Goodmans

GTVL32W27HDF
Digital 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 and process all analog and digital broadcastings. This television set has an integrated digital and analog receiver. The digital receiver unit processes the signals coming from digital transmitters and can convert them into superior sound and image qualities. 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.

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
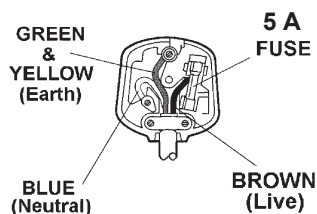
GREEN & YELLOW (Earth)

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.

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, we would like you to read this entire manual carefully before you use your product and keep it for future reference.

2.1-Special Features

- Compatible with cable broadcasts
- Wide angle of vision
- Scart socket, AV Socket and external sound system connection
- S-VHS and Cinch inputs for S-Video connection
- PC connection
- Low energy consumption
- AVL
- Programmable power on
- Programmable power off
- 10 page / 250 (*) page Teletext
- Toptext (*)
- 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 processes
- Manual Fine Tuning
- 100 Analog Program memory
- 1000 Digital channel memory
- Infrared remote control equipped with all functions
- Child Lock
- 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 picture formats
- 8-day EPG (Electronic Program Guide)
- MHEG 1.06
- List of 6 favorite channels in digital mode
- CI slot input
- HDMI connection
- HDCP feature
- HD-Ready

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

(*): These features are not available on all models.

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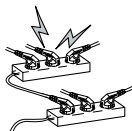
1) Please **READ** the operating instructions before using the device for the first time.

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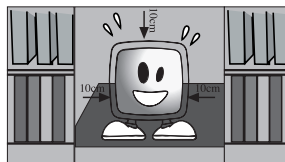
8) DO NOT COVER the ventilation openings of the device with items such as newspapers, table-clothes, curtains, etc. Overheating causes damage and shortens the service life of the device.

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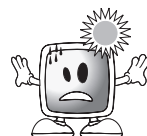
10) Never operate electrical devices close to water. Operating such devices, for example, near a bathtub, washbasin, kitchen washbasin, washing basin, wet basement and swimming pool can cause fire or electric shock.
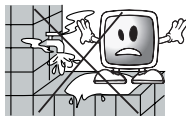
• Do not allow your TV to get wet. Never pour any liquids onto the TV. Do not operate your TV if any solid or liquid substance enters into it. This can cause electric shock and your TV may be damaged. Have it checked immediately by qualified personnel.
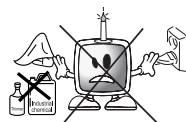
• Keep open flame sources (such as candles) away from TV in order to avoid risk of fire.

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 I) product, then it must certainly be connected to a grounded socket.
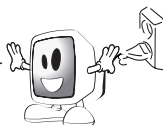
• **The socket into which you plug in the AC power cable or the adaptor must be within easy reach.**

• **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.
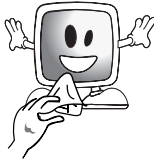
17) Consult authorised service personnel for service requirements. Never attempt to repair the device yourself. Opening the cabinet can expose you to dangerous voltages or other hazardous situations. Service is required in situations such as damage to the power cable of the device or its plug, water 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.**
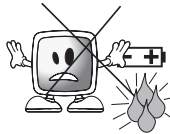
20) Disposing of the exhausted batteries:
• Dispose of the exhausted batteries in accordance with the local laws and regulations in order to protect our environment.

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.

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
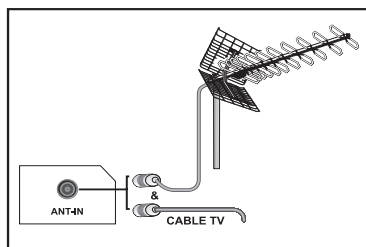**Note: Scart, HDMI, VGA and RCA cables are not supplied with the device.**

4.1-Antenna connection

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

4.2-Powering on your device and the initial use

1. Insert the power cable plug supplied with the device into the mains socket.
2. Insert the power cable into the power supply input located on the back panel of the LCD TV.
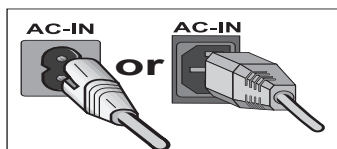
Note: Your TV is equipped to operate with TV buttons in case your R/C is broken or the batteries are exhausted.

3. Press the power on/off button located on the LCD TV.
4. 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.
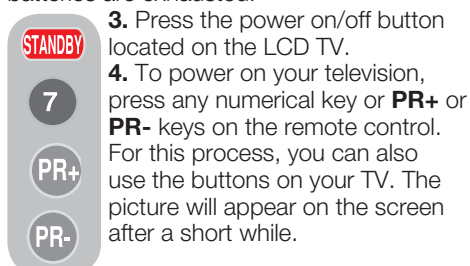
Note: If you are not going to use your television for a long time, unplug its power cable from the socket.

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.
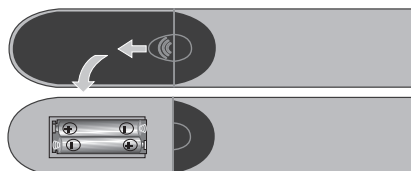
5 Your new television

5.1-TV Control Panel

PR
– +
&
P- P+
.... Program Down/Up button

– +
&
V- V+
.... Volume Level Down/Up button

MENU **&** **SOURCE** **&** **M/S**

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 - S-VHS
2 - VIDEO
3 - L
4 - R
5

CI SLOT
6

AV1
7

AV2
8

PC AUDIO IN | PC-IN | ANT | SPDIF | AUDIO IN L R | VIDEO IN Y Pb Pr COMPONENT INPUT | HDMI | OR

9   10   11   12   13   14   15   16   17   18   19
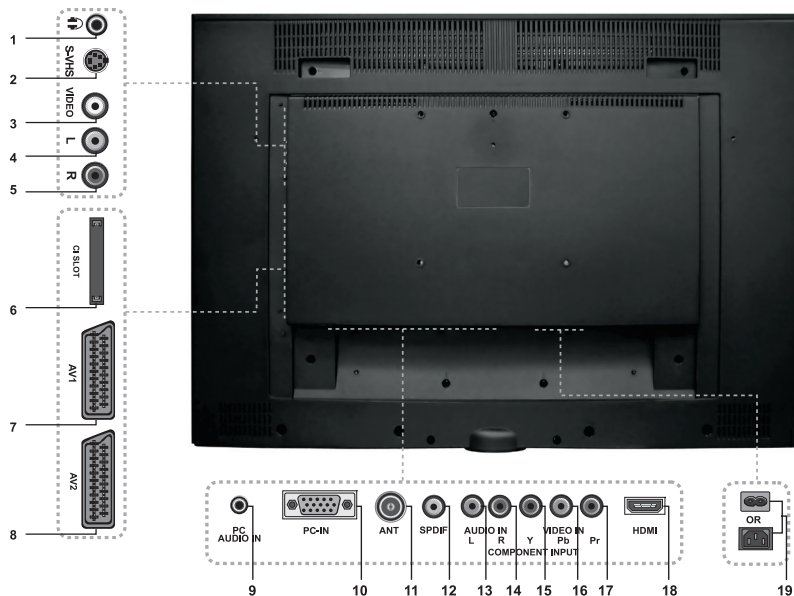
1-Stereo Headphone socket
2-S-VHS input
3-Video input CINCH connector
4-Audio input (Left/L)
5-Audio input (Right/R)
6-CI slot input
7-AV1 scart
8- AV2 scart
9-PC audio input

10-VGA (PC connection input)
11-Aerial input
12-SPDIF
13-Component audio input (L)
14-Component audio input (R)
15-Component video input (Y)
16-Component video input (Pb)
17-Component video input (Pr)
18-HDMI input
19-Power input

Please see Technical Specifications Table on page 25 for the available external connections on your television.
• Please do not use the video Phono 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	Sound selection button (D)
1 ... 0	Numeric buttons
FAV	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)
>	Right movement button (Menu)
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 MHEG display button
🟢	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

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

9

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 enter 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. See Page !!!

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
```
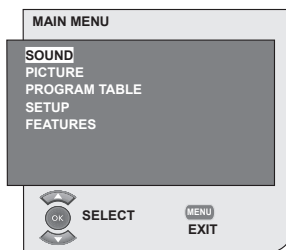
6.2-Turning on the TV and Setting the Channels

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.
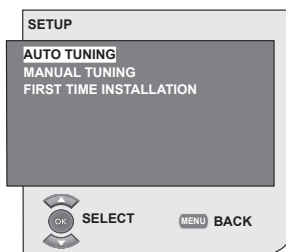
Select **AUTO TUNING** tab and confirm by pressing the **OK** button. **COUNTRY SELECTION** menu will be displayed.
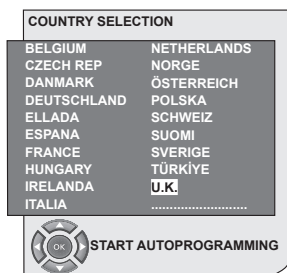
Select the country by using **Up/Down, Left/Right**movement buttons and press **OK** button to start the auto programming. **Channel Search**menu will be displayed and digital channels are scanned and stored in the memory.
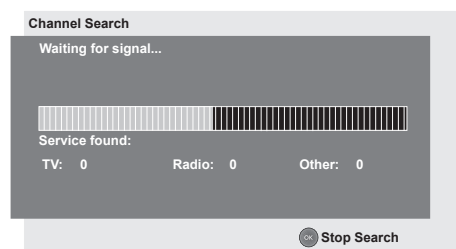
Note: You can also assess **Auto Tuning** menu from the **System Menu** submenu under **Digital Features** menu.

6.3.2-Manual tuning of channels and storing in the memory

In 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. 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        (MENU) Back
```
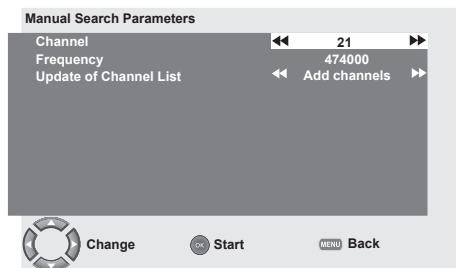
Highlight the **Channel** tab by means of **Up/Down** buttons and directly enter the frequency number of the channel you want to search, if you know, by using the numeric keys on the remote control. If you don't know the frequency number, you can scan frequencies by using the **Left/Right** movement 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
```
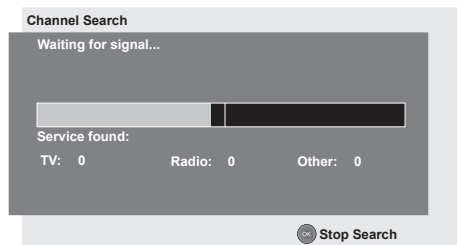
Add Channels : With this option, the new channels in the frequency which is desired to be manually searched will be scanned and added to the existing channel list.
Replace Channels : With this option, you can update the existing channel list with the modifications made by the broadcasting enterprise.
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 assess the **Manual Tuning** menu from the **System Menu** submenu under **Digital Features** menu.

6.3.3-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 TV
  1 Kanal
  2 Kanal
  3
  4
  5



  ⊙ Select                        (MENU) Back
                    ● Edit List    (FAV) Change List
```
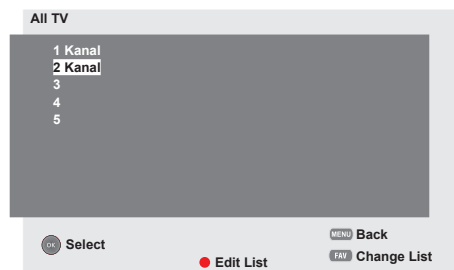
6.3.3.1-Displaying Television and Radio channel lists and selecting the channels

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

6.3.3.2-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 scroll down menu of **Digital Features** menu.

6.3.4-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 8 days (for digital channels only).

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

	Program 13:15 ▭▭▭ 15:10 Reality Show
All TV	**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

Reminder ● Next Day INFO Details
● Previous Day EXIT Exit
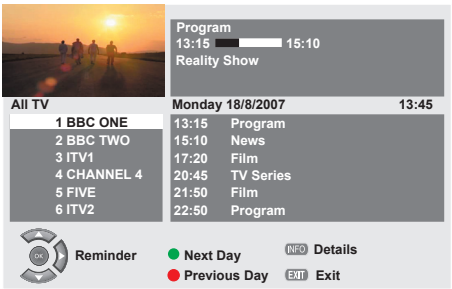
You can select the channel by using the **Up/Down** movement buttons and navigate through the program data with **Right** movement button. To get further information about the program press **INFO** button and detailed information about the selected program will be displayed. Press the **GREEN** button 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 **FAV** button on your remote control to switch between TV, Radio and Favorites lists in the EPG menu.

Important Note: Not all broadcasting enterprises supply a detailed TV guide. Most of the broadcasting enterprises provide daily program information, but they do not give detailed explanations. Some broadcasting enterprises, on the other hand, do not give any program information at all.

6.3.5-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
  Timers
  Favourite List
  No Common Interface Module Present
  Service Menu


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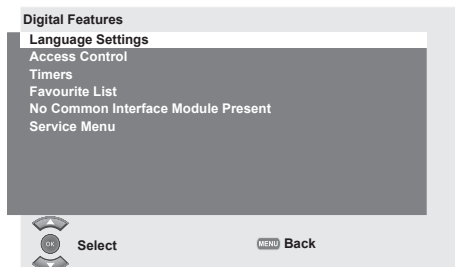
You can select the menu headings with **Up/Down** movement buttons to make settings.

6.3.5.1-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.

6.3.5.2-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
  Parental Age Lock


  ⬦ Select                    MENU Back
  ⬦
```
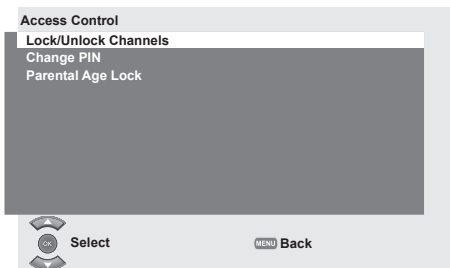
Lock/Unlock Channels: Select **Lock/Unlock Channels** tabs from Access Control menu and press **OK** button to confirm. All TV Channels list will be displayed; select the channel you want to preclude with **Up/Down** movement buttons and press **OK** button to confirm. **x** mark will be displayed at 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: 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.

Parental Age Lock: If it is supported by the broadcaster, this feature allows you to enter an age restriction between 4 and 18 for the programs broadcasted. If the program to be broadcasted is over the age restriction you entered, the channel will not be displayed and a password screen will appear. To view the program, correct password must be entered.

Note 1: 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.

6.3.5.3-Timers

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

6.3.5.4-Favourite Lists

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

6.3.5.5-Common Interface Module

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

6.3.5.6-System Menu

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

6.4-Performing Analogue Tunings

You can either tune the Analogue 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 Analogue 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 Analogue 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.

```
SETUP

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

(OK)  SELECT    (MENU) BACK
```
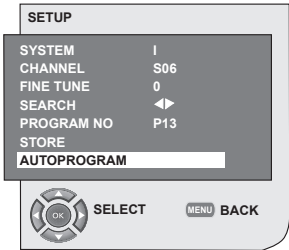
Select **PROGRAM NO** tab by pressing the **Up/Down** movement buttons in Setup menu, enter the channel number to be searched and stored automatically, then select **AUTOPROGRAM** tab by using the **Up/Down** movement buttons and press **OK** button; Country Selection menu will be displayed.

```
COUNTRY SELECTION

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

(OK)  START AUTOPROGRAMMING
```

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.

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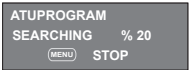
To stop the process at any given time, please press the **MENU** button. The Program Table, which will allow you to sort the channels as you wish, will be displayed after the auto-search is complete.

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

```
SETUP

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

   (OK)  SELECT      (MENU) BACK
```

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. 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 **L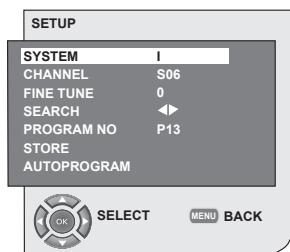eft** or **Right** movement buttons. The prompt **STORED** will be displayed briefly. The channel will be stored according to the program number of your choice. You can tune and store in memory other channels the same way. In the event that you wish to exit the channel settings menu for any reason, simply 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 Channel  06          11
02 Channel  07          12
03          08          13
04          09          14

    ● SKIP          ● NAME
    ● MOVE          ● DELETE

  (OK) SELECT    (MENU) BACK
```
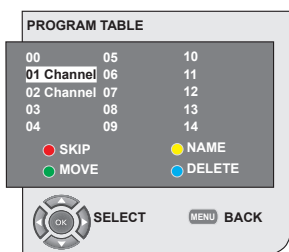
6.4.4.1-Switching the locations of the stored channels

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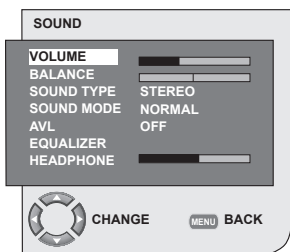
You can select the tab which you want to process with the **Down** movement button and set its level with **Left/Right** movement buttons.

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.

7.1.3-Sound Mode

If you want to give depth to the sound of the program you are watching, select **SPATIAL** item by using **Left/Right** movement buttons.

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-Equalizer

Select the **EQUALIZER** tab in the Sound menu and confirm with the **OK** button. The Equalizer menu is displayed.

```
EQUALIZER

MUSIC
SPORTS
CINEMA
SPEECH
USER

           120  500  1.5   5   10
           Hz   Hz  kHz  kHz  kHz

CHANGE    [MENU] BACK
```
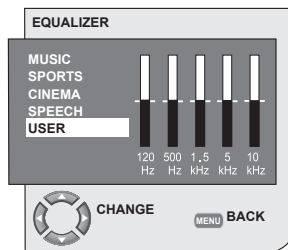
Using the **Left/Right**, **Up/Down** movement buttons, you may select either one of the preset **MUSIC**, **SPORTS**, **CINEMA** and **SPEECH** options which enhance the sound

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.

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**
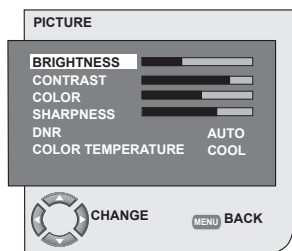
movement buttons. You can adjust **BRIGHTNESS**, **CONTRAST**, **COLOR** and **SHARPNESS** levels as you desire. The changes you have made in the picture settings will be stored in the memory without requiring any other operations.

7.2.2-DNR (Noise reduction) (Optional)

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 **Left/Right** movement buttons.

7.2.3-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 memory.

7.2.4-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** 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.

7.2.4.1-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.

7.2.4.2-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.

7.2.4.3-16:9

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.

7.2.4.4-14:9

This is a movie format.

7.2.4.5-4:3

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

7.2.4.6-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.

7.2.4.7-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 to be seen.

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** by pressing the **Up/Down** movement buttons from the main menu and press the **OK** button. The Features menu will be displayed.
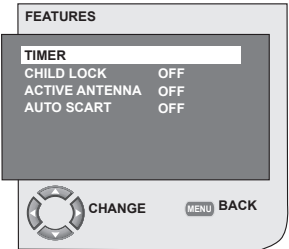
You can select the titles for which you would like to perform an operation in Features menu by using the **Up/Down** movement buttons.

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           - - : - -
ON TIME         - - : - -
OFF TIME        - - : - -
ON TIMER LIST   ANALOG
PROGRAM NO      P01


     CHANGE       MENU  BACK
```

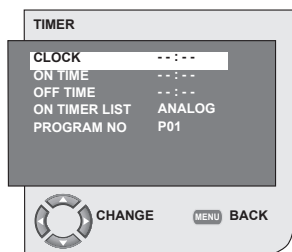Time data is obtained from Teletext; if no time data is available then select **TIME** with the **up/down** movement buttons and enter the current time with numeric buttons. Select the **ON TIME** and **OFF TIME** for television in the same manner and specify the time. From the **ON TIMER LIST** item, select your TV's on mode at the end of the set time. Enter the program number you desire with the numeric buttons or the external source with the **AV** button into **PROGRAM NO** 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-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.

7.3.4-Active Antenna

When this feature is set to On, you can feed an external antenna you will connect to your television by the tuner of your television without needing any external source.

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-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.
Note: PAT feature is for Analog mode only. There is not PAT feature in Digital mode.

8   Teletext (Analogue tv)

Being one of the most prominent services of broadcasting today, Teletext renders the TV more fruitful. Teletext means in short the transmission of various updated information along with the TV broadcast signal in the form of text and graphics. To be able to receive a quality teletext broadcast, a good antenna 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 order to switch your television to the teletext broadcast, press the **TXT** button 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 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 learn 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.

8.10-Fastext

The colored 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 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.

8.11-Toptext

There is a topics line in yellow and blue at the bottom of the teletext screen. You can select the relevant topic by pressing the yellow or blue buttons on the remote control. You can select the next page by pressing the red button and the previous page by pressing the green button.

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 whichever input you would like. Press the **Up/Down** arrow button on the remote to highlight the source. Then press the ok button to sellect this source.

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

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

SCART 1: To watch the picture of the 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).

SCART2 : To watch the picture of the device connected to Scart2, move onto this option and press the **OK** button.

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

AV: To watch the picture of the device connected using the RCA (Cinch) 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: To be able to watch the image when a connection is made via the HDMI socket.

YPBPBR (Component Input): To be able to watch the image when a connection is made via this socket.

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.
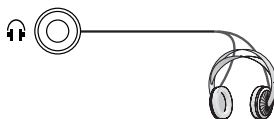
High Definition - HD ready

 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.

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9.1-Connection types for external devices

SCART SOCKET

VCR/VCD

DVD/PVR

DECODER

CAMCORDER

VIDEO GAME

HDMI input

R

L

VIDEO

S-VIDEO

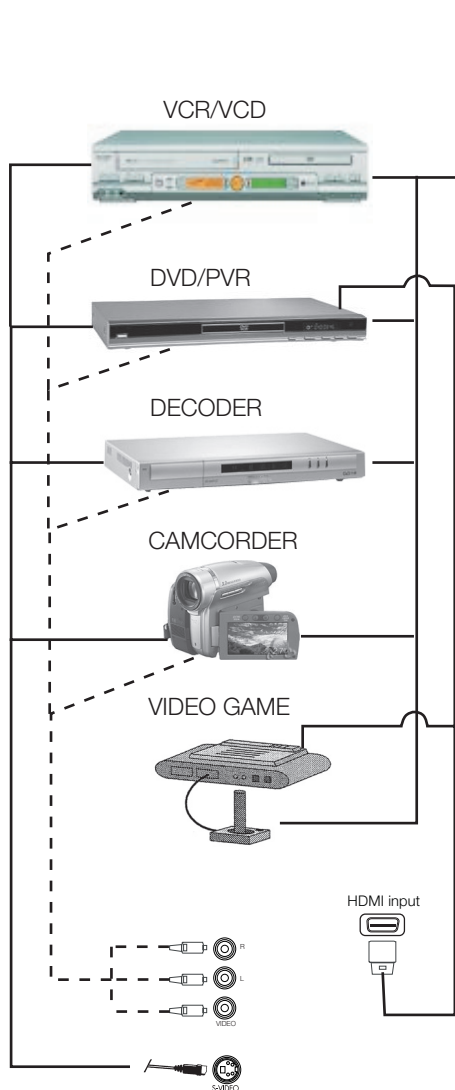Your TV is equipped with 8 inputs including antenna input, which allows for the external device connection. These inputs are:

1-Antenna input
2-VGA input
3-HDMI input
4-YUV Component input
5-S-VHS input
6-SCART input 1
7-SCART input 2
8-RCA 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 via the VGA input.

9.2.1-PC Connection:

Connect the D-Sub15 connector to the PC-IN input on the rear 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-Transition 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.

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

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 POSITION:
Horizontal position setting.

9.2.5-VERTICAL POSITION: 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: 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.

Note 2: In the Monitor mode, you can make the Brightness, Contrast, Sharpness, Red, Green and Blue Settings from the **PICTURE** menu.

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, your computer 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. In this case, if your external device supports, you can set the output as RGB.

9.3-Connecting a Video recorder device and a digital satellite receiver
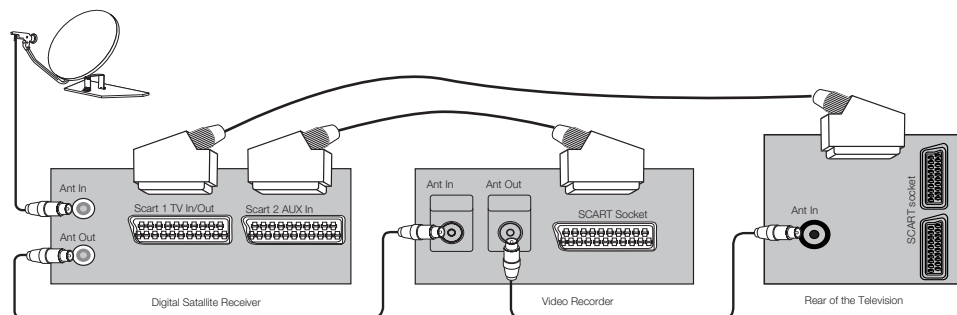
10 Help and tips

Failure	Possible cause	Solution
The television does not function	Is the power cord connected to the mains supply?	Check the power cord.
	Is the main power On/Off button on?	Check if the On/Off button is on.
Poor picture quality	Is the antenna cable attached?	Check the antenna cable.
	If you are using a satellite antenna, is it well adjusted?	Have the antenna adjusted.
	Antenna 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.	Channel setting	Perform automatic, manual channel setting or fine tuning.
	Antenna	Check antenna cable and system
No picture	Is there any damage on the antenna cable?	Check the antenna cable.
	Are you sure you pressed the correct button on your remote control?	Press PR+ or PR- button to turn on the TV.
No color	Color intensity level is at the lowest setting.	Lighten the color.
	Broadcast system setting (if setting choice is available)	Select the broadcast system.
	Problem in channel broadcasting.	Test with another channel.
No or defective teletext	Television channel (no teletext) or antenna system.	Test another channel for fine tuning and shadowy pictures
	Very weak signal	Check the antenna 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 or ring the helpline where you purchased the product. Never attempt to repair a faulty device yourself.

11 Technical specifications chart

SCREEN SIZE	32"
Panel type	32", 16:9 Active matrix TFT
Sound output	2x10 W
Power consumption	145 W
Stand by power value	2.5 W
Teletext page	10
Scart 1	STD
Scart 2	STD
Audio/Video PHONO(Input)	STD
S-Video socket	STD
YUV (Video/Sound) Component Input	STD
HDMI	STD
VGA Input	STD
PC Audio Input	STD
SPDIF Digital sound output	STD
Headphone socket	STD

STD: Standard

General technical specifications

Power supply AC:	230V 50 Hz
Program memory:	100
RF Aerial input:	75 Ohm (Co-axial)
Loudspeaker impedance:	8 Ohm
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.