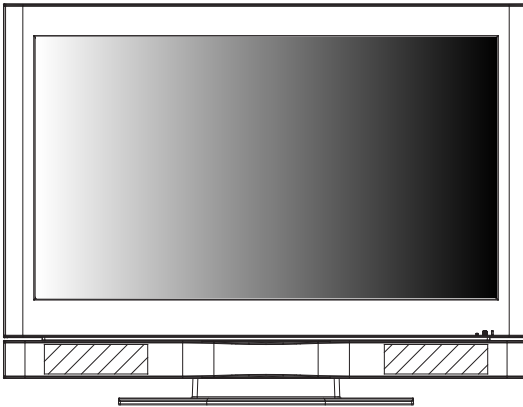


Goodmans

Model GTVL42W15HD
HD READY

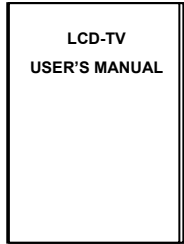
User Guide



Goodmans Colour Television

ACCESSORIES

Please check that you have received the following items with your TV.



User's Manual
(You are reading it)



Remote Control &
Batteries(AAA X2)



Power Cord

Note: All Connection cables shown throughout this manual are not supplied. These may be obtained from a local TV / HiFi retail outlet.

BOX CONTENTS:

42" 16:9 TELEVISION
REMOTE CONTROL
WARRANTY CARD
INSTRUCTION BOOKLET
BATTERY x2

TABLE OF CONTENTS

INTRODUCTION

This instruction manual is important to you. Please read it. In a short time it shows exactly how to connect, operate, and adjust this unit for best performance. It can save you money. It shows simple things to do and check before you call for help and save the cost of unnecessary service or call out charge.

Table of contents	1
Important Safeguards	2
Controls and location	4
Remote Control	5
Summary Of Remote Control Buttons	6
General Controls & Adjustment	7
Connecting External Devices	13
Connections & Applications	14
Teletext	38
Other Function	40
Troubleshooting	41
PC Input Preset Timing Tables	43
Specifications	44

Save the carton and packing material:they will be useful if you ever have to transport the unit.

IMPORTANT SAFEGUARDS

For your own safety read following instructions carefully before attempting to connect this TV to the mains.

Mains Supply: 230V ~ 50Hz - AC only

This unit is designed to operate on a **230V~50Hz** supply only. Connecting it to other power sources may damage it. Ensure that the supply corresponds to the information on the rating label on the bottom of the unit.

This component system may be fitted with a non-rewireable plug. If it is necessary to change the fuse in a non-rewireable plug the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a replacement, available from the manufacturer, is obtained. It is important that the colour of the replacement fuse cover corresponds with the colour marking on the base of the plug.

If the plug needs to be changed because it is not suitable for your socket, or becomes damaged, it should be cut off and an appropriate plug fitted following the wiring instructions below. The plug must then be disposed of safely, as insertion into a 13A socket is likely to cause an electrical hazard.

IMPORTANT

The wires in the mains plug should be connected as shown in the diagram.

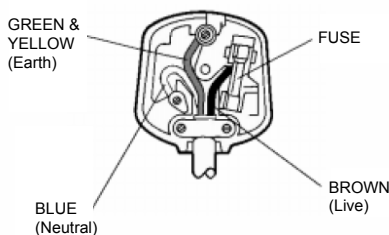
The colours of the wires in the mains lead of the unit may not correspond with the coloured markings identifying the terminals in your plug. Connect them as follows:-

The wire which is coloured blue must be connected to the terminal which is marked with the letter 'N' or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red.

The wire which is coloured yellow and green must be connected to the terminal marked EARTH.

If a 13 Amp (BS 1363) Plug is used, a 3 Amp Fuse must be fitted, or if any other type of Plug is used a 3 Amp or 5 Amp Fuse must be fitted, either in the Plug or Adaptor, or on the Distribution Board.



CAUTION

To prevent electric shock, disconnect from the mains before removing cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

To achieve the utmost in enjoyment and performance, please read this manually carefully before attempting to operate the unit in order to become familiar with its features, and assure you years of faithful, trouble free performance.

Important Notes

- Keep instructions the safety and operating instructions should be retained for future reference.
- Avoid installing the unit in locations described below:
 - Exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
 - On top of other stereo equipment that radiate too much heat.
 - Places lacking ventilation or dusty places.
 - Places subject to constant vibration.
 - Humid or moist places.
- Make sure not to obstruct the ventilation opening.
- Operate turning controls and switches as instructed in the manual.
- Before turning on the power for the first time, make certain the power cord is properly installed.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personal.

Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personal.



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER(OR BACK), NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONAL.



DANGEROUS VOLTAGE

Conductor dangerous voltage, that may be of sufficient magnitude to constitute a risk of electric shock to persons is present within this product's enclosure.



ATTENTION

The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

WARNING : TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

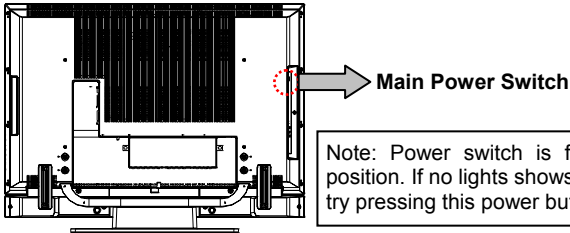
Note:

This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.

CONTROLS AND LOCATION

Main Power Switch

The **MAIN POWER** switch is located at the left back of the LCD unit.



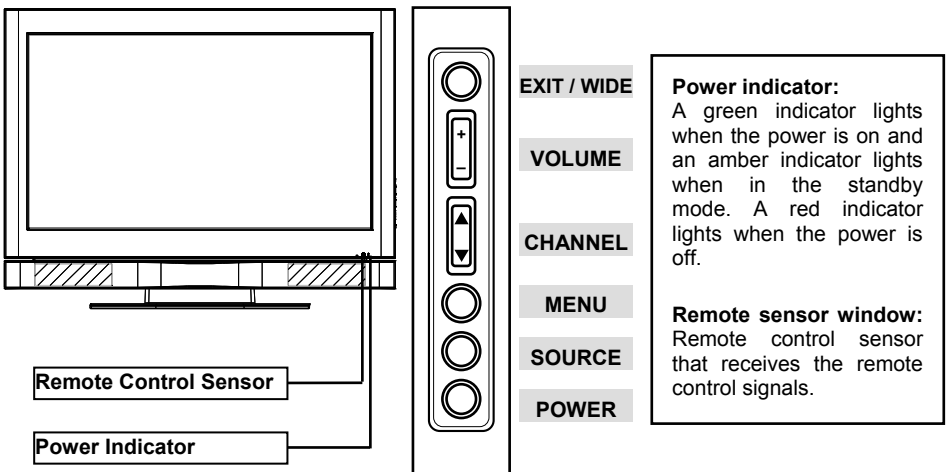
Note: Power switch is factory set to ON position. If no lights shows on the front panel try pressing this power button."

Function Key

These buttons control your LCD unit's basic features, including the on-screen menu. To use the more advanced features, you must use the remote control.

- POWER : turn on or turn off the LCD unit.
- SOURCE : select input source (PC, HDMI, DVI, TV, AV, SV, YPbPr, SCART 1, SCART 2, SCART 2S).
- MENU : display the main menu.
- CHANNEL (down/up) : change channels.
- VOLUME (-/+) : turn up or turn down the volume.
- EXIT / WIDE : select the aspect ratio of display (TV/Video source: Panorama, Normal, Full, Zoom1, Zoom2, Auto ; PC source: Full, Normal) or as exit function on if OSD menu appear.

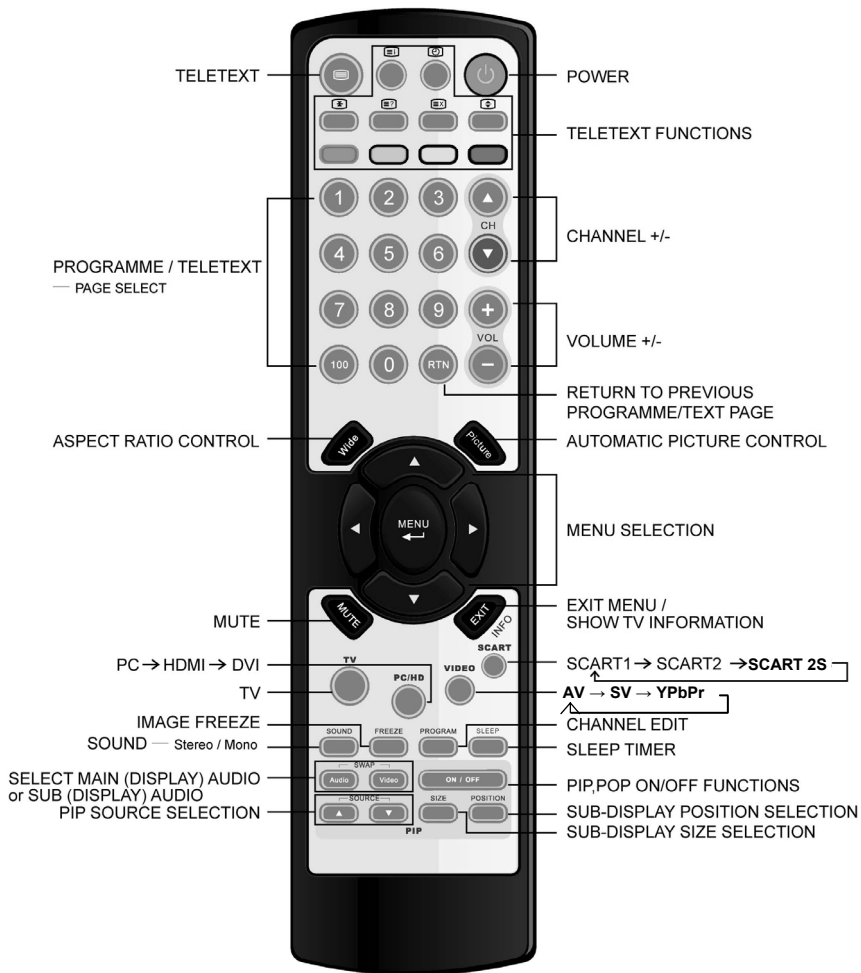
Note:Auto mode only for TV/AV/SV/Scart 1/Scart 2/Scart 2S source.



Power indicator:
A green indicator lights when the power is on and an amber indicator lights when in the standby mode. A red indicator lights when the power is off.

Remote sensor window:
Remote control sensor that receives the remote control signals.

REMOTE CONTROL



SUMMARY OF REMOTE CONTROL BUTTONS

Power control

POWER button Turn the TV on or off

Selecting the primary signal source

TV button Switch to TV mode
 PC/HD button Switch to PC , HDMI and DVI mode
 VIDEO button Switch to AV /S-Video and YPBPR mode
 SCART Switch to SCART1/ SCART2 and SCART 2S mode

Menu Settings

MENU button Display the on-screen menu
 EXIT Exit a menu or sub-menu
 Δ / ▽ / ◀ / ▶ Access menu items

TV Changing Channels

CH Δ/▽ button Press Up/DOWN to change the channel
 0-9 ; +100 button To manually select channels
 RTN button Return to the previous viewed channel

Sound Control

VOLΔ/▽ button Increase/ Decrease volume level
 MUTE button Temporarily turn off audio
 SOUND button Press to choose Stereo, Dual and Mono broadcasts.







PIP Control

PIP ON/OFF button Enable/Disable PIP viewing window
 Toggle PIPmode : PIP → POP → OFF
 Δ/▽ button Select PIP input source: PC→HDMI→DVI→AV→SV→SCART 1→
 SCART 2→SCART 2S→YPbPr→PC
 SIZE button Toggle PIP window size: Small / Middle / Large
 Audio/Video button Toggle audio/video source between the primary display and the
 PIP window
 POSITION button Move the PIP window position

Other Function

INFO button Display current channel/Input source/signal format..
 WIDE button (Aspect Ratio Control) In PC mode : Set the picture mode to Full, Fill aspect, One to one.
 In Video mode : Toggle the picture mode between Normal →
 Panoramic →Full→Zoom1→Zoom2→Auto
 PICTURE button(Automatic Picture Control) Toggle screen luminosity between Standard, Movie, Bright, Manual
 SLEEP button Select a pre-set time for automatic power down.
 FREEZE button Temporary pause current image

Teletext Control

TELETEXT button Press to show the Teletext Service. Press again to return to TV
 Viewing
 INDEX Press "INDEX" button to show the list of teletext contents.
 HOLD Press "HOLD" button to stop the automatic page change
 INTERRUPT Press "INTERRUPT" button to switch to TV while waiting for the
 next text page.
 REVEAL Press "REVEAL" button to display concealed information, such as
 solutions of riddles or a quiz.
 EXPAND Press "EXPAND" button to enlarge the top half or bottom half of the
 Teletext page.
 SUB-PAGE/TIME Press "SUB-PAGE/TIME" button to access to the sub-page you
 required

GENERAL CONTROLS & ADJUSTMENT

TURNING THE LCD DISPLAY ON AND OFF

1. Press the **POWER** button on the Remote Control.
2. You can also use the **POWER** button at the bottom of the panel.

VOLUME CONTROL

Using Volume Control

Press **VOL▲ / VOL▼** button to turn up or turn down the sound volume.

Using Mute

At any time, users can temporarily turn off the sound by pressing the **MUTE** button.

1. Press the **MUTE** button and the sound cuts off.
2. Press the **MUTE** again or **VOL▲ / VOL▼** button to turn the sound back to the previous level.

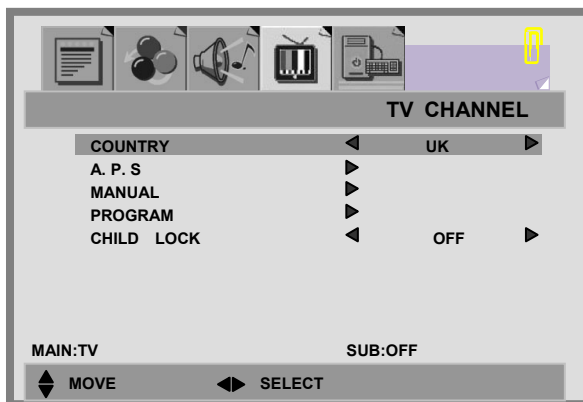
SETTING THE SLEEP TIMER

You can set the Sleep Timer to turn off the TV automatically. The time can be set from OFF to 120 minutes.

1. Press the **SLEEP** button to set the Sleep Timer screen.
2. Press the **SLEEP** button repeatedly to change the sleep time (in 10 minutes intervals).

TUNING TV CHANNELS

1. Press the **MENU** button to display TV CHANNEL from the main menu.
2. Press the ▲ / ▼ button to move one of the sub-menu options.
3. Press the ◀ / ▶ button to select the settings.
4. Press the **EXIT/INFO** button to return to the previous screen.

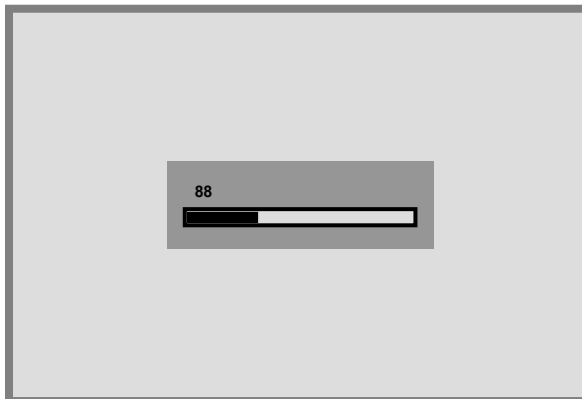


COUNTRY:[UK],[IRELAND],[DENMARK],[FINLAND],[ITALY],[NORWAY],[SPAIN],[SWEDEN],[LUXEMBURG],[FRANCE],[CZECH],[POLAND],[HUNGARY],[AUSTRIA],[GERMANY],[SWITZERLAND],[BELGIUM],[NETHERLANDS]

A.P.S:

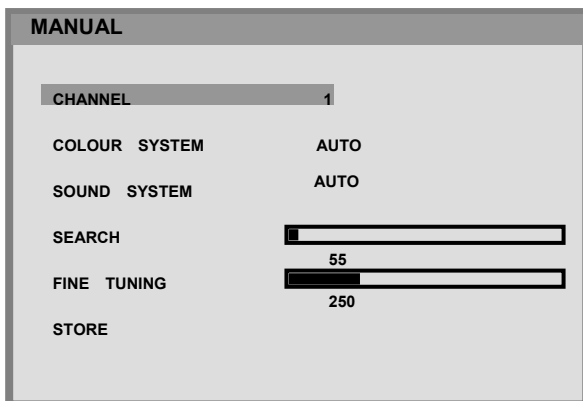
1. Press the ▲ / ▼ button to select A.P.S option and then press the ▶ button to enter A.P.S (Automatic Programming Search).
2. When the sub menu appears on the screen, press **MENU** again to start scanning.
3. After APS has completed, the Program List will appear on the screen. You can select, rename, delete or insert programs within the Program List.

Manual Tuning Method



MANUAL:

1. Press ▲ / ▼ button to select MANUAL option, and then press number or ◀ / ▶ button to select the program that the user wants the tuned channels to store .
2. Press ▲ / ▼ button to select the items, and then press ◀ / ▶ button to select the setting.



CHANNEL: choose channels by pressing ◀ / ▶.

COLOUR SYSTEM: choose [AUTO], [PAL], [SECAM] by pressing ◀ / ▶.

Note: UK = PAL

SOUND SYSTEM: choose [AUTO], [B/G], [D/K], [L], [I], [L'] by pressing ◀ / ▶.

Note: UK = I

SEARCH: press ▶ to search receivable channels by pressing ◀ / ▶.

FINE TUNING: indicate searching programs by pressing ◀ / ▶.

STORE: store the found channel by pressing ◀ / ▶.

3. After searching, press ▲ / ▼ button to select Store, and then press **MENU** button to store the searched channel.
4. Press **EXIT/INFO** button to exit from the menu.

PROGRAM:

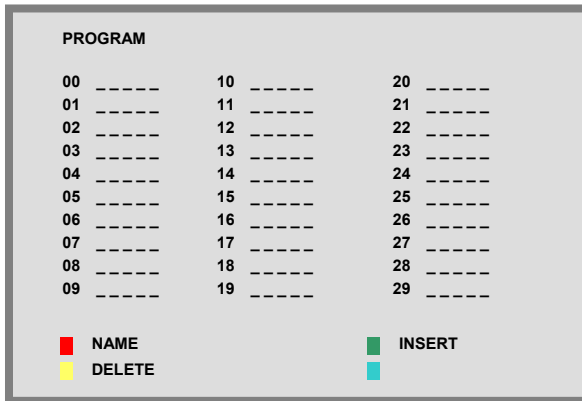
Program List is used to display the Program numbers and names. You can use this list to edit the name, delete, or insert programs.

1. Select channel by pressing the ▲ / ▼ or ◀ / ▶ buttons. Selecting the program list will display the stored program on the screen.
2. A highlighted grey bar appears on the chosen program. Press the **red** button (NAME).
3. Press the ▲ / ▼ buttons to edit name of channel and ◀ / ▶ to move to next letter.
4. Press the **red** button (STORE) when you have completed editing. This will store the program name..

Note: When the channel number changes, the TV channel shown on screen stores the program.

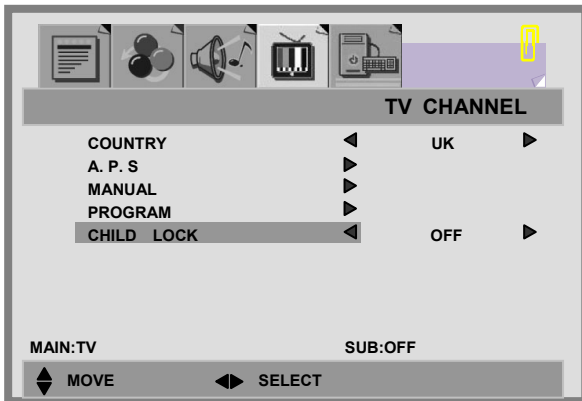
5. Choose a program and press the **green** button (INSERT), the program is highlighted by red bar.
6. Press ▲ / ▼ to select a program you would like to switch with the highlighted program.
7. Press the **green** button to store.

8. Choose a program, then press the **yellow** button (DELETE).
The program is highlighted by a red bar, and then press **yellow** button again to erase. To cancel, press **blue** button.



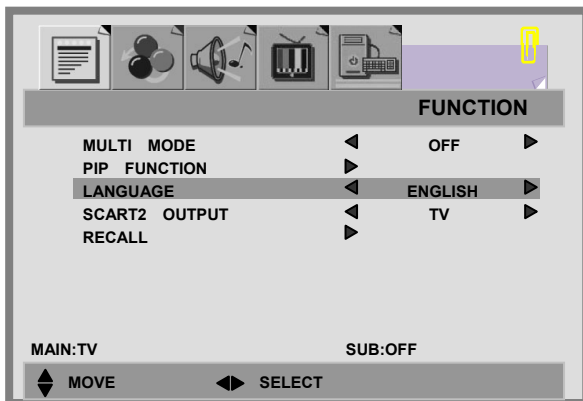
CHILD LOCK:

1. Press the **MENU** button to display TV CHANNEL from the main menu.
2. Press the ▲ / ▼ buttons to select CHILD LOCK option.
3. Press the ◀ / ▶ buttons to enable / disable the function key of front cover.
[ON]: Function key is locked.
[OFF]: Function key is active.



LANGUAGE:

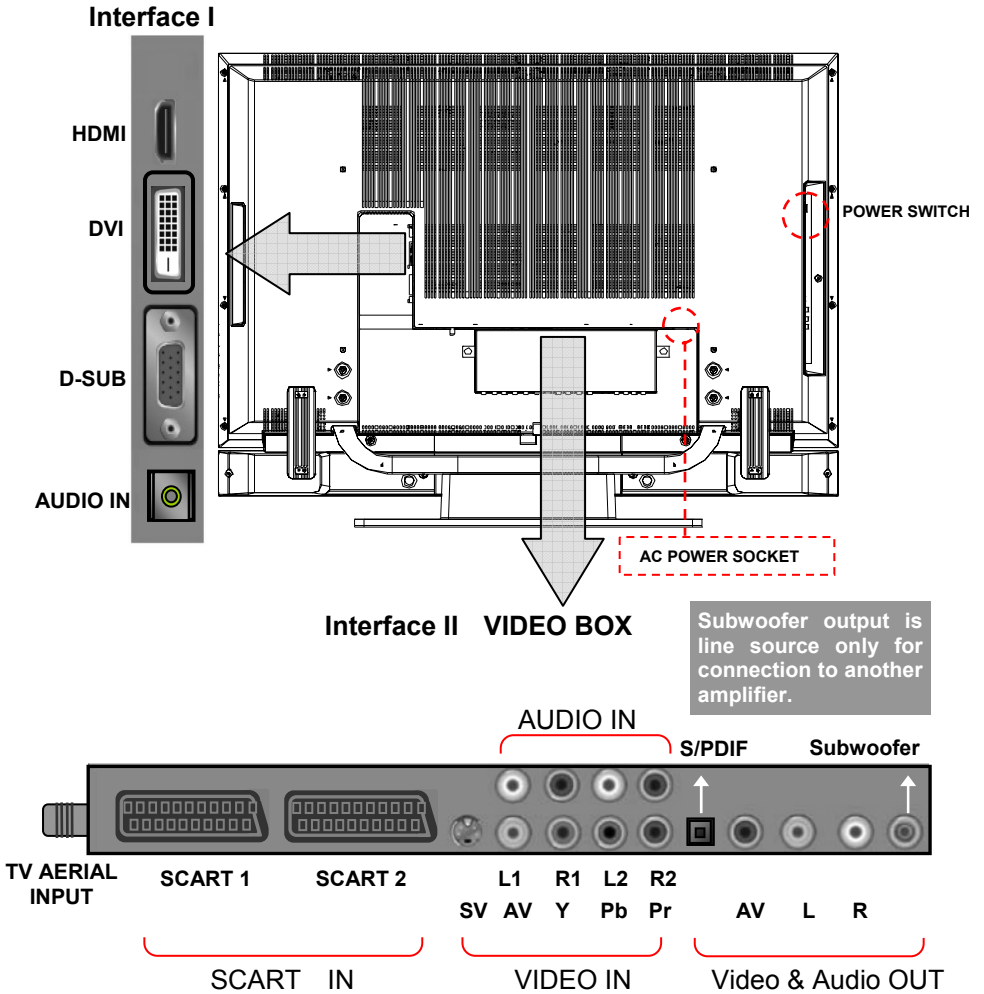
1. Press the ▼ button to select MULTI MODE option.
2. Choose a language. [ENGLISH], [DEUTSCH], [NEDERLANDS], [ITALIANO], [CASTELLANO], [FRANCAIS], [DANSK], [NORSK], [SVENSKA], [SUOMI]



SCART 2 OUTPUT: choose the output. [SCART 1] or [TV].

RECALL: reset to factory settings.

CONNECTING EXTERNAL DEVICES



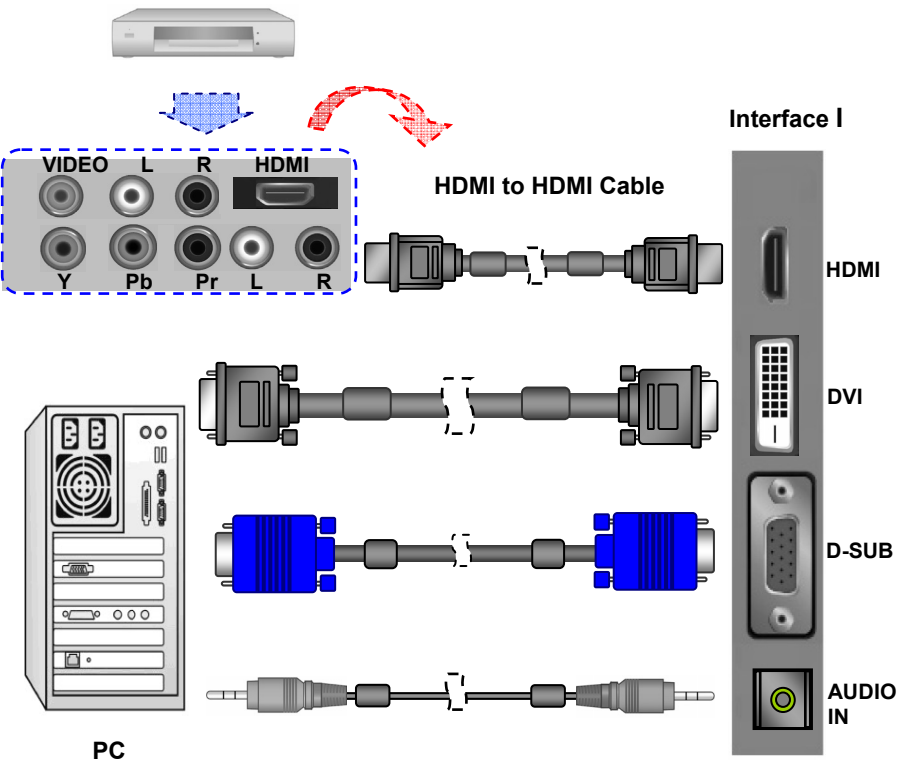
Note: Audio out L/R and Sub output

The level of audio output cannot be changed using the volume control on your display. This connector should be used with an external audio amplifier that can be used to control the volume.

CONNECTIONS & APPLICATIONS

Connect a VCR / Set Top box or DVD player/recorder using a standard Scart to Scart connection cable (not supplied) to SCART 1 socket located at the rear of the TV. If the Set top box has alternative connections then connect as shown below:

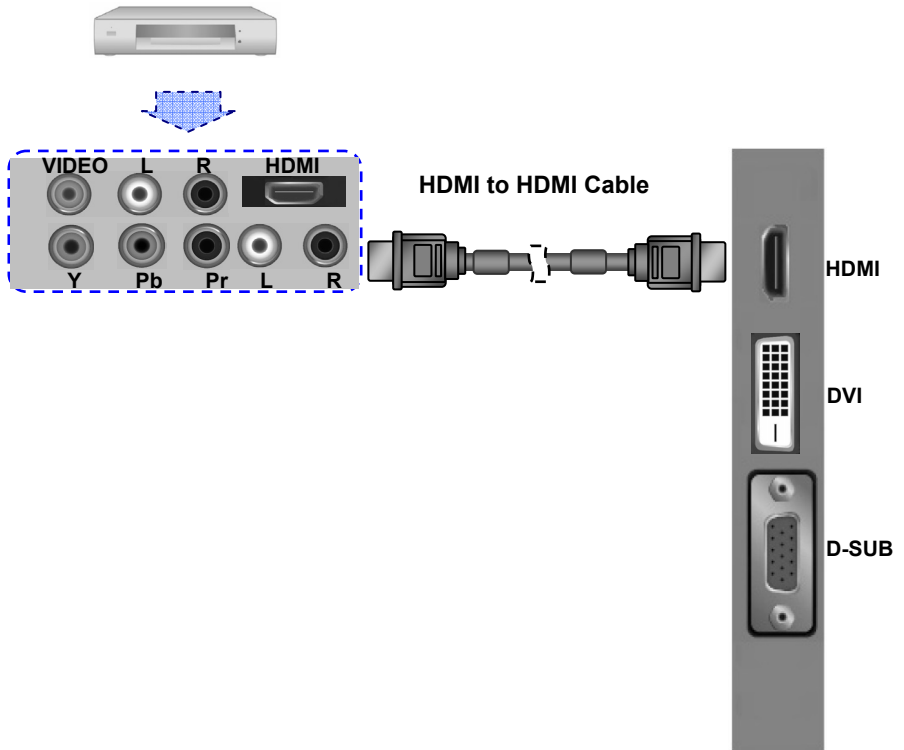
VIDEO DEVICE
(ex. DVD Player or Set-top Box...)



*** How do I connect a Video device via HDMI - HDMI ?**

This can be applied only if there is the HDMI Output connector on the external device.

VIDEO DEVICE
(ex. DVD Player or Set-top Box...)

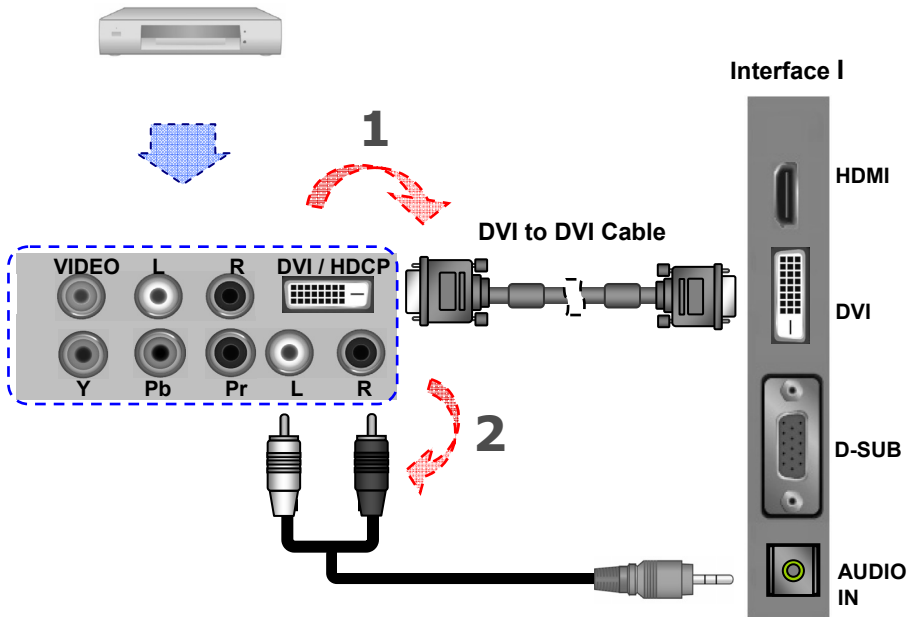


1. HDMI support S/P DIF out (Digital Audio Output).
2. No sound connector is needed for a HDMI to HDMI connection.

* How do I connect a Video device via DVI - DVI ?

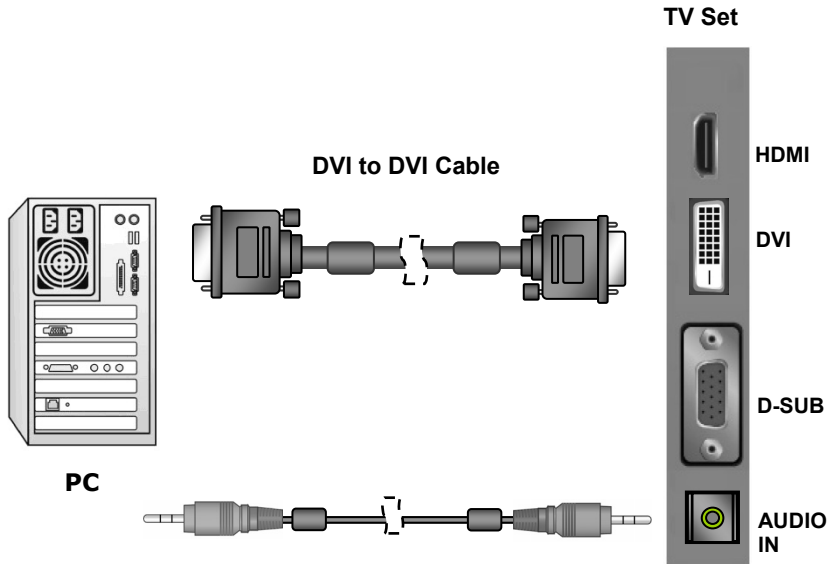
This can be done only if there is the DVI Output connector on the external device.

VIDEO DEVICE
(ex. DVD Player or Set-top Box...)



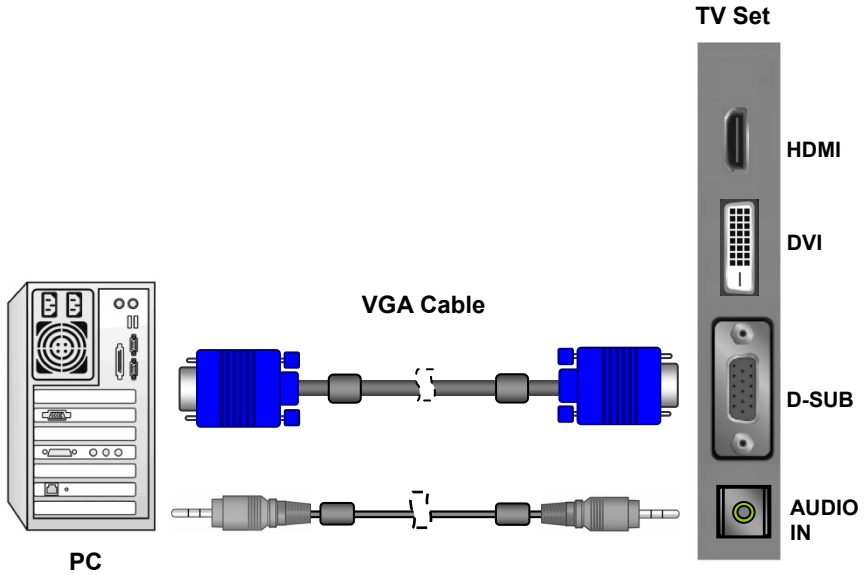
1. Connect a DVI cable between the DVI connector on the TV and the DVI connector on the DVD player/ Set-top box.
2. Connect an audio cable between the PC AUDIO IN Socket on the TV and AUDIO OUT Socket on the DVD player/ Set-top box.

* How do I connect a PC via DVI - DVI ?



1. Connect a DVI cable between the DVI connector on the TV and the DVI connector on PC.
2. Connect an audio cable between the PC AUDIO IN Socket on the TV and AUDIO OUT Socket on PC.

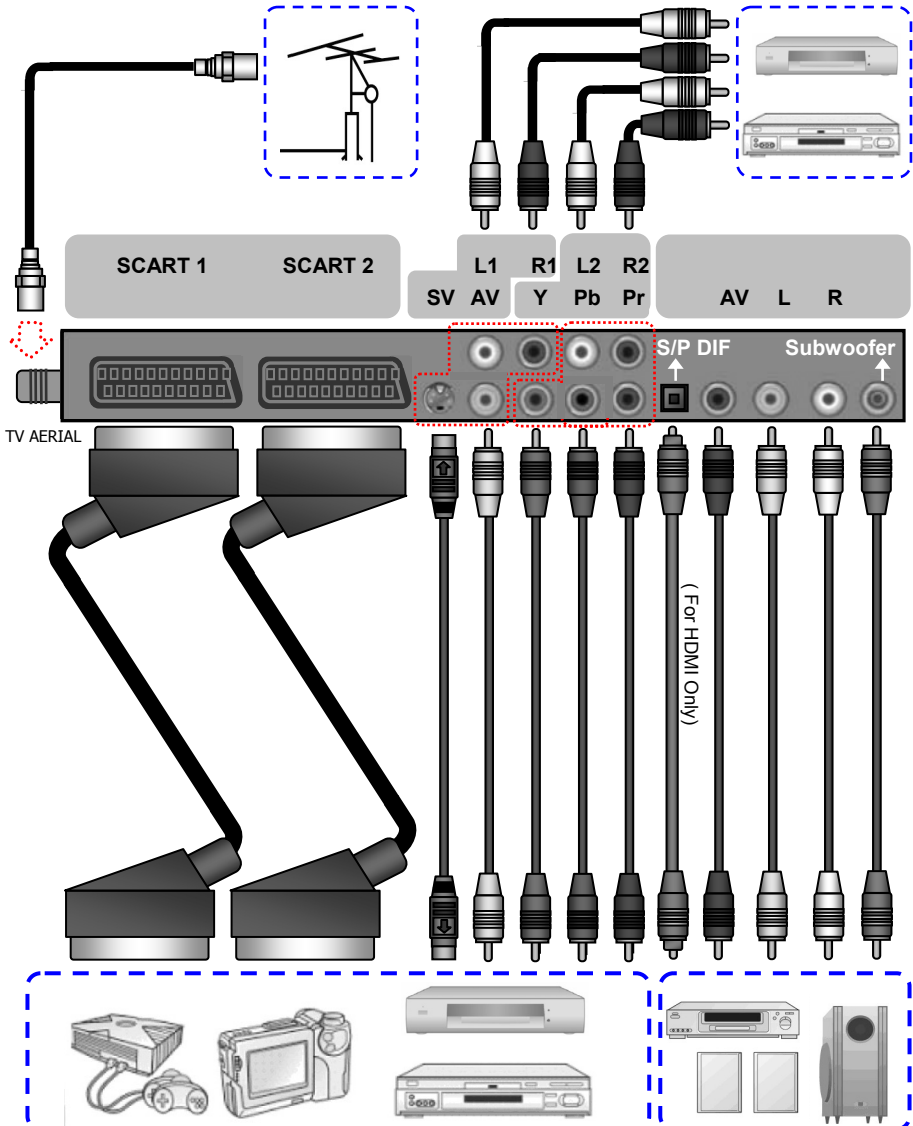
* How do I connect a PC via D-SUB ?



1. Connect a VGA cable between the D-SUB connector on the TV and the D-SUB connector on PC.
2. Connect an audio cable between the PC AUDIO IN Socket on the TV and AUDIO OUT Socket on PC.

*** How do I connect a Video device via general cables ?**

EXTERNAL / EXISTING TV AERIAL VIDEO



This TV will accept different Video Inputs, if video device has a connector with better quality, please connect the better one. The sequence of video quality is Component, Scart, S-video, Video from the best quality to the normal one.

SWITCHING PC / HDMI / DVI / VIDEO / TV / SCART MODES

1. Turn on the power.
2. Select an input source as described below:

TV button switch to TV mode.

PC/HD button switch to PC , HDMI and DVI mode (Analog or Digital)

VIDEO button switch to AV / SV / YPbPr mode
(Composite, Y/C and Component signal)

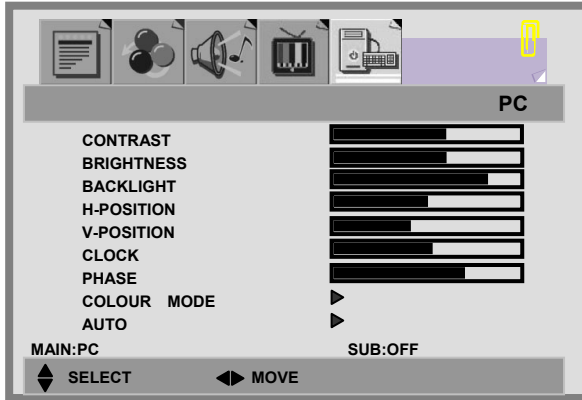
SCART button switch to SCART1, SCART2, SCART2S



These are source buttons

PC MENU

1. Press the **MENU** button to display PC from the main menu.
2. Press the ▲ / ▼ button to move to one of the sub-menu options.
3. Press the ◀ / ▶ button to select the settings.
4. Press the **EXIT/INFO** button to return to the previous screen.



CONTRAST: Increase and decrease picture contrast

BRIGHTNESS: Darker and brighter picture brightness

BACKLIGHT: Adjust the back light level of screen

H POSITION: Adjust picture horizontal position.
Note: Not available in HDMI / DVI source.

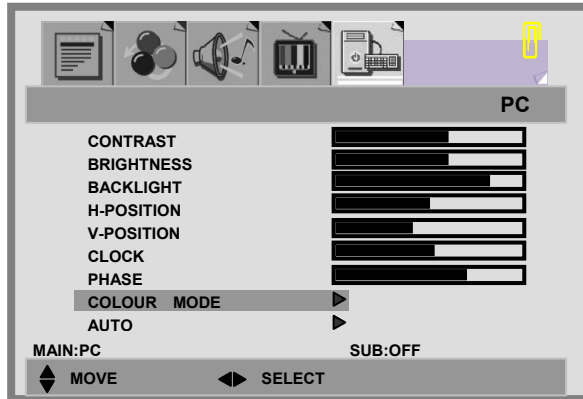
V POSITION: Adjust picture vertical position.
Note: Not available in HDMI / DVI source.

CLOCK: Adjust picture width.
Note: Not available in HDMI / DVI source.

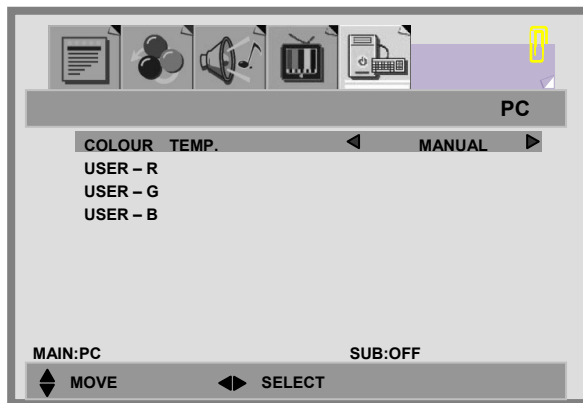
PHASE: Adjust picture focus quality.
Note: Not available in HDMI / DVI source.

COLOUR MODE :

1. Press the ▲ / ▼ buttons to select COLOUR MODE option, and then press the ► button to enter the COLOUR TEMP. sub-menu.



2. Press the ► button to choose the colour of picture mode. [NORMAL], [WARM], [COOL], [MANUAL].

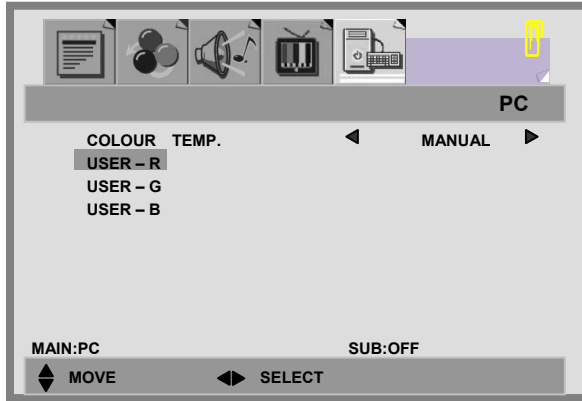


3. Press ▲ / ▼ buttons to move USER-R/G/B and then press the ► button to enter the desired setting.

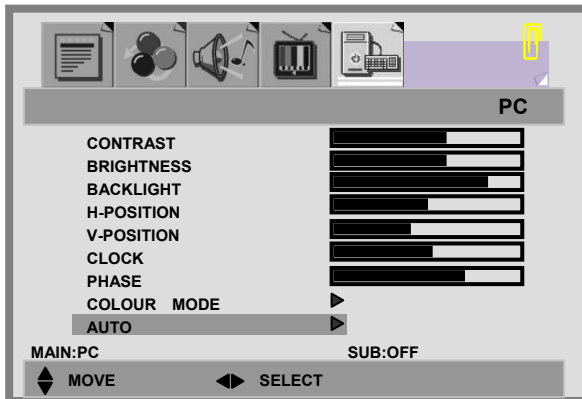
USER-R: adjust colour of red rate.

USER-G: adjust colour of green rate.

USER-B: adjust colour of blue rate.



AUTO: Automatically adjust picture. Press the ▶ button to adjust picture position automatically. Screen will disappear until it has completed adjustment.



NICAM/IGR BROADCAST SELECTION

Depending on the particular program being broadcast, you can press the **SOUND** button to listen to different language sources.

Under different systems, broadcast function will show differently.

I : sends the primary broadcast language to the loudspeakers.

II : sends the secondary broadcast language to the loudspeakers.

○ : sends mono sound

Ⓞ : sends stereo sound

Note: secondary language channels are not normally broadcast in UK.

NICAM System

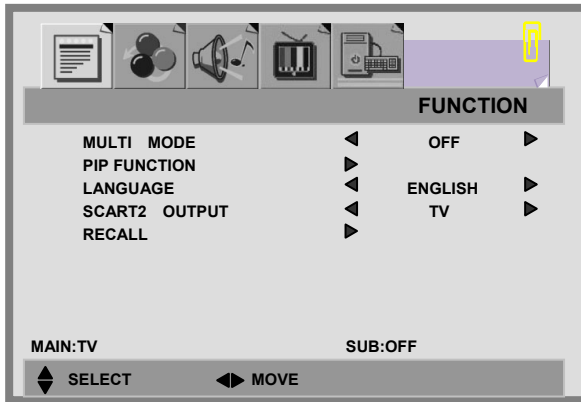
Digital	Stereo	○
		Ⓞ
	Dual	○
		I
		II
	Mono	○
		I

Two Carrier System

Analog	Stereo	○
		Ⓞ
	Dual	○
		I
		II
	Mono	○

FUNCTION

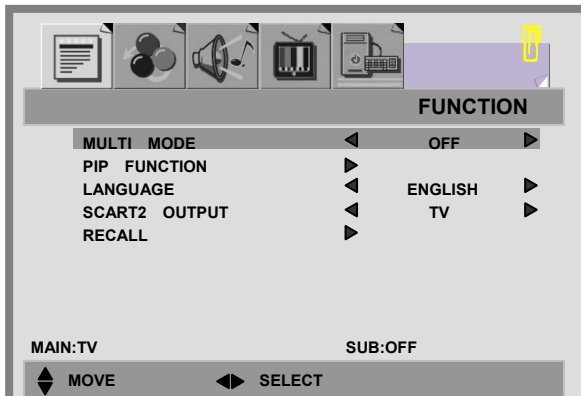
1. Press the **MENU** button to display FUNCTION from the main menu.
2. Press the **▲ / ▼** button to move to one of the sub-menu options.
3. Press the **◀ / ▶** button to select the settings.
4. Press the **EXIT/INFO** button to return to the previous screen.



MULTI MODE:

Note: PIP (picture In Picture) function will show a TV channel and another external device video picture.

1. Press the **▼** button to select MULTI MODE option.
2. Press the **◀ / ▶** button to select the [OFF], [PIP], [POP] mode.



[OFF]:Only show the primary source.(No PIP/POP)

[PIP] :Show PIP in a window.



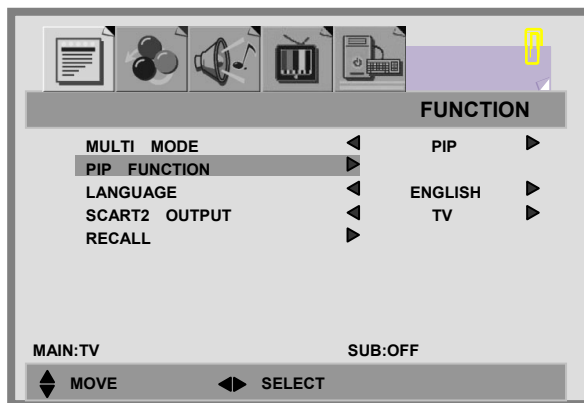
[POP] :Show PIP side by side with the main source.



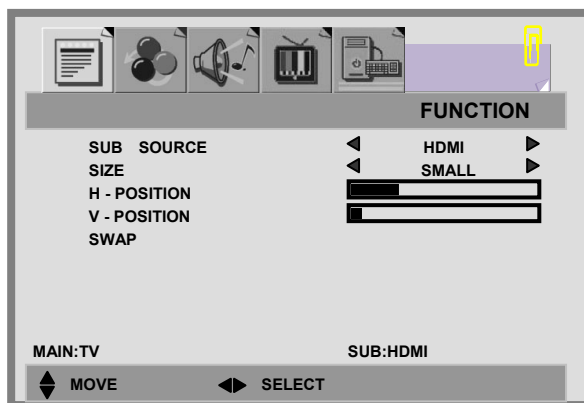
3. Press the **EXIT/INFO** button to return to the previous screen.

PIP FUNCTION:

1. Press the ▼ button to select PIP FUNCTION option.



2. Press the ► button to enter PIP FUNCTION sub-menu.



3. Press the ▲ / ▼ button to move to one of the sub-menu items.
4. Press the ◀ / ▶ button to select the settings.

SUB SOURCE: You can select a second source [HDMI],[DVI],[AV],[SV], [SCART 1], [SCART 2], [SCART 2S], [YPbPr], [PC], as sub-window.

SIZE: Three different PIP sizes. [SMALL], [MIDDLE], [LARGE].

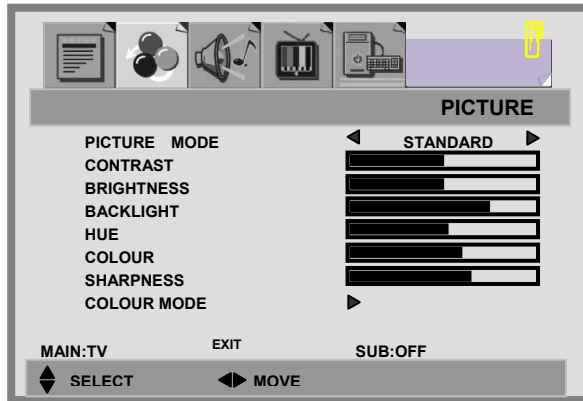
H-POSITION / V-POSITION: Pressing the ◀ / ▶ button can make PIP window move from corner to corner on the TV screen.

SWAP: To exchange the display of main source and sub-source.

Sub Main	PC	HDMI	DVI	YPbPr	SV	AV	TV	SCART 1	SCART 2	SCART 2S
PC	X	X	X	X	O	O	O	O	O	O
HDMI	X	X	X	X	O	O	O	O	O	O
DVI	X	X	X	X	O	O	O	O	O	O
YPbPr	X	X	X	X	O	O	O	O	O	O
SV	O	O	O	O	X	O	O	O	O	O
AV	O	O	O	O	O	X	O	O	O	O
TV	O	O	O	O	O	O	X	O	O	O
SCART 1	O	O	O	O	O	O	O	X	O	O
SCART 2	O	O	O	O	O	O	O	O	X	O
SCART 2S	O	O	O	O	O	O	O	O	O	X

VIEWING THE MENUS AND ON-SCREEN DISPLAYS

1. With the power on, press the **MENU** button. The main menu appears on the screen.



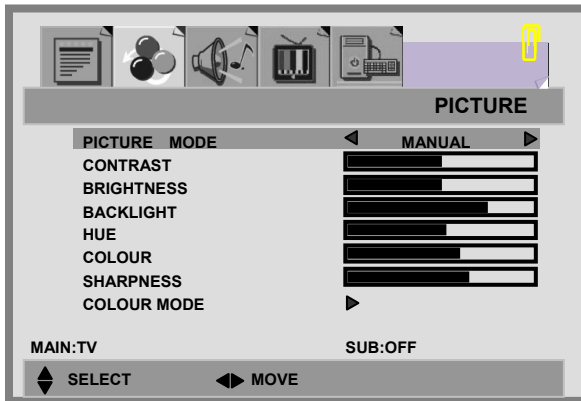
2. Use the ◀ / ▶ button to select one of the menu options, and then press the ▲ / ▼ button to access the sub-menu.
3. Press the ◀ / ▶ button to make adjustments.
4. Press EXIT/INFO button to exit from the menu.

Note: The menu varies according to which input source is selected.

PICTURE SETTING

You may need to perform separate adjustments for brightness and contrast for the different video modes. Typically, PC mode will be best viewed with lower brightness and contrast settings than are appropriate for the other modes.

1. Press the **MENU** button to display PICTURE from the main menu.
2. Press the **▲ / ▼** button to select the desired item.
3. Press the **◀ / ▶** button to adjust ranges from minimum to maximum.
4. Press the **EXIT/INFO** button to return to the previous screen.



PICTURE MODES:

- **[MANUAL]**:select this mode if you want to manually adjust each setting. Adjustments are only available under this mode.
- **[STANDARD]**: standardizes picture adjustment
- **[MOVIE]**: heightens contrast and sharpness
- **[BRIGHT]**: displays a clear and bright picture.

PICTURE SETTINGS:

CONTRAST: Increase and decrease picture contrast

BRIGHTNESS: Darker and brighter picture brightness

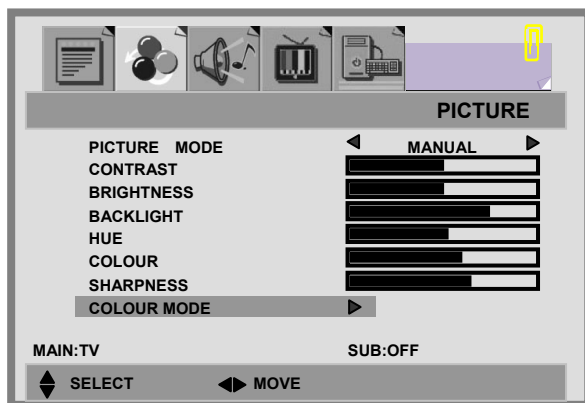
BACKLIGHT: Adjust the back light level of screen

COLOUR: Deeper and lighter picture colour

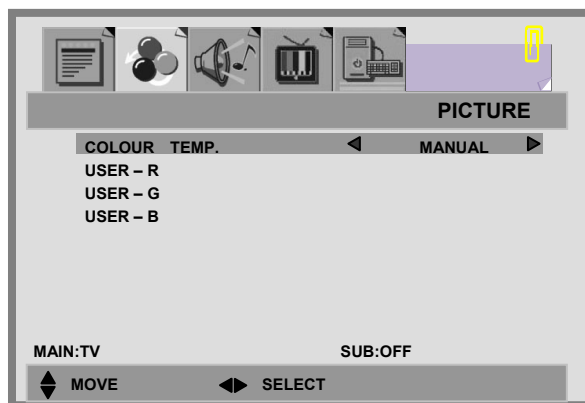
SHARPNESS: Softer and sharper image

COLOUR MODE:

1. Press the ▲ / ▼ buttons to select COLOUR MODE option, and then press the ► button to enter the COLOUR TEMP. sub-menu.



2. Press the ► button to choose the colour of picture mode. [NORMAL], [WARM], [COOL], [MANUAL].



3. Press ▲ / ▼ buttons to move USER-R/G/B and then press the ► button to enter the desired setting.

USER-R: adjust colour of red rate.

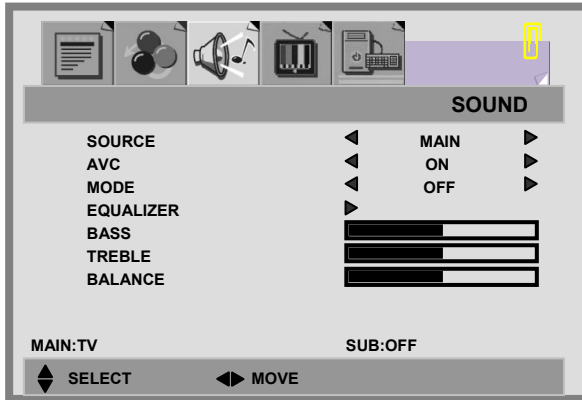
USER-G: adjust colour of green rate.

USER-B: adjust colour of blue rate.

RECALL:User can reset the picture settings to the original / normal settings.

SOUND ADJUSTMENT

1. Press the **MENU** button to display **SOUND** from the main menu.
2. Press the **▲ / ▼** button to move to one of the sub-menu options.
3. Press the **◀ / ▶** button to select the settings.
4. Press the **EXIT/INFO** button to return to the previous screen.



SOURCE: Choose the sound source from the [MAIN] or [SUB] display.

AVC: You can set AVC(Auto Volume Control) options to ON or OFF.

[ON]: For general use, like commercial advertisement,AVC can avoid the loud sounds that can occur when adverts start.

[OFF]: For special sound effect, like opera or symphony, volume can be performed in accordance with the original sound level.

MODE: select the audio mode to [OFF],[EQ].

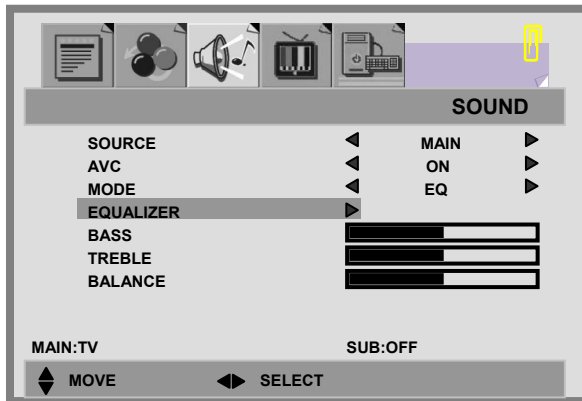
BASS: Adjust low tone of sound.

TREBLE: Adjust high tone of sound.

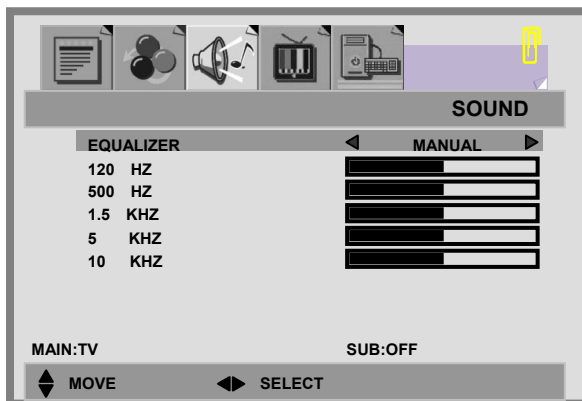
BALANCE: Adjust the volume balance between the left and right speakers.

EQUALIZER:

1. Press the ▲ / ▼ button to enter the EQUALIZER menu.

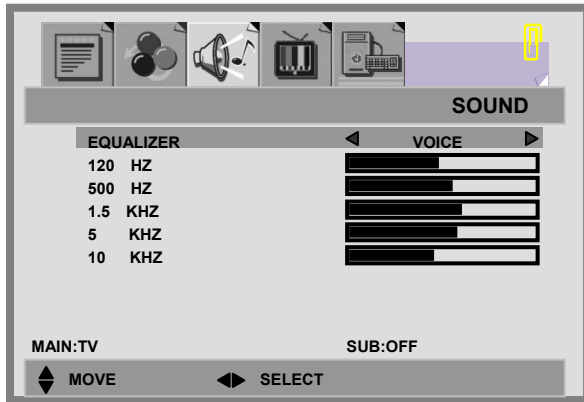


2. Press the ► button to select the EQUALIZER options.

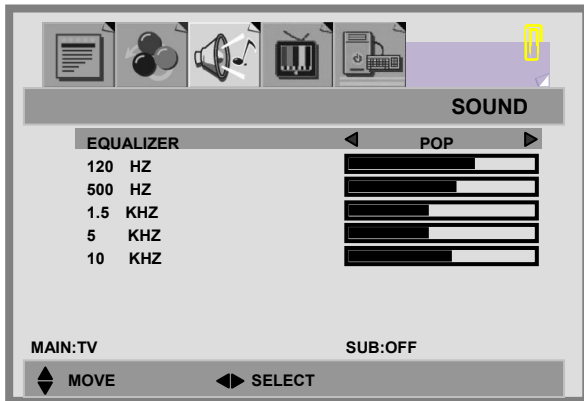


3. There are 6 Equalizer modes available: [MANUAL] , [VOICE] , [POP], [ROCK] , [JAZZ] , [CLASSIC].
4. Settings for VOICE , POP, ROCK , JAZZ and CLASSICAL are pre-configured. You cannot change these settings. The frequency responses are as below:

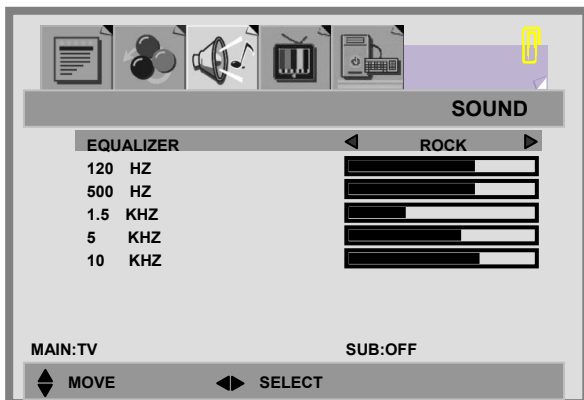
VOICE:



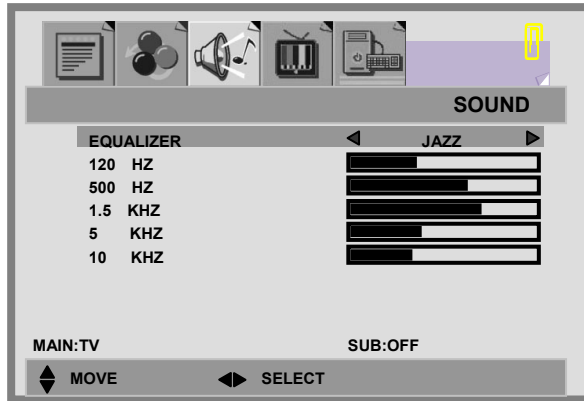
POP:



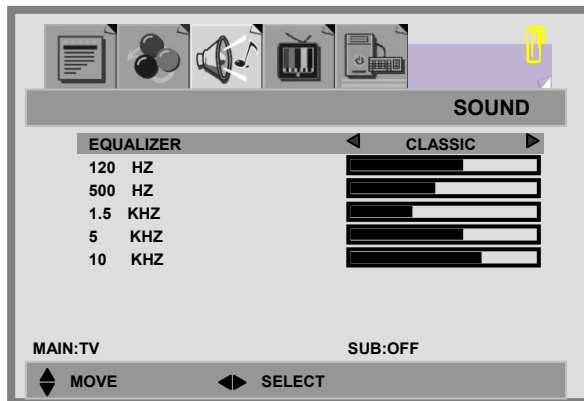
ROCK:



JAZZ:

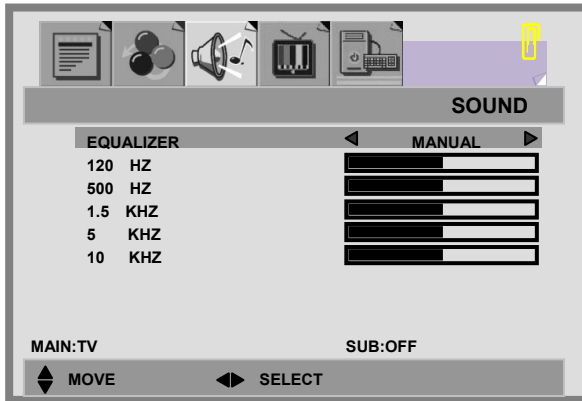


CLASSICAL:



- In MANUAL mode, use ▲ / ▼ buttons to move a band and ◀ / ▶ buttons to select the desired frequency settings.

MANUAL:



Note:

When using the PIP feature in PC mode, you are able to listen to the sound of the [SUB] screen instead of the [MAIN] screen by selecting the **AUDIO SWAP** button.

**AUDIO SWAP
Button**





TELETEXT

Teletext is a free service broadcast by TV stations which gives up-to-the-minute information, news, weather, television programs, share prices, subtitles, and many other topics.

Note : No OSD adjustment apart from volume control will be available in teletext mode .

In teletext mode, **NUMBER** buttons, ◀ / ▶ and **RTN** buttons are used for Teletext function.

To operate TELETEXT

- * Select a TV station on which Teletext is being transmitted.
- * Press the  **TELETEXT** button once to make the Teletext screen appear
 - Two page numbers, TV station name, date, and time are displayed on the screen headline. The first page number indicates your selection, while the second shows the current page being displayed.
- * Press the  **TELETEXT** button again to switch off Teletext. The previous program will reappear.

Teletext Page Selection

1. Enter the required Teletext page as a three digit number.
 - The selected page number is displayed at the top left corner of the screen. The Teletext page counter searches until the selected page number is located, so that the desired page is displayed on the screen.
2. The ▲ / ▼ button can be used to select the preceding or following page.
3. Fastext movement by the **4 coloured buttons**.
 - Four subject-heading pages can be selected quickly by pressing the corresponding coloured button **Red**, **Green**, **Yellow**, or **Blue** on the remote control handset.

Useful features for Teletext

INDEX

* Press this button to select the index page that displays the list of Teletext contents.

HOLD

The teletext page you have selected may contain more information than what is on the screen ; the rest of the information will be displayed after a period of time on a sub-page.

* Press **HOLD** button to stop the automatic page change.

-The **HOLD** symbol will be displayed at the top left-hand corner on the screen and the automatic page change will be stopped.

* Press **HOLD** button again to continue.

UPDATE

In the Teletext mode, pressing **UPDATE** button will switch the screen to the TV mode while waiting for the next text page.

* Select required page number in Teletext mode.

* Press **UPDATE** button to switch to TV mode while waiting for the text page. A small blue box in which “---“ shows appears in the upper left corner .

* When the required text page is found, the required page number appears in the blue box.

* Press **UPDATE** button again to revert to Teletext mode.

REVEAL

* Press this button once to display concealed information, such as solutions of riddles, puzzles, or a quiz.

* Press this button again to conceal the revealed answers.

EXPAND

Select double height text.

* Press this button to enlarge the top half of the page.

* Press this button again to enlarge the bottom half of the page.

* Press this button once more to return to the normal display.

TIME

* While watching a TV program with Teletext transmission press **TIME** button. The current time information will be displayed on the upper right corner of the screen.

* *The time information will disappear after pressing **TIME** button again.*

OTHER FUNCTIONS

1. - **WIDE** - Modes available are dependant upon the current source

- * **FULL**: This mode expands the width of 4:3 video sources evenly to fill the 16:9 screen. There will be distortion at the centre of the screen as well as the edges.
- * **NORMAL**: This sets the aspect ratio to 4:3 for traditional TV programs. There will be black bars at either side of the screen.
- * **PANORAMIC**: Expands 4:3 video sources to fit the 16:9 screen by expanding the image at the edges of the screen. This creates less distortion at the centre of the screen.
- * **ZOOM 1**: Some DVD movies may not fill the top and bottom of the screen. The 14:9 zoom function extends the height to fill the screen.
- * **ZOOM 2** : Same as "16:9 ZOOM", but the bottom edge of the screen pulls up a little for the subtitle purpose.
- * **AUTO** :This changes any ARC automatically regarding to video sources.
(In PC mode , only has **FULL** and **NORMAL**)

2. - **PICTURE** -

Press **PICTURE** button on the remote control repeatedly to cycle through the PICTURE settings. This is to adjust the brightness and contrast of screen.

- * **Movie**: the contrast is around 0.51 times of standard mode.
- * **Manual**: default brightness is around 0.91 times that of standard mode, and adjustment is available.
- * **Standard**: the standard settings for the best picture.
- * **Bright**: the contrast is around 1.37 times that of standard mode.

TROUBLESHOOTING

Many times, problems have simple causes. We would like to give you some tips to solve some common problems.

There is no picture and sound.

- Make sure the power cord is properly connected.
- Make sure the input mode is set correctly.
- Make sure the main power switch of the main unit is on.

There is no picture.

- Make sure the Contrast/Brightness is properly adjusted.
- Make sure all external devices are connected properly.

There is no sound.

- Make sure the volume is not set to minimum .
- Make sure the sound is not set to mute.

There is no picture or sound, just noise.

- The reception may be weak.
- Make sure the aerial is not disconnected.

Picture is not clear.

- The reception may be weak.
- Make sure the aerial is not disconnected.

Picture is too bright.

- Check the PICTURE function setting.
- Check Contrast/Brightness adjustment.

The picture is too dark.

- Check the PICTURE function setting.
- Check Contrast/Brightness adjustment.

Remote control does not work.

- Check the batteries in the remote control are not flat.
- Make sure the sensor window of TV set is not under strong lighting.

The picture is not sharp.

- Check the colour adjustment.
- Check the Sharpness adjustment.

The picture is jittery.

- Make sure the TV set isn't near Microwave Oven or other equipment.

The picture has double or triple image.

- Make sure the aerial is facing the right direction.
- There may be reflected signals from mountains or buildings.

The picture is spotty.

- There may be interference from automobiles, trains, high voltage lines, neon light, etc.

There are stripes on the screen or colours fade.

- Is the unit receiving interference from other devices?
Transmission of radio broadcasting station and transmission of amateur radio and cellular phones may also cause interference.
- Place the unit as far apart as possible from devices that may cause possible interference.

PC INPUT PRESET TIMING TABLE

Analog Input							
No.	Mode Name	H-Resolution V-Resolution	H.Freq. (KHz)	V.Freq. (Hz)	H. Polarity	V. Polarity	Pixel CLK (MHz)
1	VGA	640 * 480	31.469	59.940	-	-	25.175
2	VGA	640 * 480	37.500	75.000	-	-	31.500
3	US TEXT	720 * 400	31.472	70.100	-	+	28.325
4	STB	768 * 576	31.250	50.000	-	-	29.750
5	SVGA	800 * 600	37.879	60.300	+	+	40.000
6	SVGA	800 * 600	46.875	75.000	+	+	49.500
7	XGA	1024 * 768	48.363	60.000	-	-	65.000
8	XGA	1024 * 768	56.476	70.000	-	-	75.000
9	WSGA	1280 * 768	47.708	60.000	+	-	80.150
10	WXGA	1366 * 768	48.54	59.93	+	+	80
11	UXGA	1920 * 1080	67.4325	60.00	+	+	148.500

*The resolution and frequencies displayed on the screen may not exactly match this list.

SPECIFICATIONS

ITEMS		SPECIFICATION
Panel	Screen Size	42" TFT-LCD Panel
	Aspect Ratio	16:9
	Resolution	1920 x 1080
	Display Area (Opening)	930.24(H) x 523.26 (V)
	Display colors	16,7M colors (8 bits)
	Contrast Ratio	1000 : 1 (typ.)
	Brightness (center)	500 cd / m ² (typ.)
	Viewing Angle (CR>10)	176° (Hor.) / 176° (Ver.)
	Response Time (GTG)	6.5 ms (typ.)
TV Function	Broadcasting System	PAL / SECAM
	Receiving Channel	B / G, D / K, I and L / L' (Multi-Europe)
	Sound System	NICAM / A2 (IGR)
	Data Broadcasting	Teletext 255 pages Auto Program Searching (APS)
Video Input	Video Colour System	PAL / SECAM / NTSC
	AV1 (scart)	SCART 1 21-pin (RGB / CVBS) x 1 SCART 2 21-pin (RGB / CVBS / SVHS) x 1
	AV2 (composite)	Composite (RCA Socket) x 1 S-Video x 1
	AV3 (component)	Y Pb Pr (720p / 1080i / 1080p, HDTV ready) x 1
Digital Input	HDMI	HDMI 1.0/HDCP 1.1
	DVI	DVI 1.0 / HDCP 1.1
PC Input (analog)	Signal Connection	D-Sub 15 pin
	Scanning Frequency	f _H = 31.5 ~ 60KHz / f _V = 56 ~ 75Hz

ITEMS		SPECIFICATION
Audio Input	Audio 1	Scart x 2
	Audio 2	Composite x 1 S – Video x 1
	Audio 3	Component x 1
	Audio 4	PC x 1
Video Output	SCART 1	TV x 1
	SCART 2	TV / CVBS (SCART 1) x 1
	Composite(RCA Socket)	TV x 1
Audio Output	Speaker (build-in)	15W+15W (rms) @ THD < 10% (10W+10W THD < 1%)
	Line Out	Left / Right / Subwoofer
	S/P DIF	HDMI x 1
Feature	OSD Language	English, French, German, Spanish, Italian, Finnish, Swedish, Dutch, Danish, Norwegian
	Function Keys	Power, Source, Menu, Up/Down(Channel), +/(Volume), EXIT / WIDE
	Video Performance	3D Comb-filter, 3D De-interlace , Canal Plus, Teletext, Aspect Ratio Control (WIDE) ,Auto Picture Control (PICTURE), Video Enhance,Noise Reduction, Picture in Picture (PIP), Picture on Picture (POP)
	Audio Performance	Equalizer, Subwoofer, Auto Volume Control (AVC)
	Other Control	Sleep Timer, Auto Power Off
Power	Power Supply	AC 100V ~ 240V , 50 / 60Hz
	Power Consumption	< 300 W
Dimension	W x H x D	1067 mm *815 mm * 270 mm
Weight (net)	Without Accessories	36.1kg

