

Goodmans



GTVL40W27HD

LCD Television

Instruction Manual

TABLE OF CONTENTS

Important information	1
1.1 Cleaning the screen and cabinet... ..	1
1.2 Disposing of your TV at the end of service life.....	1
Features of your new television.....	2
2.1-Special Features	2
Important Safety Instructions	3
Start.....	6
4.1-Aerial connection	6
4.2-Powering on your tv and the initial use	6
4.3-Batteries	6
Your new television has	7
5.1-TV Control Panel	7
5.2- External Connections	7
5.3-External Connections Table.....	8
5.4-Remote Control.....	8
Performing the initial power-on settings	9
6.1-TV controls.....	9
6.2-Automatically tuning and storing the programs on your television	10
6.3-Manually tuning and storing the programs on your television	10
6.4-Fine Tuning	11
6.5-Program Table	12
The settings on your new television:.....	13
7.1- Sound menu settings	13
7.2-Picture Menu Settings	14
7.3-Features menu settings	16
7.4-Other picture features	17
Teletext	18
External equipment connection:	20
9.1-Connection types for external devices	21
Help and tips	23
Technical specifications chart.....	24

1 Important information

LCD display panels are manufactured using an extremely high level of precision technology, however sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.

1.1 Cleaning the screen and cabinet...

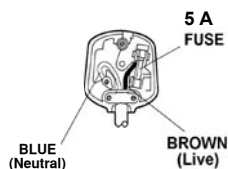
After powering off, wipe the screen and the cabinet clean with a soft and dry cloth. We recommend that you do not use patented polishes or solvents on the screen or cabinet since they may cause damage.

1.2 Disposing of your TV at the end of service life...

The cold cathode fluorescent lamp found in your LCD screen contains a very small amount of mercury. Once your TV set has completed its physical life, please dispose of it in accordance with local government regulations or leave it at a recycling centre.

IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:
Blue - Neutral
Brown - Live



As the colours in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

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

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

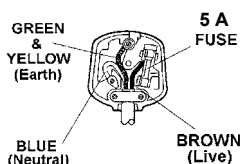
No connection is to be made to the Earth terminal of the plug.

If a 13 Amp (BS1363) Plug is used, fit an ASTA approved 5 A fuse

If your product is fitted with a moulded plug which requires replacement please cut off and dispose of it safely, then rewire as shown above.

IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:
Blue - Neutral
Brown - Live
Yellow/Green - Earth



As the colours in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal which is marked with the letter E, or by the earth symbol, or coloured green or green and yellow.

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

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

If a 13 Amp (BS1363) Plug is used fit an ASTA approved 5 Amp fuse.

If your product is fitted with a moulded plug which requires replacement please cut off and dispose of it safely, then rewire as shown above.

2 Features of your new television

Thank you for buying this television which is designed to give you many years of satisfactory service. You may already be familiar with using a television but do please take time to read these instructions. They are designed to familiarise you with the unit's many new features and to ensure you get the very best out of your purchase.

2.1-Special Features

- Available for cable broadcasts
- Wide angle of vision
- PIP (Picture in Picture) from AV
- Scart socket, AV Socket and external sound system connection
- S-VHS and Phono inputs for S-Video connection
- PC connection
- Low energy consumption
- AVL
- SRS TruSurround sound
- Dynamic bass
- Programmable power on
- Programmable power off
- 250 pages Teletext
- Fastext
- Graphic equalizer
- Sharpness feature in Color Transitions (CTI)
- Sharpness feature and picture resolution (LTI) in black-white transitions
- A clearer Picture made possible with a Digital Comb Filter
- On-screen viewing of all settings, program numbers and all the operations.
- Manual Fine Tuning
- 100 Program memory
- Infrared Remote Control equipped with all functions
- Child Lock
- Panel Lock
- Ability to watch NTSC broadcast via Scart input
- Ability to choose 26 different menu languages
- 4:3, 16:9, 14:9 Letterbox , Subtitle picture formats
- HDMI connection
- HD-Ready



HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

STAND REMOVAL

- Cover a table with a soft towel (or other protection to prevent damage to the TV or table)
- Carefully lay the T.V. front down on the table
- position the T.V. table stand so that it hangs over the edge of the table
- Remove the screws that hold the stand to the T.V.
- Remove the stand.
- Attach any new brackets before lifting T.V. back up.

Note: Keep removed stand and screws safely for future use.

3 Important Safety Instructions



This symbol is used to warn the user about the “dangerous voltage” contained inside the tv that may create a risk of electrical shock.



This symbol is used to remind the user important usage and service instructions supplied with the tv.

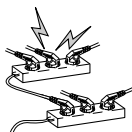
- 1) Please **READ** the operating instructions before using the tv for the first time.



- 2) Please observe the instructions contained in the Operating Instructions.

- 3) Please consider all warnings.

- 4) **MAKE SURE** that all power connections (extension cables and the connections between the external equipment) have been made properly and in accordance with the manufacturer's instructions. Before making or changing the connections, power off the tv and unplug the mains connection plug.



- 5) If you have any doubts regarding the installation, operation or safety of the tv, please **REFER** to the Helpline 08712301777.

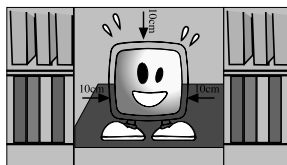
- 6) **BE CAREFUL** with glass panels and covers on the device. The screen glass may break and cause serious injuries if something hits it.

- 7) To ensure adequate ventilation, please leave a clearance area of at least 10 cm around the television. This clearance prevents the TV from overheating and consequently causing damage.

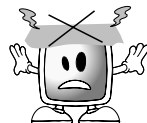
- Using the tv in dusty environments should also be avoided.
- Never block the slots and openings by placing the TV on a bed, sofa,

pillow or other similar surfaces.

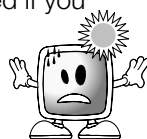
- Never install the TV into closed places such as bookcases or cabinets unless adequate ventilation is provided.



- 8) **DO NOT COVER** the ventilation openings of the tv with items such as newspapers, tableclothes, curtains, etc. Overheating causes damage and shortens the service life of the tv.

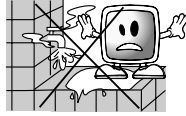


- 9) Your TV may be damaged if you place it under direct sunshine or close to a heater. Please abstain from using the product in very hot or humid locations or in places where the temperature is likely to decrease below 5°C (41°F). **DO NOT PLACE** on or near the tv any hot objects or items with open flame such as candles or any night lamps. The high temperature can melt plastic parts and cause a fire.



- 10)** Never operate your tv close to water.

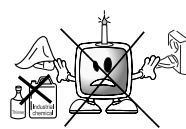
Operating your tv, for example, near a bathtub, washbasin, wet basement and swimming pool can cause fire or electric shock.



- Do not allow your TV to get wet. Never pour any liquids onto the TV. Do not operate your TV if any solid or liquid substance enters into it. This can cause electric shock and your TV may be damaged. Have it checked immediately by qualified personnel.



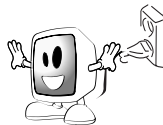
- Keep open flame sources (such as candles) away from your TV in order to avoid risk of fire.



- 11) DO NOT USE** headphones at extremely high volume levels since this may cause permanent loss of hearing.



- 12)** Operate your TV only on 230 V 50Hz voltage. Use the AC mains lead supplied with the product. If your TV is a grounded (Class I) product, then it must be connected to an earthed socket.



- The socket into which you plug in the AC mains lead or the adaptor must be within easy reach.**
- Turn off your device with the ON/OFF button and then unplug it in order to disconnect it from mains.**

Note: Do not use defective sockets.

Make sure that the plug is firmly inserted into the socket. If the plug remains loose, then it can cause fire due to arcing. Refer to an electrician to have your socket replaced.

- 13)** Make sure that the mains lead is not stepped on and that there is no bending at the plug sections, plug heads and tv output point.

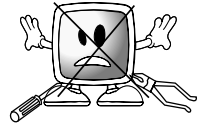


- 14)** Use only the accessories specified by the manufacturer.

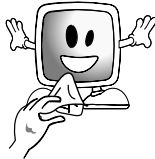
- 16)** Unplug the mains lead during thunderstorms or when you will not use your TV for a long period of time.



- 17)** Never attempt to repair the TV yourself. Opening the cabinet can expose you to dangerous voltages or other hazardous situations. Service is required in situations such as damage to the mains lead of the tv or its plug, water spills or substances falling into the device, the device is subjected to rain or moisture, it does not operate normally or it is dropped.



- 18) Wipe the TV cabinet clean with a soft and dry cloth. Wipe dust from the screen gently with a soft cloth.



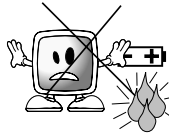
Stubborn stains can be cleaned with a cloth slightly moistened with soap and lukewarm water. Never use solvents such as thinner or petroleum based products for cleaning. Unplug the mains lead cable from the socket when cleaning the TV. Otherwise, there is the risk of electric shock.

Note 1: This is a Class A product. During operation, the device can cause radio interference. In this case the user may have to remedy this.

Note 2: Electromagnetic fields can cause temporary performance degradation. This can be distinguished as noise in the image.

- 19) Do not dispose of the batteries in fires.

- Do not short circuit, dismantle overheat or burn the batteries.



There is the risk of explosion if the batteries are not replaced correctly. Replace only with the same or equivalent type batteries.

- 20) Disposing of the exhausted batteries:

- Dispose of the exhausted batteries in accordance with the local laws and regulations in order to protect our environment.



- 21) Do not dispose of your TV with regular household waste. Observe local laws and regulations for disposal.



4 Start

Remove your television carefully from its box. You can keep the packaging of your television to use in future.

Items supplied with your television

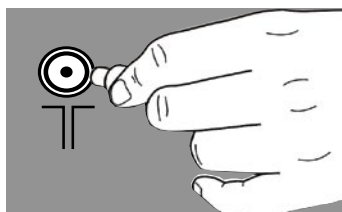
Instruction manual

Mains lead

Remote control

2 batteries

Note: The Scart, HDMI, VGA and PHONO cables are not supplied with the device.



4.1-Aerial connection

Connect the aerial plug directly to the aerial input located on the TV.

4.2-Powering on your tv and the initial use

1. Insert the mains lead into the power mains socket located on the back panel of the LCD TV.

2. Insert the mains lead plug supplied with the device into the mains socket.

Note 1: Your TV will switch to the **stand-by** mode in five minutes if there is no broadcast signal from the aerial.

Note 2: Your TV is equipped to operate with TV buttons in case your R/C is broken or the batteries are exhausted.

3. To power on your television, press any numerical key or **STANDBY**, **PR+** or **PR-** keys on the remote control. For this process, you can also use the buttons on your TV. The picture will appear on the screen after a short while. When first time powering up the TV. Follow the on screen information shown on the TV screen make sure a TV aerial is connected. Use

the remote control arrow buttons to navigate and ok button to confirm your choice.

Note: If you are not going to use your television for a long time, unplug its mains lead from the socket.

Initial power on and performing the settings

To set up your television, read the sections on the TV controls and making the channel settings.

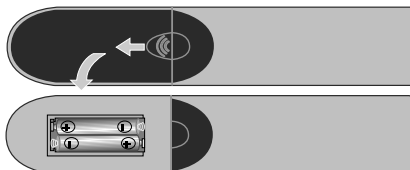
4.3-Batteries

Open the lid of the battery compartment and make sure that you have placed the batteries in the correct direction. For this remote control, UM-4, IEC R03 or AAA 1.5 V batteries are suitable.

Do not throw your old batteries into the fire, discard them in a dedicated waste area for this purpose.

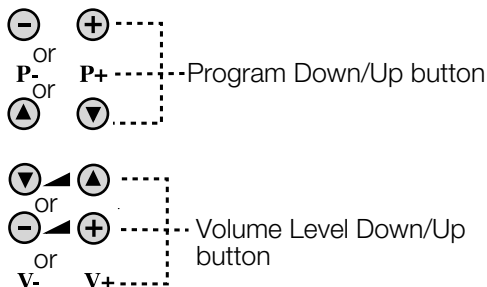
Do not mix used batteries with new ones or different types of batteries together.

The performance of the remote control will be reduced at a distance of 8 metres from or at an angle of 30 degrees beyond the centre of the TV.



5 Your new television has

5.1-TV Control Panel



MENU / SOURCE

Menu button / Source selection button



Power / Standby button



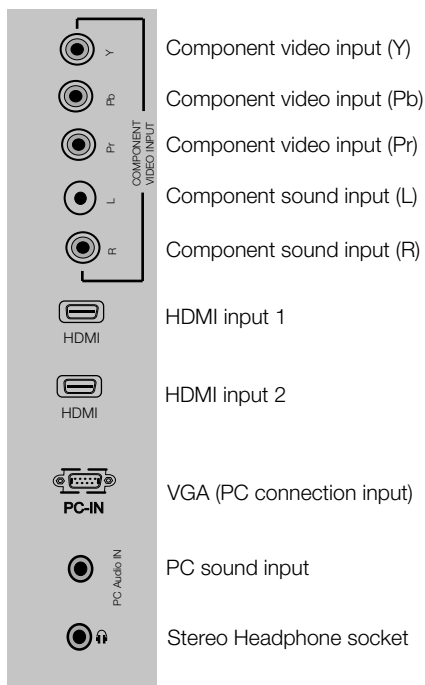
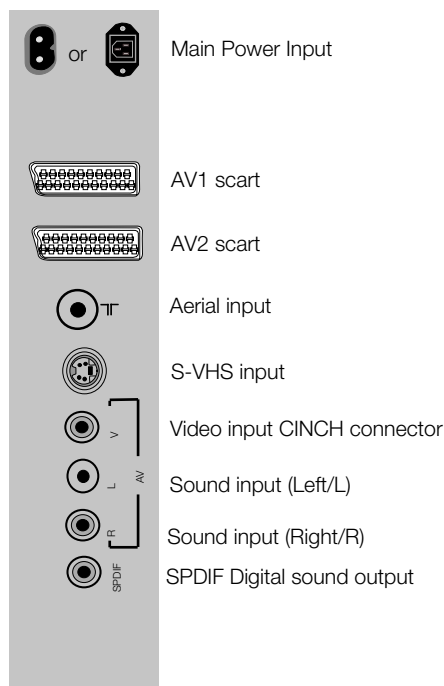
Stand by indicator

Bright light: TV is in Stand-by

Dimmed light: TV is On

No light: Mains lead is not plugged in.

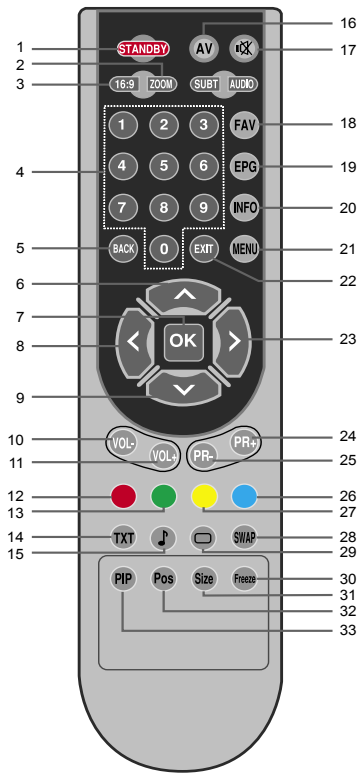
5.2- External Connections



Note:

- Please do not use the Video PHONO and S-Video connection simultaneously, otherwise these two devices might influence the picture quality of one another.
- RGB input via scart offers the best picture quality from non HD Sources.

5.3-External Connections Table



5.4-Remote Control

- 1 Stand-by mode On/Off
- 2 ZOOM mode selection
- 3 Picture Format selection
PAT (Picture and Teletext) Mode
- 4 Numeric buttons
- 5 Return to previous menu
- 6 Up movement
- 7 Confirmation (OK)
- 8 Left movement
- 9 Source selection in PIP mode
- 10 Down movement
- 11 Volume down
- 12 Volume up
- 13 Red teletext
- 14 Green teletext
- 15 Teletext/Mix selection
- 16 Equalizer selection
- 17 Teletext page enlarge (Double)
- 18 AV modes selection menu
- 19 Temporary sound mute (Mute)
- 20 Txt Stop (Hold)
- 21 Txt Question/Answer (Reveal)
- 22 Info/Txt index page
- 23 MENU
- 24 Exit menu
- 25 Right movement
- 26 Source selection in PIP mode
- 27 Program forward selection
- 28 Program backward selection
- 29 Blue teletext
- 30 Yellow teletext
- 31 Last program selection (SWAP)
- 32 Txt Sub page (SUB PAGE)
- 33 Picture Mode selection
- 34 Txt UPDATE
- 35 Freeze Picture
- 36 Time Display
- 37 Change PIP size
- 38 Change PIP position
- 39 PIP selection

Note: When there is no menu open on the screen, up and down movement buttons have the same function with the PR+ and PR- buttons and left or right movement buttons have the same function with the VOL+ and VOL- buttons. Please note on this model there is no Electronic Programme Guide (EPG)

6 Performing the initial power-on settings

6.1-TV controls

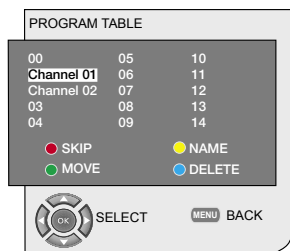
6.1.1-Temporary on/off (STAND-BY)

When you press the red **STAND-BY** button located on the upper right hand side of your remote control while your television is switched on, the sound and the picture will go off. In the stand-by mode, the power indicator of your television will glow brighter. To switch your television back on, either press any numeric button or **PR+ / PR-** buttons.

Caution! If you are not going to use your television for a long time, unplug its power cable from the socket.

6.1.2-Program selection

You may enter whichever program number you would like by pressing the numerical buttons or **PR+ / PR-** buttons on your remote control. To select the programs that are above 9, you can enter the desired program number by using the numerical buttons. For example, to switch to the program number 12, press respectively the numeric buttons 1 and 2 on your remote control. You can perform the program selection also from the Program Table. (See page 12)



6.1.3-Temporary sound mute (MUTE)

To temporarily mute the sound of your television, press the **MUTE** button on your remote control. In that case, **MUTE** symbol will appear on the screen. When you press the same button a second time, the sound will be restored. If you press the **VOL+** button while in the Mute mode, the sound level is increased and the Mute function is cancelled.

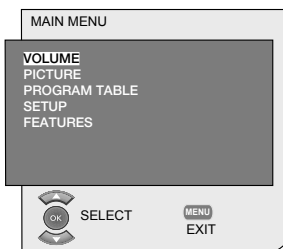
6.1.4-Returning to Selected Program (SWAP)

Allows you to switch between the current program you watch and the last viewed program. For example, if you change the channel to Program 11 while you were watching Program 1, press **SWAP** button to switch back to Program 1. Press **SWAP** button to switch back to Program 11 again. You can also switch between external sources.

PR 01 ➔ SWAP PR 11 ➔ SWAP PR 01

6.1.5-Main Menu

Press the **MENU** button. The Menu including all the setting menus will appear on the screen. Navigate through the Menu titles with the **up / down** movement buttons and press the **OK** button to select the desired menu. If you want to exit the menu in any step, just press the **EXIT** button. Press **BACK** or **MENU** buttons to return to the previous Menu while you are in a sub menu.

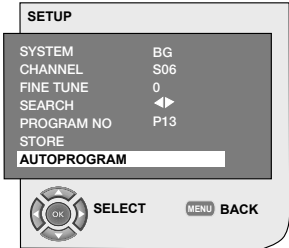


6.2-Automatically tuning and storing the programs on your television

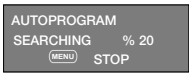
You can either tune the programs automatically or manually and store them in your television.

Note: If your television does not receive any aerial broadcast for a period of 5 minutes, it automatically switches to the stand-by position. The countdown **OSD** is displayed on the screen during the last 1 minute.

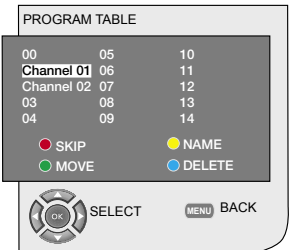
You can tune the programs automatically with the Autoprogram function of your television and then sort the channels as you desire by means of the Program Table. Press the **MENU** button on your remote control. Select **SETUP** by pressing the **down** movement button and confirm your selection with **OK** button. Setup menu is displayed. Select the **AUTOPROGRAM** tab with the **up/down** movement buttons and press **OK** button; the Country selection menu will be displayed. In the Country Selection menu, select your country, whose broadcast you would like to watch in priority, by pressing the **right/left** or **up/down** movement buttons and start autoprogramming by pressing the **OK** button. The channels will be automatically searched and those found will be stored in memory.



At the same moment, the Autoprogram menu will be displayed and a marker indicating the progress of the autoprogramming will appear as shown below.



To stop the process at any given time, please press the **MENU** button. The Program Table, which will allow you to sort the channels as you wish, will be displayed after the auto-search is complete.



6.3-Manually tuning and storing the programs on your television

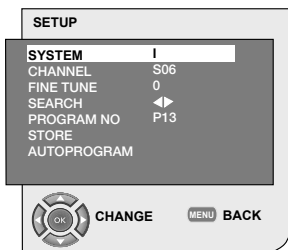
6.3.1-If you already know the channel number:

Press the **MENU** button. Move to the **SETUP** menu by pressing the **down** movement button in Main Menu and confirm your selection with **OK** button. The Setup menu is displayed. Select the system in which you would like to make the search from the **System** tab (for the UK choose I).





Move into **SETUP** by pressing the **down** movement button. Press **OK** on your remote control and select “S” for cable channels and “C” for channels received via the aerial. Move onto the **PROGRAM NO** tab and enter the channel number in which you would like to have the channel stored. If the broadcast



viewed on the screen is of your desired quality, first move onto the **STORE** tab with the **down** movement button to store in the memory the selection you have made and store the channel by pressing the **right** or **left** movement buttons. The prompt **STORED** will be displayed briefly. The channel will be stored according to the program number of your choice. You can tune and store in memory other channels the same way. In the event that you wish to exit the channel settings menu for any reason, simply press the **EXIT** button.

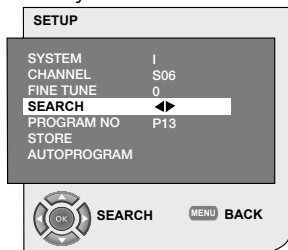
6.3.2-If you do not know the channel number



Press the **MENU** button. Move to the **SETUP** menu by pressing the **down** movement button in Main Menu and confirm your selection with **OK** button. The Setup menu is displayed. Select the system in which you would like to make the search from the **System** tab (for the UK choose I). Move into **SETUP** by pressing the **down** movement button. Press **OK** on your remote control and select “S” for cable channels and “C” for channels received

via the aerial. Select **SEARCH** tab using the **up/down** movement buttons, and scan the channels in ascending order

with **Right** movement button and in descending order with **Left** movement button. If the channel that is found is of your liking, select the **STORE** tab and press the **right** or **left** movement button to store in the memory. Repeat the same procedure for other channels by selecting the program number of your choice from the **PROGRAM NO** tab. If the channel you found is not of the

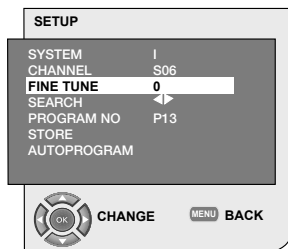


desired quality and requires Fine Tuning or if you would like to rename the channel, refer to the relevant sections.

6.4-Fine Tuning



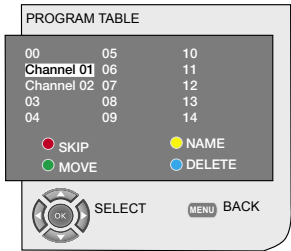
If the channel you found is not of the desired quality and requires Fine Tuning, then select the **FINE TUNE** tab by pressing the **downward** movement button in the Setup menu. Using the **right-left** movement buttons on your remote control, adjust the broadcast displayed on the screen to your desired quality. Under normal circumstances, you will not require to use the Fine Tune function. The AFC values of your television will automatically adjust and lock themselves to the channel. However, you might need it in case the television transmitters do not operate according to the standards. To store in the memory, the settings you have made, select the **STORE** tab and press the **right** or **left** movement button.



6.5-Program Table

Press the **MENU** button. Move to the **PROGRAM TABLE** tab by pressing the **down** movement button in Main Menu and confirm your selection with the **OK** button. Program Table menu will be displayed.

6.5.1-Switching the locations of the stored channels:



Select the program you would like to relocate by pressing the **up/down** or **Right/left** movement buttons. "Press the **"GREEN"** colored button. Green will blink. Move to the other program you would like to relocate by pressing the **up/down** or **Right/left** movement buttons. "Finish the relocation process by pressing the **"GREEN"** colored button.

The channel in the first program number you selected has been moved to your second selected program number and the channels between both program numbers have been shifted to the initially selected program number. After setting is complete, press the **EXIT** button to exit the menu.

6.5.2-Deleting a stored channel:



Select the program you would like to delete by pressing the **up/down** or **right/left** movement buttons. "Press the **"BLUE"** colored button. The blue button on the menu will blink for approval. "You may perform the deletion process by pressing the **"BLUE"** button or you may abort the deletion process by pressing the **MENU** button. "Once you pres the

"BLUE" button, the selected program is deleted and the following channels are transferred to after this program number. After setting is complete, press the **EXIT** button to exit the menu.

6.5.3-Skipping a stored channel:



In the event that you do not wish to see certain programs while navigating through the channels using the **PR+/PR-** buttons, then you can use this function. Select the program that will be hidden by pressing the up/down or **right/left** movement buttons. "Press the **"RED"** colored button. The name of the program to be skipped shall appear in red. You may perform this procedure for more than one program. To view the skipped program, directly enter the program number using the numeric buttons. To cancel the program skipping process, press again the **"RED"** coloured button. After setting is complete, press the **EXIT** button to exit the menu.

6.5.4-To name the channels

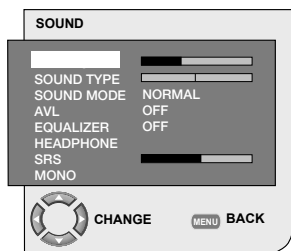


You can assign your program or programs of choice the names that have a maximum of five characters. Select the program you would like to name from the Program Table by pressing the **up/down** or **right/left** movement buttons. "Press the **"YELLOW"** button. An empty space appears beside the channel for which you would like to specify name information. Here, choose the desired letter, number or sign using the **up/down** movement buttons. For the second character, press the **right/left** movement button and then select the desired letter, number or sign again with the **upwards/downwards** movement buttons. After entering all the characters, store the name you have written in the memory by pressing the **"YELLOW"** button. To write names for any of the other programs, simply repeat the above procedure. If you want to exit the menu, simply press the **EXIT** button. If the program is not named, then the relevant channel number will be displayed automatically.

7 The settings on your new television:

7.1- Sound menu settings

You may perform volume settings by using the “**V+**” or “**V-**” buttons on your television or the “**VOL+**” / “**VOL-**” buttons on your remote control. You can perform other Sound settings by entering the Sound menu. For this, press the **MENU** button on your remote sound level. Select **SOUND** by pressing the **up/down** movement buttons from the main menu and press the **OK** button. The Sound menu is displayed. In this menu, you can select one of the titles for which you would like to perform an operation.



7.1.1-Balance

To adjust the sound balance between the right and left loudspeakers to the desired level, select the balance tab in the volume menu by using the **down** movement button. Using the **right/left** movement buttons adjust this option to the desired level.

7.1.2-Sound type

The program you watch may be broadcast in stereo or in two different languages. Using the **right/left** movement buttons in this menu, you can select Mono/Stereo or Dual-I/Dual-II languages.

7.1.3-Sound Mode

Sound mode can be set as **NORMAL**, **SPATIAL** or **SRS** by means of direction buttons. Spatial option gives depth to the sound of the program. Options in

the SRS menu become active when the SRS function is selected.

Note: SRS menu will not be active if the SRS is not selected from the Sound mode tab.

7.1.4-AVL (Automatic Volume Limiting)

Television transmitters have different sound levels. This can be noticed from the different volume levels that can be heard while switching from one program to another. Using the **right/left** movement buttons, select **ON**. The AVL (Automatic Volume Limiting) function maintains the same sound level as you switch from program to program. Select **OFF** to cancel it.

7.1.5-Headphone

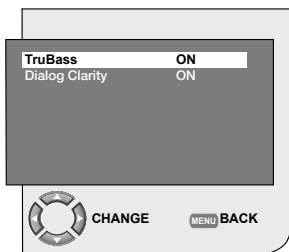
By connecting headphones to your television you can listen to the program sounds independently from your television. To turn up and down the headphone volume level, select **HEADPHONE** tab from the Volume menu and adjust the volume level by using the **right-left** movement buttons. When you want to hear the sound from the headphone only, just press the **MUTE** button on your remote control.

7.1.6-SRS TruSurround Sound

This is the virtual sound technology. With TruSurround, 6 different channels of the digital sound are processed in two channels and conveyed to the audience through two speakers. TruSurround system is used to create a virtual surround sound effect where there is no 4.1 or 5.1 speaker systems.

SRS  **TruSurround is a registered trademark of the SRS Labs. Inc.**

TruSurround XT technology is covered under the license of SRS Labs. Inc.



7.1.6.1-TruBass

TruBass system is a signal processing technology that reinforces the bass sounds.

7.1.6.2-Dialog Clarity

This feature enhances the understandability of the speeches in dialogues.

Note: When the SRS is set to ON, AVL and EQUALIZER functions will automatically be set to Off.

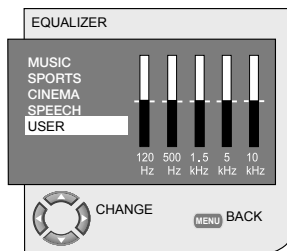
7.1.7-Equalizer

Select the **EQUALIZER** tab in the Volume menu and confirm with the **OK** button. The Equalizer menu is displayed. Using the **right/left, up/down** movement buttons, you may select either one of the preset **Music, Sports, Cinema** and **Speech** options which enhance the sound effect depending on the feature of the program you are watching or the **USER** option which you can adjust as you desire. To adjust the User option, select **USER** and press the **right** movement button. You can adjust the frequency levels with the **up/down** movement buttons. You can select one of the **120Hz, 500Hz, 1.5KHz, 5KHz** and **10KHz** frequency bands with **right** and **left** movement buttons. Press the **MENU** button to store the settings and exit the user option. You may exit the equalizer menu by pressing the **MENU** button again.

Note: You can select the equalizer options directly by pressing the (J) button on your remote control.

7.1.8-Dynamic Bass:

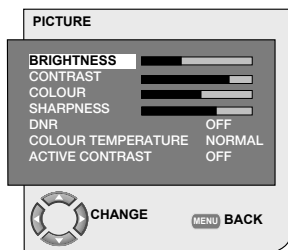
Dynamic Bass, makes the bass content



of the music clearer throughout the volume level range. When the volume is set to a lower level, bass frequencies at the lower end generally disappears. Dynamic Bass feature, that reinforces the bass levels can be used to avoid this.

7.2-Picture Menu Settings

7.2.1-Picture Menu



You can perform other picture settings by entering the Picture menu. For this, press the **MENU** button on your remote control. Select **PICTURE** by pressing the **up/down** movement buttons from the main menu and press the **OK** button. The Picture menu is displayed. You can select the desired title to be processed from this menu. You can select the desired setting by pressing the **up/down** movement buttons and adjust their levels with **right/left** movement buttons. **BRIGHTNESS, CONTRAST, COLOUR** and **SHARPNESS** levels can be set as desired. The changes you have made in the picture settings will be stored in the memory without requiring any other operations.

7.2.2-DNR (Noise reduction)

You may reduce interference and noise formed in the picture by using this feature. Select **DNR** tab in the Picture menu with the **up/down** movement buttons to activate this feature and select one of the **OFF**, **LOW**, **MID**, **HIGH** or **AUTO** options with **right/left** movement buttons.

7.2.3-Color Temperature

You can adjust the color temperature with this feature. Move to the Color Temperature tab in the Picture menu by pressing the **up/down** movement buttons and select **WARM**, **COOL** or **NORMAL** by pressing the **right/left** movement buttons.

7.2.4-Active Contrast



This feature allows making brightness settings according to the picture. A brighter or dimmer picture can be sent to the screen according to the brightness level of the picture. Thus, a wider effect is obtained in terms of contrast.

7.2.5-MPEG NR


You may remove the artifacts that appear in the picture as square shaped blocks by using this feature except in the Tuner mode. Select **Mpeg DNR** tab in the Picture menu with the **up/down** movement buttons and select one of the **OFF**, **LOW**, **MID** or **HIGH** options with the **right/left** movement buttons.

Note: MPEG NR feature can be activated for external sources except the Tuner mode.

7.2.6-Picture Smart

 You can select either one of the three non-adjustable settings in the memory or one of the **user** options by pressing the “” button on your remote control. **SOFT**, **NATURAL** and **RICH** are default values; **USER** represents the values you stored in memory.

7.2.7-Picture Format

 With this option, you can view the broadcast you watch in a format of your choice. You can view the broadcasts in **AUTO**, **16:9**, **14:9**, **4:3**, **LETTERBOX**, **SUBTITLE** formats. 16:9

or 4:3 formats can be selected in **PC** modes. In that case, the name of the selected picture format will be displayed in the centre of the screen.

7.2.7.1-Tint

When **NTSC** video is input via Scart, you may make Hue settings. The tint option is not seen in the menu when you have not input this type of a video. When a **NTSC** video is connected via the Scart, this option becomes active and it is available in the menu.

7.2.7.2-Auto

Some movie channels may broadcast in the 16:9 format. If you would like to see this format automatically, then select **AUTO**. In that case, **AUTO 16:9** appears on your screen.



7.2.7.3-16:9

Please use this setting for watching wide screen **DVDs**, wide screen video cassette or 16:9 formatted broadcasts. Since various screen formats such as 16:9, 14:9 and etc. are used, black stripes might be formed on the lower and upper parts of the screen.



7.2.7.4-14:9

This is a movie format.



7.2.7.5-4:3

Use this setting to watch the broadcasts in the 4:3 format.



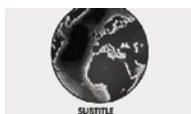
7.2.7.6-Letterbox

While watching a “16:9 or Cinemascope formatted” film or video cassette, this setting will eliminate or minimize the black stripes on the background by zooming in the picture without diffusing it.



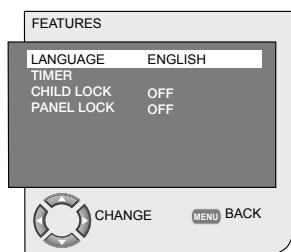
7.2.7.7-Subtitle

If the subtitles are transmitted in the "16:9 formatted" broadcast, then this setting will push the picture upwards in order to ensure the entire written text is seen.



7.3-Features menu settings

Press the **MENU** button on your remote control. Select **FEATURES** tab by pressing the **up/down** movement buttons and press the **OK** button. The Features menu is displayed. You can select the titles for which you would like to perform an operation in this menu by using the **up/down** movement buttons.

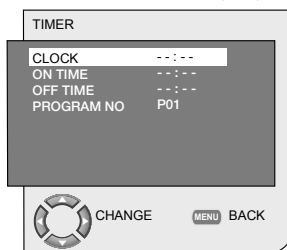


7.3.1-Language

Select Language by using the **right/left** movement buttons and select the language of the desired country. All the setting displays of your television will be shown in the language that you selected.

7.3.2-Timer

Your television is equipped with the feature of being able to be turned off and on at periods that you specify. Select **TIMER** by pressing the **up/down** movement buttons and press the **OK** button in order to have your TV turned off at the end of a desired period. The Timer menu will be displayed.



Time data is obtained from Teletext; if no time data is available then select **TIME** with the **up/down** movement buttons and enter the current time with numeric buttons. Select the **ON TIME** and **OFF TIME** in the same manner and specify the time. Enter the program number from which you would like the TV to be turned-on to or enter the external source input in the **PROGRAM NO** tab. At the end of the time you specified, your television will automatically switch to stand-by. If the on time for TV is specified in the Menu, the TV will switch to the selected program at that time; if the TV is in standby mode, then it will be turned on with the selected channel.

7.3.3-Child Lock

If this feature is turned **On**, the program currently being watched becomes locked, the image and sound goes off and the locked symbol appears on the upper left corner of the screen. The locked channel is skipped when you channel search with **PR+**, **PR-** buttons.

7.3.4-Panel Lock

If this feature is turned **On**, the control buttons on your LCD television will be locked and will not function. They will be active again when the feature is turned Off.

7.4-Other picture features

7.4.1-Zoom



Press the **ZOOM** button on your remote control while watching a channel to activate this feature. During the zooming process, the image is zoomed in in three stages oriented to the centre. To move the picture in this mode, you can use **up/down** or **right/left** movement buttons of your remote control.

Note: Zoom mode does not function with COMPONENT/HDMI/

PC inputs. Zoom mode is aborted when the channel is changed or Teletext is activated.

7.4.2-Freeze (Freeze picture)



You may freeze the program picture you are watching with this feature. For this, press the **FREEZE** button on your remote control.

The program picture will freeze until the same button is pressed a second time.

7.4.3-Using PIP Feature (Picture in Picture)

Press the **PIP** button on your remote control. PIP screen is displayed.

Depending on the selected source, a window will be opened in the main picture and a sub screen will be displayed. You can switch to PAP mode by pressing the **PIP** button again. You can use right/left buttons to change the source in the PIP screen when you are in the PIP or PAP mode. You can use up/down buttons to change the channels.

Note 1: Two different channels from the Tuner can not be viewed in the PIP screen. Only the broadcast from the external source can be viewed in the PIP screen.

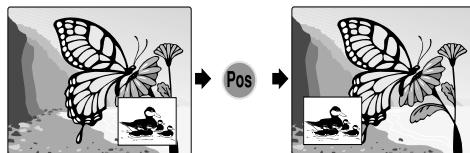
Note 2: Since the external sources such as satellite receivers focus on single channel and transmit it to the TV although they can receive many channels, other channels that are received by similar devices can not be displayed on the POP screen.

Note 3: HDMI2 can not be selected in the PIP screen when HDMI1 is displayed on the main screen.

Note 4: Right and left movement buttons do not control the volume in PIP, PAP and PAT modes. They can only be used to change the source.

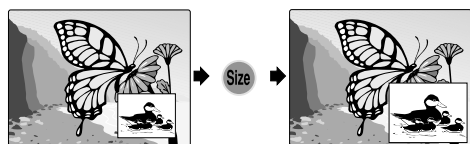
7.4.3.1-PIP Position

With this option, you can change the display position of the PIP screen. You can change the position of the PIP screen in clockwise by pressing the **Pos** button when there is a PIP picture on the screen.



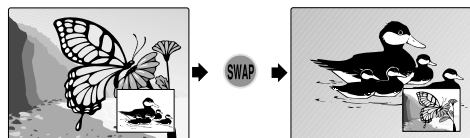
7.4.3.2-PIP Size

With this option, you can increase and decrease the size of the PIP window. You can change the PIP size by pressing the **Size** button when there is a PIP picture on the screen.



7.4.3.3-Switching the locations of the Main screen and PIP screen

When a sub window is open in front of the main window, you can switch the locations of the main window and sub window by pressing the **SWAP** button on your remote control.




7.4.4-PAT Mode

With this feature, you can follow the teletext broadcasts simultaneously with the current program, provided that the current program contains teletext broadcast. For this purpose, press **TXT** and then **16:9** buttons in a channel with teletext broadcasting. Thus, the screen will be split into two with the left pane showing the currently watched program and the right pane will show the Teletext at the same time. In the event that you wish to exit the PAT mode for any reason, simply press the **16:9** button.

8 Teletext


To be able to receive a quality teletext broadcast, a good aerial system and a broadcast signal that is not weak, with no reflections and interference from other channels are required. Even in a very clear reception, it is normal for some characters or tabs to be lost. Such conditions will automatically be improved in a short time under normal circumstances.

8.1-Entering the Teletext Mode

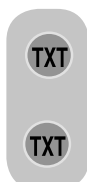
 In a channel that does not have the Teletext feature, **"NO TEXT"** will be displayed when you press the **TXT** button. In order to switch your television to the teletext broadcast, please press the **TXT** button in a program that has a teletext broadcast. To switch back to the television broadcast, press the same button twice. Once you have switched to the teletext broadcast, the initial page that appears will be the index page.

P100 In this page, the titles of the topics in the teletext broadcast and the initial page numbers will appear.


8.2-Page selection

 To be able to view the page you would like on the screen, type in the number of that page using the numerical keys. You can see the number you have entered on the left side of the upper title tab. When you would like to turn the pages one by one, you can go to the next page pressing the **up** button and to the previous page pressing the **down** button. Press the **INFO** button to return to the Index page.


8.3-Teletext Image in the TV Picture (MIX)

 With this feature, you can view the teletext information and the TV broadcast together. Thus, you can follow the teletext broadcast of the channel while you watch the TV broadcast. To do this, press **TXT** button in a channel with Teletext broadcast.


8.4-Page Enlarge Button (DOUBLE)

 Using this button, you can watch the top half of the teletext page in an enlarged format. To be able to view the bottom half of the enlarged page, press the same button for the second time. Once you press the same button the third time, the page will be restored to its normal size.

8.5-Page Stop (HOLD)

 Some information is laid out by the broadcaster in multiple pages and it is broadcast in an automatic cycle mode. For example, on a text of four pages, the pages are indicated with the figures 01, 02, 03 and 04 on the bottom of the page. To view one of these pages for a longer time, press the **FAV** button. When you press the same button again, the cycle continues.

8.6-Subpage selection (SUB)

 If the page of text you are viewing contains sub pages the page numbers starting from 01 appear on the screen. You can switch to the sub pages with the **SWAP** button. In which case, the sub page tab is displayed on the bottom line within **"red -"** and **"green +"** frames. You can select the subpages by pressing the **"RED"** and **"GREEN"** buttons. You can exit the subpage by pressing the **SWAP** button again.

8.7-Temporary TV Picture (UPDATE)



This button allows you to switch to the television picture while the page you want is being searched in the teletext broadcast eliminating the need to wait during the search. You may switch to the television picture by pressing the (TV)

button while Teletext is searching for your desired page. Once the page you want is found, the number of that page appears on the screen.

8.8-Question - Answer Button (REVEAL)



Sometimes, a teletext page contains a hidden answer such as a game or a riddle. Press the **EPG** button to disclose the hidden answer.

8.9-Clock



The Clock function of the **SIZE** button; press the **SIZE** button when you want to see the time while watching any television channel. In that case, a clock will appear on the lower right corner of the screen. You can

remove the time information from the screen by pressing the same button.

Note: When the PIP mode is on, time is not displayed because **SIZE** button changes the PIP dimensions.

8.10-Fasttext

Coloured buttons on the remote control are for the fasttext feature. When you select any page, the titles on various subjects may appear on the screen in four different colors or inside colored frames (red, green, yellow and blue). By pressing the button pertaining to the relevant color on the remote control, you can access the subject of your choice without waiting.

9 External equipment connection:

You can connect various compatible audio and video devices to your television.

AV Inputs: Press the **AV** button on your remote control. The Source menu, where you can select the access mode will be displayed. Here, you can select the desired input.

TV: While in the AV modes, move onto this option and press **OK** button for switching to the TV mode.

SCART 1: To watch the picture of the broadcast device connected to Scart1, move onto this option and press the **OK** button. (You can watch via this Scart if the connected device has a RGB output).

SCART 2: To watch the picture of the broadcast device connected to Scart2, move onto this option and press the **OK** button.

SCART 2S: If there is a picture signal from Scart 2 in Y/C format, then move onto this option in AV menu and press **OK** button.

AV : To watch the picture of the broadcast device connected using the RCA (Cinch) input, move onto this option and press the **OK** button.

SVIDEO: To watch the picture of the broadcast device connected using the S-Video input, move onto this option and press the **OK** button.

PC: To be able to watch the images in PC mode, move onto this option and press the **OK** button.

HDMI 1: To be able to watch the image when a connection is made via the HDMI 1 socket, this option must be selected.

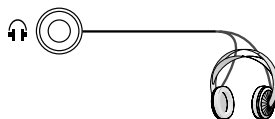
HDMI 2: To be able to watch the image when a connection is made via the HDMI 2 socket, this option must be selected.

YPBPR (Component Input): To be able to watch the image when a connection is made via this socket, this option must be selected.

Headphone connection

The headphones must have impedance between 8 and 32 ohms and have a 3.5 mm stereo jack plug. Plug the headphone jack into the headphone socket of the TV.

Note: Press the mute button to mute the TV speaker's.



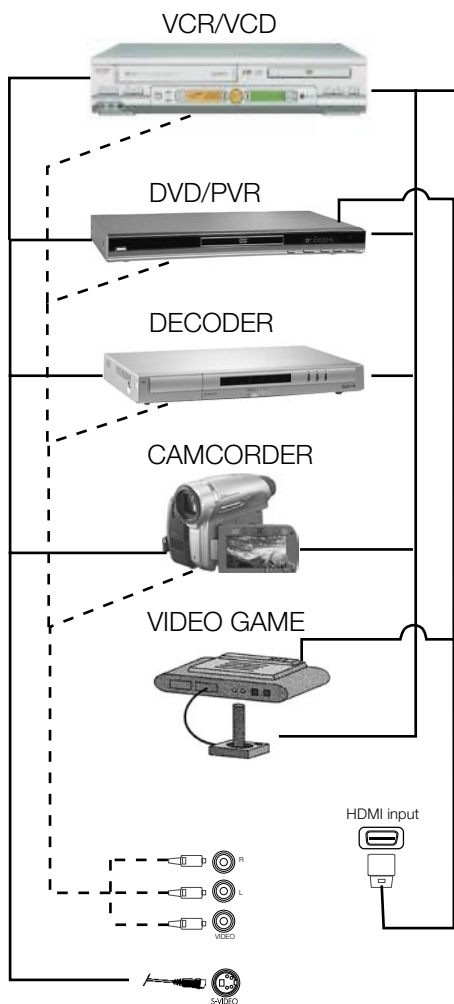
High Definition - HD ready



This TV is HD Ready. This means that you can view high quality HD pictures via the HDMI socket or component in when using an HDMI source such as an HDMI DVD or SKY HD BOX.

9.1-Connection types for external devices

SCART SOCKET



Your TV is equipped with 10 inputs including aerial input, which allows for the external device connection. These inputs are:

- 1-Aerial input
- 2-SCART 1 input
- 3-SCART 2 input
- 4-SCART 2S input
- 5-AV (PHONO) input
- 6-S VIDEO input
- 7-PC input
- 8-HDMI 1 input
- 9-HDMI 2 input
- 10-YUV Component input

AV You can connect your external device supporting the suitable inputs to your TV via these inputs. By pressing the **AV** button on your remote control, select the external source input to which you connected your device.

9.2-PC MODE

Your LCD television can also be used as a PC monitor since it also allows the VGA inputs.

9.2.1-PC Connection:

Connect the D-Sub15 connector to the PC-IN input on the of your television using a suitable cable (not supplied with the television). Again using a suitable cable, you can also listen to the sound from your PC by connecting the sound output of your PC to the PC AUDIO-IN input on the rear of your television.

9.2.2-Switching to the PC Mode

For your LCD-TV to switch to the monitor (PC) mode, press the **AV** button on your remote control. The AV menu appears on the screen. Select **PC** by pressing the **up/down** movement buttons and press the **OK** button.

Note1: In HDMI mode; Some resolutions are supported when a DVI to HDMI converter cable from a PC is used.

Note2: With some video cards, when the PC is connected to the TV set with a HDMI cable, LED will be on if the PC is on even if the TV is turned off.

9.2.3-PC Setting

Enter into the **SETUP** menu from the Main Menu by pressing the **MENU** button in the PC mode. In order to make the necessary settings in this menu, you can use the **right-left, up-down** movement buttons on your remote control. You can make the following settings for your monitor in this menu.

9.2.4-HORIZONTAL POS: Horizontal position setting

9.2.5-VERTICAL POS: Vertical position setting

9.2.6-CLOCK

This is the pixel clock frequency. User can narrow down or enlarge the display by selecting a desired value.

9.2.7-PHASE

Using the **right/left** movement buttons, you can ensure that the colors and shapes are exactly consolidated on the PC image.

9.2.8-AUTOCONFIGURATION

The most suitable geometric settings in accordance with the entry mode are configured by this function. For this operation, select the **AUTOCONFIGURATION** tab and press **OK** button. You can adjust the volume level of the source you have connected to the Audio-In input at the back of your TV by using the **VOL+ / VOL-** buttons.

9.2.9-PICTURE FORMAT

You can select the PC image to be displayed in 16:9, 14:9 or 4:3 formats.

Note 1: In the Monitor mode, you can make the Brightness, Contrast, Sharpness, Red, Green and Blue Settings from the **PICTURE** menu.

Note 2: Some artifacts may appear in the main screen when the PIP picture is opened at high resolutions in the PC mode.

Switching to the HDMI Mode

Connect to the HDMI input at the back of your TV by using the connector located on your PC or your digital video-transmission device with a suitable cable (not supplied with the TV).

Note 1: To be able to watch an image in the HDMI mode on your Computer, it must be equipped with a HDMI graphic card.

You may display the resolution information by pressing the **INFO** button.

Note 2: Scart1 To connect a RGB-supported external device to your television, you must use a Scart cable supporting RGB. If your external device is supported in that case, you can set the output as RGB.

HDCP

Your TV supports HDCP feature. To use this feature, you must set up a connection to your TV set's HDMI video port and select HDMI by pressing the **AV** key on your remote control.

10 Help and tips

The television does not function

Make sure that the mains lead of the television is connected to the mains and the power on-off switch is turned on.

Poor picture quality

- Is the aerial cable connected?
- If you are using a satellite aerial, has the aerial been adjusted to receive broadcast in the best way?
- Make sure that the aerial is far from devices that emit electromagnetic waves. (Neon lights, loudspeakers etc.)
- Try changing the direction of the external aerial. High buildings and mountains can cause a faded picture or ghosting (double picture).
- The picture quality can be affected when two external devices are connected. Try disconnecting one of the devices.
- Try adjusting the fine tuning.

No picture

- Is the aerial connected correctly?

- Is there any damage to the aerial cable?
- Are the plugs on the aerial cable connected correctly?
- Are you sure that you have pressed the correct button on the remote control?

No sound

- Temporary sound mute may be on. Try pressing the mute button.
- Is the sound turned down?

The remote control does not function

- Try replacing the batteries.
- Make sure that there are no obstructions between the remote control and television.

If your television does not work properly even though you tried the above mentioned solutions, try turning it on and off again. If you cannot start your television even though you have applied all noted methods, refer to the dealer from where you purchased the product

Symptoms	Solution											
	Turn on the power on/off switch	Turn on another channel, the broadcast may be distorted	Check the antenna connection	There may be a break in the antenna cable	Change the antenna direction	There may be a regional problem in the broadcast	Fine tuning may be required	Brightness setting may be required	Contrast setting may be required	The channel may not be broadcasting in colors	Color adjustment may be required	Check the batteries
No picture and sound	✓	✓	✓	✓			✓					
No sound, picture available		✓			✓		✓					
No picture, sound available		✓	✓	✓	✓		✓	✓				
Low quality picture		✓	✓	✓	✓		✓					
Foggy picture		✓		✓	✓		✓					
Double picture		✓	✓	✓	✓		✓					
Line on the picture		✓		✓	✓	✓	✓					
Distorted picture		✓		✓	✓		✓					
Distorted broadcast on some channels		✓	✓	✓	✓	✓	✓					
Horizontal lines exist				✓	✓	✓						
Vertical fluttering in the picture		✓		✓	✓							
Weak color		✓	✓	✓	✓	✓	✓	✓	✓		✓	
No color		✓	✓	✓	✓		✓			✓	✓	
The remote control does not function												✓
TV does not respond to the commands												✓
Fluttering in the teletext												✓

11 Technical specifications chart

SCREEN SIZE	40"
Panel type	40", 16:9 Active matrix TFT
Sound output	2x10 W
Power consumption	240 W
Stand by power value	<2,5 W
Teletext page	250
Loudspeaker impedance:	16 Ohm

General technical specifications

Power supply AC:

Program memory:

RF Aerial input:

Sound systems:

Batteries:

Channels received:

230V 50 Hz

100

75 Ohm (Co-axial)

Mono/Stereo/Nicam

2xUM - 4, IEC R03 or AAA 1.5V

VHF (Band I Channel 2-4)

VHF (Band III Channel 5-12)

UHF (Channel 21-69)

Cable TV (S1-S20/S21-S41)

PAL BG

PAL SECAM BG

PAL SECAM BG DK

PAL SECAM BG LL'

PAL I

Broadcasting systems received:

Note 1: Your television has been manufactured in accordance with the system available in your country and this system cannot be changed by the user except as described below: In countries where BG/DK and BG/LL' broadcasts are made (BG or DK / BG and LL'). For further information, see the settings section for your television.

