

OWNER'S MANUAL

Palsonic

**66CM WIDE SCREEN LCD TV/MONITOR
MODEL: TFTV665UBK**



N111

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Important Safety Precautions

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 LCD 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.

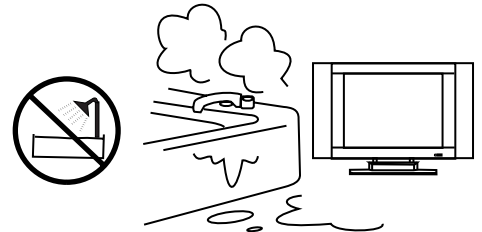
2. Keep these instructions---These safety and operating instructions must be kept in a safe place for future reference.

3. Heed all warnings---All warnings on the product and in the instructions must be observed closely.

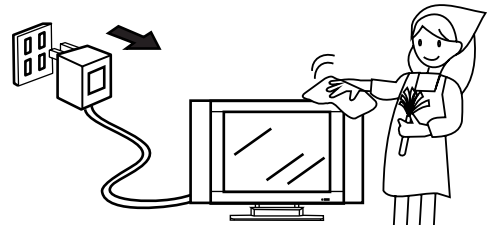
4. Follow all instructions---All operating instructions must be followed.

5. Do not use this apparatus near water---for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near swimming pool, and the like.

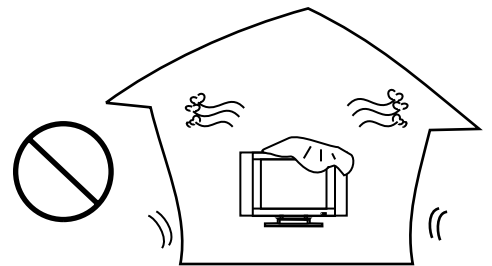
Do not use immediately after moving from a low temperature to high temperature environment, as this causes condensation, which may result in fire, electric shock, or other hazards.



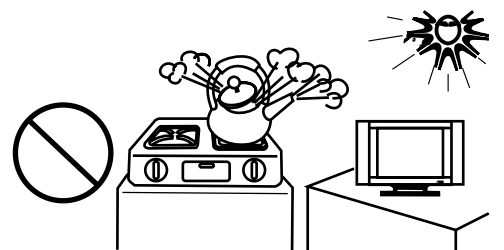
6. Clean only with dry cloth---Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.



7. 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.



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



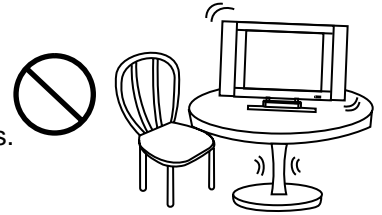
9. Grounding or Polarisation---Do not defeat the safety purpose of the polarised or grounding-type plug. A polarised plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. **(America only)**

10. 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.

11. Attachments---Only use attachments/ accessories specified by the manufacturer. Do not use attachments not recommended by the manufacturer. Use of improper attachments can result in accidents.

Important Safety Precautions (continued)

12. 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 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 by the hardware recommended manufacturer.

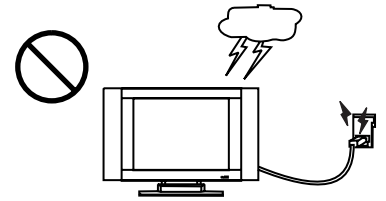


13. Carefully move---When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. Sudden stops, excessive force and uneven floor surfaces can cause the product to fall from the trolley.



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



15. Servicing---Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as 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.

16. 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 shock and/or original parts. Use of unauthorised parts can result in fire, electric other danger.

17. 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.

18. Entering of objects and liquids---Never insert an object into the product through vents or openings. High voltage flows and/or in the product, and inserting an object can cause electric shock short internal parts. For the same reason, do not spill water or liquid on the product.

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

- When the power cord or plug is damaged.
- When a liquid is spilled on the product or when objects have fallen into the product.
- When the product has been exposed to rain or water.
- 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.

- If the product has been dropped or the cabinet has been damaged in any way.
- 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.

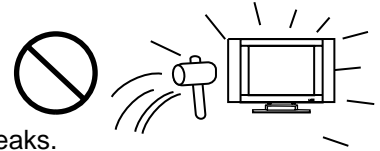
20. Safety checks---Upon completion of service or repair work, request the service technician to perform safety checks to ensure that the product is in proper operating condition.

21. 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)

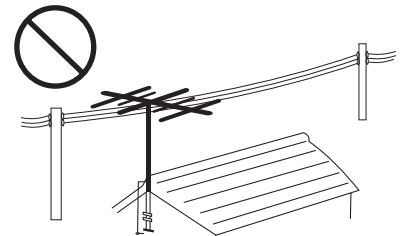
22. Power source---This product is intended to be supplied by a listed power supply indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system. This will prevent damage to the product due to lightning and power line surges. When the unit has to be used with another power supply voltage, the power cable must be changed. Consult your product dealer. The socket outlet should be installed near the equipment and easily accessible. Use only the power cord designated by our dealer to ensure safety and EMC. When connecting other products such as VCRs and personal computers, you should turn off the power of the unit for protection against electric shock.

23. Panel protection---The LCD 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 LCD panel breaks.



24. Pixel defect---The LCD 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.

- An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can collide with such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.



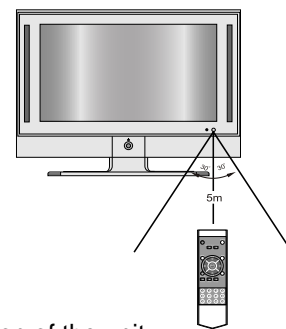
WARNING: For continued safety, apparatus with class 1 construction shall be connected to a mains socket outlet with a protective earthing connection.

Preparations

Using the Remote Control

- Use the remote control by pointing it towards the remote sensor window of the set. Objects between the remote control and sensor window may prevent proper operation.

Note: the illustration is for your reference only, the remote sensor may locate differently with different model.



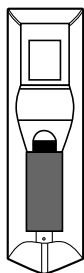
Cautions regarding use of remote control

- 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 LCD TV set, or operate the remote control closer to the remote sensor window.

Batteries for the Remote Control

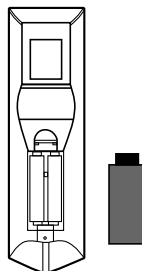
If the remote control fails to operate the LCD TV functions, replace the batteries in the remote control.

1 Open the battery cover.

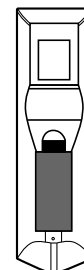


2 Insert two size-AAA batteries.

(Place the batteries with their terminals corresponding to the (+) and (-) indications in the battery compartment.)



3 Replace the battery cover.



Precautions on battery use

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.
- If the remote control is not used for an extended period of time, remove the batteries from the remote control.

Power Connection

Insert the AC plug into a conveniently located AC outlet.

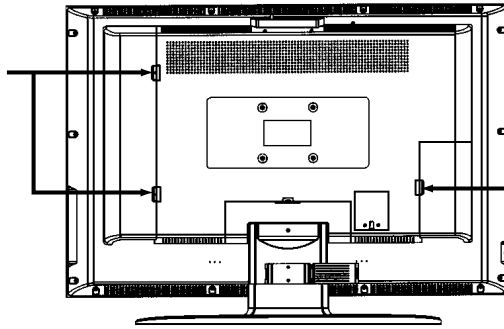
Note:

- 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.

Preparation (continued)

To open or close the back cover

Push downward and then pullout the cover carefully to remove the cover.



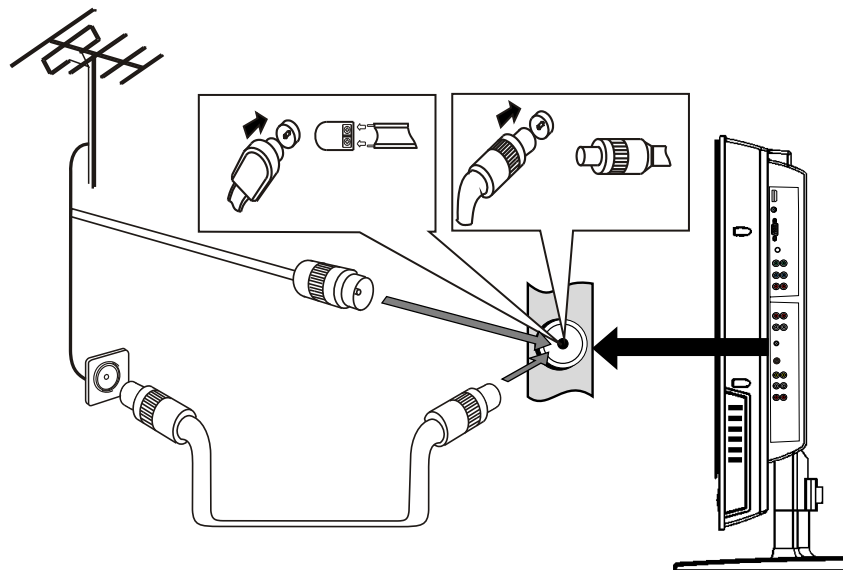
Before you connect external devices with the unit, please remove the Back Cover first.

After you finish connecting, aim the Hook toward the Locating groove, then carefully push the Cover until the Cover locks in place with a click.

Antenna Connection

INSTALL the unit in a room where direct light will not fall upon the screen. Total darkness or a reflection on the picture screen may cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.

Optimum reception of colour requires a good signal and will generally mean that an outdoor antenna must be used. The exact type and position of the antenna will depend upon your particular area.

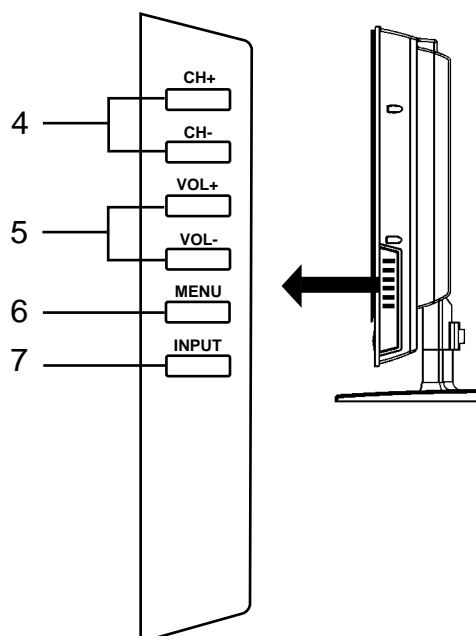
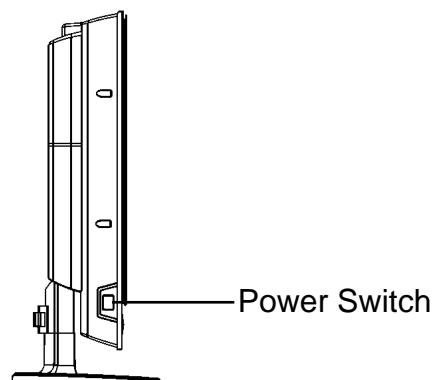
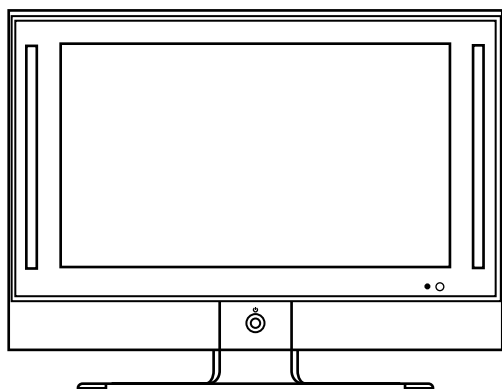


Note:

It is recommended that the 75-ohm coaxial cable be 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.

Identification of Controls

Main Unit



1. POWER

Press this button to turn the unit ON from STANDBY mode. Press it again to turn the set back to STANDBY.

2. Power Indicator

3. Remote Sensor

4. CH+/-

Press these two buttons to directly change the TV channel;
In OSD Menu, press these buttons to choose the OSD item.

5. VOL+/-

Press the **VOL+** or **VOL-** button to directly increase or decrease the sound volume level;
In OSD Menu, press these buttons to adjust the value or setting of each item.


6. MENU

Press this button to access the Menu main page.

7. INPUT

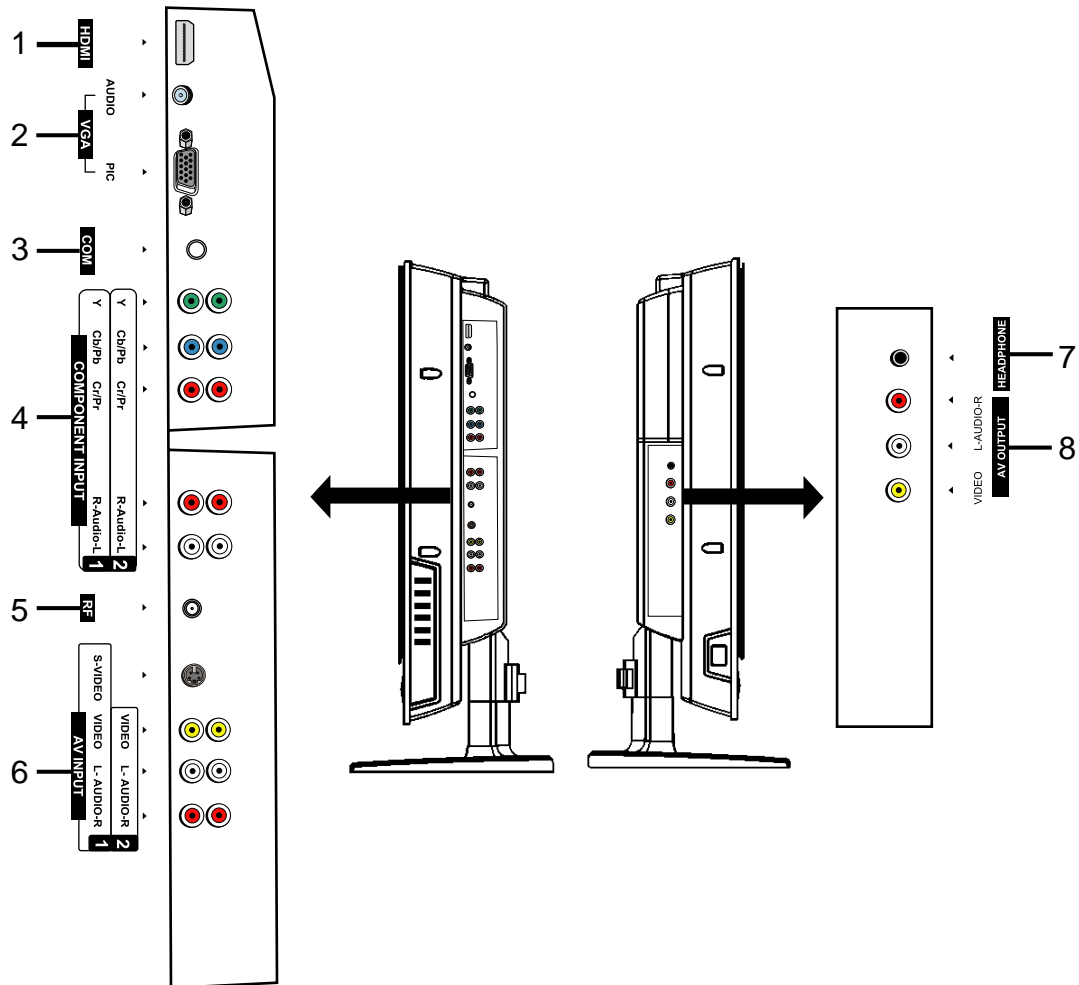
To access signal input select menu.

Note:

Functions of **VOL+/-**, **CH+/-**, **MENU**, **INPUT** and **POWER**  are also provided to the remote control. This operation manual provides a description based on operating functions with the remote control. OSD means On Screen Display.

Identification of Controls (continued)

Main Unit



1. HDMI interface

2. VGA input/Audio in

Connect to the VGA /audio output sockets on your PC.

3. COM port

For service only. The user cannot operate the unit through the COM port.

4. Component inputs

Connect to the component and audio output sockets of a DVD player or Set-Top Box.

5. Antenna input

Allows you to connect cable or outdoor antenna.

6. AV inputs (S-Video, Video, Audio L, R)

Receive video/audio signals from external sources such as VCR or DVD player.

7. Headphone jack

8. AV outputs (Video, Audio L, R)

Connect to the VCR input jacks to record programs.

Identification of Controls (continued)

Remote Control



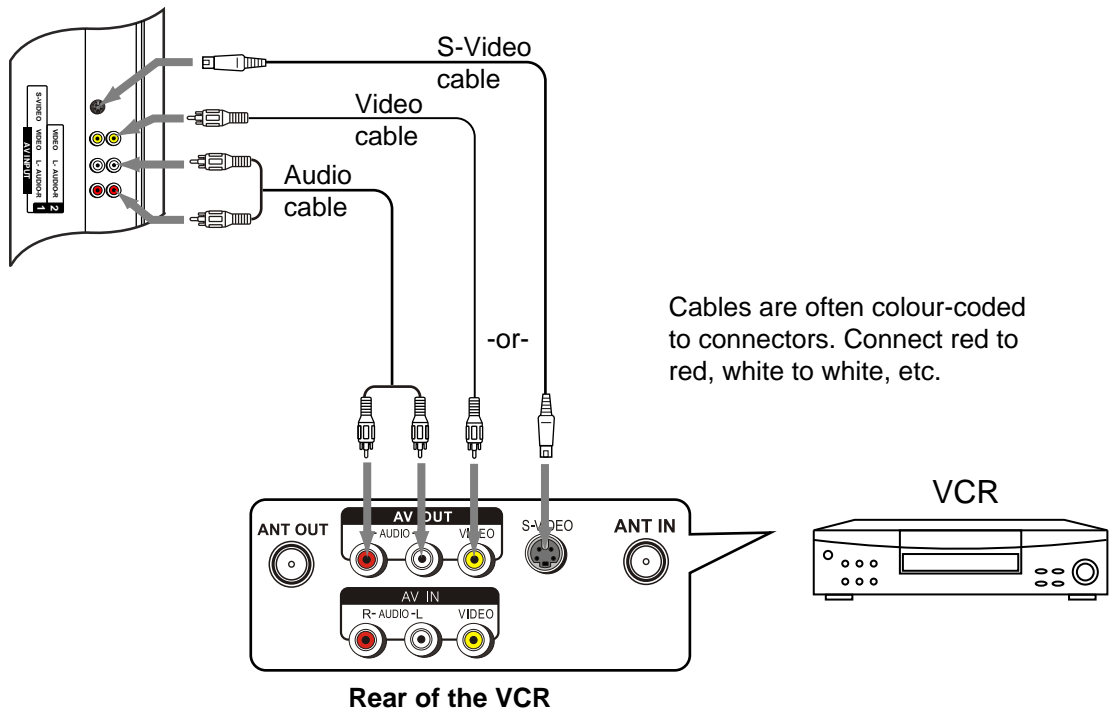
- 1. POWER** Turn the unit on or off
- 2. MAG.C** To demo magic picture
- 3. ADJUST** To rectify the picture automatically in VGA mode
- 4. STILL** to freeze current picture
- 5. CH+/- (▲/▼), VOL+/- (◀/▶), MENU**
CH+/- (▲/▼) To select channels upwards or downwards; to move upwards or downwards in menu operation
VOL+/- (◀/▶) Use to adjust volume;
To move left or right in menu operation; to adjust menu item when in menu operation;
MENU button: To access or exit menu main page
- 6. INPUT** To access source select menu
- 7. PICTURE** To select the picture menu
- 8. AUDIO** To select the sound mode
- 9. 0-9 NUMBER** Use these buttons to select channel or input password
- 10. ZOOM** To select aspect ratio
- 11. MUTE** To temporarily mute the sound
- 12. NR** To select the noise reduction mode
- 13. FAVORITE** to cycle among all favourite channels
- 14. SLEEP** To set sleep timer
- 15. DISPLAY** To display channel status or signal information
- 16. RETURN** To quickly return to the previous channel

Connections

Cautions before connecting

- Carefully check the terminals for position and type before making any connections.
- The illustration of the external equipment may be different depending on your model.
- Loose connectors can result in image or colour problems. Make sure that all connectors are securely inserted into their terminals.
- Refer to the operating manual of the external device as well.
- When connecting an external device, turn the power off to avoid any issues.

Connect a VCR



The unit provides two groups of Audio/Video inputs for you to connect external devices such as VCR, Video Camera or Home video game system.

How to connect:

Connect the Audio/Video cables between the Audio (L/R) Video jacks on the unit and external devices.

To view signal from AV/S-VIDEO inputs

1. Turn on your LCD TV, press **INPUT** button on the remote control.
2. Use **▲** or **▼** repeatedly to select **AV1** (or **SVIDEO** if the S-Video terminal is connected) and press **◀** or **▶** to confirm.
3. Turn on the external device and play it.

Note:

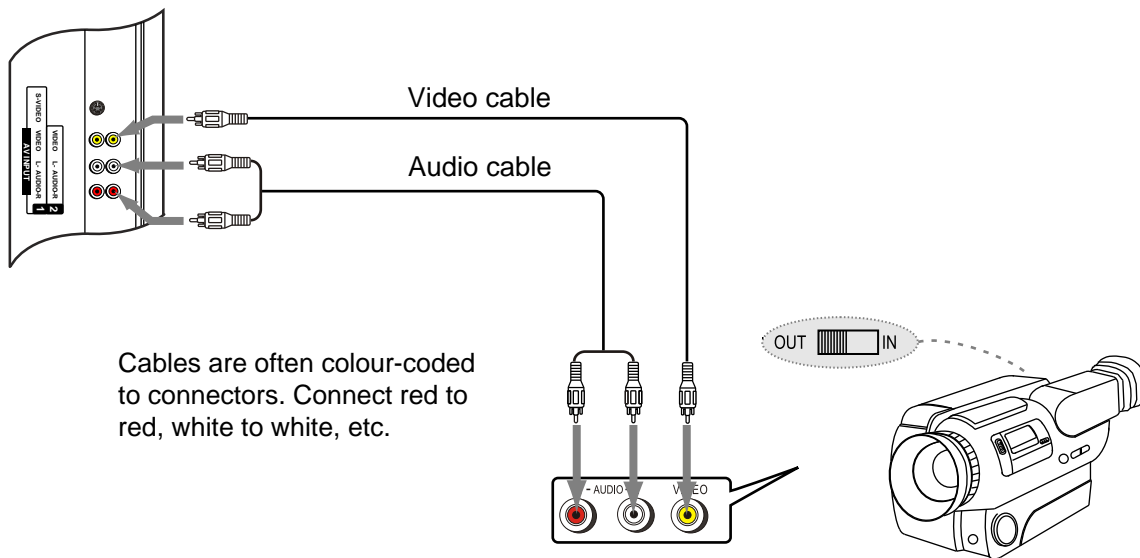
For better video, you can use the **S-Video** terminal if your source supports it. The **S-Video** is prior to Video terminal when they are connected at the same time. To view picture from the Video terminal, disconnect any plug from the **S-Video** terminal.

The **Video** input terminal on the **AV1 IN** and the **S-Video** input terminal share the same **Audio** input terminals.

INPUT
VGA
HDMI
TV
AV1
AV2
SVIDEO
YPBPR1
YPBPR2
:OK

Connections (continued)

Connect a Camcorder



How to connect:

Connect the Audio/Video cables between the Audio (L/R) Video jacks on the unit and camcorder.

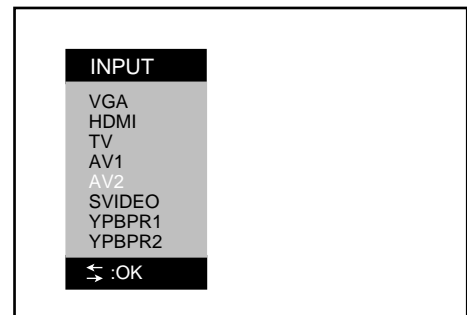
To playback Camcorder

1. Turn on your LCD TV, press **INPUT** button on the remote control to select **AV2**, and press **◀** or **▶** to confirm.
2. Turn on your camcorder and set it to output mode. (For details, refer to your camcorder user manual.)
3. Insert the tape into the camcorder and press Play button.

Note:

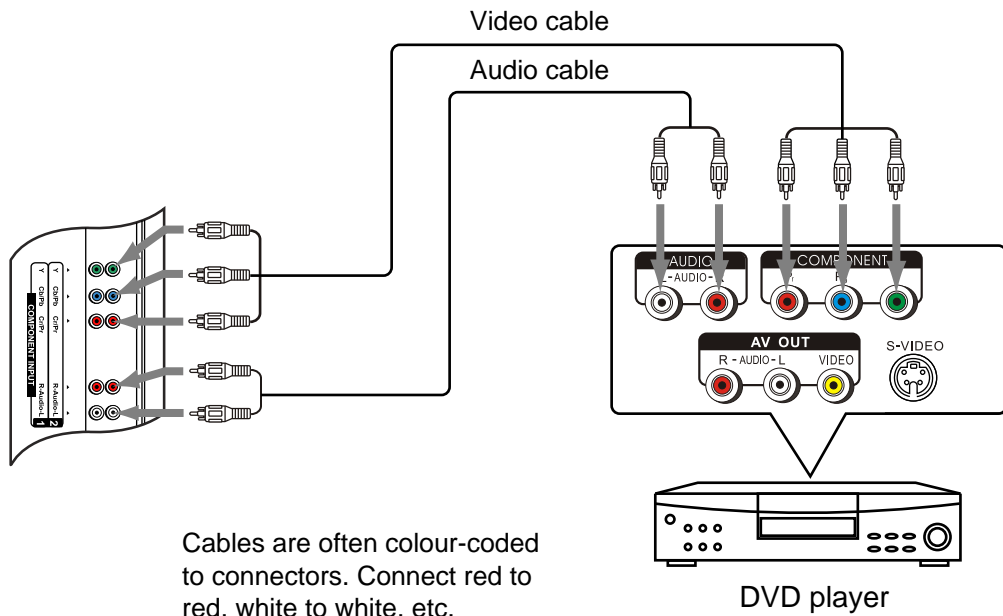
The operations of the camcorder may be different and is dependent on your model.

Please read the user manual of your camcorder to confirm operation.



Connections (continued)

Connect a DVD player

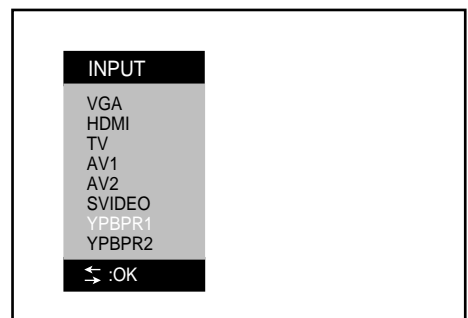


How to connect a DVD Player using Component Video Connections:

Connect the Video cable between the Y, Cb/Pb, Cr/Pr input jacks on the unit and Y, Pb, Pr output jacks on the DVD player. Connect the Audio cable between the AUDIO input jack on the unit and AUDIO output jacks on the DVD player.

To play DVD

1. Turn on your LCD TV, press **INPUT** button on the remote control.
2. Use **▲** or **▼** repeatedly to select **YPBPR1** or **YPBPR2** and press **◀** or **▶** to confirm.
3. Turn on your DVD player, insert a DVD disc and press the Play button.

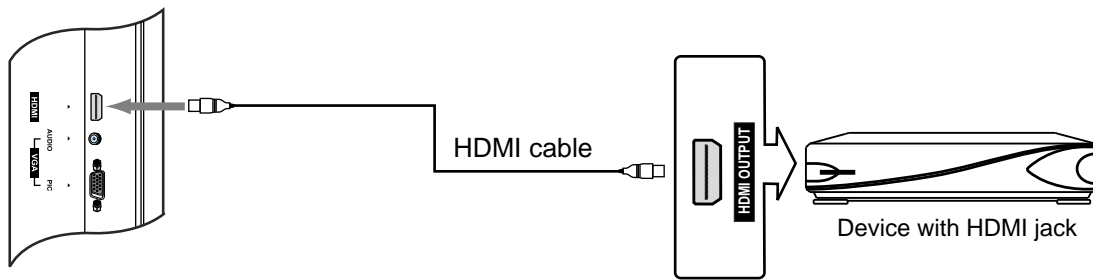


Note:

The Y, Pb,Pr outputs on your DVD player are sometimes labelled Y, Cb, Cr or Y, B-Y, R-Y. If so, connect the cables to like colours.

Connections (continued)

Connect a HDMI device



How to connect:

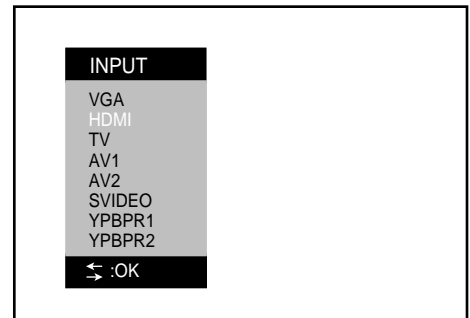
Connect the HDMI cable between the HDMI input jacks on the unit and HDMI output jacks on the product.

Note:

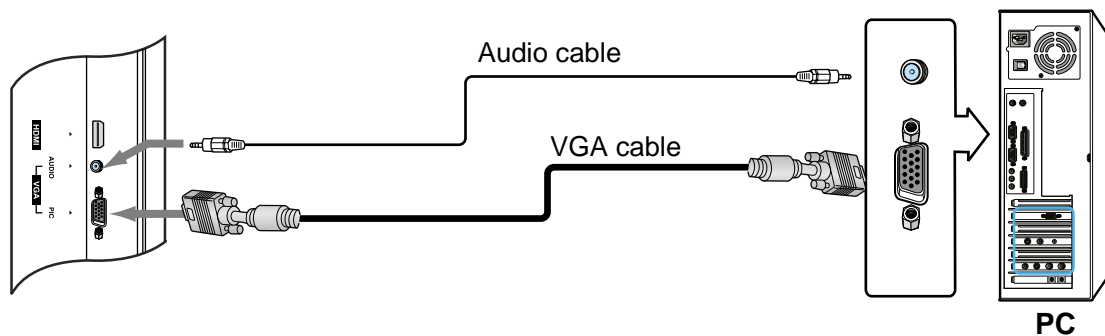
If the external device has DVI output only, use a DVI to HDMI adapter cable to connect to the HDMI terminal. Connect the audio cable to the VGA AUDIO IN jack on the TV rear.

To Play the Device

1. Turn on your LCD TV, press **INPUT** button on the remote control.
2. Use **▲** or **▼** repeatedly to select **HDMI** and press **◀** or **▶** to confirm.
3. Turn on your device.



Connect a PC

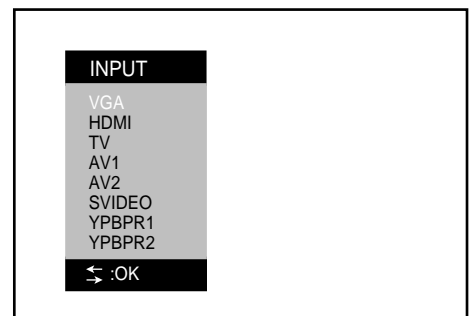


How to connect:

Connect a VGA cable between the VGA interface on the PC and the VGA interface on the unit. Connect an Audio cable between the AUDIO output on the PC and AUDIO input socket on the unit.

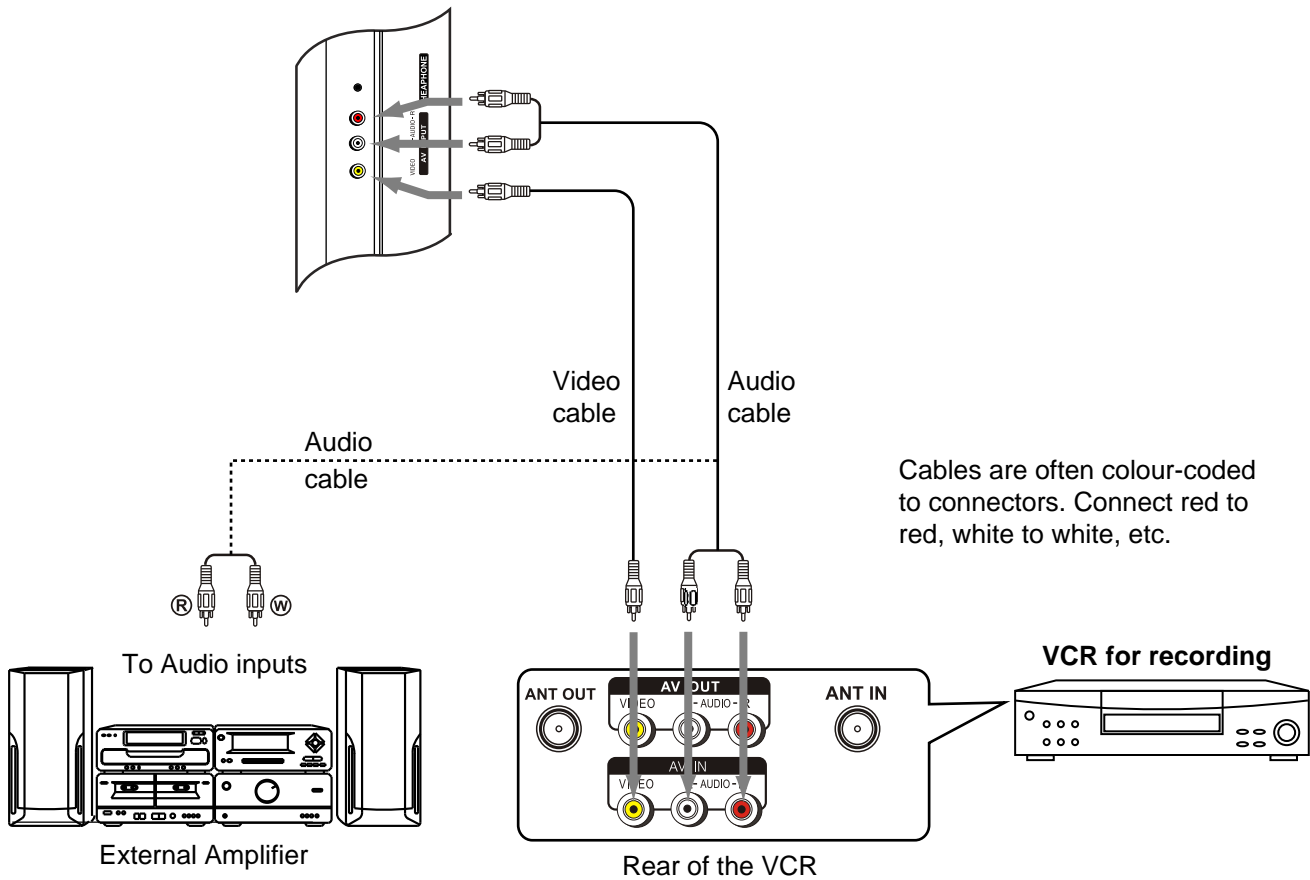
To Watch the PC screen

1. Turn on your LCD TV, press **INPUT** button on the remote control.
2. Use **▲** or **▼** repeatedly to select **VGA** and press **◀** or **▶** to confirm.
3. Turn on your PC and check for PC system requirements.
4. Adjust the PC screen.



Connections (continued)

Connect a VCR (for recording) or external amplifier



How to connect:

Connect the Audio/Video cables between the Audio (L/R) Video jacks on the unit and VCR.

= Or =

Connect the Audio cables between the Audio (L/R) jacks on the unit and external amplifier.

To record program

1. Turn on your LCD TV, select a program you wish to record.
2. Turn on your VCR, insert a video tape for recording.
3. Press the Record button to begin recording.

To enjoy high-quality sound through an external amplifier

Note:

The operations of the amplifier may be different depending on model. Please read the user manual of your amplifier to confirm proper operation.

Only TV programs, AV1 and AV2 input sources can be output through the AV output jacks.


Basic Operations

Turning the Unit On and Off


Turning On

Insert the power cord into the wall outlet, press the Power Switch on the unit to power on. If the unit is in STANDBY mode, press the Power button on the remote control to turn on the unit.

Turning Off

With the power on, press the Power  button on the remote control to turn off. If you would like to cut off the power completely, press the Power Switch directly.

Note:








You can also use the **Power**  button on the Control panel on the main unit.

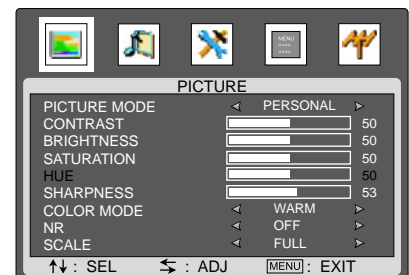
If there is no signal for a certain time, the unit will be turned off automatically. When the last 30 seconds comes, the unit will remind you after how many seconds the set will be turned off. During this period if you do not want the unit to be turned off, press **MENU** button to exit.

Viewing the Menus and Displays

Your LCD TV has a simple, easy-to-use menu system that appears on the screen. This system makes it convenient and fast to use features on the unit. The unit also lets you display the status of many of your LCD TV features.

Viewing the Menus


- 1 With the power on, press the **MENU** button on the remote control. The main menu appears on the screen.
- 2 Press  or  to select menu page, and press  to access.
- 3 Use the  or  to select menu item and  or  to adjust value or setting of the item.
- 4 Press **MENU** button repeatedly to exit the menu.



Note:

To clearly introduce the menu operations, this operation manual provides a description based on operation with the remote control.

Displaying Status Information

Press the **DISPLAY**  button on the remote control, the unit will display current status information such as channel number, or signal source, etc.

Basic Operations (continued)

Changing Channels

Using the Channel Buttons (CH+ or CH-)

Press the **CH+** or **CH-** to change channels.

When you press the **CH+** or **CH-**, the unit changes channels in sequence. You will see all the channels that the unit has memorised. You will not see channels that were skipped.

Direct Accessing Channels

Press the number buttons to go directly to a channel.

To select a one-digit channel: input the channel number by pressing the **0-9 number buttons** to display X--, and wait for some seconds the unit goes to the selected channel.

To select a two-digit channel: input the channel number by pressing the **0-9 number buttons** to display XX-, and wait for some seconds the unit goes to the selected channel.

To select a three-digit channel: input the channel number by pressing the **0-9 number buttons** to display XXX, and wait for some seconds the unit goes to the selected channel.

Note:

"X" is 0-9 number.

When you use the number buttons, you can directly select channels that were skipped.

Using the RETURN button

Press this button to switch between the current channel and the previous channel.

Selecting Input Source Signal

1 Press the **INPUT**  button to display the **INPUT** menu.

2 Press **▲** or **▼** to select a desired input source.

3 Press **◀** or **▶** to confirm.

VGA ----- Select signal from VGA (D-SUB) jack.

HDMI ----- Select signal from HDMI terminal.

TV ----- Select TV signal.

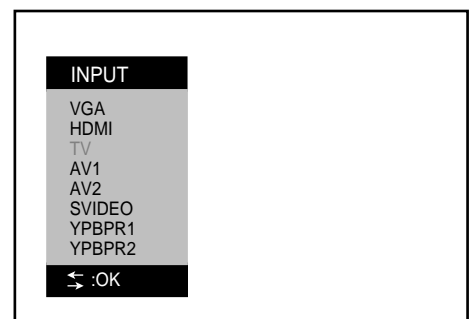
AV1 ----- Select signal from AV IN 1 terminals.

AV2 ----- Select signal from AV IN 2 terminals.

SVIDEO ----- Select signal from S-Video terminal.

YPBPR1 ----- Select signal from COMPONENT IN 1 terminals.

YPBPR2 ----- Select signal from COMPONENT IN 2 terminals.



Selecting a Menu Language

1 Press **MENU** to display the menu main page.

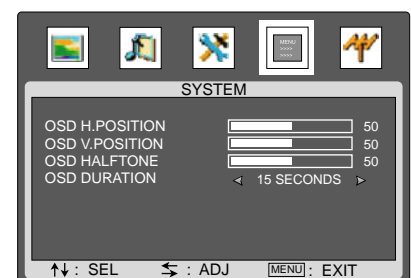
2 Press **◀** or **▶** repeatedly to select **SYSTEM** menu.

3 Press **▼** to access the menu.

The **[OSD LANGUAGE]** item will be highlighted automatically.

4 Press **◀** or **▶** to select a desired OSD language.

5 Press **MENU** button repeatedly to exit the menu.



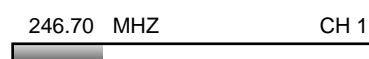
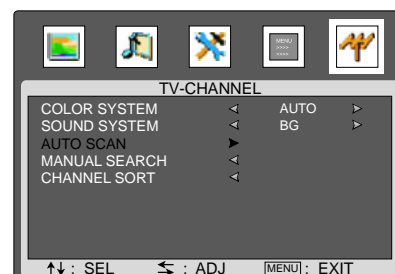
Memorising the Channels

Your LCD TV can memorise and store all of the available channels. After the available channels are memorised, use CH+/- to scan through the channels.

Searching Channels Automatically

- 1 Press **MENU** to display the menu main page.
- 2 Press ◀ or ▶ repeatedly to select **TV-CHANNEL** menu, and press ▼ to access the menu.
- 3 Press ▲ or ▼ to select **AUTO SCAN** item.
- 4 Press ◀ or ▶ to begin the auto channel search.
The unit will begin memorising all of the available channels.

Note: During the process of the Auto Scan, you can press **MENU** button to stop the search.



Searching Channels Manually

Use Manual Search if desired channels can not be memorised or if you would like to store programs to specific channel numbers one by one.

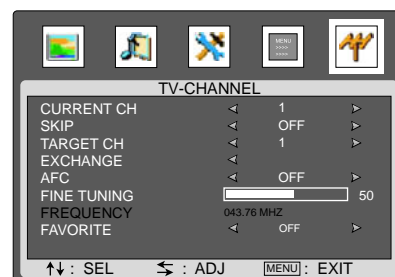
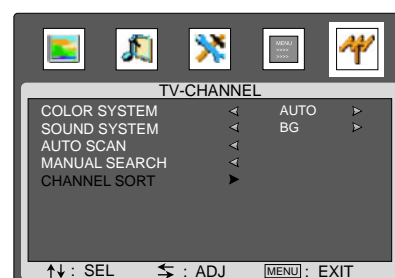
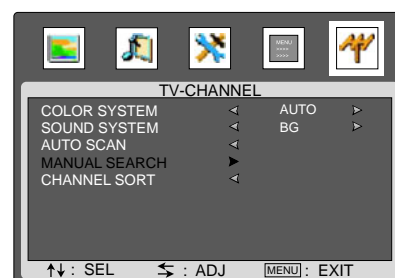
- 1 Navigate to the **TV-CHANNEL** menu, and highlight **MANUAL SEARCH** item, press ◀ or ▶ to access.
- 2 Press ▲ or ▼ to select a channel position in which you want to store.
- 3 Press ◀ or ▶ to begin the manual channel search.
Press ◀, the set searches towards lower frequency.
Press ▶, the set searches towards higher frequency.

The search stops when a program is found and this program will be stored in current channel. During the process of Manual Search, you can press **MENU** button to stop the search.

= Or =

You can also search programs manually by inputting a frequency:

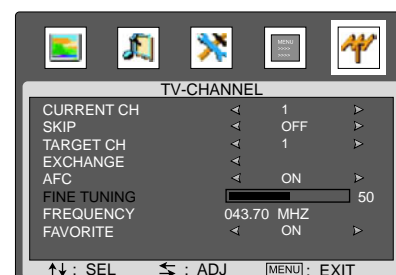
- 1 Navigate to the **TV-CHANNEL** menu, and highlight **CHANNEL SORT** item.
- 2 Press ▶ to access the next level menu.
Then the **[CURRENT CH]** item will be highlighted automatically.
- 3 Press ◀ or ▶ to select a channel position in which you want to store.
- 4 Press ▲ or ▼ to select the **FREQUENCY** item.
- 5 Using **0-9 number** buttons to input the desired frequency, then the unit locates to your frequency.
- 6 Press **MENU** button repeatedly to exit the menu.



Memorising the Channels (continued)

Manual Fine Tuning

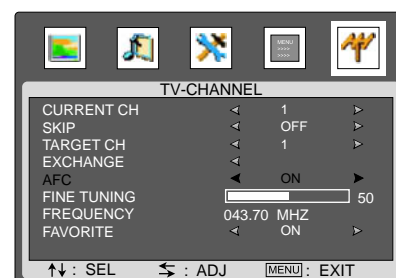
- 1 Press **MENU** to display the menu main page.
- 2 Press **◀** or **▶** repeatedly to select **TV-CHANNEL** menu, and press **▼** to access.
- 3 Press **▲** or **▼** repeatedly to select **CHANNEL SORT** item, and press **▶** to access.
- 4 Press **▲** or **▼** to select **FINE TUNING** item.
- 5 Press and hold **◀** or **▶** to fine tune till the best possible picture and sound are obtained.
If you fine-tune a program manually, the AFC will be turned off automatically.



Setting Auto Frequency Control (AFC)

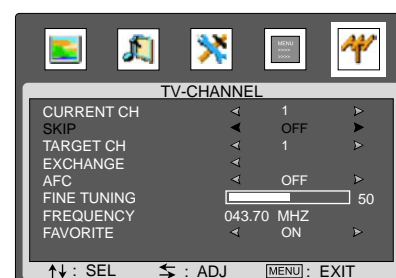
- 1 Navigate to the **CHANNEL SORT** submenu, and highlight **AFC** item.
- 2 Press **◀** or **▶** to select **ON** or **OFF**.
- 3 Press **MENU** button repeatedly to exit the menu.

When the AFC is set to ON, the unit will automatically tune the program frequency to provide the best possible picture and sound.



Skipping Channels

- 1 Use channel buttons to select a channel you want to skip.
- 2 Navigate to the **CHANNEL SORT** submenu, and highlight **SKIP** item.
- 3 Press **◀** or **▶** to select **ON** or **OFF**.
When the item is set to ON, the selected channel will be skipped.
When the item is set to OFF, the selected channel will not be skipped.
- 4 Press **MENU** button repeatedly to exit the menu.



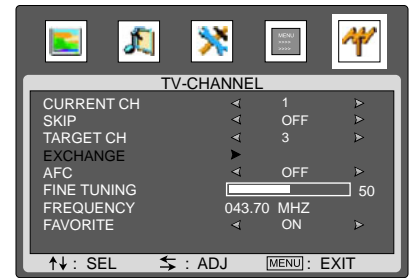
The skipped channels can not be selected by using CH+/- buttons unless you use number buttons to input channel number directly.

Memorising Channels (continued)

Editing Channels

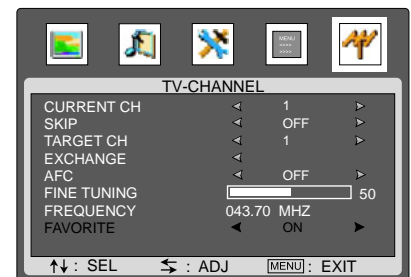
The **EXCHANGE** function is for you to arrange channel order as you wish.

- 1 Navigate to the **CHANNEL SORT** submenu.
Highlight the **CURRENT CH** item, use ◀ or ▶ to select a channel number you want to exchange.
- 2 Highlight **TARGET CH** item, use ◀ or ▶ to select a target channel number you want to exchange.
- 3 Press ▼ to select **EXCHANGE** item, and press ◀ or ▶ to exchange contents in current channel and the target channel.




Setting Favourite Channel

- 1 Navigate to the **CHANNEL SORT** submenu.
Highlight the **CURRENT CH** item, use ◀ or ▶ to select a channel number you want to set as your favourite channel.
- 2 Press ▲ or ▼ repeatedly to select the **FAVORITE** item.
- 3 Press ◀ or ▶ to select **ON** or **OFF**.
- 4 Press **MENU** button repeatedly to exit the menu.

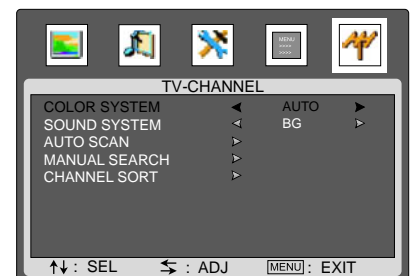


When the item is set to on, the selected channel will be set as your favourite channel. You can repeat the above steps to set more favourite channels so that you can cycle among your favourite channels by pressing the **FAVORITE** button on the remote control.

When you are viewing a favourite channel, an icon ① appears on the screen while pressing the **DISPLAY**  button.

Setting Colour/Sound System

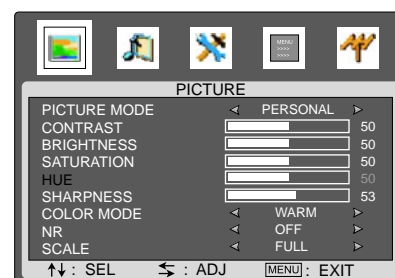
- 1 Press **MENU** to display the menu main page.
- 2 Press ◀ or ▶ repeatedly to select **TV-CHANNEL** menu, and press ▼ to access.
- 3 Press ▲ or ▼ repeatedly to select **COLOR SYSTEM** or **SOUND SYSTEM** item.
- 4 Press ◀ or ▶ to select a proper colour system (normally please select **AUTO**) or sound system.
- 5 Press **MENU** button repeatedly to exit the menu.



Setting Picture

Customising the Picture

- 1 Press **MENU** to display the **PICTURE** menu, and press **▼** to access.
- 2 Within the menu, use **▲**, **▼**, **◀** or **▶** to navigate or adjust.
- 3 Press **MENU** button repeatedly to exit the menu.



Notes: The above menu is shown as an example. The menu items may be different when the unit works in different mode.

Option	Function	Choice/Remarks
Picture Mode	Selects a desired picture mode.	Natural/Soft/Bright/Personal Note: you may directly press PICTURE button on the remote control to select.
Contrast	Adjusts image contrast.	▶: stronger ◀: weaker
Brightness	Adjusts screen brightness for easier viewing of dark picture such as night scenes and black hair.	▶: lighter ◀: darker
Saturation	Adjusts colour saturation.	▶: stronger ◀: weaker
Hue	Adjusts colour hue for image.	▶: greenish ◀: purplish
Sharpness	Adjusts image sharpness and displays a sharp image.	▶: sharper ◀: softer
Colour Mode	Selects one of three automatic colour adjustments. Sets to warm to enhance hotter colours such as red, or set to cool to see less intense colours with more blue.	Normal/Warm/Cool
NR	Reduces noise in the picture, commonly called snow.	Weak/Middle/Strong/Off Note: you may directly press NR button on the remote control to select.
Scale	Adjusts screen aspect ratio.	Panorama/Full/Zoom1/Zoom2/Normal Note: you may directly press Zoom button on the remote control to select.

Note: The Hue item is for NTSC system.

The scale item can not be adjusted when there is no input signal or the picture is frozen or MAG. C demo mode is used.

Freezing picture

Press the **STILL** button to hold on the image on the screen (the video sources still run). Press it to reactivate the image.

Note: For the sake of protecting the screen, please do not freeze a picture for a long time.

Setting Sound

Adjusting the Volume

Using the volume buttons (VOL+ and VOL-)

Press the **VOL +** or **VOL-** to increase or decrease the volume.

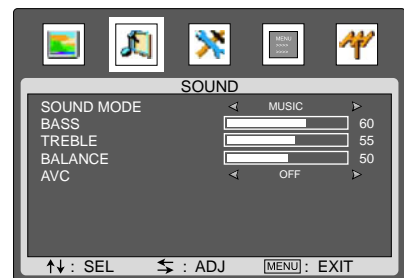
Using the MUTE button

At any time, you can temporarily cut off the sound using the **MUTE** button.

- 1 Press the **MUTE** button and the sound cuts off.
- 2 To turn mute off, press the **MUTE** button again.

Customising the Sound

- 1 Press **MENU** to display the menu main page.
- 2 Press **◀** or **▶** repeatedly to select **SOUND** menu, and press **▼** to access.
- 3 Within the menu, use **▲**, **▼**, **◀** or **▶** to navigate or adjust.
- 4 Press **MENU** button repeatedly to exit the menu.



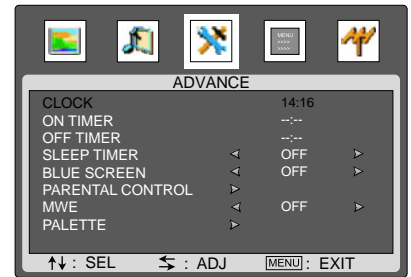
Option	Function	Choice/Remarks
Sound Mode	Selects sound mode.	Movie/Music/Personal/News Note: you may directly press AUDIO button on the remote control to select.
Bass	Adjusts Bass (low sounds)	▶ : stronger ◀ : weaker
Treble	Adjusts Treble (high sounds)	▶ : stronger ◀ : weaker
Balance	Adjusts volume balance (left and right volumes)	▶ :Higher volume from right speaker. ◀ :Higher volume from left speaker.
AVC (Auto Volume Control)	Select "ON" to equalise overall volume levels across all channels.	ON/OFF

Setting Advance

Setting Clock Time

Making use of this function can set the current time for the TV.

- 1 Press **MENU** to display the menu main page.
- 2 Press ◀ or ▶ repeatedly to select **ADVANCE** menu, and press ▼ to access. Then the **[CLOCK]** item will be highlighted automatically.
- 3 Use **0-9 number** buttons to input the current time.
- 4 Press **MENU** button repeatedly to exit the menu.



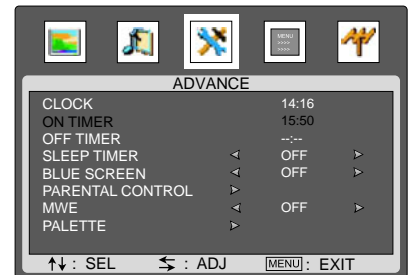
Notes: The above menu is shown as an example. The menu items may be different when the unit works in different mode.

Note: Before setting the **ON TIMER** and **OFF TIMER**, please set the **CLOCK** item first.

Setting ON timer

With the ON timer, the TV will automatically turn on at a preset time.

- 1 Press **MENU** to display the menu main page.
- 2 Press ◀ or ▶ repeatedly to select **ADVANCE** menu, and press ▼ to access.
- 3 Press ▲ or ▼ repeatedly to select **ON TIMER** item.
- 4 Use **0-9 number** buttons to input the time value.
- 5 Press **MENU** button repeatedly to exit the menu.



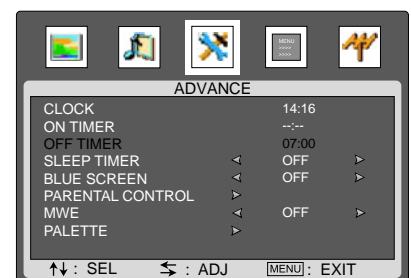
Note: The TV must be in STANDBY mode for the ON TIMER to work.

The ON TIMER will be cleared automatically if you turn on the unit by yourself before the preset ON time.

Setting OFF timer

With the OFF timer, the TV will automatically turn off at a preset time.

- 1 Press **MENU** to display the menu main page.
- 2 Press ◀ or ▶ repeatedly to select **ADVANCE** menu, and press ▼ to access.
- 3 Press ▲ or ▼ repeatedly to select **OFF TIMER** item.
- 4 Use **0-9 number** buttons to input time value.
- 5 Press **MENU** button repeatedly to exit the menu.




POWER DOWN

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Note: The OFF TIMER will be cleared automatically if you turn off the unit by yourself before the preset OFF time.

Note:

Press DISPLAY  button to clear the time value in putting or CLOCK, ON TIMER, OFF TIMER and SLEEP TIMER settings.

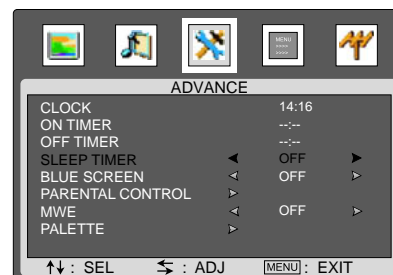
The time interval between CLOCK and OFF TIMER should be more than 1 minute. When the last 1 minute comes, the unit will remind you after how many seconds the set will be turned off. During this period if you do not want the unit to be turned off, press **MENU** button to exit. If the TV loses power, the clock and timer settings will be cleared and must be reset. Once ON TIMER, OFF TIMER or SLEEP TIMER have been fulfilled, these settings also are cleared.

Setting Advance (continued)

Setting Sleep Timer

Making use of this function allows you to have the set automatically turn off at a preset time.

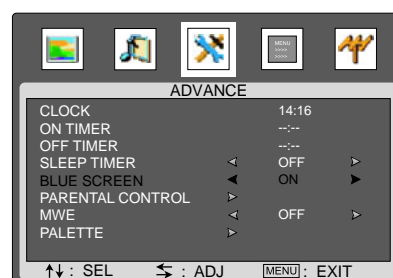
- 1 Press **MENU** to display the menu main page.
- 2 Press ◀ or ▶ repeatedly to select **ADVANCE** menu, and press ▼ to access.
- 3 Press ▲ or ▼ repeatedly to select **SLEEP TIMER** item.
- 4 Use ◀ or ▶ to select the amount of time; to turn off the timer, please select **OFF**.
- 5 Press **MENU** button repeatedly to exit the menu.



Note: You may quickly set the sleep timer by using the **SLEEP** button on the remote control. The **SLEEP TIMER** will be cleared automatically if you turn off the set by yourself.

Setting Blue Screen

- 1 Navigate to the **ADVANCE** sub-menu, highlight **BLUE SCREEN** item.
- 2 Press ◀ or ▶ to select **ON** or **OFF**.
- 3 Press **MENU** button repeatedly to exit the menu.

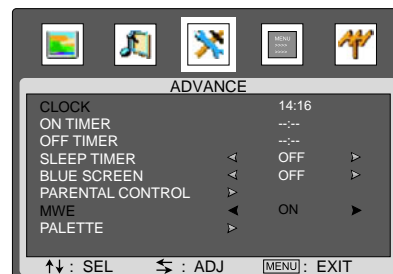


When there is no TV signal input, a blue background appears if you set this item to **ON**.

Setting MWE

- 1 Navigate to the **ADVANCE** sub-menu, highlight **MWE** item.
- 2 Press ◀ or ▶ to select your desired mode to demo magic picture.
- 3 Press **MENU** button repeatedly to exit the menu.

Note: You may directly press **MAG.C** button on the remote control to select.

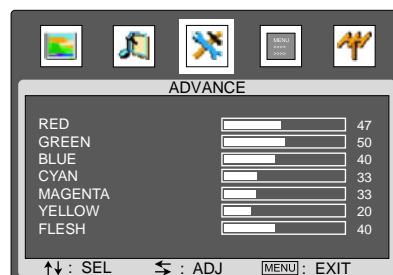
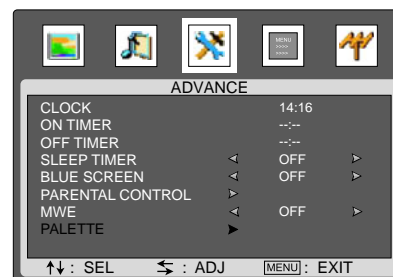


Setting PALETTE (Colour Enhancement)

- 1 Navigate to the **ADVANCE** sub-menu, highlight **PALETTE** item.
- 2 Press ▶ to access the next level menu.
- 3 Within the menu, use ▲, ▼, ◀ or ▶ to navigate or adjust.
- 4 Press **MENU** button repeatedly to exit the menu.

Note: The adjustment in the **PALETTE** submenu will not be memorised. It is only used to enhance colour.

Note: When the unit is in **VGA** mode or you receive **HDMI** input signal through a **DVI**, there will be no **MWE** or **PALETTE** items.

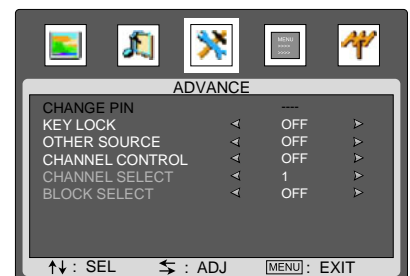
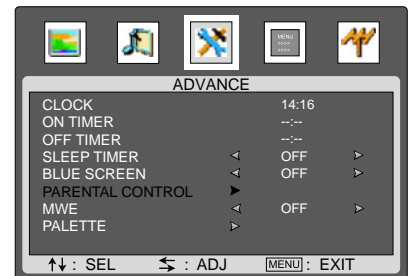


Parental Controls

The Parental Control function enables parents to prevent their children from watching inappropriate programs on TV. To use Parental Control function, you first need to set your password.

Setting Password

- 1 Press **MENU** to display the menu main page.
- 2 Press **◀** or **▶** repeatedly to select **ADVANCE** menu, and press **▼** to access.
- 3 Use **▲** or **▼** repeatedly to select **PARENT CONTROL** item, and then press **◀** or **▶** to access. Now a password is required to input.
- 4 Use **0-9 number** buttons to input the password (four digit, the default password is "0000") to enter into the next-level menu. Then the **[CHANGE PIN]** item will be highlighted automatically.
- 5 Use **0-9 number** buttons to input the new password.
- 6 Input the new password again and then the password has been changed successfully.
- 7 Press **MENU** button repeatedly to exit the menu.



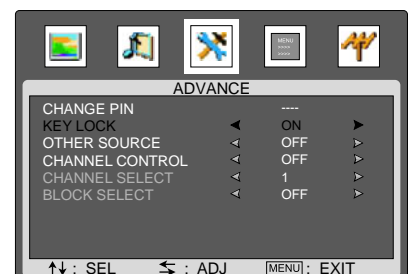
Note

Be sure to write down your new password and retain it for future use. If you forget the password, the unit provides a super password as "2580" for you to access the locked channels or change password, but it can only be used for 5 times. Please **DO NOT** let the children know the super password.

Setting Child Lock

- 1 Within the **PARENT CONTROL** submenu, press **▲** or **▼** repeatedly to highlight the **KEYPAD LOCK** item.
- 2 Press **◀** or **▶** to select **ON** or **OFF**.

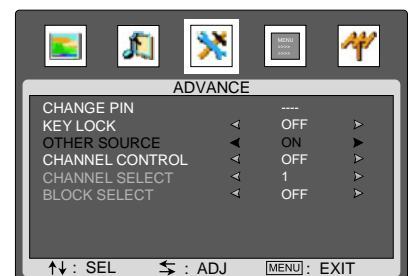
When the **KEYPAD LOCK** is turned **ON**, buttons on the control panel on the main unit are not active. To restore, please set the **KEYPAD LOCK** to **OFF**.



Blocking Other Source

- 1 Within the **PARENT CONTROL** submenu, press **▲** or **▼** repeatedly to highlight the **OTHER SOURCE** item.
- 2 Use **◀** or **▶** to select **ON** or **OFF**.

When you set the **OTHER SOURCE** to **ON**, all other input signal sources except TV will be blocked automatically.



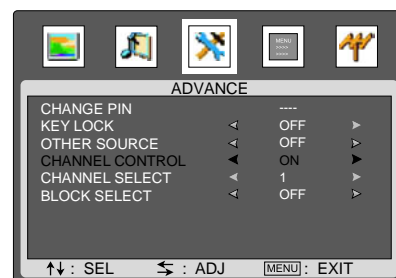
Parental Control (continued)

Setting Channel Control On or Off

1 Within the **PARENT CONTROL** submenu, press ▲ or ▼ repeatedly to highlight the **CHANNEL CONTROL** item.

2 Use ◀ or ▶ to select **ON** or **OFF**.

When the **CHANNEL CONTROL** item is set to **ON**, the **AUTO SCAN**, **MANUAL SEARCH** and **CHANNEL SORT** items cannot be operated, therefore you can protect some TV settings from being accidentally changed. When **CHANNEL CONTROL** is **OFF**, **CHANNEL SELECT** and **BLOCK SELECT** will be greyed out and are not selectable.



Locking or Unlocking TV Channels

Before setting the channel lock, please set the **CHANNEL CONTROL** item to **ON** first.

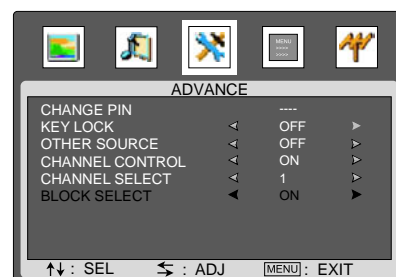
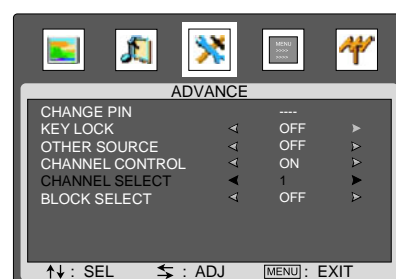
1 Within the **PARENT CONTROL** submenu, press ▲ or ▼ repeatedly to highlight the **CHANNEL SELECT** item.

2 Use ◀ or ▶ to select the channel you want to block or unblock.

3 Press ▼ to highlight **BLOCK SELECT** item, and use ◀ or ▶ to select **ON** or **OFF**.

You can repeated the above steps to lock or unlock other channels.

Note: When the **CHANNEL CONTROL** item is set to **OFF**, all the locked channels will be released.



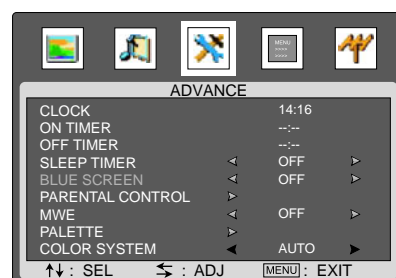
Setting Colour System

1 Navigate to the **ADVANCE** sub-menu, highlight **COLOR SYSTEM** item.

2 Press ◀ or ▶ repeatedly to select a proper colour system.

3 Press **MENU** button repeatedly to exit the menu.

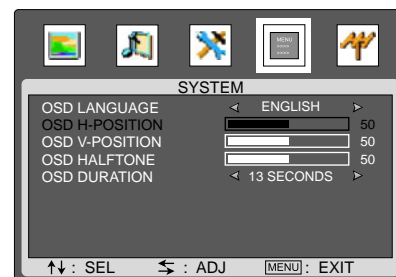
Note: The colour system item is only available in **AV1**, **AV2** and **SVIDEO** mode. In normal circumstances, please set the colour system to **AUTO**, and the set can automatically select the proper colour system. If the colour is still abnormal, then select the proper colour system manually.



Adjusting On-Screen Display

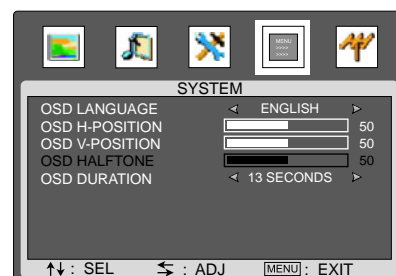
Adjusting OSD Position

- 1 Press **MENU** to display the menu main page.
- 2 Press ◀ or ▶ repeatedly to select **SYSTEM** menu, and press ▼ to access.
- 3 Press ▲ or ▼ repeatedly to select **OSD H-POSITION** or **OSD V-POSITION** item.
- 4 Press ◀ or ▶ to adjust the OSD position.



Adjusting OSD Halftone

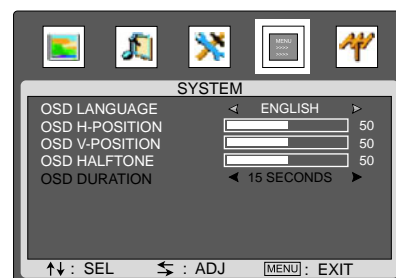
- 1 Press **MENU** to display the menu main page.
- 2 Press ◀ or ▶ repeatedly to select **SYSTEM** menu, and press ▼ to access.
- 3 Press ▲ or ▼ repeatedly to select **OSD HALFTONE** item.
- 4 Press ◀ or ▶ to adjust the OSD halftone.



Setting OSD Timeout

This setting allows you to set the time for the main OSD menu to be displayed on screen.

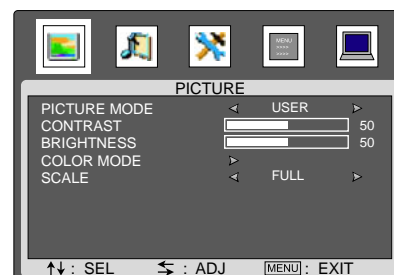
- 1 Press **MENU** to display the menu main page.
- 2 Press ◀ or ▶ repeatedly to select **SYSTEM** menu, and press ▼ to access.
- 3 Press ▲ or ▼ repeatedly to highlight **OSD DURATION** item.
- 4 Press ◀ or ▶ select a proper time.



Adjustment in PC (VGA)/YPBPR Mode

Adjusting the Picture

- 1 Press **MENU** to display the **PICTURE** menu, and press **▼** to access.
- 2 Within the menu, use **▲**, **▼**, **◀** or **▶** to navigate or adjust.
- 3 Press **MENU** button repeatedly to exit the menu.

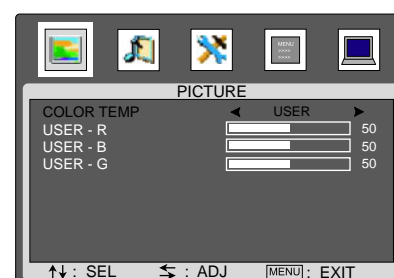


Option	Function	Choice/Remarks
Picture Mode	Selects picture mode.	Night/Outside/User/Natural Note: you may directly press PICTURE button on the remote control to select.
Contrast	Adjusts image contrast.	▶ : stronger ◀ : weaker
Brightness	Adjusts screen brightness for easier viewing of dark picture such as night scenes and black hair.	▶ : lighter ◀ : darker
Colour Mode	Selects one of three automatic colour adjustments. Set to warm to enhance hotter colours such as red, or set to cool to see less intense colours with more blue, or you may customise the colour mode by yourself.	Normal/Warm/Cool/User
Scale	Select screen aspect ratio	Normal/Full Note: you may directly press ZOOM button on the remote control to select.

Customising the Colour Mode

- 1 Navigate to **PICTURE** menu, highlight **COLOR MODE** item, press **▶** to access.
- 2 Press **◀** or **▶** to select user.
- 3 Press **▲** or **▼** to select **USER-R**, **USER-G** or **USER-B**.
- 4 Press **◀** or **▶** to adjust.

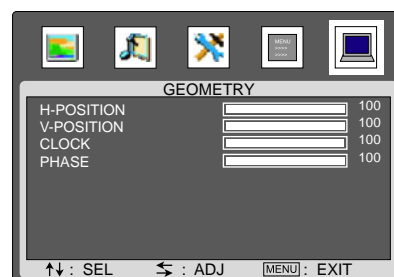
Note: The colour temperature options can only be adjusted when you set the **COLOR TEMP.** to User.



(Only in VGA mode)

Adjusting Image Geometry

- 1 Press **MENU** to display the menu main page.
- 2 Press **◀** or **▶** repeatedly to select **GEOMETRY** menu, and press **▶** to access.
- 3 Within the menu, use **▲**, **▼**, **◀** or **▶** to navigate or adjust.



Option	Function	Choice/Remarks
H-Position	Adjust the horizontal position of the image.	▶ : rightward ◀ : leftward
V-Position	Adjust the vertical position of the image.	▶ : upward ◀ : downward
Clock	Adjusts the sample frequency.	
Phase	Improves the focus of stable image.	

Note: You can press the **ADJUST** button on the remote control to rectify the picture. (only in VGA mode)

Troubleshooting

Before calling for repair service, check the following items for possible remedies to an encountered symptom.

Symptoms	Check item
"Ghost" or double images	<ul style="list-style-type: none"> • This may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture.
No power	<ul style="list-style-type: none"> • Check that the AC power cord is plugged into the mains socket. • Unplug the power cord, wait for 60 seconds. Then reinsert plug into the mains socket and turn on the unit again.
No picture	<ul style="list-style-type: none"> • Check antenna connections at the rear of the unit to see if it is properly connected to the unit. • Possible broadcast station trouble. Try another channel. • Adjust the contrast and brightness settings. • Select a correct input. • Is a non-compatible signal being input?
Good picture but no sound	<ul style="list-style-type: none"> • Increase the VOLUME. • Check that the unit is not muted.
Good sound but poor colour	<ul style="list-style-type: none"> • Adjust the contrast, colour and brightness settings.
Poor picture	<ul style="list-style-type: none"> • Sometimes, poor picture quality occurs when having activated an S-VHS camera or camcorder connected and having connected another peripheral at the same time. In this case, switch off one of the other peripherals. • Check whether the room is too bright.
Horizontal dotted line	<ul style="list-style-type: none"> • This may be caused by electrical interference (e.g. hair dryer, nearby neon lights, etc.) • Turn off the equipment.
Television not responding to remote control	<ul style="list-style-type: none"> • Check whether the batteries are working. Replace if necessary. • Clean the remote control sensor lens on the unit. • Do not use the remote control under strong or fluorescent lighting. • The batteries should be inserted with polarity (+, -) aligned.
Snowy picture and noise	<ul style="list-style-type: none"> • Check the aerial connection.
No stable or not synchronised D-Sub picture	<ul style="list-style-type: none"> • Check if you have selected the correct VGA mode in your PC.
No output from one of the speakers	<ul style="list-style-type: none"> • Adjust Balance in the SOUND menu.
Controls buttons do not work	<ul style="list-style-type: none"> • Unplug the power cord, wait for some seconds. Then re-plug the power cord and turn on the unit again.

Do not use in hot and cold rooms (location)

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 or near a heater, as this may cause the cabinet to deform and the LCD panel to malfunction.

(Storage temperature: 0°C to +50°C; Working temperature: 5°C to +40°C.)

Note:

If your problem is not solved, restart your TV by turning it off and then on again once.

Never attempt to repair a defective TV yourself.

Care and Maintenance

LCD Display panel information

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

The extended use of fixed image program material can cause a permanent "shadow image" on the LCD panel.

This background image is viewable on normal programs in the form of a stationary fixed image. This type of irreversible LCD panel 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.

Note:

The marking or retained image on the LCD panel resulting from fixed image use is not an operating defect and as such is not covered by Warranty. This product is not designed to display fixed image patterns for extended periods of time.

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 LCD.
- 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.

Specifications

Type:	LCD TV
Display Size diagonal:	26"
Power Supply:	AC 100-240V 50/60Hz
Power Consumption:	100W
Dimensions:	746 (W) x 548 (D) x 215 (H) (mm)
Unit Weight (kg):	16

TV system: PAL-BG, NTSC (AV)

 Design and specification are subject to change without notice.

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