Goodmans

GTVL37W37PHF

LCD Television

Instruction Manual

TABLE OF CONTENTS

1   Important Information

LCD panels are produced with state-of-the-art technology. However, there may be missing or lit spots on the screen under certain circumstances. That does not mean that the product is faulty.

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.

1.3-Superior features of your integrated digital television

This television can receive all Freeview Digital and normal Analogue TV broadcasts. This television set has an integrated digital and analog receiver. TV Guide (valid for digital broadcastings only) informs you about changes in the program list briefly and provides program lists of all digital broadcastings for a number of forthcoming days. You can display detailed information about each program by pressing a single button if this feature is supported by the broadcasting enterprise. This television has a comprehensive and user friendly menu configuration.

1.4-Receiving digital broadcasting channels

To receive trouble free digital TV reception it is essential that a good quality high gain wide band digital TV aerial is used. The aerial preferably is to be roof mounted and not placed in an attic as this will cause a loss of signal.

2   Features of your new television

We would like this product, which has been manufactured in modern facilities in accordance with total quality principles, to offer you the best performance. Therefore, please read this entire manual carefully before you use your TV and keep it in a safe place for future reference.

2.1-Special Features

- Compatible with cable broadcasts
- Wide angle of vision
- PIP (Picture in Picture) from AV
- Scart socket, AV Socket and external sound system connection
- S-VHS and Cinch inputs for S-Video connection
- PC connection, 2-HDMI 1.3 input
- Low energy consumption
- AVL
- SRS TruSurround sound
- DNR and MPEG NR
- 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
- Active Contrast
- On-screen viewing of all settings, program numbers and all the processes
- Manual Fine Tuning
- 100 Analog Program memory
- 1000 Digital channel memory
- Infrared remote control equipped with all functions
- Parental Control
- Feature of viewing the NTSC broadcast via Scart input
- Easy performance of the processes with the advanced menu system
- 4:3, 16:9, 14:9 Letterbox, Subtitle and Panorama picture formats
- 8-day EPG (Electronic Program Guide)
- List of 6 favorite channels in digital mode
- MHEG 1.06
- CI slot input
- HDCP feature
- HD-Ready
- Full HD

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

3 | Important Safety Instructions

⚡ This symbol is used to warn the user about the "dangerous voltage" contained inside the housing of the product that may create a risk of electrical shock.

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

1) Please **READ** the operating instructions before using the device 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 device components) have been made properly and in accordance with the manufacturer's instructions. Before making or changing the connections, power off the device and unplug the mains connection plug.
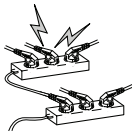
5) If you have any doubts regarding the installation, operation or safety of the device, please **REFER** to the vendor.

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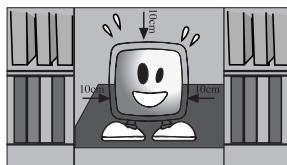
8) DO NOT COVER the ventilation openings of the device with items such as newspapers, table-clothes, curtains, etc. Overheating causes damage and shortens the service life of the device.

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 device 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.
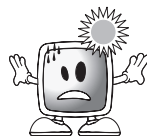
10) Never operate electrical devices close to water. Operating such devices, for example, near a bathtub, washbasin, kitchen washbasin, washing basin, wet basement and swimming pool can cause fire or electric shock.
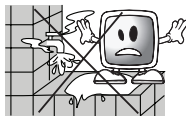
• Do not allow your TV to get wet. Never pour any liquids onto the TV. Do not operate your TV if any solid or liquid substance enters into it. This can cause electric shock and your TV may be damaged. Have it checked immediately by qualified personnel.
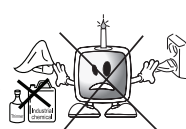
• Keep open flame sources (such as candles) away from TV in order to avoid risk of fire.
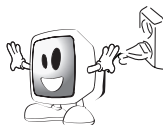
11) DO NOT USE headphones at extremely high volume levels since this may cause permanent loss of hearing.

12) Operate your TV only in the 230 V 50Hz voltage range. Use the AC power cable supplied with the product. If your TV is a grounded (Class l) product, then it must certainly be connected to a grounded socket.

• **The socket into which you plug in the AC power cable or the adaptor must be within easy reach.**
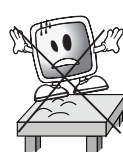• **Unplug the device in order to disconnect it from mains power.**

Note: If your device has an adaptor, then use the adaptor and AC power cable supplied with your product. 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 arching. Refer to an electrician to have your socket replaced.

13) Make sure that the power cable is not stepped on and that there is no bending at the plug sections, plug heads and device output point.

14) Use only the add-ons/accessories specified by the manufacturer.

15) Use only together with the carts, bases, tripods, brackets or stands specified by the manufacturer or sold along with the product. When using a cart, pay attention that it won't overturn while carrying the cart/device combination and cause injuries. The device must be fixed to the floor or wall as indicated in the installation instructions in order to avoid any possible damages. Place your device on a level surface.

16) Unplug the power cable during thunderstorms or when you will not use your device for a long period of time.

**17)** Consult authorised service personnel for service requirements. Never attempt to repair the device yourself. Opening the cabinet can expose you to dangerous voltages or other hazardous situations. Service is required in situations such as damage to the power cable of the device 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 gasoline for cleaning. Unplug the AC power cable from the socket when cleaning the TV. Otherwise, there is the risk of electric shock.
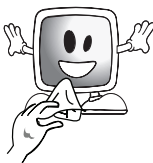
19) Do not dispose of the batteries in fire.
• Do not short circuit, dismantle or overheat the batteries. **There is the risk of explosion if the batteries are not replaced correctly. Replace only with the same or equivalent type batteries.**
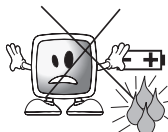
20) Disposing of the exhausted batteries:
• Dispose of the exhausted batteries in accordance with the local laws and regulations in order to protect our environment.

21) Do not dispose of your TV with regular household waste. Observe local laws and regulations for disposal.
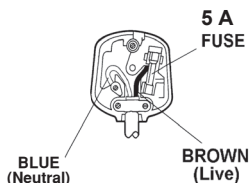
Note 1: This is a Class A product. During operation, the device can cause radio interference. In this case the user may have to remedy this. Please contact your specialist dealer.

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

IMPORTANT

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

5 A FUSE

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 apporoved 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
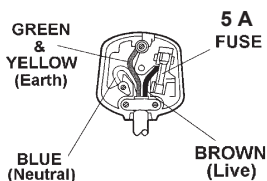
GREEN & YELLOW (Earth)   **5 A FUSE**

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 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.

4 Start

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

Contents of the box
Power cable
Remote control
2 batteries
Note: Scart, HDMI, VGA and RCA cables are not supplied with the device.

4.1-Aerial connection
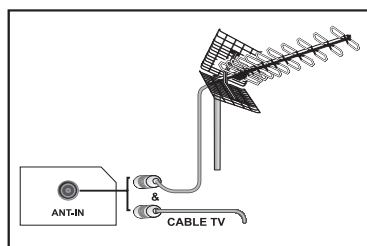
4.2-Powering on your TV and the initial use
1. Insert the power cable into the power supply input located on the back panel of the LCD TV.
2. Insert the power cable plug supplied with the device into the mains socket.
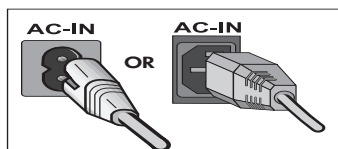
Not 1: Your TV will switch to the **STANDBY** mode in five minutes if there is no broadcast signal from the aerial.
Note 2: Your TV is equipped to operate with TV buttons in case your remote is broken or the batteries are exhausted.

 3. To power on your television, press any numerical key or **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.

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

Initial power on and performing 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 meters from or at an angle of 30 degrees beyond the centre of the TV.
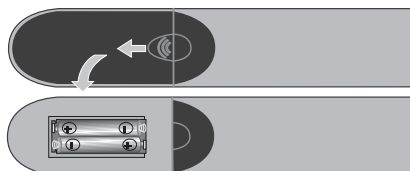
5 Your new television

5.1-TV Control Panel

PR

 Program Down/Up button

&

 Volume Level Down/Up button

Menu button / Source selection button

 Stand by indicator

On-Off / Standby button
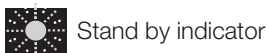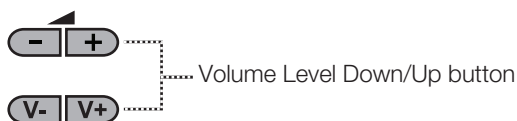
Bright light: TV is in Stand-by
Dimmed light: TV is On
No light: Power Cable is not connected.

5.2-Rear and Side External Connections

1-PC audio input
2-VGA (PC connection input)
3-Antenna input
4-SPDIF Digital audio output
5-Component video input (Y)
6-Component video input (Pb)
7-Component video input (Pr)
8-Component audio input (L)
9-Component audio input (R)
10-HDMI 1 input
11-HDMI 2 input
12-Power input
13-Stereo Headphone socket
14-S-VHS input
15- Video input CINCH connector
16-Sound input CINCH connector (Left/L)
17-Sound input CINCH connector (Right/R)
18-CI slot input
19-AV1 scart
20-AV2 scart

Please see Technical Specifications Table on page 31 for the available external connections on your television.

• Please do not use the video RCA and S-Video connection simultaneously, otherwise these two devices might influence the picture quality of one another.

5.3-Remote Control

STANDBY	Stand-by mode On/Off button
🔇	Temporary sound mute (Mute) button
AV	AV modes selection menu button
16:9	Picture Format selection button PAT (Picture and Teletext) Mode
ZOOM	ZOOM mode selection button
SUBT	Subtitle selection button (D)
AUDIO	Not used on this model (D)
1 ... 0	Numeric buttons
FAV	TV, Radio, Data, Favorite channel selection button (D) Page Stop button in Txt mode (Hold)
EPG	EPG selection button (D) Question/Answer button in Txt mode (Reveal)
INFO	Information button Index page button in Txt mode
MENU	MENU button
EXIT	Exit menu button
BACK	Return to previous menu button
∧	Up movement button (Menu) Next page selection button in Txt mode
∨	Down movement button (Menu) Previous page selection button in Txt mode
<	Left movement button (Menu) Change source in PIP mode button
>	Right movement button (Menu) Change source in PIP mode button
OK	Menu selection confirm Program table selection button
VOL-	Volume down button
VOL+	Volume up button
PR+	Program forward selection button
PR-	Program backward selection button
🔴	Red teletext button Start Digital Teletext
🟢	Green teletext button
🟡	Yellow teletext button
🔵	Blue teletext button
TXT	Teletext/Mix selection button
♪	Equalizer selection button Teletext page enlarge button (Double)
▭	Picture Mode selection button Page update button in Txt mode (Update)
SWAP	Last viewed program selection button Sub page button in Txt mode (Sub Page)
Freeze	Freeze Picture button
Size	Time Display button Change PIP size button
PIP	PIP selection button
Pos	Change PIP position button

Note: In the analog mode when no menu is open on the screen, **Up/Down** movement buttons function as program forward/backward button and **Left/Right** movement buttons function as Volume up/down button.

(D) : Digital Mode Only

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 left 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-Channel Selection

You may select whichever program number you would like by pressing the **PR+/PR-** buttons located on your television and your remote control. To select the programs that are above 9, you can use the Numerical buttons. You may enter the number of the program you would like to select 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.

6.1.3-Digital TV, Analog TV and AV Mode Selection

Press the **AV** button on your remote control. **SOURCE** menu will be displayed. Select **DIGITAL TV, ANALOG TV** or desired **AV** mode from the Source menu with **Up/Down** movement buttons and confirm with **OK** button so that your television will switch to the source you have selected.

6.1.4-Performing the Volume setting

You can adjust the volume of your television by using the **VOL+/VOL-** buttons on your remote control.

6.1.5-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 aborted.

6.1.6-Returning to Selected Program (SWAP)

Allows you to switch between the current program you watch and the last selected 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.

PR 01 ➡ SWAP *PR 11* ➡ SWAP *PR 01*

6.1.7-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.

```
MAIN MENU

SOUND
PICTURE
PROGRAM TABLE
SETUP
FEATURES


  OK  SELECT    MENU  EXIT
```
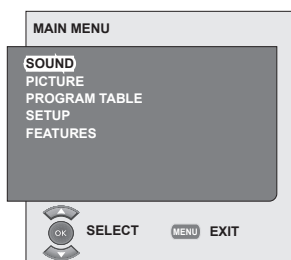
6.2-Turning on the TV and Setting the Channels

When you turn on your television for the first time, **FIRST TIME INSTALLATION CHECK AERIAL CABLE IS CONNECTED. PRESS OK KEY TO CONTINUE** message is displayed. If the antenna connections are correct, press **OK** button to continue. **COUNTRY SELECTION** menu will be displayed. Select the country by using **Up/Down, Left/Right**movement buttons and press **OK** button to start the auto programming. **Channel Search**menu will be displayed and digital channels are scanned and stored in the memory.

After completion of the searching process **Channel Search Results** menu will be displayed. Number of TV and Radio channels already detected and stored in the memory at the end of the search process will be displayed in this menu. Finish the Digital channel searching process by pressing the **OK** button.

PRESS OK KEY TO START ANALOG SEARCH PRESS MENU KEY TO EXIT message will be displayed. You can make Analog channel tuning with **OK** button or finish the searching process by pressing the **MENU** button.

6.3-Performing Digital Tunings

You can either tune the Digital programs automatically or manually and store them in your television.
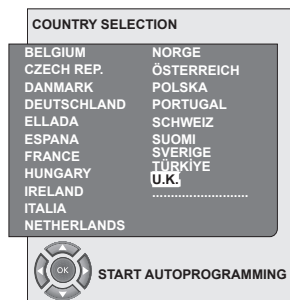
6.3.1-Automatic Tuning of Channels and Storing in the Memory

Press **AV** button on your remote control, select **DIGITAL TV** tab from the **SOURCE** menu by using **Up/Down** movement buttons and confirm by pressing the **OK** button. Your TV will switch to Digital mode. Press **MENU** button, **MAIN MENU** will be displayed. Select **SETUP** tab with **Down** movement button and confirm with the **OK** button. **SETUP** menu will be displayed.
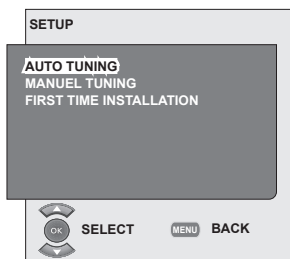
```
SETUP

AUTO TUNING
MANUEL TUNING
FIRST TIME INSTALLATION

   OK  SELECT    MENU  BACK
```

Select **AUTO TUNING** tab and confirm by pressing the **OK** button. **COUNTRY SELECTION** menu will be displayed.

```
COUNTRY SELECTION

BELGIUM          NORGE
CZECH REP.       ÖSTERREICH
DANMARK          POLSKA
DEUTSCHLAND      PORTUGAL
ELLADA           SCHWEIZ
ESPANA           SUOMI
FRANCE           SVERIGE
HUNGARY          TÜRKIYE
IRELAND          U.K.
ITALIA           .........................
NETHERLANDS

   OK  START AUTOPROGRAMMING
```

Select the country by using **Up/Down, Left/Right**movement buttons and press **OK** button to start the auto programming. **Channel Search**menu will be displayed and digital channels are scanned and stored in the memory.

```
Channel Search
Waiting for signal...


Service found:
TV:  0        Radio:  0        Other:  0

                        OK  Stop Search
```

Note: You can also access **Auto Tuning** menu from the **System Menu** submenu under **Digital Features** menu.

ADDITIONAL INFORMATION

Please note that Encrypted channels may not be stored after scanning in the Digital TV channels. If this is the case then you will need to rescan the channels again but this time change the **LIST SCRAMBLED CHANNELS** from **AUTO** to **ON**:

1 Press Menu.
2 Selected Features.
3 Select Digital Features.
4 Select User Interface Options.
5 List Scrambled Channels will show. Change "Auto" setting to "ON"
6 Press Exit button to exit the Menu.

You will need to rescan the digital TV channels:

1 Press Menu.
2 Select Setup.
3 Select Auto Tuning and press the OK button to start the channel scan and this time store the Scrambled channels.

6.3.2-Manual tuning of channels and storing in the memory

Press **MENU** button in digital mode and **MAIN MENU** will be displayed. Select **SETUP** tab with **Down** movement button and confirm with the **OK**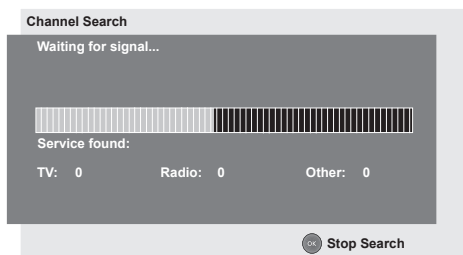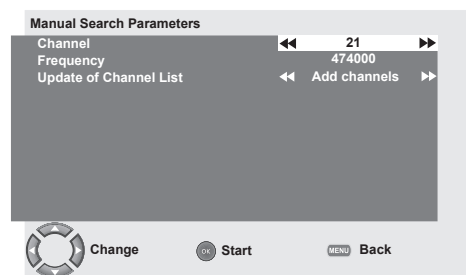 button. **SETUP** menu will be displayed. Select **MANUAL TUNING** tab and confirm by pressing the **OK** button. **Manual Search Parameters** menu will be displayed.

Manual Search Parameters		
Channel	◀◀ 21	▶▶
Frequency	474000	
Update of Channel List	◀◀ Add channels	▶▶

Change   Start   Back

Highlight the **Channel** tab by means of **Up/Down** buttons and directly enter the frequency number of the channel you want to search, if you know, by using the numeric keys on the remote control. If you don't know the frequency number, you can scan frequencies by using the **Left/Right** movement buttons. After entering the frequency you want to search, highlight **Update of Channel List** tab with **Up/Down** movement buttons and select either one of **Add channels, Replace channels** or **Erase channel list** items, then press **OK** button to start searching. Channels will be searched or changed according to the search method you have chosen.

Channel Search		
Waiting for signal...		
Service found:		
TV: 0	Radio: 0	Other: 0
		Stop Search
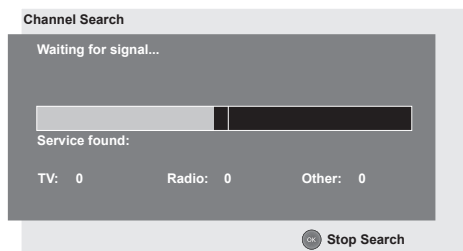
Add Channels : With this option, the new channels in the frequency which is desired to be manually searched will be scanned and added to the existing channel list.
Replace Channels : With this option, you can update the existing channel list with the modifications made by the broadcasting enterprise.
Erase Channel List : With this option, you can delete all channels in the existing channel list to store only the new channels in the desired frequency into the memory.

Note: You can also access **Manuel Tuning** menu from the **System Menu** submenu under **Digital Features** menu.

6.3.3-First Time Installation

If you select this function, all channel information in the memory will be deleted. The OSD where country selection shall be made is displayed and channel search is made automatically. First, digital channels are searched. You can start Analog channel search by pressing the **OK** button after the digital channel search is completed.

6.3.4-Program Table

With the program table, you can see the stored channels in a list, switch between TV channels and Radio channels or create your favorite channels list for 6 TV and Radio channels according to your preference.

Select the **PROGRAM TABLE** item from the main menu by means of **Up/Down** movement buttons to access program table and press **OK** button to confirm. Program Table will be displayed. You can also access the program table menu directly by pressing the **OK** button on your remote control when there is not any open menu on the screen.

```
All

1 Kanal
2 Kanal
3
4
5


OK Select                        MENU Back
              ● Edit List        FAV Change List
```

6.3.4.1-Displaying Television and Radio channel lists and selecting the channels

When the program table menu is opened, all TV channels stored in the list are displayed. You can navigate between the TV and radio channels with **Up/Down**, **Left/Right** movement buttons or you can select any channel you wish to watch or listen to by pressing the **OK** button. Press the **RED** button on the remote control when your are in the program menu to switch to the Favorite Channels list. Favorite Lists will be displayed. You can also select the TV and Radio channels directly by means of the **FAV** button on your remote control.

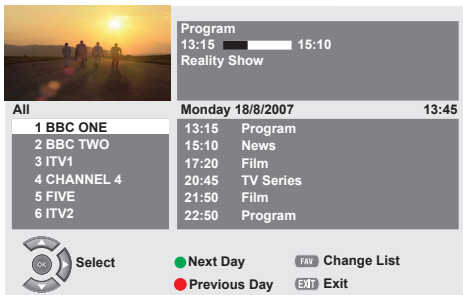### 6.3.4.2-Creating favorite channels list

You can create 6 favorite channel lists according to your personal preferences. To do this press the **RED** button when you are in Program table. Favorite Lists will be displayed. All TV channels can be seen on the Left hand side and favorite channels on the Right hand side. In All TV Channels list select the channel you want to add to the favorites list by using **Up/Down** movement buttons and press **OK** button to confirm; name of the channel you have selected will be displayed on the favorite channels list. Repeat the same steps fore every channel you want to add. To create a different favorites list, you can change the favorite channels list by pressing **FAV** button on your remote control and add channels to these lists as described above. To select directly the favorite channels lists you have created, you can use the **FAV** button on your remote control.

Note: You can also access the **Favourite Lists** menu from the **Digital Features** menu.

6.3.5-Electronic TV Guide (EPG)

If it is supported by the broadcasting enterprise, the electronic TV guide gives entire general information about the programs of the next 7 days (for digital channels only).

To display the Electronic TV Guide, press **EPG** button on your remote control. Electronic TV Guide will be displayed.

```
                        Program
                        13:15 ▭▭▭ 15:10
                        Reality Show

All                     Monday 18/8/2007        13:45
  1 BBC ONE             13:15    Program
  2 BBC TWO             15:10    News
  3 ITV1                17:20    Film
  4 CHANNEL 4           20:45    TV Series
  5 FIVE                21:50    Film
  6 ITV2                22:50    Program


OK Select       ● Next Day        FAV Change List
                ● Previous Day    EXIT Exit
```

You can select the channel by using the **Up/Down** movement buttons and navigate through the program data with **Right** movement button. To get further information about the program press **INFO** button and detailed information about the selected program will be displayed. Press the **GREEN** button to display next day's program information, press the **RED** button to display previous day's program information and press **OK** button to add Reminder to any program. You can use the **FAV** button on your remote control to switch between TV, Radio and Favorites lists in the EPG menu.

6.3.6-Digital Features

To enter digital features menu, select **FEATURES** tab from the main menu by using **Up/Down** movement buttons. Select **DIGITAL FEATURES** tab from **FEATURES** menu by using **Up/Down** movement buttons and press **OK** button to confirm. **DIGITAL FEATURES** menu will be displayed.

```
Digital Features
Language Settings
Access Control
User Interface Options
Timers
Favourite List
No Common Interface Module Present
System Menu


    Select                    MENU  Back
```
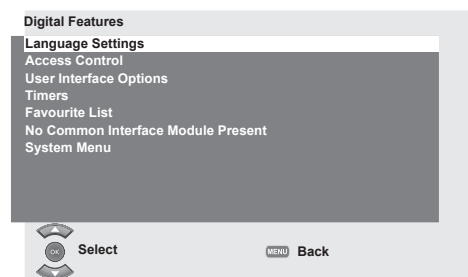
You can select the menu headings with **Up/Down** movement buttons to make settings.

6.3.6.1-Language Settings

You can select subtitle and sound language provided that the broadcast is supported for all digital broadcasting channels. Unless you make any selection, the language supported by the broadcaster will be selected automatically.

To perform language selection, select **Subtitling Language 1**, **Subtitling Language 2**, **Audio Language 1**, **Audio Language 2** tab from the **Language Settings** menu by using **Up/Down** movement buttons and make your language selection with **Left/Right** movement buttons. You can also select subtitles directly by **SUBT** button on your remote control or make sound selection by **AUDIO** button.

6.3.6.2-Access Control

With this feature you can preclude channels that are not appropriate for children and set age restriction for programs being broadcasted.

```
Access Control
Lock/Unlock Channels
Change PIN


    Select                    MENU  Back
```
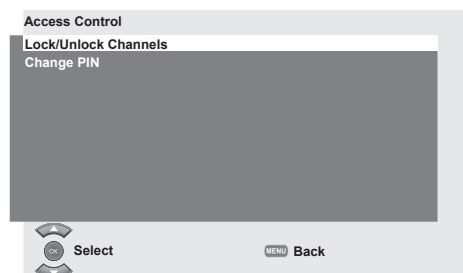
Lock/Unlock Channels: Select **Lock/Unlock Channels** tabs from Access Control menu and press **OK** button to confirm. All TV Channels list will be displayed; select the channel you want to preclude with **Up/Down** movement buttons and press **OK** button to confirm. **x** mark will be displayed at the beginning of the channel name and thus channel is precluded. To remove such preclusion, repeat the same steps. Select the channel to access the precluded channel and enter the correct password into the displayed password screen. The channel will not be displayed unless the correct password is entered.

Note 1: To re-prevent access after entering the correct password and displaying the precluded channel, your television has to be switched to Standby mode and turned on again.

Note 2: The password for both of these features has been set as **0000** at the factory. You can change the password as you wish under **Change PIN** item in the **Access Control** menu.

6.3.6.3-User Interface Options

From this menu, you can decide whether to display the scrambled channels in the program table or not. If **List Scrambled Channels** is set to **ON**, all channels will be displayed, if it is set to **OFF**, scrambled channels will not be displayed and if it is set to **AUTO** and a CI card is installed to your television, then the scrambled channels supported by the card will be displayed.

6.3.6.4-Timers

In this menu you can view Reminders you had entered from the EPG or change or delete the entered Reminders.

6.3.6.5-Favourite Lists

Please see 6.3.3.2-Creating favorite channel list for detailed explanation of this feature.

6.3.6.6-Common Interface Module

In this menu, you can make the CI Module settings that you can attach to your television.

6.3.6.7-System Menu

You can display your television's hardware and software data under this menu.

6.4-Performing Analog Tunings

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

### 6.4.1-Automatic tuning of channels and storing in the memory

Note: If your television does not receive any antenna 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 (applicable for Analog mode only)

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 **AV** button on your remote control, select **ANALOG TV** tab from the **SOURCE** menu by using **Up/Down** movement buttons and confirm by pressing the **OK** button. Your TV will switch to Analog mode. Press the **MENU** button on your remote control. Select **SETUP** tab with **Down** movement button and confirm with **OK** button. Setup menu is displayed.

Select **PROGRAM NO** tab by pressing the **Up/Down** movement buttons in Setup menu, enter the channel number to be searched and stored automatically, then select **AUTOPROGRAM** tab by using the **Up/Down** movement buttons and press **OK** button; Country Selection menu will be displayed.
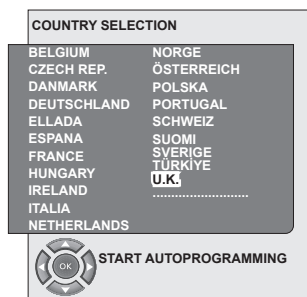
In the Country Selection menu, select the country, whose broadcast you would like to watch in priority, by pressing the **right/left** movement buttons and start autoprogramming by pressing the **OK** button. The channels will be automatically searched and those found will be stored in memory starting from the program selected in the Setup menu. At the same moment, the Autoprogram menu will be displayed and a marker indicating the progress of the autoprogramming will appear as shown below.

```
AUTOPROGRAM
SEARCHING          % 20
(MENU) STOP
```
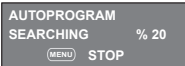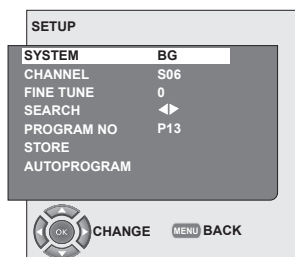
To stop the process at any given time, please press the **MENU** button. The Program Table, which will allow you to sort the channels as you wish, will be displayed after the automatic search is complete.

6.4.2-Manual tuning of channels and storing in the memory

6.4.2.1-If you already know the channel number

Press the **MENU** button. Move to the **SETUP** menu by pressing the **Down** movement button in the Main Menu and confirm your selection with the **OK** button. Setup menu will be displayed.

```
SETUP

SYSTEM           BG
CHANNEL          S06
FINE TUNE        0
SEARCH           ◄►
PROGRAM NO       P13
STORE
AUTOPROGRAM

(OK) CHANGE   (MENU) BACK
```

Select the system in which you would like to make the search from the **SYSTEM** tab. Move into **CHANNEL** tab by pressing the **Down** movement button. Press **OK** on your remote control to select "**S**" for cable channels and "**C**" for channels received via the antenna. Move onto the **PROGRAM NO** tab and using the number buttons 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 **Left** or **Right** 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.

6.4.2.2-If you do not know the channel number

Press the **MENU** button. Move to the **SETUP** menu by pressing the **Down** movement button in the Main Menu and confirm your selection with the **OK** button. Setup menu will be displayed. Select the system in which you would like to make the search from the **SYSTEM** tab. Move into **CHANNEL** tab by pressing the **Down** movement button. Press **OK** on your remote control to select "**S**" for cable channels and "**C**" for channels received via the antenna.
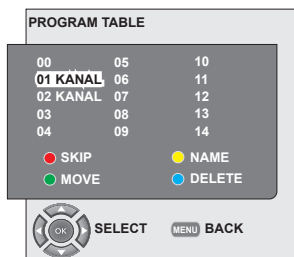
Select **SEARCH** tab using the **Up/Down** movement buttons, and scan the channels in ascending order with **Right** movement button and in descending order with **Left** movement button. If the channel that is found is of your liking, select the **STORE** tab. Then store it in the memory by pressing the **Right** or **Left** movement buttons. 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.

6.4.3-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 **Down** movement button in the **Setup** menu. Using the **Left/Right** 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.

6.4.4-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.


```
PROGRAM TABLE

00            05          10
01 KANAL   06          11
02 KANAL   07          12
03            08          13
04            09          14

  ● SKIP              ● NAME
  ● MOVE             ● DELETE

  (OK)  SELECT   (MENU) BACK
```

6.4.4.1-Switching the locations of the stored channels

Select the program you would like to relocate by pressing the **Up/Down** or **Left/Right** movement buttons. "Press the "**GREEN**" 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**" 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.

6.4.4.2-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**" 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.

6.4.4.3-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**" 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**" button. After setting is complete, press the **EXIT** button to exit the menu.

6.4.4.4-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** movement button and then select the desired letter, number or sign again with the **up/down** 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 channel number of that program will be displayed automatically.
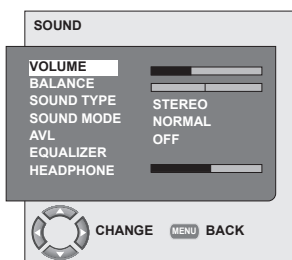
7 Settings of Your New Television

7.1- Sound Menu Settings

You may perform volume settings by using the **VOL+** or **VOL-** 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 control. Select **SOUND** by pressing the **Up/Down** movement buttons from the main menu and press the **OK** button. The Sound menu is displayed.

```
SOUND

VOLUME        ▓▓▓▓▓▓░░░░
BALANCE       ░░▓▓▓░░░░░
SOUND TYPE    STEREO
SOUND MODE    NORMAL
AVL           OFF
EQUALIZER
HEADPHONE     ▓▓▓▓▓░░░░░

   ◉  CHANGE  MENU BACK
```

You can select the tab which you want to process with the **Down** movement button and set its level with **Left/Right** movement buttons.

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 sound menu by using the **Down** movement button. Using the **Left/Right** 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. Note this is only when using Analogue TV. This feature is not normally used in UK.

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 as high and low volume levels in different channels while switching from one program to another. Using the **Left/Right** 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-Headphones

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 Sound menu and adjust the volume level by using the **Left/Right** 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 in environments where there is no 4.1 or 5.1 speaker systems exist.

SRS ⊙ TruSurround is a registered TruSurround XT trademark of the SRS Labs. Inc.

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

```
TruBass       ON
Dialog Clarity  ON

CHANGE  MENU  BACK
```

7.1.6.1-TruBass

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

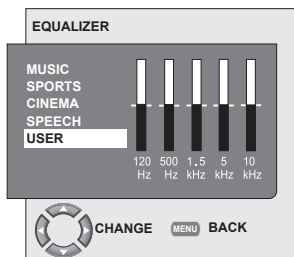### 7.1.6.2-Dialog Clarity

This feature enhances 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 Sound menu and confirm with the **OK** button. The Equalizer menu is displayed.

Using the **Left/Right**, **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 (🎵) button on your remote control.


```
EQUALIZER

MUSIC
SPORTS
CINEMA
SPEECH
USER
        120  500  1.5  5   10
        Hz   Hz   kHz  kHz  kHz

CHANGE  MENU  BACK
```
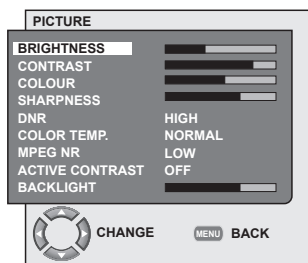
7.2-Picture Menu Settings

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 will be displayed.

You can select the desired setting by pressing the **Up/Down** movement buttons and adjust their levels with **Right/Left** movement buttons. You can adjust **BRIGHTNESS**, **CONTRAST**, **COLOR** and **SHARPNESS** levels as you desire. The changes you have made in the picture settings will be stored in the memory without requiring any other operations.


```
PICTURE

BRIGHTNESS
CONTRAST
COLOUR
SHARPNESS
DNR              HIGH
COLOR TEMP.      NORMAL
MPEG NR          LOW
ACTIVE CONTRAST  OFF
BACKLIGHT

CHANGE  MENU  BACK
```

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** or **HIGH** options with **Left/Right** movement buttons.

7.2.3-Colour Temperature

You can adjust the colour temperature with this feature. Move to the Colour 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-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.

7.2.5-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.

7.2.6-Backlight

With this feature, you can adjust the intensity of light reflected to the LCD Panel. Select **Backlight** by pressing the **Up/Down** movement buttons and adjust the desired level by pressing the **right/left** movement buttons.

Note: If your TV is equipped with Active Contrast feature and this feature is set to On, then **Backlight** tab is not displayed in the menu.

7.2.7-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 NR** tab from the Picture menu with the **up/down** movement buttons to activate this feature and select one of the **OFF, LOW, MID** or **HIGH** options with **right/left** movement buttons.
Note: MPEG NR feature appears in the menu for all sources except the Tuner mode.

7.2.8-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**, **RICH** are default values; **USER** represents the values you stored in the memory.

7.2.9-Picture Format

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

Note: In PC Mode, 4:3, 16:9 and 14:9 picture formats are supported in 16:9 panels. Only 4:3 picture format is supported in 4:3 panels.

7.2.9.1-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.

7.2.9.2-16:9

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.

7.2.9.3-14:9

This is a movie format.

7.2.9.4-4:3

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

7.2.9.5-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.

7.2.9.6-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 to be seen.

7.2.9.7-Panorama

This setting will enlarge the image to fit the screen by stretching the image horizontally while holding the correct proportions at the centre of the image. Some distortion may occur.

Note: Since the use of certain functions in order to change the picture sizes for collective projection or commercial purposes (modifying the height and width etc.) will be deemed an infringement of the picture's copyright, legal proceedings can be carried out as required under relevant laws.
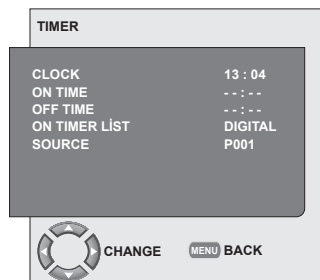
7.3-Features Menu Settings

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 will be displayed.
You can select the titles for which you would like to perform an operation in Features menu by using the **Up/Down** movement buttons.

```
FEATURES

TIMER
CHILD LOCK            OFF
ACTIVE ANTENNA        OFF
AUTO SCART           ON
DIGITAL FEATURES

        SELECT    MENU BACK
```
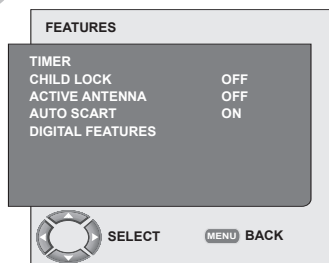
7.3.1-Timer

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.

```
TIMER

CLOCK               13 : 04
ON TIME             - - : - -
OFF TIME            - - : - -
ON TIMER LİST       DIGITAL
SOURCE              P001

        CHANGE    MENU BACK
```

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** for television in the same manner and specify the time.

Enter the program number you desire or the external source with the **AV** button into **SOURCE** tab to specify the channel or source from which you would like the TV to be turned-on to. 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 or to the external source at that time; if the TV is in standby mode, then it will be turned on with the selected channel or external source.

7.3.2-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.

Note: Child lock feature is for Analog mode only. Child lock tab does not appear in the menu in Digital mode.

7.3.3-Active Antenna

When switched ON in the menu it will provide 5V DC via the aerial socket and can be used to supply aerials with mast head amplifiers included that require a DC supply.

7.3.4-Auto Scart

When this feature is set to On and when you operate an external device that is connected to your LCD television via scart, TV will automatically switch to AV mode where the device is connected. When it is set to Off, your TV does not switch to the external device automatically.

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 on your remote control. **Note:** Zoom mode does not function with COMP/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 return to the TV mode by pressing the **PIP** button when you are in the PAP (Picture and Picture) mode. **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 inputs from an external source can be viewed in the PIP screen.
**Note 2:** HDMI2 can not be selected in the PIP screen when HDMI1 is displayed on the main screen.
Note 3: 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.
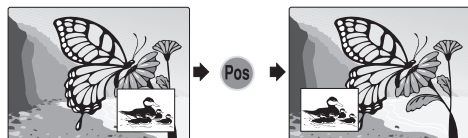

7.4.3.3-Switching the locations of the Main screen and PIP screen

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.
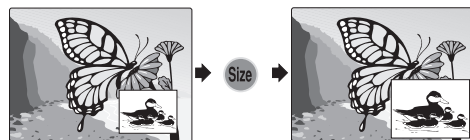
7.4.4-PAT Mode

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, when you press **TXT** and then **16:9** buttons in a channel with teletext
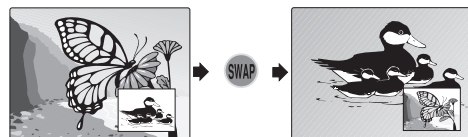
broadcasting, the screen will be split into two with the left pane showing the currently watched program and the right pane will show the Teletext at the same time. In the event that you wish to exit the PAT mode for any reason, simply press the **16:9** button.

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 for a second time. 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 watch 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 broadcasting agency 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 that case, the sub page tab is displayed on the bottom line within "Red -" and "Green +" frames. "You can select the sub pages 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 ( ) 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 check the time while watching any television channel. In that case, a clock will appear for a few seconds on the lower right corner of the screen.

8.10-Fastext

The coloured buttons on the remote control are for the fastext feature. When you select any page, the titles on various subjects may appear on the screen in four different colours or inside coloured frames (red, green, yellow and blue). By pressing the button pertaining to the relevant colour on the remote control, you can access the subject of your choice without waiting.
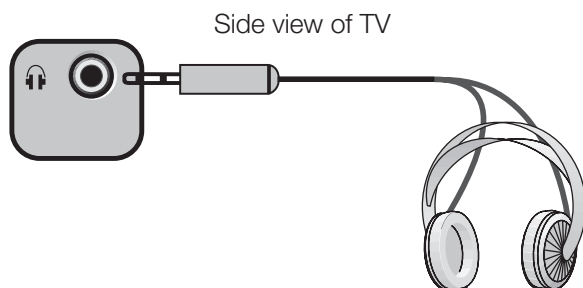
9 External Equipment Connections:

Your TV is equipped with 9 inputs including aerial input, which allows for the external device connection. These inputs are:

1-Aerial input
2-SCART1 input
3-SCART2 input
4-AV input
5-S-Video input
6-PC input
7-HDMI1 input
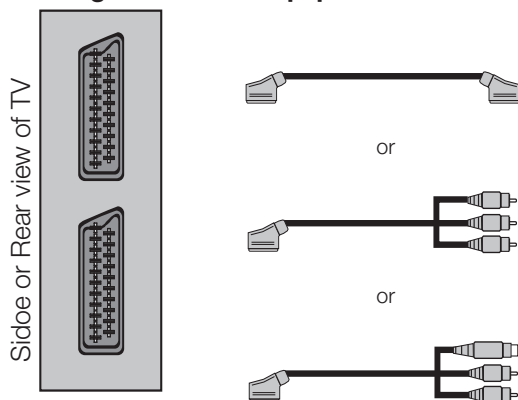8-HDMI2 input
9-YPbPr Component input

You can connect your external device 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.

9.1-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.

Side view of TV

9.2-Connecting an external equipment via Scart connection

Sidoe or Rear view of TV

VCR

DECODER

DVD
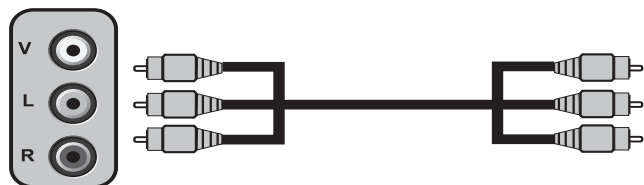
SATELLITE RECEIVER

GAME CONSOLE

SCART : To watch the picture of the broadcast device connected to SCART, select Scart from the **Source** menu and press **OK** button. (You can watch via this Scart if the connected device has a RGB output).
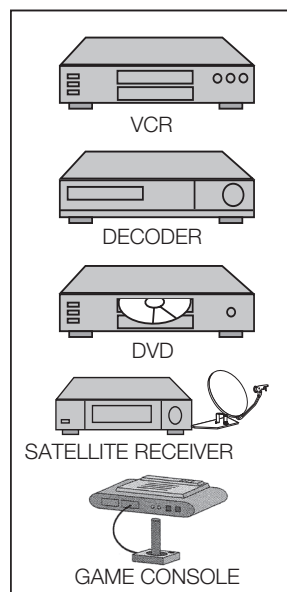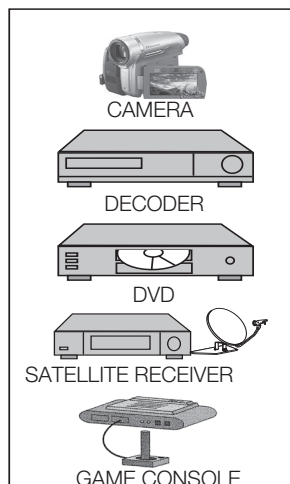
9.3-Connecting external equipment via AV connection

Side view of TV

CAMERA
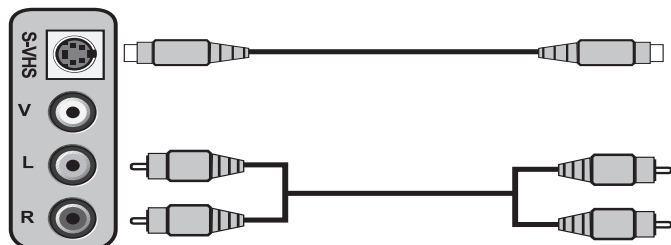
DECODER

DVD

SATELLITE RECEIVER

GAME CONSOLE

AV : To watch the picture of the broadcast device connected using the RCA (Cinch) input, select **AV** option from the **Source** menu and press **OK** button. Your TV will switch to the selected source.
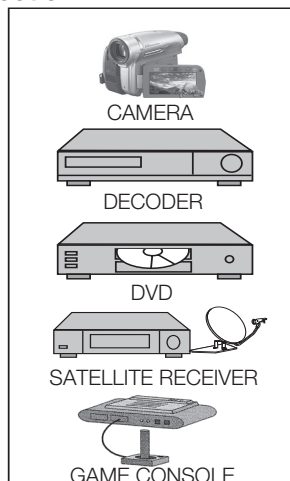
9.4-Connecting external equipment via S-Video connection

Side view of TV

CAMERA

DECODER

DVD

SATELLITE RECEIVER

GAME CONSOLE

S-Video: To watch the picture of the broadcast device connected using the SVHS input, select **S-Video** option from the **Source** menu and press **OK** button. Your TV will switch to the selected source.

9.5-Connecting external equipment via YPBPR connection

Rear view of TV

Picture connection

Sound connection

DVD
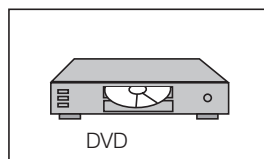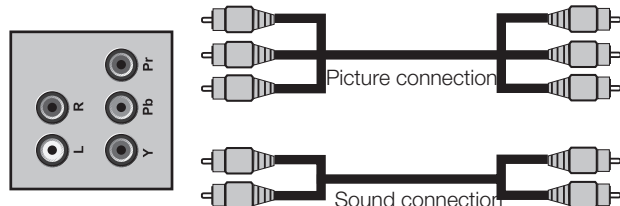
YPBPR (Component Input): When a connection is made via YPBPR socket, select **YPBPR** option from the **Source** menu and press the **OK** button to display the picture. Your TV will switch to the selected source.

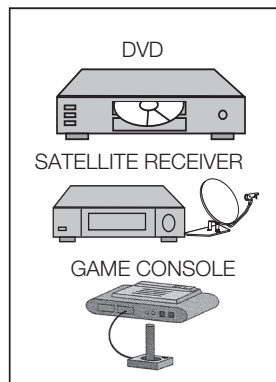### 9.6-Connecting an external equipment via HDMI connection

Side view of TV

DVD
SATELLITE RECEIVER
GAME CONSOLE

HDMI: When a connection is made via HDMI socket, select the **HDMI** input you connected through from the **Source** menu and press the **OK** button to be able to display these pictures. Your TV will switch to the selected source.

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: To be able to watch an image in the HDMI mode, your computer must be equipped with a HDMI graphic card.

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

9.6.1-HDCP (HD Copy Protection)

Your TV supports HDCP feature. If the HDMI source (HD DVD) is not compatible with HDCP standards it may result in no picture or sound.

**NOTE:**In HDMI mode; some resolutions are supported when a DVI to HDMI converter cable from a PC is used. Only 16:9, 4:3, 14:9 (some definitions) are supported as picture format.

High Definition - HD-READY

HD ready This TV is HD Ready. This means that youcan 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.

9.7-PC VGA connection

Picture connection

Sound connection
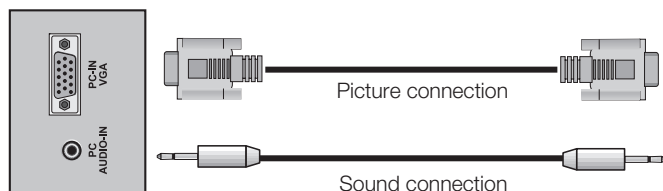
Rear view of TV

9.7.1-PC Connection:

Connect the D-Sub15 connector to the PC-IN socket at the back of your television by using an appropriate cable (not supplied with your television). Again, by using an appropriate cable, connect the audio output of your PC to the PC AUDIO-IN at the back of your television to listen to sounds from your PC and you can adjust the volume level of your source by using **VOL+/VOL-** buttons.

9.7.2-Transition to the PC mode

For your LCD-TV to switch to the monitor (PC) mode, press the **AV** button on your remote control. **SOURCE** menu will be displayed. Select **PC** option by pressing the **Up/down** movement buttons and press the **OK** button.

10.7.3-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 select the tabs with the **up/down** buttons on your remote control to make the following relevant settings.

9.7.4-AUTOCONFIGURATION

The most suitable geometric settings in accordance with the entry mode are configured by this function. For this operation, just select the **Autoconfiguration** tab and press **OK** button.

9.7.5-HORIZONTAL POSITION: Horizontal position setting.

9.7.6-VERTICAL POSITION: Vertical position setting.

9.7.7-CLOCK FREQUENCY: This is the pixel clock frequency. User can narrow down or enlarge the display by selecting a desired value.

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

9.7.9-PICTURE FORMAT

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

9.8- How To Connect CI (Common Interface) Card

1- To wiew the scrambled (pay) services in digital TV mode.

TO INSERT A CI CARD
(NOTE: The card on its own cannot be used on this tv. A cam must be purchased and a the card is inserted into the cam. The cam / card holder is then inserted into the ci slot on the tv.)
Insert the Cam / card holder card into the slot in the direction of the arrow until it fully located.

Side or Rear view of TV
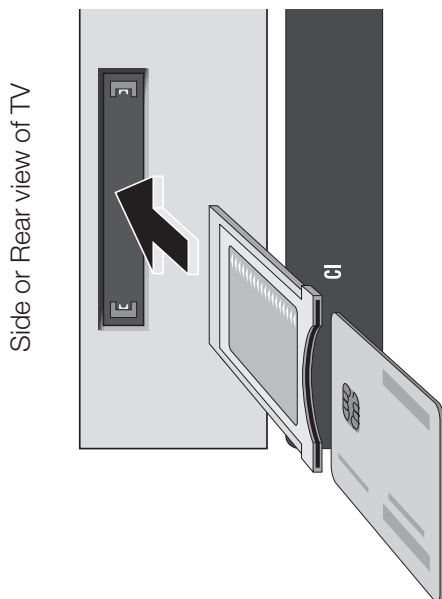
TO REMOVE A CI CARD
When removing the CI card, make sure you pull out the Cam complete with the card fitted.
This function enables you to watch the scrambled services (pay services) in some channels. If you remove the CI Module, you can only watch the available non scrambled digital programmes.

2- Press the **Standby** button on the remote to turn on the TV.

3- Press the **INPUT** button on the remote to display the Source List. Use the **Up/ Down** buttons to select **DTV**, and press the **OK** button.

4- If the CI card is inserted properly, the CI MODULE will briefly be displayed on screen, The contents are dependent on the CAM provider in you country.

10 Help and tips

Failure	Possible cause	Solution
The television does not function	Is the power cord connected to the mains supply?	Check the power cord.
	Is the On/Off button on?	Check if the On/Off button is on.
Poor picture quality (analogue TV)	Is the aerial cable connected?	Check the aerial cable.
	Aerial may be affected by two connected external devices.	Try disconnecting one of the devices.
	It may need fine tuning.	Perform fine tuning.
	Picture settings are not correct.	Adjust Brightness, Contrast and Color.
Shadow and reflection in the picture.(analogue TV)	Channel setting	Perform automatic, manual channel setting or fine tuning.
	Aerial misaligned	Check aerial direction
No picture	Is there any damage to the aerial or cable?	Check and replace the aerial and or cable.
	Are you sure you pressed the correct button on your remote control?	Press PR+ or PR- button to turn on the TV.
No colour.	Color intensity level is at the lowest setting.	Lighten the color.
	Problem in channel broadcasting.	Test with another channel.
No or defective teletext	Television channel (no teletext) or	Test another channel for fine tuning and shadowy pictures
	Very weak signal	Check the aerial system.
No sound	Temporary sound mute may be on	Try pressing the mute button
	Is the sound turned down?	Turn on the volume with Vol + button.
Remote control does not work	Are the batteries correctly placed?	Place the batteries correctly.
	Are batteries exhausted?	Replace the batteries with new ones.
	Is there any obstacle between the remote control and television?	If yes, remove it.
Picture is not readable after turning on the TV	Child lock is active.	Disable the child lock.

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. Never attempt to repair a faulty device yourself.

11 Technical specifications chart

SCREEN SIZE	37"
Panel type	37", 16:9 Active matrix TFT
Sound output	2 x 10 W
Power consumption	180 W
Stand by power value	<1 W
Teletext page	250
Loudspeaker impedance:	8 Ohm
Scart 1	STD
Scart 2	STD
Audio/Video RCA(Input)	STD
S-Video socket	STD
YUV (Video/Sound) Component Input	STD
HDMI 1	STD
HDMI 2	STD
VGA Input	STD
PC Audio Input	STD
SPDIF Digital sound output	STD
Headphone socket	STD
Dimensions (WxDxH)	930x251x671
Weight (Kg)	20,4

STD: Standard
General technical specifications

Power supply AC: 230V 50 Hz
Program memory Analog: 100
RF Aerial input: 75 Ohm (Co-axial)
Sound systems: Mono/Stereo/Nicam
Batteries: 2xUM - 4, IEC R03 or AAA 1.5V
Channels received: VHF (Band I Channel 2-4)
                                              VHF (Band III Channel 5-12)
                                              UHF (Channel 21-69)
                                              Cable TV (S1-S20/S21-S41)
Broadcasting systems received   PAL BG
                                              PAL SECAM BG
                                              PAL SECAM BG DK
                                              PAL SECAM BG LL'
                                              PAL I

Note: 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.

Design and specifications may be changed without prior notification.

FSH.801