not operate properly as described in the operating instructions.

Do not touch the controls other than those described in the operating instructions. Improper adjustment of controls not described in the instructions can cause damage, which often requires extensive adjustment work by a qualified technician.

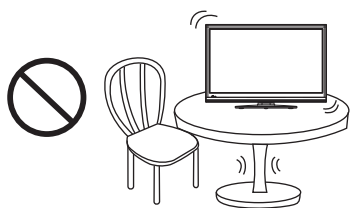
- e. If the product has been dropped or the cabinet has been damaged in any way.
- f. When the product displays an abnormal condition or exhibits a distinct change in performance. Any noticeable abnormality in the product indicates that the product needs servicing.

**12. Replacement parts**---In case the product needs replacement parts, make sure that the service person uses replacement parts specified by the manufacturer, or those with the same characteristics and performance as the original parts. Use of unauthorized parts can result in fire, electric shock and/or other danger.

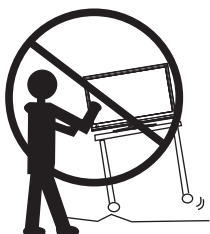
**13. Safety checks**---Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.

**14. Wall or ceiling mounting**---When mounting the product on a wall or ceiling, be sure to install the product according to the method recommended by the manufacturer. This is a safety feature.

## Important Safety Precautions (Continued)



**15. Stand---**Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. Do not place the product on an unstable trolley, stand, tripod or table. Placing the product on an unstable base can cause the product to fall, resulting in possible serious personal injuries as well as damage to the product. When mounting the product on a wall, be sure to follow the manufacturer's instructions. Use only the mounting hardware recommended by the manufacturer.



**16. Careful move---**When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from the product tipping over. Sudden stops, excessive force and uneven floor surfaces can cause the product to fall from the trolley.

Never attempt to move the TV unless the AC power cord has been disconnected.



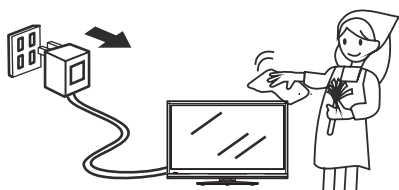
**17. Lightning---**Unplug this apparatus during lightning storms or when unused for long periods of time.

For added protection for this television equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the equipment due to lightning and power-line surges.

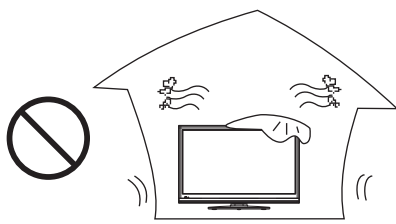


**18. Do not use this apparatus near water---**for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement or near a swimming pool, and the like. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

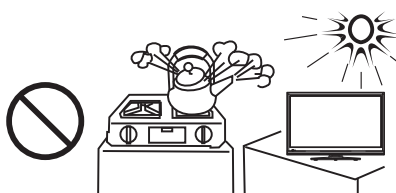
Do not use immediately after moving from a low temperature to high temperature environment, as this causes condensation, which may result in fire, electric shock, or other hazards.



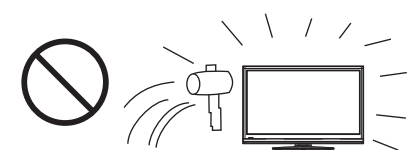
**19. Clean only with dry cloth---**Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a soft cloth for cleaning.



**20. Ventilation---**Do not block any ventilation openings. Install in accordance with the manufacturer instructions. The vents and other openings in the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/or shorten the life of the product. Do not place the product on a bed, sofa, rug or other similar surface, since they can block ventilation openings. This product is not designed for built-in installation; do not place the product in an enclosed place such as a bookcase or rack, unless proper ventilation is provided or the manufacturer's instructions are followed.



**21. Heat sources---**Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



**22. Panel protection---**The display panel used in this product is made of glass. Therefore, it can break when the product is dropped or impacted upon by other objects. Be careful not to be injured by broken glass pieces in case the display panel breaks.

**23. Pixel defect---**The display panel is a very high technology product, giving you finely detailed pictures. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product.

**WARNING:** For continued safety, apparatus with class I construction shall be connected to a mains socket outlet with a protective earthing connection.

# Important Notice

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## About Location/ Environment

### Do not use in hot and cold rooms (locations)

- When the unit is used in rooms (locations) with low temperature, the picture may leave trails or appear slightly delayed. This is not a malfunction and the unit will recover when the temperature returns to normal.
- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight, near a heater or in high humidity, as this may cause the cabinet to deform, the screen to malfunction and affect the TV's performance.
- **Environment condition:**
  - Operating temperature: 5°C – 35°C
  - Operating humidity: 20 % – 80 % ( no moisture condensation )
  - Storage temperature: 0°C – 45°C
  - Storage humidity: 10 % – 80 %
  - Atmospheric pressure: 86 kPa ~ 106 kPa

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## About After-Image

The extended use of fixed image program material can cause a permanent after-image on the screen.

This background image is viewable on normal programs in the form of a stationary fixed image. This type of irreversible screen deterioration can be limited by observing the following steps:

- A. Reduce the brightness/contrast setting to a minimum viewing level.
- B. Do not display the fixed image for extended periods of time.
- C. Turn the power off when not in actual use.

### Important Information Regarding The Use of Video Games, Computers, Captions or Other Fixed Image Displays.

- Do not allow a still picture to be displayed for an extended period, as this can cause a permanent after-image to remain on the screen.  
Examples of still pictures include logos, video games, computer images, teletext and images displayed in 4:3 mode.

### CAUTIONS:

- The permanent after-image on the screen resulting from fixed image use is not an operating defect and as such is not covered by the warranty.
- This product is not designed to display fixed images for extended periods of time.

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## Cleaning and Maintenance

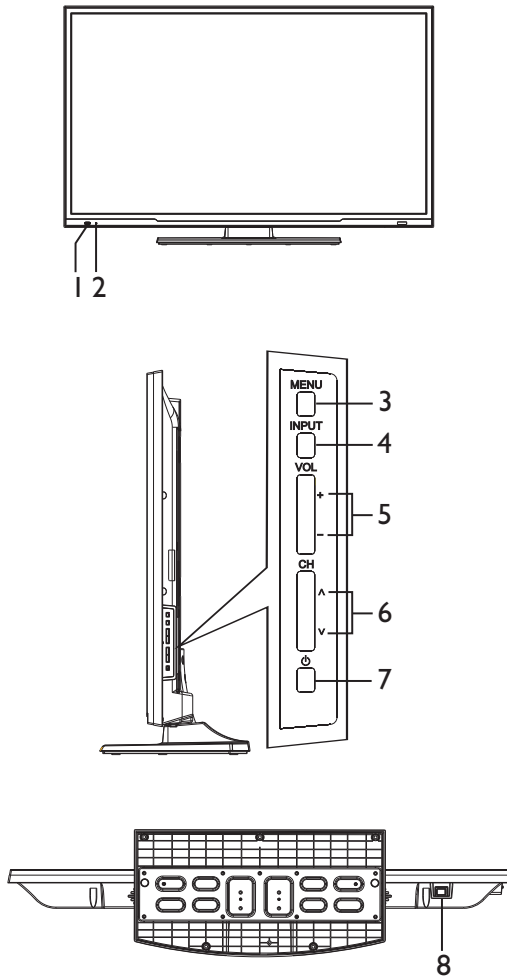
### To clean this unit, wipe with a soft, dry cloth.

If the surfaces are extremely dirty, use a soft cloth dipped in a soap and water solution or a weak detergent solution.

- Use eyeglass cleaner to remove stubborn dirt from the screen.
- Never use alcohol, paint thinner or benzine to clean this unit.
- Before using a chemically treated cloth, read the instructions that came with the cloth carefully.

# Identification of Controls

## Main Unit (front/side view)



### 1. Remote Sensor

### 2. Power Indicator

### 3. MENU

Press this button to access the main menu screen.

### 4. INPUT

To access **Input Source** menu

### 5. VOL+/-

Press the **VOL+** or **VOL-** button to increase or decrease the sound volume level;

In the menu operations, these buttons serve as right/left buttons.

### 6. CH^/v

Press these two buttons to change the TV channel;

In the menu operations, these buttons serve as up/down buttons.

### 7. POWER

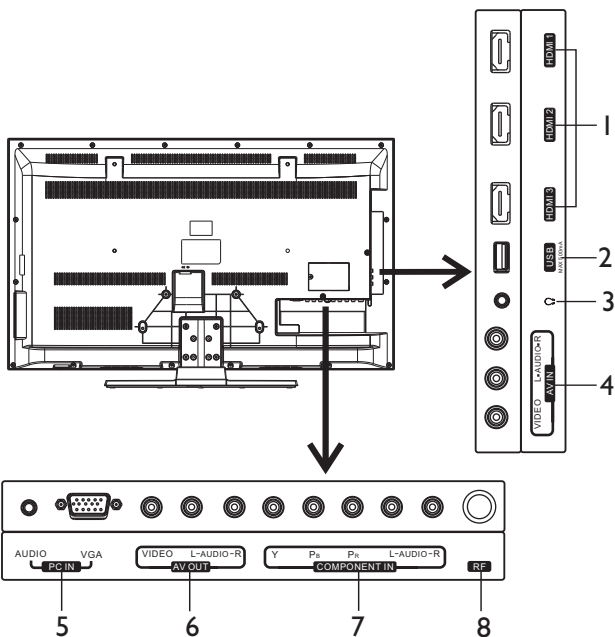
Press this button to turn the unit ON from STANDBY mode.

Press it again to turn the set back to STANDBY mode.

### 8. Power Switch

Press to (I) to connect the power, press to (O) to cut off.

## Main Unit (back view)



**1. HDMI 1/2/3:** Connect an HDMI device to this jack.

**2. USB port:** Connect a USB device to this port.

**3. Headphone:** Connect headphones to this jack.

**4. AV INPUT:** Connect an AV device to these jacks.

**5. PC IN VGA/AUDIO:** Connect a computer to these jacks.

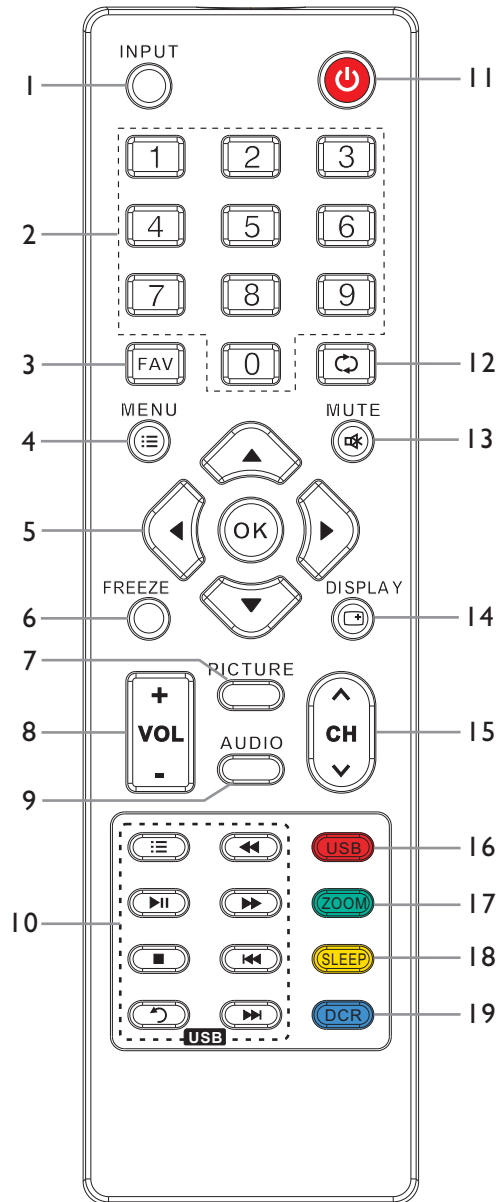
**6. AV OUTPUT:** Connect a VCR to these jacks to record programs.

**7. COMPONENT IN:** Connect a component video device to these jacks.

**8. RF:** Connect an antenna or cable TV to this jack.

## Identification of Controls (Continued)

### Remote control unit



**1. INPUT:** Displays **Input Source** menu.

**2. 0 – 9 number buttons:** Press to enter channel numbers.

**3. FAV:** Press to open the Favorite List you set up.

**4. MENU:** Open the main menu or return to the previous menu.

**5. ▲/▼/◀/▶/OK:** Press the arrows to navigate through the menus or adjust an item. Press **OK** to confirm a selection or enter a sub-menu.

**6. FREEZE:** To freeze the current picture.

**7. PICTURE:** Selects picture mode.

**8. VOL+ /VOL-:** Increases or decreases the volume.

**9. AUDIO:** Selects sound mode (not available for headphone).

#### **10. USB control buttons**

- ≡ : Displays the menu bar.
- ▶|| : **Play/Pause** button.
- ■ : Stop playing.
- ↶ : Return to the previous menu.
- ◀◀ : Fast reverse.
- ▶▶ : Fast forward.
- ◀◀◀ : Play the previous.
- ▶▶▶ : Play the next.

**11. POWER** ⏻ : Switches the TV power on or to Standby.

**12.** ⏮ : Returns to the previous channel.

**13. MUTE:** Press to mute the sound. Press the button again to restore the sound.

**14. DISPLAY:** Displays the current program information.

**15. CH^/CHv:** Changes channel up and down.

**16. USB:** Press to switch to **USB** mode.

**17. ZOOM:** Selects the picture aspect ratio.

**18. SLEEP:** Sets the sleep timer.

**19. DCR:** Switch the Dynamic Backlight on or off.

### **Note:**

- This operation manual provides a description based on operating functions with the remote control.
- In different mode, some buttons may have different function.



# Setting Up

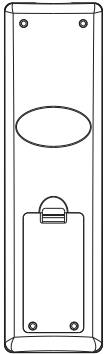
## Selecting a location

You should select a **location** for the TV:

- Where direct light does not reflect on the screen.
- That has indirect and soft lighting.
- Where the TV has access to an antenna or cable TV connection.
- Where the TV has access to a power outlet.

**Note:** Watching TV in total darkness or with a reflection on the screen may cause eyestrain.

## Installing remote control batteries



### To install remote control batteries:

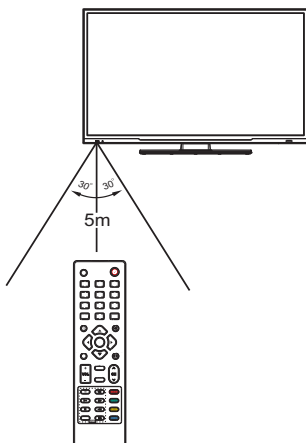
- 1 Open the battery cover.
- 2 Insert two AAA batteries into the battery compartment. Make sure that the + and – symbols on the batteries match the + and – symbols in the battery compartment.
- 3 Replace the cover.

### Battery precautions:

Improper use of batteries can result in a leakage of chemicals and/or explosion. Be sure to follow the instructions below.

- Place batteries with their terminals corresponding to the (+) and (–) indications.
- Different types of batteries have different characteristics. Do not mix batteries of different types.
- Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries and/or cause old batteries to leak chemicals.
- Remove batteries as soon as they are non-operable. Chemicals that leak from batteries can cause a rash. If chemical leakage is found, wipe with a cloth.
- Dispose of batteries in a proper manner.
- If the remote control is not used for an extended period of time, remove the batteries.
- The batteries should not be exposed to excessive heat such as sunshine, fire or the like.

## Aiming the remote control



Use the remote control by pointing it towards the remote sensor on the front of your TV. Objects between the remote control and the remote sensor may prevent proper operation.

### Cautions regarding use of remote control

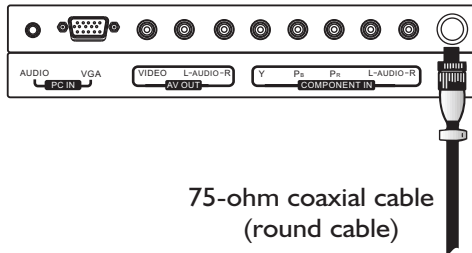
- Do not expose the remote control to shock. In addition, do not expose the remote control to liquids, and do not place in an area with high humidity.
- Do not install or place the remote control under direct sunlight. The heat may cause deformation of the unit.
- The remote control may not work properly if the remote sensor window of the main unit is under direct sunlight or strong lighting. In such a case, change the angle of the lighting or the TV set, or operate the remote control closer to the remote sensor window.

# Connections

## Cautions Before Connecting

- When connecting an external device to the TV, make sure that the TV and the device is turned off.
- Check the plugs on the ends of the cables to make sure that they are the correct type before you try to plug them into the jacks on the TV.
- Make sure that all plugs are securely inserted into the jacks. Loose connections can result in image or color problems.
- The illustration of the external device may be different depending on your model.
- Refer to the operating manual of the external device as well.

## Antenna Connection

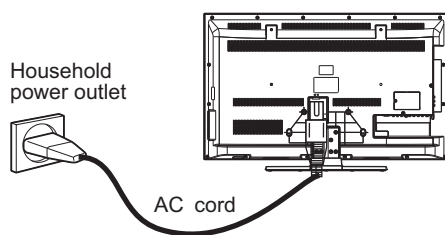


- Connect one end of your antenna cable to the **RF** jack on the back of the TV and connect the other end of the cable to the antenna wall jack.

### Note:

- It is recommended that the 75-ohm coaxial cable is used to eliminate interference and noise which may occur due to radio wave conditions.
- The antenna cable should not be bundled with the power cord and the like.
- If the antenna is not installed properly, contact your dealer for assistance.

## Power Connection



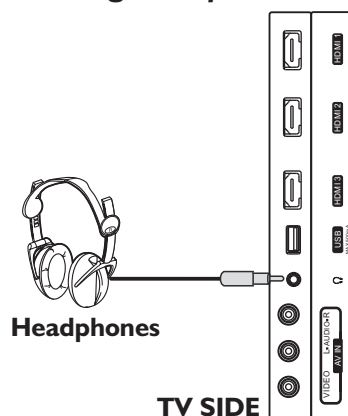
Connect the power cord to the **AC IN** socket on the back of the TV, then connect the other end to a power outlet.

### Note:

- This product should be operated only from the type of power source indicated on the marking label.
- Always unplug the AC cord from power outlet when not using for a long period of time.
- This illustration is for reference only. The AC plug may be different on different models.

## Connections (Continued)

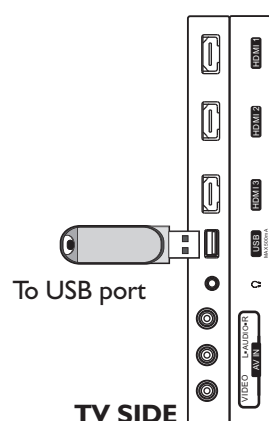
### Connecting Headphones



#### To connect headphones:

Insert the plug of the headphone into the TV's Headphone jack.  
When using headphones, adjust the headphone volume to avoid excessive volume levels, as hearing damage may result.

### Connecting a USB device



Insert your USB device into the USB port.

#### To play from the USB device:

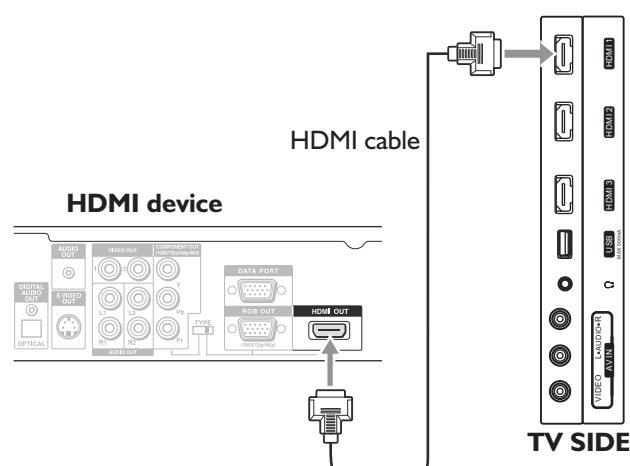
1. Turn on your TV and press the **INPUT** button. The **Input Source** menu will open.

2. Press **▲** or **▼** to select **USB** and press **OK** to confirm.

**Note:** You can also press the **USB** button to select directly.

Never remove the USB device or turn off the TV while using the USB device.

### Connecting an HDMI device



#### How to connect an HDMI device:

Connect the HDMI cable between the HDMI jack on the TV and HDMI output jack on the device.

**Note:** If your device has an HDMI connection, we recommend you use that to get the best quality possible.

#### To play from the HDMI device:

1. Turn on your TV and press the **INPUT** button. The **Input Source** menu will open.

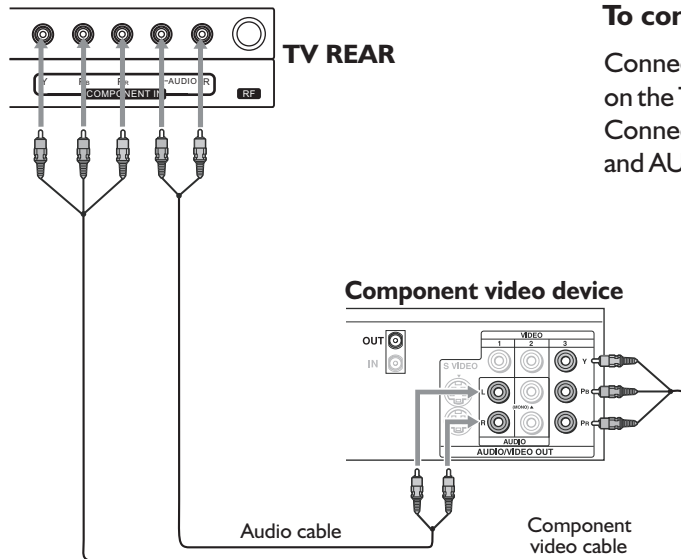
2. Press **▲** or **▼** to select **HDMI 1** (or **HDMI 2/HDMI 3** if HDMI2/HDMI3 jack is used) and press **OK** to confirm.

3. Turn on the HDMI device and set it to the correct mode. Refer to the instructions that came with the HDMI device.

**If the external device has a DVI output only, use a DVI to HDMI adapter cable to connect to the HDMI terminal. Connect the audio cable to the PC IN AUDIO jack on the TV.**

## Connections (Continued)

### Connecting a component video device



*Component cables often have red, green, and blue color-coded video connectors and red and white audio connectors. Match the colors when making connections.*

#### To connect a component video device:

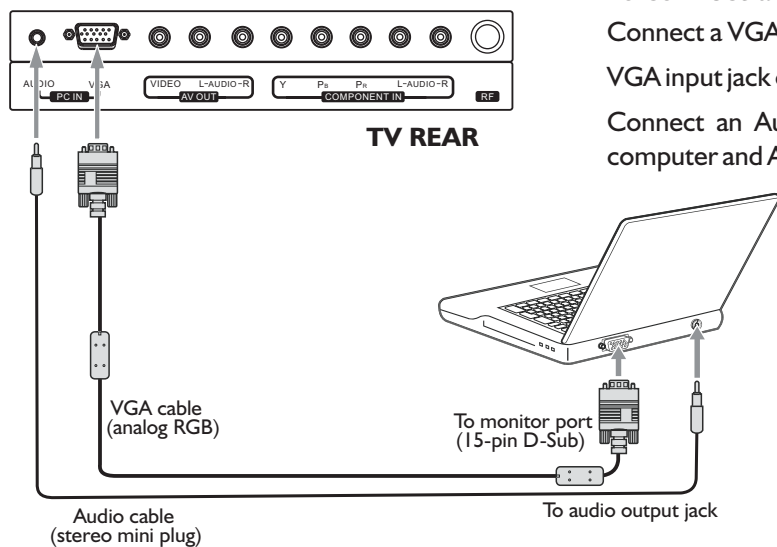
Connect the Component Video cable between the Y, Pb, Pr input jacks on the TV and Y, Pb, Pr(or Y, Cb, Cr) output jacks on the device .

Connect the Audio cable between the AUDIO input jacks on the TV and AUDIO output jacks on the device.

#### To play from the component video device:

1. Turn on your TV and press the **INPUT** button. The **Input Source** menu will open.
2. Press **▲** or **▼** to select **COMP.** and press **OK** to confirm.
3. Turn on your external device and set it to the correct mode. See the device's user guide for more information.

### Connecting a computer



#### To connect a computer:

Connect a VGA cable between the VGA jack on the computer and the VGA input jack on the TV.

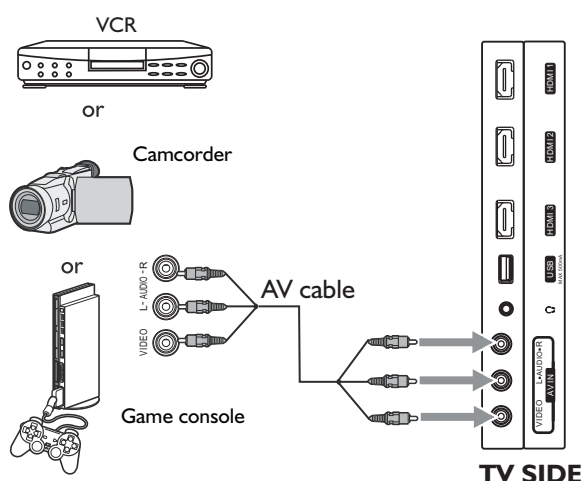
Connect an Audio cable between the AUDIO output jack on the computer and AUDIO input jack on the TV.

#### To play video from the computer:

1. Turn on your TV and press the **INPUT** button. The **Input Source** menu will open.
2. Press **▲** or **▼** to select **VGA** and press **OK** to confirm.
3. Turn on your computer and adjust the display properties as required.

## Connections (Continued)

### Connecting an AV device



Cable are often color-coded to connectors. Connect yellow to yellow, red to red, white to white.

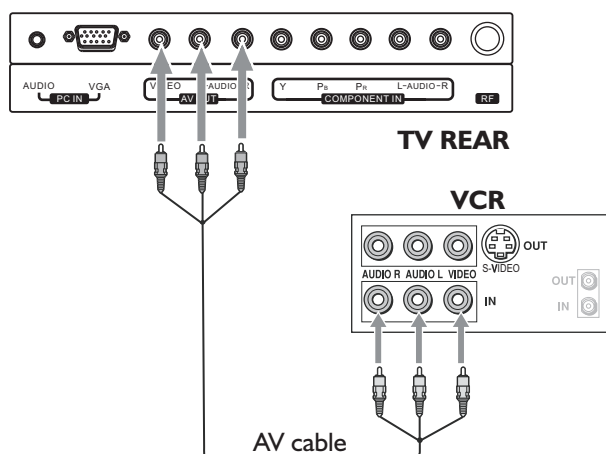
### To connect an AV device (such as VCR, camcorder, or game console) :

Connect the Audio/Video cables between the Audio (L/R)/Video jacks on the TV and AV device.

### To play the AV device:

1. Turn on your TV and press the **INPUT** button. The **Input Source** menu will open.
2. Press **▲** or **▼** to select **AV** and press **OK** to confirm.
3. Turn on the AV device, insert a videotape and press the Play button.

### Connecting a VCR for recording



Cable are often color-coded to connectors. Connect yellow to yellow, red to red, white to white.

### To connect a VCR for recording

Connect an AV cable to the AV OUT jacks on the TV and the AV IN jacks on the VCR.

### To record a program:



1. Turn on your TV and select the program you want to record.
2. Turn on your VCR and insert a videotape.
3. Press **RECORD** on your VCR to start the recording.

**Note:** Only TV and AV programs can be recorded.

# Basic Operations

## Turning the TV on or off

### To turn the TV on or off:

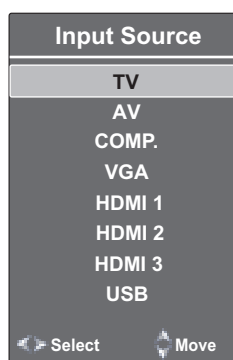
- 1 Plug the power cord into an AC power outlet. Press the **Power Switch** on the TV.
- 2 Now the unit is in standby mode. Wait a few seconds until the power indicator lights up and press **POWER**  to turn the TV on.
- 3 Press  button again to turn off the TV and put the TV in standby mode.

To cut off the power completely, press the **Power Switch** on the TV.



**Warning:** When the TV is in standby mode, power is still entering into the TV. For the sake of saving energy and safety purposes, please press the **Power Switch** to completely cut off the power.

**Note:** If the TV does not receive a broadcast signal for several minutes, the TV will automatically turn off and go into standby mode.

## Selecting the input source








### To select the input source:

- 1 Press the **INPUT** button.
- 2 Press  or  to select the input source. Options include:
  - **TV** — Watch the TV signal.
  - **AV** — Watch the AV signal.
  - **COMP.** — Watch the signal from the COMPONENT input terminals.
  - **VGA** — Watch the signal from the VGA input terminal.
  - **HDMI 1** — Watch the signal from the HDMI 1 input terminal.
  - **HDMI 2** — Watch the signal from the HDMI 2 input terminal.
  - **HDMI 3** — Watch the signal from the HDMI 3 input terminal.
  - **USB** — Watch the media source from the USB.
- 3 Press **OK** to confirm the selection.

## Selecting a channel

### You can use the following ways to change channels:

- Press **CH<sup>^</sup>** or **CH<sup>v</sup>** to go to the next or previous channel. The skipped channels can not be selected.
- Press the number buttons to directly select any channel you want and press the **OK** button or wait for the channel to change.
- To go to the previous channel viewed, press .
- To browse among your favorite channels you set up, press the **FAV** button to display the **Favorite List** menu. Press  or  to select a channel, press the **OK** button to confirm.

**Note:** If the Favorite List menu has more than one page, you may press  or  for page upward or downward.

## Adjusting the volume

### To adjust the volume:

- Press **VOL+** or **VOL-** to increase or decrease the volume.
- Press the **MUTE** button to temporarily turn off the sound. To restore the sound, press the **VOL+** or **MUTE** button.

**Note:** The speaker volume and the headphone volume will be memorized separately.

## Displaying program information

### To display program information:

You can press the **DISPLAY** button to display current program information such as channel number, color/audio system, or video input source, etc. To clear the display, press this button again or wait a few seconds and it disappears automatically.

## Freezing the Picture

### To freeze the picture:

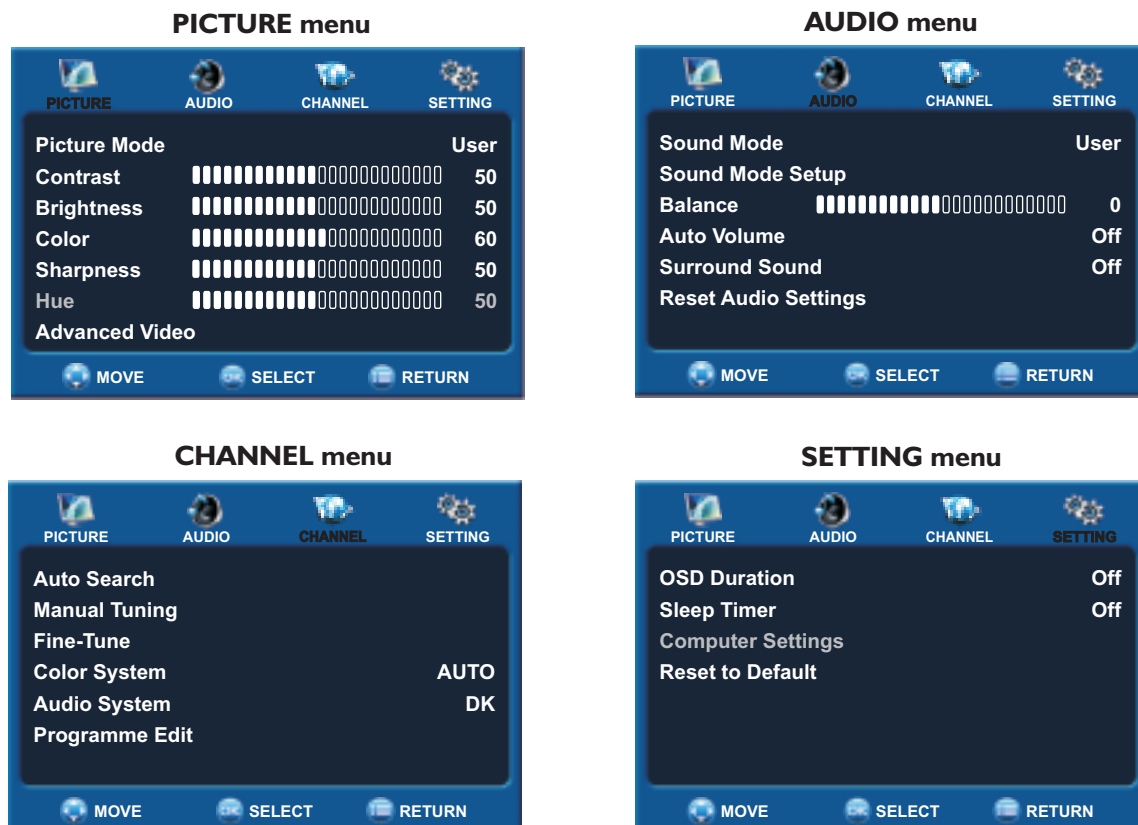
Press the **FREEZE** button to freeze the image on the screen (the video sources still run). Press this button again to reactivate the image.

#### Note:

- If a fixed image is displayed on the screen for a long time, that fixed image may become imprinted on the screen and remain visible. Therefore do not freeze the picture for a long time.
- In some modes, the FREEZE function can not work.

## Basic Operations (Continued)

### On-screen menu overview



### Using the OSD (on-screen display) menu

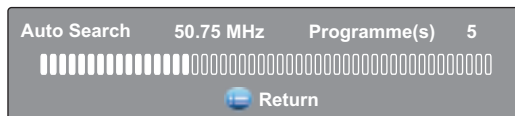
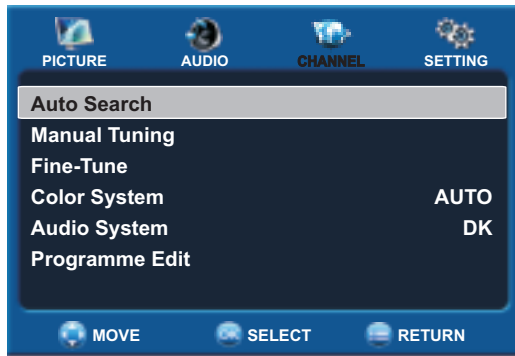
- With the power on, press **MENU** and the main menu screen displays.
- The screen will now display the **PICTURE** menu.
- Press **◀** or **▶** to select menu, press **▼** or **OK** to access the menu.
- Within the menu, press **▲** or **▼** to select items and press **▶** or **OK** to access and adjust the selected item. If a sub-menu exists, press **▶** or **OK** to open it and use **▲ ▼ ◀ ▶** and **OK** to operate.
- Continue pressing the **MENU** button to exit the menu screen. Or you can also wait for a few seconds and the on-screen menu will disappear from the screen automatically.

#### Note:

- Some menu items may be different when the unit works in different mode. The above main menus are illustrated under TV mode.
- Menu items that are not selectable are grayed out. If without special indication, this manual is described under TV mode.
- The illustrations and on-screen displays in this manual are for explanation purposes only (some are enlarged, others cropped) and may vary slightly from the actual ones.

# Memorizing the Channels & Setting Channels

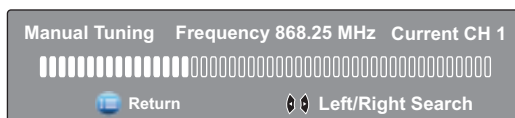
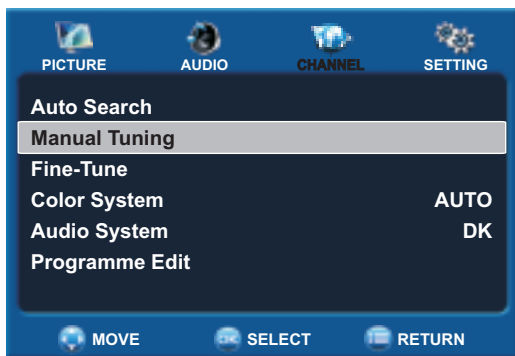
## Auto Channel Search



**Note:** Be sure to select the **TV** input source before operation.

- 1 Press **MENU** and the main menu screen displays.
- 2 Press **◀** or **▶** to select the **CHANNEL** menu and press **▼** or **OK** to access the menu.
- 3 Highlight the **Auto Search** and press **▶** or **OK** to begin the auto search for all available channels and stores them into memory. It may take several minutes. Please wait.
- 4 If you want to stop the auto search, press the **MENU** button.

## Manual Channel Tuning



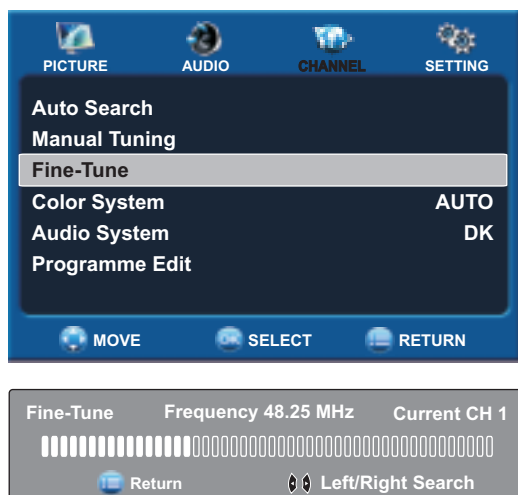
If desired programs can not be found by Auto Search, you can make use of Manual Tuning to search for programmes manually.

- 1 Use number buttons to select a current position number.
- 2 Navigate to the **CHANNEL** menu and press **▼** or **OK** to access the menu.
- 3 Press **▲** or **▼** to select the **Manual Tuning** and press **▶** or **OK** to access.  
Press **▶** for the unit to search towards higher frequency;  
Press **◀** for the unit to search towards lower frequency.
- 4 The search stops when a program is found and this program will be stored in the current channel position. If you want to stop the search, press the **MENU** button.



# Memorizing the Channels & Setting Channels (Continued)

## Fine Tuning



Fine Tuning is not necessary under normal conditions. However, in area of inferior broadcast conditions where adjustment is necessary for a better picture and sound, use fine tuning.

- 1 Select a channel that you want to fine tune.
- 2 In the **CHANNEL** menu, press **▲** or **▼** to select the **Fine-Tune** and press **▶** or **OK** to access.
- 3 Press **◀** or **▶** button to fine tune until the best possible picture and sound are obtained.
- 4 Continue pressing the **MENU** button to exit the menu screen.

## Setting Color/Audio System

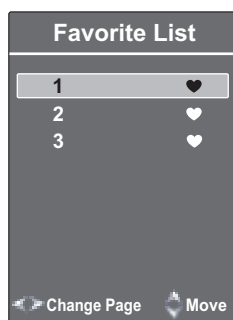
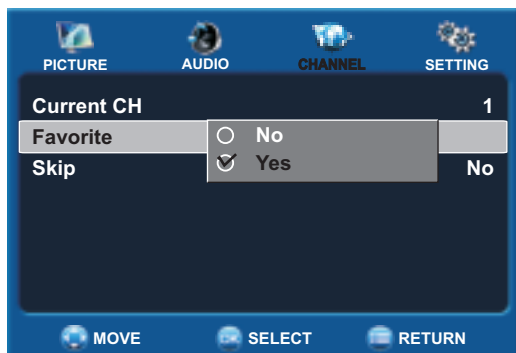
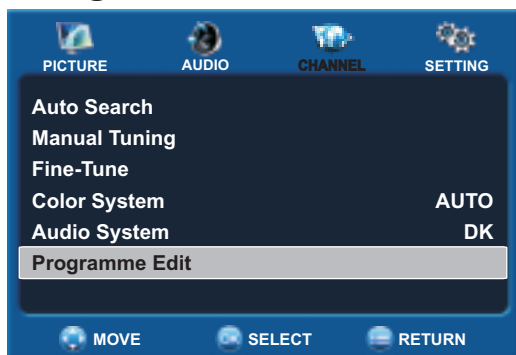


If some channel's color or audio is abnormal, it may be that the color or audio system setting is incorrect. Please do the following to select a proper color or audio system.

- 1 Navigate to the **CHANNEL** menu and press **▼** or **OK** to access the menu.
- 2 To set the color system, press **▲** or **▼** to highlight **Color System** and press **◀**, **▶** or **OK** to access. Use **▲** or **▼** to select a proper color system and press **◀**, **▶** or **OK** to confirm.  
To set the audio system, press **▲** or **▼** to highlight **Audio System** and press **◀**, **▶** or **OK** to access. Use **▲** or **▼** to select a proper audio system and press **◀**, **▶** or **OK** to confirm.
- 3 Continue pressing the **MENU** button to exit the menu screen.

# Memorizing the Channels & Setting Channels (Continued)

## Setting Favorite Channels



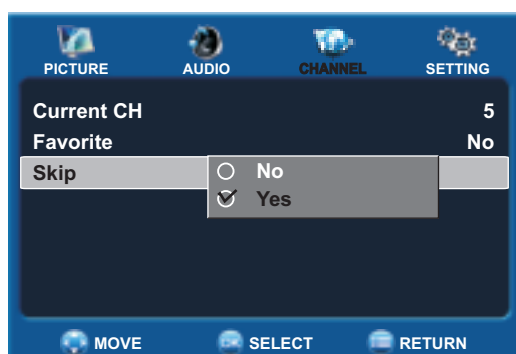
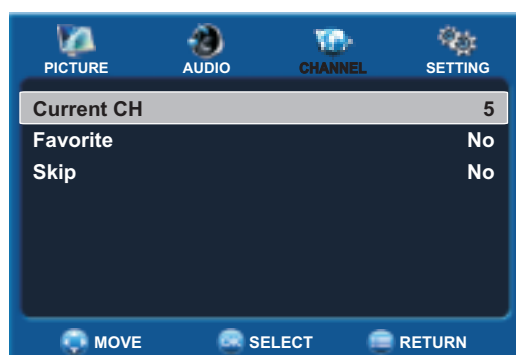
You can set up a favorite channel list so that you can quickly browse through your favorite channels by using the **Favorite List**.

- 1 In the **CHANNEL** menu, press **▲** or **▼** to select **Programme Edit** and press **▶** or **OK** to access.
- 2 Highlight **Current CH** and press **◀** or **▶** to select your favorite channel.
- 3 Press **▲** or **▼** to select **Favorite** and press **◀**, **▶** or **OK** to access. Use **▲** or **▼** to select **Yes**. (If you want to cancel the favorite setting, select **No**.)
- 4 Repeat the steps above to set more favorite programs.
- 5 Now you can press the **FAV** button to display the **Favorite List**. Press **▲** or **▼** to browse through the favorite programs and press **OK** to access the channel.

### Note:

If the Favorite List menu has more than one page, you may press **◀** or **▶** for page upward or downward.

## Skipping Channels



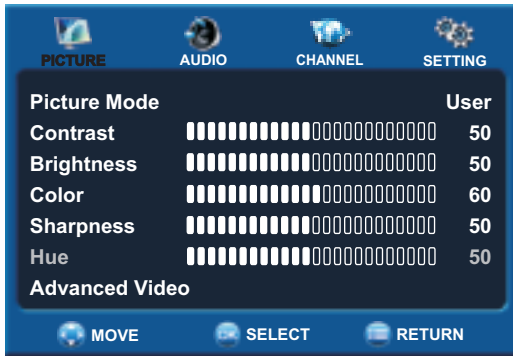
You can skip unnecessary channels so that only the channels you want to watch can be selected by **CH ^/v** button.

- 1 In the **CHANNEL** menu, press **▲** or **▼** to select **Programme Edit** and press **▶** or **OK** to access.
- 2 Highlight **Current CH** and press **◀** or **▶** to select your unwanted channel.
- 3 Press **▲** or **▼** to select **Skip** and press **◀**, **▶** or **OK** to access. Use **▲** or **▼** to select **Yes**. (If you want to cancel the skip setting, select **No**.)
- 4 Repeat the above steps to set more programs to **Skip Yes**.

Now when you press **CH ^/v** button, these unwanted channels will be skipped.

# Picture Adjustment

## Adjusting the Picture

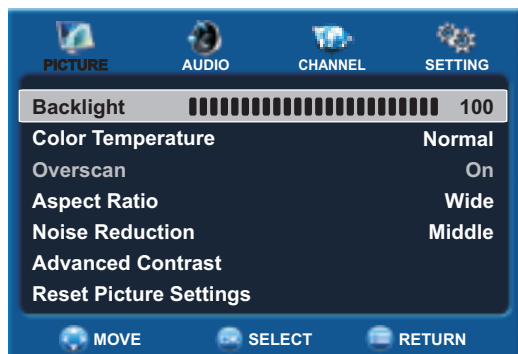
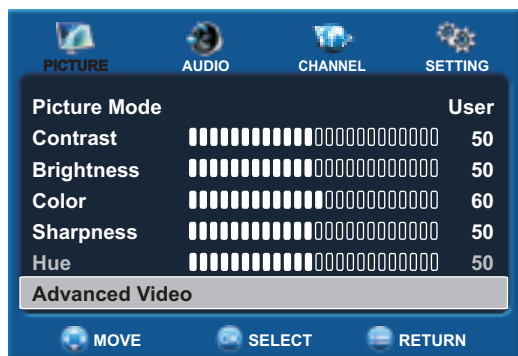


- 1 Press **MENU** and the main menu screen displays.
- 2 Press **◀** or **▶** to select the **PICTURE** menu and press **▼** or **OK** to access the menu.
- 3 Within the menu, press **▲** or **▼** to select items, press **◀**, **▶** or **OK** to access and press **▲**, **▼**, **◀**, **▶** to adjust the selected item. If a sub-menu exists, press **▶** or **OK** to open it, then use **▲**, **▼**, **◀**, **▶** **OK** to operate.
- 4 Continue pressing the **MENU** button to exit the menu screen.

Option	Description
<b>Picture Mode</b>	Selects a desired picture mode. You can select from <b>Vivid</b> , <b>Standard</b> , <b>Energy Saving</b> , <b>Cinema</b> and <b>User</b> . <b>Vivid:</b> Select for a bright and vivid picture. <b>Standard:</b> Select for a standard picture. <b>Energy Saving:</b> The backlight brightness is decreased. <b>Cinema:</b> Select for a finely detailed picture. <b>User:</b> The picture quality you set.
<b>Note:</b> To quickly change the picture mode, continue pressing the <b>PICTURE</b> button on the remote control.	
<b>Contrast</b>	Adjusts image contrast.
<b>Brightness</b>	Adjusts screen brightness for easier viewing of dark picture such as night scenes and black hair.
<b>Color</b>	Adjusts color saturation.
<b>Sharpness</b>	Adjusts image sharpness and displays a sharp image.
<b>Hue</b>	Adjusts color hue for image. (Only for NTSC system)
<b>Advanced Video</b>	Allows you to adjust Backlight, Color Temperature, Overscan, Aspect Ratio, Noise Reduction, Advanced Contrast, Reset Picture Settings. See <b>[Advanced Video Adjustment]</b> section for more information.

## Picture Adjustment (Continued)

### Advanced Video Adjustment

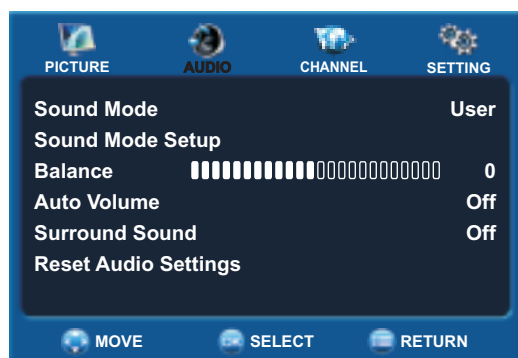


- 1 Navigate to the **PICTURE** menu, press **▼** or **OK** to access the menu.
- 2 Press **▲** or **▼** to select the **Advanced Video** and press **▶** or **OK** to access.
- 3 Within the menu, press **▲** or **▼** to select items and press **◀**, **▶** or **OK** to access and press **▲**, **▼**, **◀**, **▶** to adjust the selected item.
- 4 Continue pressing the **MENU** button to exit the menu screen.

Option	Description
<b>Backlight</b>	Sets the overall brilliance of the screen.
<b>Color Temperature</b>	Selects one of three automatic color adjustments. Sets to <b>Warm</b> to enhance hotter colors such as red, or set to <b>Cool</b> to see less intense colors with more blue. You can select from <b>Cool</b> , <b>Normal</b> and <b>Warm</b> .
<b>Overscan</b>	Selects <b>On</b> to adjust the picture's reproduction rate when receiving HDMI signal. (Depending on versions, in some models this function is not available.)
<b>Aspect Ratio</b>	<p>You can select the aspect ratio (display proportions) according to your video signal type or personal preference. You can select from <b>Normal</b>, <b>Zoom</b>, <b>Cinema</b> and <b>Wide</b>.</p> <p><b>Normal:</b> Displays the image of the original proportions.</p> <p><b>Zoom:</b> Enlarges the picture. The top and bottom portion of the picture may be cropped.</p> <p><b>Cinema:</b> Stretches the picture at the edges while maintaining a good aspect ratio at the center of the screen.</p> <p><b>Wide:</b> Displays a full-screen picture.</p>
<b>Note:</b> You can also press the <b>ZOOM</b> button on the remote control to select it.	
<b>Noise Reduction</b>	Selects from <b>Low/Middle/High</b> to reduce noise in the picture, commonly called snow. Selects <b>Off</b> to turn off this function.
<b>Advanced Contrast</b>	<ol style="list-style-type: none"> <li>1. Navigate to the <b>Advanced Video</b> submenu and press <b>▲</b> or <b>▼</b> to select <b>Advanced Contrast</b>, press <b>◀</b>, <b>▶</b> or <b>OK</b> to access.</li> <li>2. Press <b>▲</b> or <b>▼</b> to select <b>Dynamic Contrast</b> or <b>Dynamic Backlight</b> and use <b>◀</b> or <b>▶</b> to turn on or turn off the function. <ul style="list-style-type: none"> <li>• <b>Dynamic Contrast:</b> Turns <b>On</b> to automatically adjust picture detail and brightness.</li> <li>• <b>Dynamic Backlight:</b> Turns <b>On</b> to enhance contrast ratio between light and dark areas of picture. (Once <b>Dynamic Backlight</b> is set to <b>On</b>, the <b>Backlight</b> item can not be adjusted.)</li> </ul> </li> </ol> <p><b>Note:</b> You can also press <b>DCR</b> button to turn on or turn off the Dynamic Backlight directly.</p>
<b>Reset Picture Settings</b>	Reset all PICTURE settings to factory defaults.

# Audio Adjustment

## Adjusting the Sound

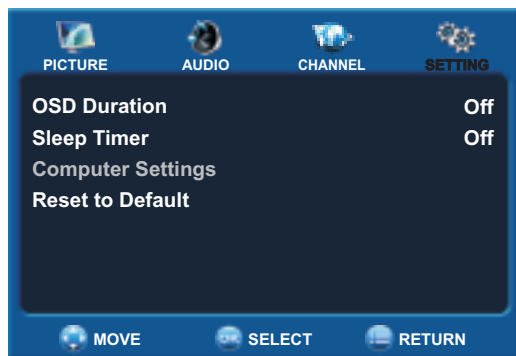


- 1 Press **MENU** and the main menu screen displays.
- 2 Press **◀** or **▶** to select the **AUDIO** menu and press **▼** or **OK** to access the menu.
- 3 Within the menu, press **▲** or **▼** to select items, press **◀**, **▶** or **OK** to access and press **▲**, **▼**, **◀**, **▶** to adjust the selected item. If a sub-menu exists, press **▶** or **OK** to open it, then use **▲**, **▼**, **◀**, **▶**, **OK** to operate.
- 4 Continue pressing the **MENU** button to exit the menu screen.

Option	Description
<b>Sound Mode</b>	Selects a desired sound mode. You can select from <b>Standard</b> , <b>Music</b> , <b>Movie</b> , <b>Sports</b> and <b>User</b> . <b>Standard:</b> Select for normal programs. <b>Music:</b> Select for a music program. <b>Movie:</b> Select for a movie program. <b>Sports:</b> Select for a sports program. <b>User:</b> The sound quality you set.
<b>Sound Mode Setup</b>	Adjusts the equalizer settings.
<b>Balance</b>	Adjusts volume balance (left and right volumes).
<b>Auto Volume</b>	Select <b>On</b> to equalize overall volume levels across all channels. Select <b>Off</b> to turn off the auto volume control.
<b>Surround Sound</b>	Select <b>On</b> to turn on the surround sound effect. The benefits of surround sound are enormous. You can be completely enveloped in sound, just as if you were at a concert hall or cinema. Select <b>Off</b> to turn the surround sound off.
<b>Reset Audio Settings</b>	Reset all AUDIO settings to factory defaults.

# Adjusting Basic Settings & Adjusting Computer Settings

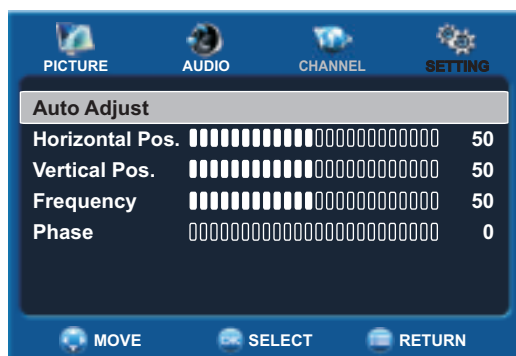
## Adjusting basic options



- 1 Press **MENU** and the main menu screen displays.
- 2 Press **◀** or **▶** to select the **SETTING** menu and press **▼** or **OK** to access the menu.
- 3 Within the menu, press **▲** or **▼** to select items, press **◀**, **▶** or **OK** to access and press **▲**, **▼**, **◀**, **▶** to adjust the selected item. If a sub-menu exists, press **▶** or **OK** to open it and use **▲**, **▼**, **◀**, **▶**, **OK** to operate it.
- 4 Continue pressing the **MENU** button to exit the menu screen.

Option	Description
<b>OSD Duration</b>	Selects menu displaying time on the screen.
<b>Sleep Timer</b>	Selects the amount of time before your TV will turn off automatically. To cancel sleep mode, select <b>Off</b> .
<b>Computer Settings</b> (Only for VGA mode)	Allows you to adjust the computer settings, such as Horizontal Pos., Vertical Pos., Frequency, Phase, etc. through the menu. See <b>[Adjusting Computer Settings]</b> section for more information.
<b>Reset to Default</b>	Reset all settings to factory defaults.

## Adjusting Computer Settings



Before adjusting the image, make sure that you select the correct source (**VGA**).

- 1 Navigate to the **SETTING** menu and press **▼** or **OK** to access the menu.
- 2 Press **▲** or **▼** to select **Computer Settings** and press **▶** or **OK** to access.
- 3 Within the menu, press **▲** or **▼** to select items and press **◀**, **▶** or **OK** to access and press **▲**, **▼**, **◀**, **▶** to adjust the selected item.
- 4 Continue pressing the **MENU** button to exit the menu screen.

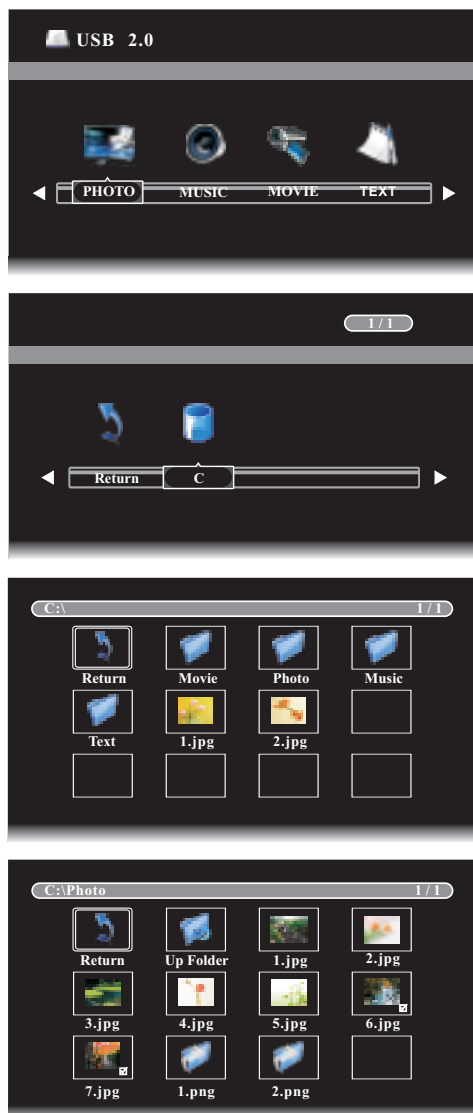
Option	Description
<b>Auto Adjust</b>	Selects and activates to start auto adjustment. The image settings, such as position and phase will be automatically adjusted.
<b>Horizontal Pos.</b>	Moves the image on the screen left or right.
<b>Vertical Pos.</b>	Moves the image on the screen up or down.
<b>Frequency</b>	Adjusts the sample frequency.
<b>Phase</b>	Improves the focusing of a stable image.

# Using USB Multi Media Player

## Notes about using USB

- Before using this function, make sure that you select the correct source (**USB**) and insert a USB storage device on the TV to view compatible photo, movie and text on the TV screen or play compatible music through the TV.
- If the connected USB HDD does not have an external power source, it may not be detected. Be sure to connect the external power source.
- To avoid losing the data on your USB device or damaging your USB device, it is recommended that you back up your USB device data.
- The USB multi media playing menu may vary in different situations.
- If you want to pull out the USB device, please exit USB mode first.
- For instructions on using your USB device, refer to the owner's manual for your USB device.
- Never remove the USB device or turn off the TV while using the USB device. Doing so may result in loss of data and/or damage to the USB device and/or TV.
- Certain types of USB devices may not be compatible with this TV.

## Playing Photo



You can connect the USB device to the TV to display most photos in JPG, BMP and PNG format, but for the sake of technical updating, some formats mentioned above may not be supported.

- 1 Press the **USB** button to access the USB multi media playing menu.
- 2 Press **◀** or **▶** to select **PHOTO** and press **OK** to access.
- 3 Press **◀** or **▶** to select the **C** disk and press **OK** to open it. (If you want to go back, highlight **Return** and press **OK**.)
- 4 Use **▲ ▼ ◀ ▶** to navigate and select folders or photo files, then press **OK** to open the highlighted folder or press **▶▶** to start slide show from the current photo file. Below we will take it as an example that your desired photo files are contained in a folder. Highlight the folder you want to open and press **OK** to open it. All your photo files will be shown in a thumbnail index.
- 5 The following describes how to use the Photo Viewer Index:
  - To return to the root, highlight **Return** and press **OK**.
  - To go back to the upper level folder, highlight **Up Folder** and press **OK**.
  - To start slide show from your desired photo, highlight this photo and press **▶▶**.
  - To mark photos so you can view only these photos in a slide show, use **▲ ▼ ◀ ▶** to highlight the specific photo and press **OK**. A check mark appears on it (press **OK** again to cancel the mark). Repeat the process to create your favorite photo list.

## Using USB Multi Media Player (Continued)

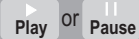











- 6 During the slide show, you can make use of the **Photo Menu Bar** to perform many functions.

To open and operate the Photo Menu Bar, press the  $\equiv$  button during the slide show. The Photo Menu Bar will be displayed at the bottom of the screen. Use  $\blacktriangleleft$   $\blacktriangleright$  to select your desired function, press **OK** to fulfill the function. If the function icon has several options, continue pressing **OK** to select it.

- 7 Press  $\curvearrowright$  button to return to the previous menu.

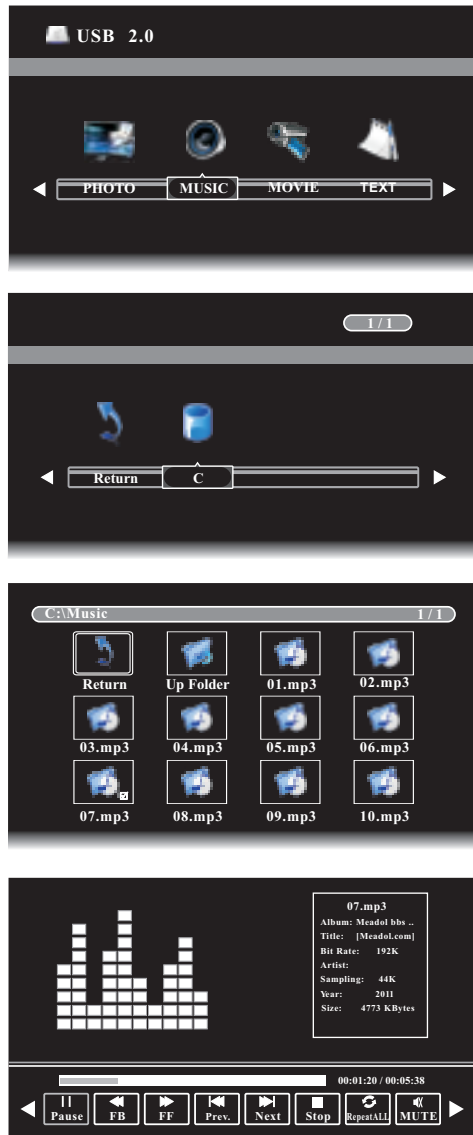
The following describes every function icon on the **Photo Menu Bar**.

	<b>Play/pause.</b> You can also press $\blacktriangleright\parallel$ on the remote control to play or pause.
	Go to the <b>previous/next photo</b> . You can also press $\blacktriangleleft/\blacktriangleright$ on the remote control to go to the previous or next photo.
	<b>Stop playing.</b> You can also press $\blacksquare$ on the remote control to stop playing.
	<b>Repeat mode selection.</b> Highlight this icon and continue pressing <b>OK</b> to select <b>Repeat I</b> , <b>RepeatALL</b> or <b>NoRepeat</b> .
	<b>Play/pause background music.</b> <b>Note:</b> You can play your <b>selected</b> compatible music files as background music during a photo slide shows.
	<b>List of photo files.</b> It will display a list of all marked compatible photo files in the current folder. If no photo files are marked, all compatible photo files will show in this list. Press $\blacktriangle$ $\blacktriangledown$ to move upward or downward and press <b>OK</b> to start the slide show. Highlight <b>Exit</b> and press <b>OK</b> to exit the list.
	<b>Displays the current photo file information.</b>
	<b>Rotate the photo clockwise/counterclockwise</b> by 90 degrees every time the button is pressed.
	<b>Zoom in/zoom out</b> of the photo image.
	<b>Pan</b> (left, right, up, down). You can use Pan only when the photo is magnified.



# Using USB Multi Media Player (Continued)

## Playing Music



Generally, audio play supports MP3, WMA and AAC formats, but for the sake of technical updating, some formats mentioned above may not be supported.

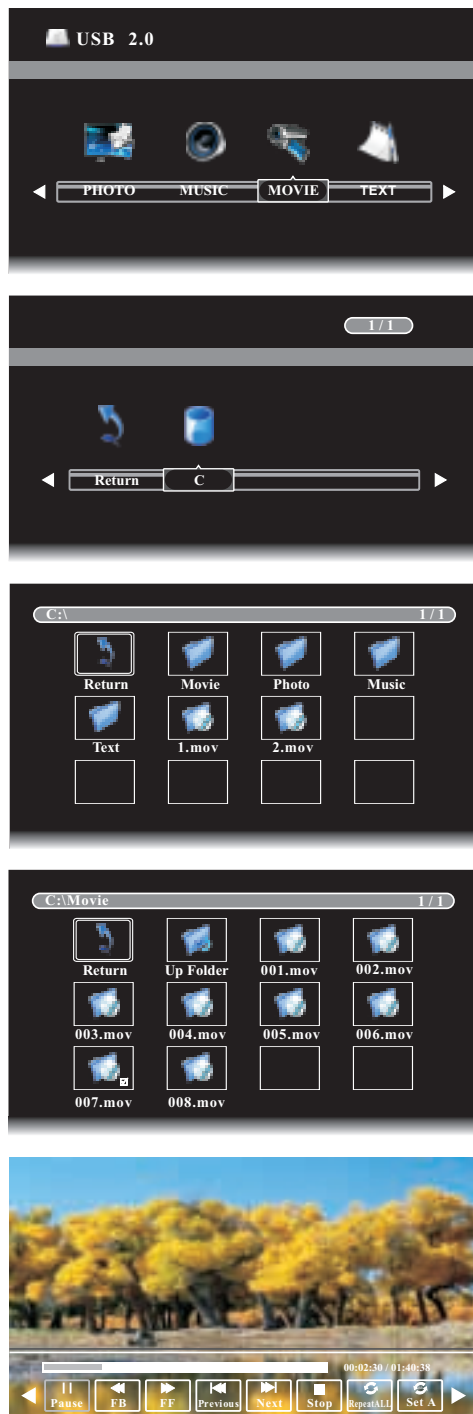
- 1 Press the **USB** button to access the USB multi media playing menu.
- 2 Press ◀ or ▶ to select **MUSIC** and press **OK** to access.
- 3 Press ◀ or ▶ to select the **C** disk and press **OK** to open it. (If you want to go back, highlight **Return** and press **OK**.)
- 4 Use ▲ ▼ ◀ ▶ to navigate and select folders or music files, then press **OK** to open the highlighted folder or press ▶▶ to start playing music from the current music file. Below we will take it as an example that your desired music files are contained in a folder. Highlight the folder you want to open and press **OK** to open it. All your music files will be shown in a thumbnail index.
- 5 The following describes how to use the music thumbnail Index:
  - To return to the root, highlight **Return** and press **OK**.
  - To go back to the upper level folder, highlight **Up Folder** and press **OK**.
  - To start playing from your desired music file, highlight this file and press ▶▶.
  - To mark music files so you can play only these music files, use ▲ ▼ ◀ ▶ to highlight these music files and press **OK**. A check mark appears on it (press **OK** again to cancel the mark). Repeat the process to create your favorite music list.
- 6 While the music is playing, you can make use of the **Music Menu Bar** to perform many functions.  
To open and operate the Music Menu Bar, press the ≡ button while the music is playing. The Music Menu Bar will be displayed at the bottom of the screen. Use ◀ ▶ to select your desired function, press **OK** to fulfill the function. If the function icon has several options, continue pressing **OK** to select it.
- 7 Press ⏮ button to return to the previous menu.

The following describes every function icon on the Music Menu Bar.

	<b>Play/pause.</b> You can also press ▶▶ on the remote control to play or pause.
	<b>Fast reverse/fast forward.</b> You can also press ◀◀/▶▶ on the remote control to go to fast reverse or forward.
	Go to the <b>previous/next file</b> . You can also press ◀◀/▶▶ on the remote control to go to the previous or next file.
	<b>Stop playing.</b> You can also press ■ on the remote control to stop playing.
	<b>Repeat mode selection.</b> Highlight this icon and continue pressing <b>OK</b> to select <b>Repeat I</b> , <b>RepeatALL</b> or <b>NoRepeat</b> .
	<b>Mute</b> the sound. Press it again to restore the sound.
	<b>List of music files.</b> It will display a list of all marked compatible music files in the current folder. If no music files are marked, all compatible music files will show in this list. Press ▲ ▼ to move upward or downward and press <b>OK</b> to start playing music. Highlight <b>Exit</b> and press <b>OK</b> to exit the list.
	<b>Skip to a specific point by input time.</b> Highlight this icon and press the <b>OK</b> button to open the <b>Input search time</b> screen. Press ◀ or ▶ to move the cursor and use the number buttons to insert the time. Highlight <b>Select</b> and press the <b>OK</b> button to do a time search and it will start playing from the set time. <b>Note:</b> If you want to show the associated lyrics on the screen with the music, you must store these associated lyrics in the same folder using the same file name with “.lrc” file extensions.

# Using USB Multi Media Player (Continued)

## Playing Movie



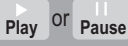



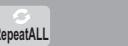

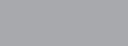






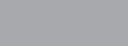
Generally, video play supports AVI, MPG, MPEG, DAT, MP4, TS, RM/RMVB and MKV/MOV formats, but for the sake of technical updating, some formats mentioned above may not be supported.

- 1 Press the **USB** button to access the USB multi media playing menu.
- 2 Press ◀ or ▶ to select **MOVIE** and press **OK** to access.
- 3 Press ◀ or ▶ to select the **C** disk and press **OK** to open it. (If you want to go back, highlight **Return** and press **OK**.)
- 4 Use ▲ ▼ ◀ ▶ to navigate and select folders or movie files, then press **OK** to open the highlighted folder or press ▶▶ to start playing the movie from the current movie file. Below we will take it as an example that your desired movie files are contained in a folder. Highlight the folder you want to open and press **OK** to open it. All your movie files will be shown in a thumbnail index.
- 5 The following describes how to use the movie thumbnail Index:
  - To return to the root, highlight **Return** and press **OK**.
  - To go back to the upper level folder, highlight **Up Folder** and press **OK**.
  - To start playing from your desired movie file, highlight this file and press ▶▶.
  - To mark movie files so you can play only these movie files, use ▲ ▼ ◀ ▶ to highlight these movie files and press **OK**. A check mark appears on it (press **OK** again to cancel the mark). Repeat the process to create your favorite movie list.
- 6 While the movie is playing, you can make use of the **Movie Menu Bar** to perform many functions.

To open and operate the Movie Menu Bar, press the ≡ button. The Movie Menu Bar will be displayed at the bottom of the screen. Use ◀ ▶ to select your desired function, press **OK** to fulfill the function. If the function icon has several options, continue pressing **OK** to select it.
- 7 Press ⏮ button to return to the previous menu.

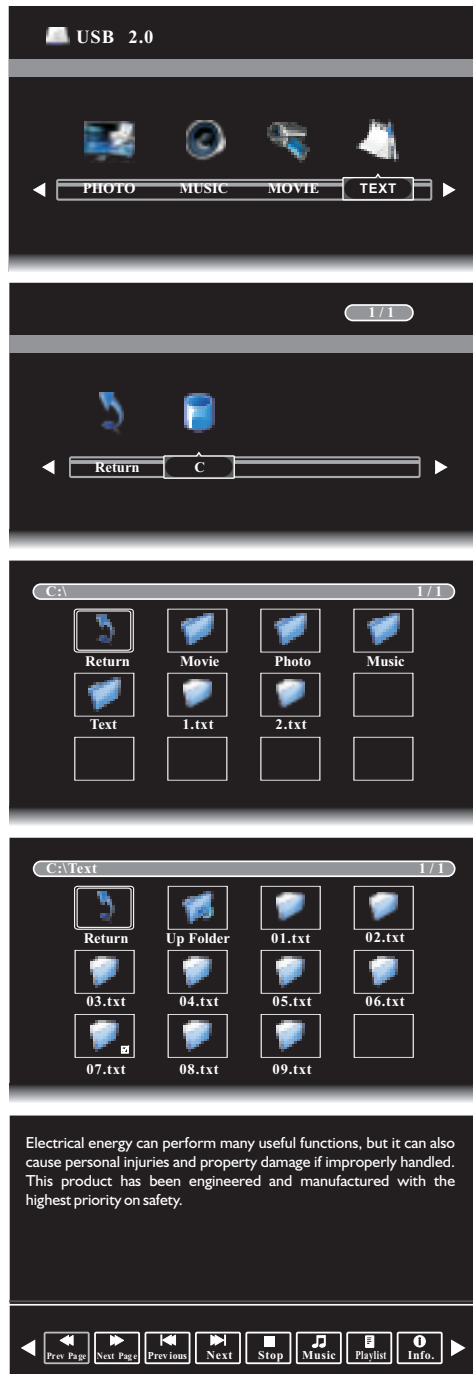
## Using USB Multi Media Player (Continued)

The following describes every function icon on the Movie Menu Bar.

	<b>Play/pause.</b> You can also press ►   on the remote control to play or pause.
	<b>Fast reverse/fast forward.</b> You can also press ◀▶ on the remote control to go to fast reverse or forward.
	Go to the <b>previous/next file</b> . You can also press ◀▶ on the remote control to go to the previous or next file.
	<b>Stop playing.</b> You can also press ■ on the remote control to stop playing.
	<b>Repeat mode selection.</b> Highlight this icon and continue pressing <b>OK</b> to select <b>Repeat I</b> , <b>RepeatALL</b> or <b>NoRepeat</b> .
	<b>Rewind the selected part of the movie to repeat it.</b> Highlight this icon, press <b>OK</b> once to select the starting point. <b>A-set</b> will display on the screen. Press the <b>OK</b> button again to selected the end point. <b>AB-set</b> will display on the screen. The unit will rewind the selected part of the movie to where it will be repeated. Press <b>OK</b> again to cancel.
	<b>List of movie files.</b> It will display a list of all marked compatible movie files in the current folder. If no movie files are marked, all compatible movie files will show in this list. Press ▲ ▼ to move upward or downward and press <b>OK</b> to start playing the movie. Highlight <b>Exit</b> and press <b>OK</b> to exit the list.
	<b>Displays the current movie file information.</b>
	<b>Speed down.</b> Highlight this icon and continue pressing <b>OK</b> to select <b>SF2X</b> , <b>SF4X</b> , <b>SF8X</b> , <b>SF16X</b> .
	<b>View the movie in frame step mode.</b>
	<b>Skip to a specific point by input time.</b> Highlight this icon and press the <b>OK</b> button to open the <b>Input search time</b> screen. Press ◀ or ▶ to move the cursor and use the number buttons to insert the time. Highlight <b>Select</b> and press the <b>OK</b> button to do a time search and it will start playing from the set time . <b>Note:</b> The <b>skip</b> function may not work on some movies due to their information limitation. Also the input time value for skip is only served as a reference. The actual point located may differ depending on the movie signal.
	<b>Zoom in/zoom out</b> of the image.
	<b>Select the aspect ratio.</b> Highlight this icon and continue pressing <b>OK</b> to select <b>Auto</b> , <b>Normal</b> or <b>Wide</b> .
	<b>Pan</b> (left, right, up, down). You can use Pan only when the image is magnified.

# Using USB Multi Media Player (Continued)

## Playing Text



Text play supports TXT format, but for the sake of technical updating, not all TXT format can be supported.

- 1 Press the **USB** button to access the USB multi media playing menu.
- 2 Press **◀** or **▶** to select **TEXT** and press **OK** to access.
- 3 Press **◀** or **▶** to select the **C** disk and press **OK** to open it. (If you want to go back, highlight **Return** and press **OK**.)
- 4 Use **▲ ▼ ◀ ▶** to navigate and select folders or text files, then press **OK** to open the highlighted folder or press **▶||** to start to play the current text file. Below we will take it as an example that your desired text files are contained in a folder. Highlight the folder you want to open and press **OK** to open it. All your text files will be shown in a thumbnail index.
- 5 The following describes how to use the text thumbnail Index:
  - To return to the root, highlight **Return** and press **OK**.
  - To go back to the upper level folder, highlight **Up Folder** and press **OK**.
  - To start to play your desired text file, highlight this file and press **▶||**.
  - To mark text files to be able to play the text files, use **▲ ▼ ◀ ▶** to highlight this text file and press **OK**. A check mark appears on it (press **OK** again to cancel the mark). Repeat the process to create your favorite text file list.
- 6 While the text is playing, you can make use of the **Text Menu Bar** to perform many functions. To open and operate the Text Menu Bar, press the **≡** button while the text is playing. The Text Menu Bar will be displayed at the bottom of the screen. Use **◀ ▶** to select your desired function, press **OK** to fulfill the function. If the function icon has several options, continue pressing **OK** to select it.

- 7 Press **↶** button to return to the previous menu.

The following describes every function icon on the Text Menu Bar.

	<b>Page up/Page down.</b> You can also press <b>◀▶</b> on the remote control to go to the previous or next page.
	<b>Go to the previous/next file.</b> You can also press <b>◀▶</b> on the remote control to go to the previous or next file.
	<b>Stop playing.</b> You can also press <b>■</b> on the remote control to stop playing.
	<b>Play/pause background music.</b> <b>Note:</b> You can play your marked compatible music files as background music during text display.
	<b>List of text files.</b> It will display a list of all marked compatible text files in the current folder. If no text files are marked, all compatible text files will show in this list. Press <b>▲ ▼</b> to move upward or downward and press <b>OK</b> to start playing. Highlight <b>Exit</b> and press <b>OK</b> to exit the list.
	<b>Displays the current text file information.</b>

# Troubleshooting

If, after reading these operating instructions, you have additional questions related to the use of your television, please call the local services center in your area.

Before calling the service center, please check the symptoms and follow suggested solutions.

## Remote Control

Problem	Possible Solutions
Remote control does not operate	<ul style="list-style-type: none"><li>• The batteries could be weak. Replace the batteries.</li><li>• Check the orientation of the batteries.</li><li>• Make sure the power cord is plugged in.</li></ul>

## Video and Audio

Problem	Possible Solutions
No picture (screen not lit), No sound	<ul style="list-style-type: none"><li>• Make sure the power cord is plugged in.</li><li>• Press POWER on the TV or on the remote control.</li><li>• Try another channel; it could be station trouble.</li></ul>
Dark, poor or no picture (Screen lit), good sound	<ul style="list-style-type: none"><li>• Select a proper picture mode.</li><li>• Adjust the brightness in the video setting.</li><li>• Check the antenna/cable connections.</li></ul>
No color/dark picture/color is not correct	<ul style="list-style-type: none"><li>• Adjust the color saturation in the video setting.</li></ul>
Only snow and noise appear on the screen	<ul style="list-style-type: none"><li>• Check the antenna connections.</li><li>• Try another channel; it could be station trouble.</li></ul>
Dotted lines or stripes	<ul style="list-style-type: none"><li>• Adjust the antenna.</li><li>• Move the TV away from noise sources such as cars, neon signs, or hair dryers.</li></ul>
Double images	<ul style="list-style-type: none"><li>• Using a highly directional outdoor antenna may solve the problem.</li></ul>
Good picture, no sound	<ul style="list-style-type: none"><li>• The sound may be muted. Press the MUTE button to restore the sound.</li></ul>
Audio noise	<ul style="list-style-type: none"><li>• Communication problems may occur if infrared communication equipment (e.g., infrared cordless headphones) is used near the TV. Move the infrared communication equipment away from the TV until the noise is eliminated.</li></ul>

## General

Problem	Possible Solutions
One or some channels can't be displayed	<ul style="list-style-type: none"><li>• These channels may be set skipped. You may set it to not skipped or select them with 0-9 number buttons.</li></ul>
Some items can't be accessed	<ul style="list-style-type: none"><li>• If a setting option appears in gray, this indicates that the settings option is unavailable in current input mode.</li></ul>
TV cabinet creaks	<ul style="list-style-type: none"><li>• When the TV is in use, there is a natural rise in temperature, causing the cabinet to expand or contract and may be accompanied by a slight creaking noise. This is not a malfunction.</li></ul>
Control buttons do not operate	<ul style="list-style-type: none"><li>• Disconnect the power cord and wait for a few seconds. Then re-plug the power cord and turn on the unit again.</li></ul>

**Note:** If your problem is not solved, turn your unit off and then on again.

**Cautions:** Never attempt to repair a defective TV yourself.

# Specifications

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Type:	LED-LCD TV
Panel:	39" TFT LCD (with LED backlight)
TV system:	PAL-BG/DK/I, NTSC(AV)
Power Requirement:	AC 220-240 V, 50/60 Hz
Power Consumption:	74W
Dimensions(WxHxD, withstand):	893×576×225 mm
Weight:	11.2 kg
Terminals:	Antenna in (1) AV in (1) COMPONENT in (1) PC in (1) HDMI in (3) Headphone (1) USB port (1) AV out (1)

**Note:**

- 1. Design and specifications are subject to change without notice.**
- 2. Weight and dimensions shown are approximate.**
- 3. Specifications and external appearance may be changed for the sake of improvement.**

## Appendix: Installing the Stand

If the stand is provided, please read these instructions thoroughly before attempting this installation.

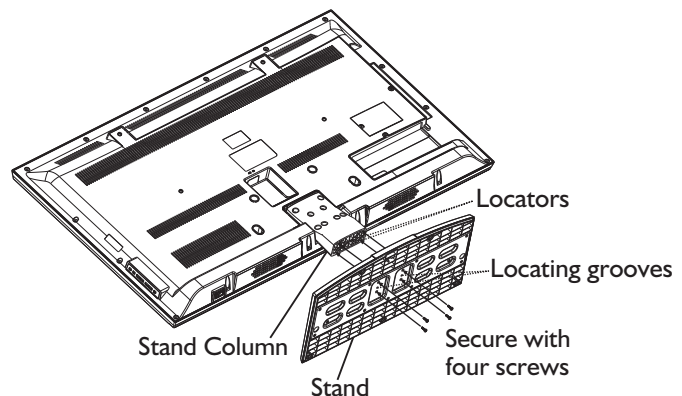
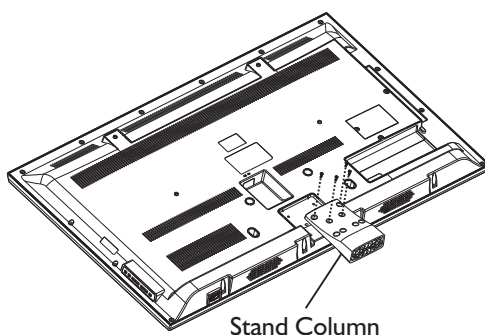


### Safety Precautions:

1. Please read these instructions thoroughly prior to attempting this installation.
2. Be sure to handle this product very carefully when attempting assembly. If you are unsure of your capability, or the use of tools necessary to complete this activity, refer to a professional installer or service personnel. The manufacturer is not responsible for any damages or injuries that occur due to mishandling or improper assembly/installation.
3. When using a table or bench as an aid to assembly, be sure to put a soft cushion or covering to prevent accidental scratching or damage to the unit's finish.
4. The speaker is not intended to support the weight of this display. Do not move or handle this product from the speaker; which can cause damage to the display not covered under the manufacturer's warranty.

### **To install the stand:**

1. Remove the stand from the box and place it on a table or bench.  
You must pay attention to the direction of the stand. The wide portion of the stand should go towards the front of the TV.
2. Lay your TV flat (screen down) on the edge of a table or bench. Make sure that you put down a soft cushion or cloth so that your TV is not scratched.
3. Attach the stand column to the back of the TV, align the holes in the TV back with the holes in the stand column, then secure the stand column to the TV with the screws provided.
4. Align the stand to the stand column, move the stand gently until the locators on the stand column align with the locating grooves on the stand. Align the holes in the stand with the holes in the stand column, then secure the stand to the column with the screws provided.



To remove the stand from the TV, perform these steps in reverse order.

### **NOTE:**

1. Appearance of this product in illustrations may differ from your actual product, and is for comparative purposes only.
2. Design of this accessory or display products are subject to change without notice.



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