

Goodmans

Model GTV32W3LCD

User Guide



Goodmans LCD Colour Television

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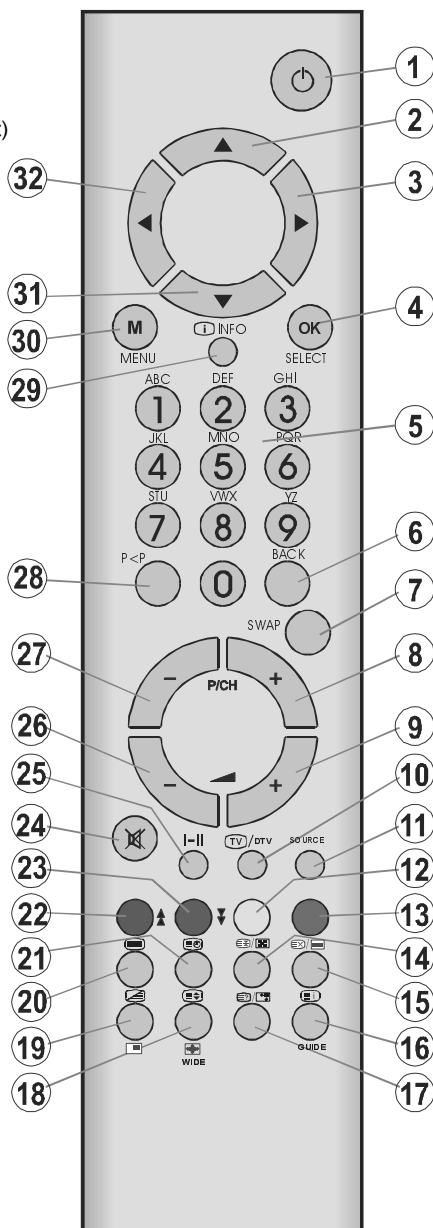
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IMPORTANT NOTE:

VCR connection via an RF aerial lead, if the installation employs this method of connection the TV channel the the VCR occupies "i.e. number6" needs to have the VCR function enabled in the channel settings menu. Please refer to page 28 of these instructions for more detail.

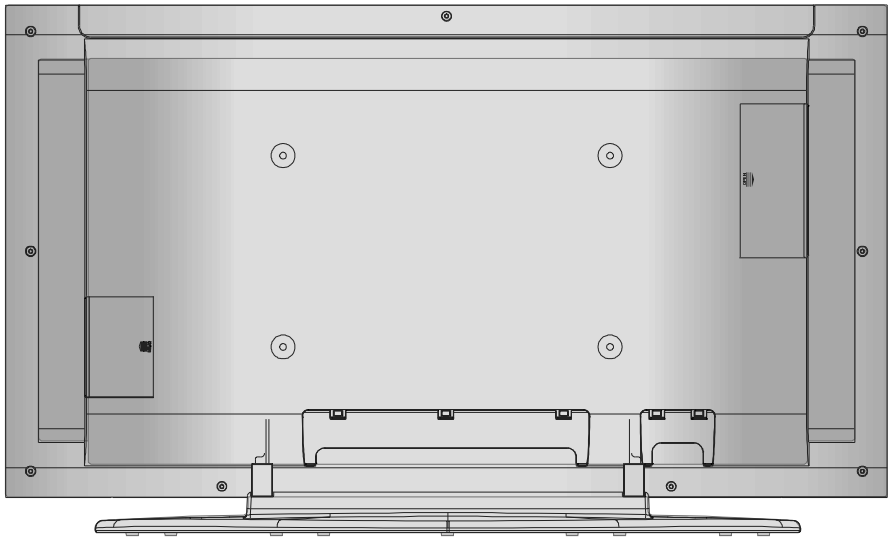
Remote Control Buttons

- 1 = Stand By
- 2 = Cursor Up
- 3 = Cursor Right
- 4 **OK / SELECT** = Okay, Freeze (In analogue Broadcast)
- 5 **0 - 9** = Numerical / Direct Program
- 6 **BACK** = MENU Quit
- 7 **SWAP** = Programme swap / Source swap
- 8 **P/CH +** = Programme Up
- 9 = Volume Up
- 10 = TV / IDTV mode (To change between analogue-Digital broadcast)
- 11 **SOURCE** = External source
- 12 **YELLOW ***
- 13 **BLUE ***
- 14 = Hold / PIP position
- 15 = Update / Split screen
- 16 = Index Page / Electronic Programme Guide (EPG)
- 17 = Reveal / PIP size
- 18 **WIDE** = Expand / Image size
- 19 = Mix, = PIP on / PIP off
- 20 = Teletext
- 21 = Time / Subpage
- 22 / **RED** = Page Down / *
- 23 / **GREEN** = Page Up / *
- 24 = Mute
- 25 **I-II** = Mono/Stereo - Dual A-B
- 26 = Volume Down
- 27 **- P/CH** = Programme Down
- 28 **P<P** = Previous Programme
- 29 **INFO** = Information button (Program Table)
- 30 **M / MENU** = Menu
- 31 = Cursor Down
- 32 = Cursor Left

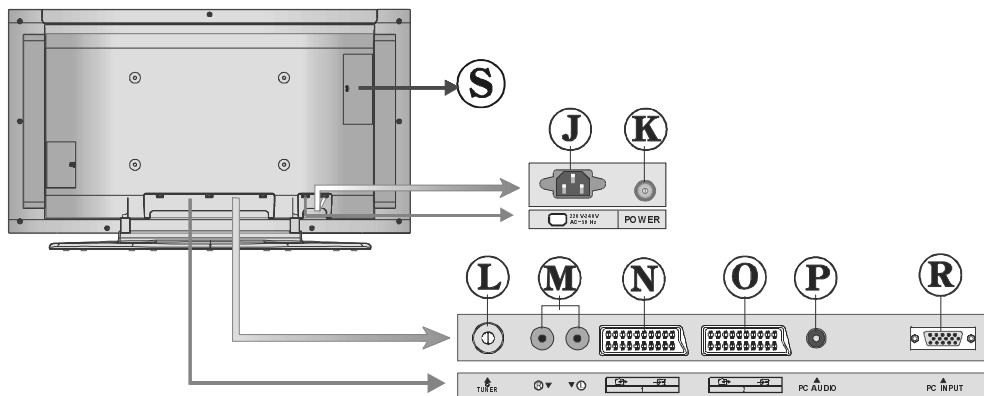
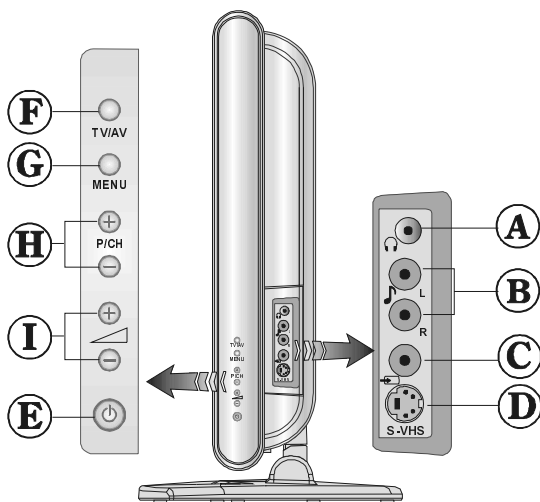


* Coloured buttons are used in ELECTRONIC PROGRAMME GUIDE (7 Day) menu navigation, and in digital teletext.

Control Panel Buttons



- Ⓐ Headphone
- Ⓑ Audio Input (Left, Right)
- Ⓒ Video Input
- Ⓓ S-VHS Input
- Ⓔ STAND BY button
- Ⓕ TV/AV button
- Ⓖ MENU button
- Ⓗ Program Up, Program Down buttons
- Ⓘ Volume Up, Volume Down buttons
- Ⓙ Power cord input
- Ⓚ On/Off switch
- Ⓛ RF (Aerial) Input
- Ⓜ Audio Line Out L, R
- Ⓝ Scart Socket 1 (AV-1)
- Ⓞ Scart Socket 2 (AV-2)
- Ⓟ PC Audio In
- Ⓡ PC Input
- Ⓢ CI (Common Interface) Slot



Installation Of The TFT TV To The Wall

- 1- To install the TFT TV on the wall, first of all, foot assembly should be removed. (Figure 1). Unscrew the 4 screws (4 x 6) that attach the foot assembly to the TFT panel and remove the foot assembly from the TFT panel.
- 2- Place the 4 plastic pins to the circular screw holes at the rear of the TFT and screw them to the TFT panel with 4 (6 x 20) screws.
- 3- Decide the place on the wall where the TFT panel would be placed. Fix the **stencil wall mount** (shown in Figure 2) on the wall.
The stencil wall mount is used for placing the wall hangers on the wall, properly.
- 4- Level and mark with a pencil the 4 mounting points on each wall hanger.
Drill pilot holes for the plastic anchors (7x30) and then fix the wall hangers with 8 screws (4 x 30).
- 5- Raise the TFT panel and hang it to the holes on the wall hanger from the 4 hanging screws at the rear of the TFT panel.

Important note: This panel should only be hung on a brick or block wall, it must not be hung on a plasterboard or a stud wall.

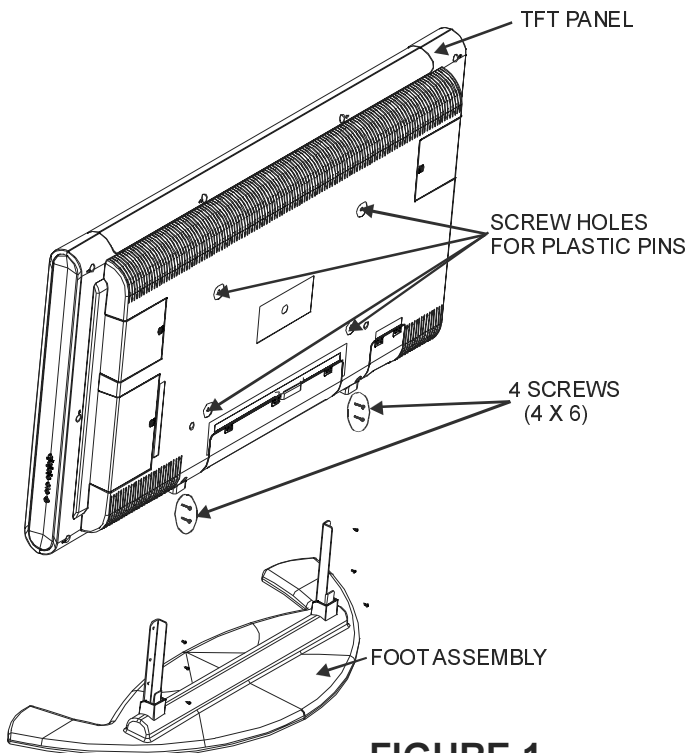


FIGURE 1

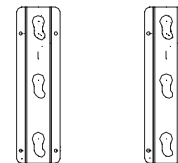
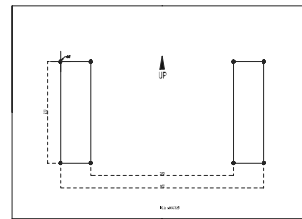
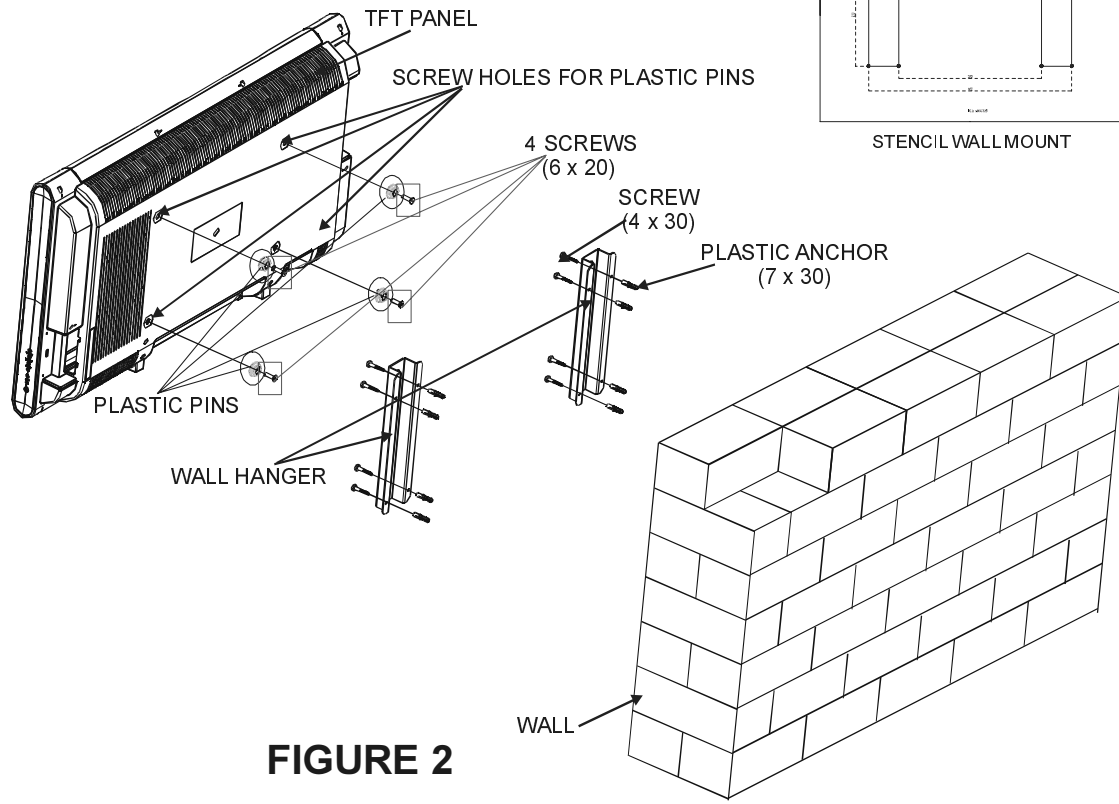


FIGURE 2

Features

- Remote controlled color television.
- 100 channels from VHF or UHF bands.
- It can tune cable channels.
- Controlling the TV is very easy by its menu driven system.
- It has 2 Scart sockets for external devices (such as video, video games, audio set, etc.)
- Stereo sound system (Nicam).
- Full function Teletext .
Fastext (10 Pages)
- It is possible to connect headphone.
- Direct channel access.
- A.P.S. (Automatic Programming System).
- All channels can be named.
- Programme swapping between last watched and current channels.
- Forward or backward automatic tuning.
- Sleep timer.
- Automatic sound mute when no transmission.
- **Fill all, zoom, letterbox, subtitles, normal, 14:9, cinema and auto**, Auto switch WSS (Wide Screen Signaling).
- NTSC Playback.
- Side SVHS socket.
- Side AV socket.
- It has VGA connector for external devices such as computer.
- It has PIP / PAP / PAT functions.
- AVL (Automatic Volume Limiting)
- Child Lock.
- When no valid signal is detected, after 5 minutes the TV switches itself automatically to stand-by mode.
- PLL (Channel Search)
- PC input (Support Up to WXGA 1366 x 768)
- Headphone output.
- Stereo PC Audio Input
- Plug&Play for Windows 9X, ME, 2000, XP

- Audio Line Out

Panel Features

- High resolution, 32-inch TFT LCD display.
- WXGA resolution (1366 x 768)
- Contrast ratio (1000:1 typical)
- Brightness (typical) 550 cd/m²
- Response time (typical) 8 msec.
- Viewing angle (typical) 176° (horizontal) and 176° (vertical).
- Display colour 16.7 Million.

Safety Precautions

1. Power Source

The receiver should be operated only from a **230-240V AC, 50 Hz.** outlet.

2. Power Cord

The power supply cable should be placed so that it is not likely to be walked on or pinched by items placed upon them or against it. Pay particular attention to cord where it enters the plug, power outlet, and the point where it exits from the receiver.

3. Moisture and Water

Do not use this equipment in a humid and damp place (avoid the bathroom, the sink in the kitchen, and near the washing machine). Do not expose this equipment to rain or water, as this may be dangerous and do not place objects filled with liquids on top. Avoid from dripping or splashing.

4. Cleaning

Before cleaning, unplug the receiver from the main supply, outlet. Do not use liquid or aerosol cleaners. Use soft and dry cloth.

5. Ventilation

The slots and openings on the receiver are intended for ventilation and to ensure reliable operation. To prevent overheating, these openings must not be blocked or covered in anyway.

6. Lightning

In case of storm and lightning or when going on holiday, disconnect the power cord from the wall outlet.

7. Servicing

Please refer all servicing to qualified personnel. Do not remove cover as this may result in electric shock.

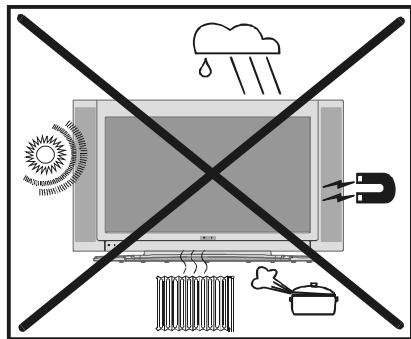
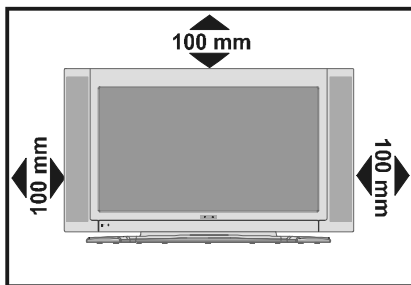
8. Naked Flame Sources

Do not place naked flame sources on the apparatus.

WARNING: When the device is not in use for a long time, disconnect from power.

Instructions for waste disposal:

- Packaging and packaging aids are recyclable and should principally be recycled. Packaging materials, such as foil bag, must be kept away from children.
- Battery, including those which is heavy metal-free, should not be disposed of with household waste. Please dispose of used battery in an environmentally sound manner. Find out about the legal regulations which apply in your area.
- Cold cathode fluorescent lamp in LCD PANEL contains a small amount of mercury, please follow local ordinances or regulations for disposal.

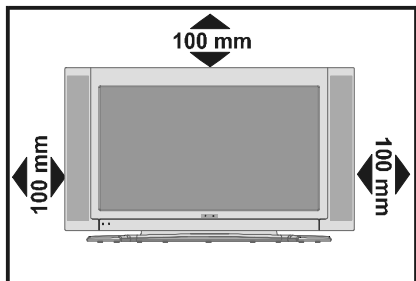


"The LCD panel is very high technology product with about a million thin film transistors, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product."

"DO NOT LEAVE THE TV IN STAND-BY OR ON WHEN YOU LEAVE YOUR HOUSE"

Preparation

For ventilation, leave a space of at least 10 cm free all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set.



Use this apparatus in moderate climate.

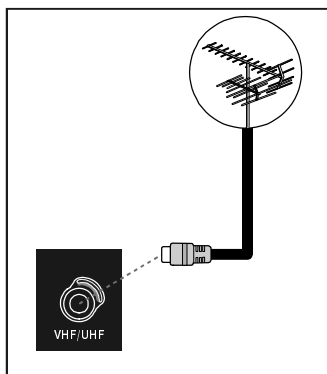
Before Switching On The TV

Power Connection

IMPORTANT: The TV set is designed to operate on **230-240V AC, 50 Hz**.

- After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains.

Connections To The RF Input Socket



- Connect the aerial plug to the RF input socket located at the back of the TV.

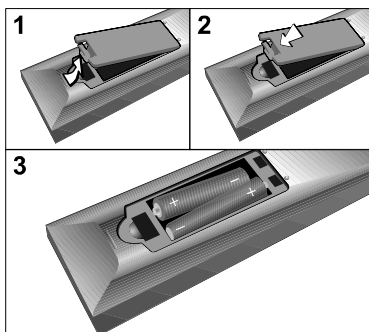
How To Connect Other Devices

IMPORTANT: Switch off the TV before connecting any external device.

Sockets for external connections are at the back and side of the TV. For connection of other devices via scart refer to the manuals of the related devices.

Inserting Batteries In The Remote Control Handset

- Insert the batteries observing the correct polarities as shown below.
- Remove the battery cover located on the back of the handset by gently pulling upwards from the indicated part.
- Insert two **AAA** or equivalent type batteries inside.
- Replace the battery cover.



NOTE: Remove batteries from remote control handset when it is not to be used for a long period. Otherwise it can be damaged due to any leakage of batteries.

Switching The TV ON/OFF

To switch the TV on:

- 1- Connect the power supply cable to the system. Press On/Off switch at the rear of the TV. Then the TV switches itself to stand-by mode and the blue LED on the front panel illuminates.
- 2- To switch on the TV from stand-by mode either:

Press a digit button on the remote control so that a programme number is selected,
or,

Press "⏻", "-P/CH" or "P/CH+" button at the


side of the TV or press “-P/CH” or “P/CH+” button on the remote control.

The TV will switch on and the LED extinguish.

To switch the TV off:

- Press the “stand-by” button on the remote control, the TV will switch to stand-by mode and the LED will illuminate **Blue**,

or,

Press the “” button located on the side of the TV, the TV will switch off and the LED will illuminate **Blue**.

or,

To power down the TV completely, press On/Off switch,

or unplug the power cord from the mains socket.

Initial Settings

When the TV is turned on for the first time, it defaults to IDTV function.

Because this is the first time that IDTV has been used, there are no channels stored in the memory and the following message appears on the screen.

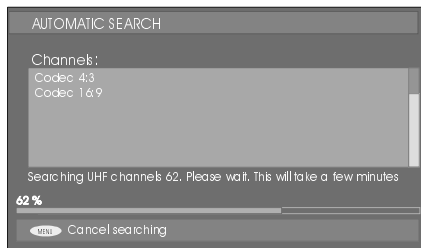
Please ensure aerial is plugged in. Do you want to start first time installation?

Yes

No

- To start installation process, select “**Yes**”, to cancel select “**No**”.
- To select an option “**Yes** or **No**”, highlight the item by using ◀ or ▶ buttons and press “OK” button.

The IDTV will automatically tune to the UHF transmission channels 21 to 68 looking for digital terrestrial TV broadcasts and displaying the names of channels found. This process will take about five minutes. To cancel searching, press “MENU” button at any time during the process.



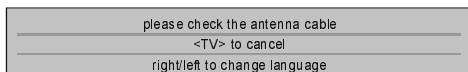
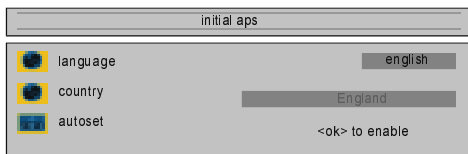
After **Automatic Search** process is completed, the following message asking for analogue channel search appears on the screen.

Do you want to search for analogue channels?


Yes

No

To search for analogue channels, select “**Yes**” option. TV switches to the analogue TV mode. The menu below is displayed to search for analogue channels.



In **initial aps** menu:

- Using ▲ or ▼ buttons, highlight the “**language**” item and select the language in which the menus of the TV will appear. To see the available languages using ◀ or ▶ buttons. As soon as a change is made to the language, the menu items will be displayed in the selected language.
- Using the ▲ or ▼ buttons highlight the “**country**” item and select your country using ◀ or ▶ buttons. This will affect the sort process in **initial aps**.
- To close **initial aps** menu, press “/DTV” button.

During **initial aps** the message below appears on the screen.



To cancel initial aps, press "MENU" button.

After **initial aps** is finalized, a programme list will appear on the screen. In the programme list the programme numbers and names assigned to the programmes will be shown.

program table		
01 CNN	11	21
02 RAI2	12	22
03 SAT	13	23
04 RAI3	14	24
05 TV5	15	25
06 ZDF	16	26
07 RA1	17	27
08 C02	18	28
09 S07	19	29
10 C05	20	30
Delete	Insert	Name

If the locations and / or the programme names of programmes are incorrect these can be changed in the Programming menu. For details see Programming menu on page 28.

To display channel list in IDTV, switch to the IDTV via pressing **TV/DTV** button. Then press "MENU" button to enter main menu, **Channel List** will be highlighted press "SELECT" button to enter the menu. For detailed information see page 14.

Basic Operations

Operation with the buttons on the TV

Volume Setting

- Press "**-** " button to decrease volume or "**+** " button to increase volume, a volume level scale (slider) will be displayed in the middle of the bottom on the screen.

Programme Selection

Press "**P/CH+**" button to select the next

programme or "**PCH-**" button to select the previous programme.

Entering Main Menu

- Press "**MENU**" button to enter Main menu. In the Main menu select sub-menu using "**- P/CH**" or "**P/CH +**" buttons and enter the sub-menu using "**-** " or "**+** " buttons.

Operation with Remote Control

The remote control handset of this TV is designed to control all the functions of the TV.

Volume Setting

Press "**+** " button to increase volume. Press "**-** " button to decrease volume. A volume level scale (slider) will be displayed at the centre bottom of the screen.



Programme Selection (Previous or next programme)

- Press "**- P/CH**" button to select the previous programme.
- Press "**P/CH +**" button to select the next programme.

Programme Selection (direct access):

Press digit buttons on the remote control to select programmes between 0 and 9. TV will switch to the selected programme. To select programmes between 10 - 999 for IDTV and 0-99 for analogue TV, press the digit buttons consecutively (eg. for programme 27, first press 2 and then 7).

Press directly the programme number to reselect single digit programmes.

Hint: The channel list numbers are assigned by the broadcasters. Because not all channels are broadcast free-to-air and stored by the receiver, the channel list numbers do not run continuously. The fifteenth channel in the list, for example, may not be channel number 15 but channel number 17.

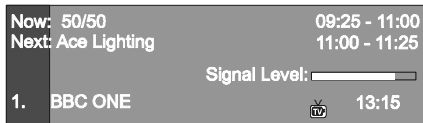
Hint: If a number which does not correspond to a stored channel is input, the next valid channel number is selected instead. If a number greater than the highest numbered channel in the channel list is input, the IDTV will select the last channel in the list.

Everyday Operation

Pressing the “**TV**/DTV” button at any time while watching television programmes will switch the TV set between the digital terrestrial television broadcasting and the analogue broadcasting.

Information Banner

- Whenever changing channel, using the **P/CH +** or **- P/CH** buttons or the number buttons, TV displays the channel picture along with an information banner at the bottom of the screen. This will remain on the screen for approximately three seconds.
- The information banner can also be displayed at any time while watching TV by pressing the “**INFO**” button on the remote control and disappears after a while.



The information banner gives a number of facts on the channel selected and the programmes on it.

- The name of the channel is displayed, along with its channel list number and an indication of the strength of the signal received on this tuning channel.
- The current and next programme information is given with the start and finish time.
- The current time information is displayed along with the channel name.

Hint

Not all channels broadcast the programme data. If the name and times of the programme is not available then “No Information Available” is displayed in the information banner.

Icons are also displayed in the information banner.

If the channel is set as favourite channel,



is displayed next to the channel.

If the selected channel is locked, the correct

four digit code must be entered to view the channel.

Enter Lock Key

*

ELECTRONIC PROGRAMME GUIDE (EPG)

Some, but not all, channels send information about the current and next events. Please note that event information is updated automatically. If there is no event information data available in channels, only channel names with “**No Information Available**” banner is displayed.

- Press “**GUIDE**” button to view the **EPG** menu.
- In EPG Menu, you can easily see the extended help information by pressing “**INFO**” button and by pressing this button again you can close this window.



- In the EPG Menu all channels are displayed. Current channel is highlighted when you enter the EPG menu.

- Use **▲** or **▼** buttons to change channels.

Also press **▲** or **▼** buttons to make page up/down scroll for the channels. And press “**SELECT**” button to watch the highlighted channel.

- If a programme is highlighted a short description, extended description, start and fin-

ish times of the programme are displayed on the screen.

- When the current programme is highlighted, the box is switched to the highlighted channel by pressing “SELECT” button.
- Pressing “SELECT” button when a future programme is highlighted, sets a reminder for the highlighted programme and a clock icon appears adjacent to the highlighted channel.

When a programme reminder time is reached a message will appear on the screen advising that the TV will switch to the channel the reminder was set for unless select is pressed to cancel the switch.

- Press “**MENU**” to view the 7 day EPG.
- Press ▲ or ▼ buttons to navigate in Channels or Programmes.
- Press ◀ or ▶ buttons to navigate through the channel and programme list.



- With “**RED/GREEN**” buttons the time window in the schedule can be adjusted pressing “**YELLOW/BLUE**” moves the day displayed forward or backwards in the guide.
- Press “**INFO**” button to see the detailed help information pressing “**INFO**” button again exits the Help menu.
- The starting time for **EPG** is the current time. Programme information for the following 2 hours is shown in the guide pane. Press ▲ or ▼ buttons, to move through the available programme information in the guide.



Displaying The Subtitles

With Digital terrestrial broadcasting (DVB-T), some programmes are broadcast with subtitles. Subtitles can be displayed when watching such programmes.

Press “**MENU**” button to display the Main menu, highlight the **Configuration** item using ▲ or ▼ buttons and press “**SELECT**” button to display the Configuration menu.

Highlight the “**Subtitle**” item in Configuration menu and use ◀ or ▶ buttons to set Subtitle to off or a language.

If “**Subtitle**” is on via selecting one language option, pressing (≡) button causes the following warning message display on the screen.



DIGITAL TELETEXT

With Digital terrestrial broadcasting (DVB-T), in addition to pictures and sound, there is also digital teletext.



1. Press the (≡) button.

The digital teletext information appears.

2. Operate it with the colour buttons, ◀/▶/▼/▲ buttons and OK button.

The operation method may differ depending on the contents of the digital teletext.

Follow the instructions displayed on digital teletext screen.

- When “Press SELECT” button or similar message appears on the screen, press the “SELECT” button.
- When the  (Text) button is pressed, the TV returns to television broadcasting.
- With Digital terrestrial broadcasting (DVB-T), in addition to digital teletext broadcasting at the same time as normal broadcasting, there are also channels with just digital teletext broadcasting.
- The aspect ratio when watching a channel with just digital teletext broadcasting is the same as the aspect ratio of the picture watched previously.
- Press the  (Text) button again, the digital teletext screen is displayed.

Over Air Download

Over Air Download (OAD): To ensure that this IDTV always has the most up-to-date software. Please ensure that after use it is set to its standby mode. At 3AM each day, the IDTV automatically searches for any new software which may be broadcast and will download this to the IDTV automatically. This operation will normally take approximately 30 seconds.

For this to happen the automatic download option needs to be “**Enabled**” in Receiver Upgrade setting. For details see page 18.

Widescreen


Depending on the type of broadcast being transmitted, programmes can be viewed in a number of formats. Press the “WIDE” button and use ◀ or ▶ buttons repeatedly to select between **fill all (16:9)**, **zoom**, **letterbox**, **subtitles**, **normal**, **14:9**, **cinema** or **auto**.

When **Auto** is selected, the format being displayed is determined by the broadcast.

Please Note: Menu size changes depending on the chosen image size.

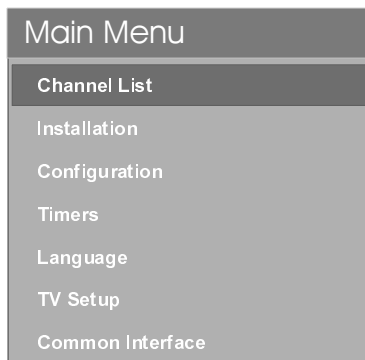
IDTV Menu System

The IDTV menu can only be shown when watching Digital terrestrial broadcasting.

Press /DTV button to turn IDTV on while TV is in analogue mode.

1. Press MENU button.

The following menu appears on the screen:



Channel List

Using ▲ or ▼ buttons on the remote control in make sure that the first item, Channel List, is highlighted and press the “SELECT” button to display the **Channel List**.

The following operations can be performed in this menu:

1. Navigating the list of channels
2. Deleting channels
3. Renaming channels
4. Adding locks to channels
5. Setting favourites

Channel List is the place where the channels are managed.



Navigating the whole channel list

- Press ▲ or ▼ buttons for selecting the previous or next channel.
- Press ▲ or ▼ buttons to move page up or page down.

To watch a specific channel, highlight it using ▲ or ▼ buttons and then press “SELECT” button, while the “Select” item on Channel List menu is highlighted by using ◀ or ▶ buttons.

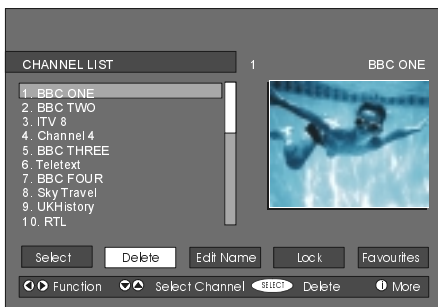
Then the name and number of the selected channel will be displayed in the top-left and top-right of the channel display at the top-right of the screen, respectively.

Deleting the channels in the channel list

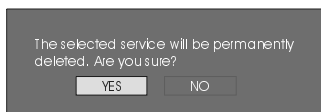
Press ▲ or ▼ buttons to select the channel that will be deleted.

Press ◀ or ▶ buttons to select the “Delete” item on Channel List menu.

Press “SELECT” button to delete the highlighted channel in the channel list.



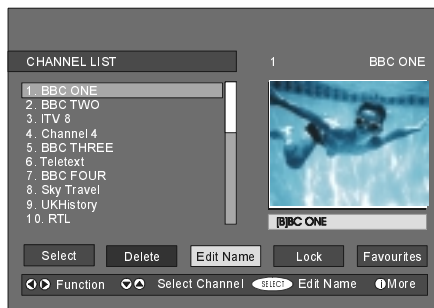
Then the message below appears on the screen.



Press ◀ or ▶ buttons to highlight the desired option. If “SELECT” button is pressed while “Yes” is highlighted, the highlighted channel is deleted. Selecting “NO” cancels the delete operation.

Renaming channels

To rename a specific channel, the channel must be highlighted using ▲ or ▼ buttons and then highlight the “Edit Name” item using ◀ or ▶ buttons. Press “SELECT” button to activate rename feature.



Now using ◀ or ▶ buttons moves to the previous/next character. Pressing ▲ or ▼ buttons toggles the current character, i.e., ‘b’ character becomes ‘a’ on ▼ and ‘c’ on ▲. Pressing the numeric buttons ‘0...9’ replaces the highlighted character with the characters printed above the key one by one as the button is pressed.

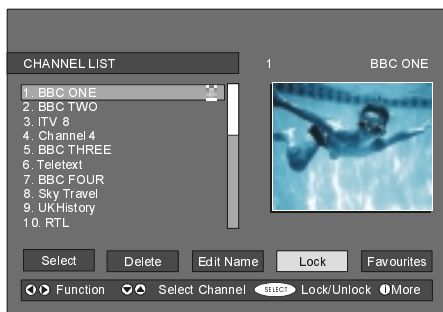
Press the “MENU” button to cancel editing and “SELECT” button to save the new name.

Adding locks to channels

Channel Locking provides a password-protected access to channels selected by parents.

In order to lock a channel the parental lock password is required (default value is set to 0000 in the factory and can only be changed from the **Configuration Menu**).

Using ▲ or ▼ buttons, highlight the channel to be locked and select the “Lock” option using ◀ or ▶ buttons. Then press the “SELECT” button, a password box is displayed. Enter the lock key (0000 default value). To unlock the locked channel press “SELECT” button while the locked channel is highlighted.



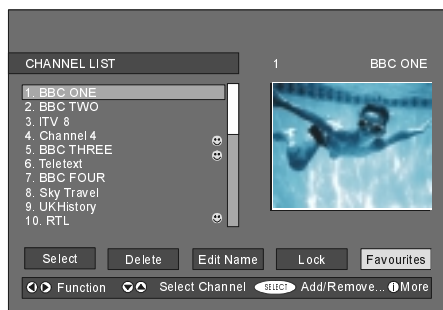
Enter Lock Key

Setting Favourites

To set various channels as favourites so that only the favourite channels are navigated. To set a favourite highlight the “Favourites” item at bottom of the Channel List menu.

Use ◀ or ▶ buttons to highlight the “Favourites” item at the base of the screen and then, in turn, highlight each channel to add to the favourites list, using the ▲ or ▼ buttons (or ▲ / ▼ buttons), and press “SELECT” button.

A channel selected as a favourite appears in the main channel list with a favourites icon “☺” against the channel name.



On Screen Help Pressing INFO Button

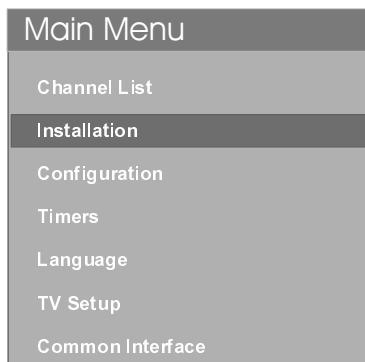
For all menus press “INFO” button to display the help information about the menu functions. For **Channel List** menu the following message is displayed on the screen.

Press the SELECT button on your remote control to tune to the highlighted channel.
Press MENU to exit this screen.

Hint:

Using the MORE function by pressing the “INFO” button gets quick and easy use of the all menus in IDTV displaying information for the highlighted menu item.

Installation



This menu includes the following items:

1. Add New Channels
2. First Time Installation.



ADD NEW CHANNELS:

This tuning menu consists of two parts:

- Automatic Search
- Manual Search

Automatic Search:

Automatic search is started by pressing “SELECT” button in the auto-search pop up menu. All the services are searched and a channel table is created automatically.

All channels found are stored in a sorted form with respect to their channel numbers. Some services may not appear with the correct channel number. At the time of printing, not all broadcasters are sending their channel number information.

Manual Search:

In manual search, the channel number of the multiplex is entered manually and only that multiplex is searched for the channels. For every valid channel number, signal level, signal quality and network name are shown at the bottom of the screen.

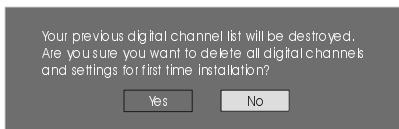
In both manual and auto search any existing channel in the database is not re-stored to avoid redundant duplicates of that channel.

FIRST TIME INSTALLATION

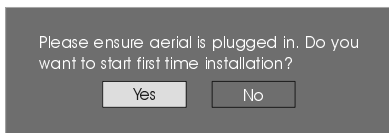
The user can use this item to load default settings, which had been loaded to the receiver at the factory.



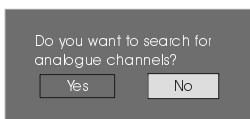
To install factory settings, highlight “**First Time Installation**” menu and press “**SELECT**” button, then confirm deletion all channels and settings. Highlight “**Yes**” by using ◀ or ▶ buttons and press “**SELECT**” button. The existing channel table will be deleted.



After factory settings are loaded, “**First Time Installation**” menu will be displayed.

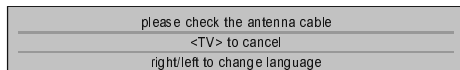
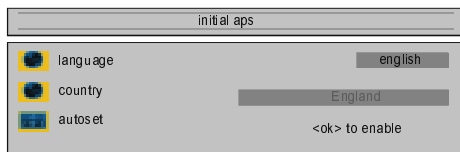


Press “**SELECT**” button whilst “**Yes**” is highlighted to start installation. After the channel search is completed a message asking to search for analogue channels appears on the screen.



Highlight “**Yes**” and press “**SELECT**” button to search for analogue channels. The follow-

ing menu appears on the screen for analogue channel search.



Using ▲ or ▼ buttons, highlight the item to adjust. Using ◀ or ▶ buttons adjust “**language**” and “**country**” items.

Press “**OK**” button to start the autoset operation when “**autoset**” item is highlighted.

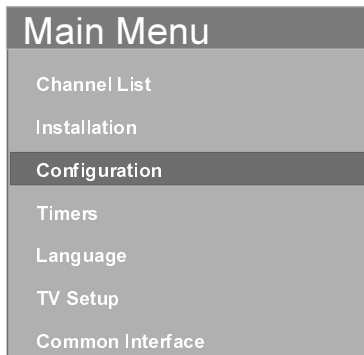


After APS is finalized, the programme table will appear on the screen. In the programme table the programme numbers and names assigned to the programmes will be seen.

If the locations and / or the programme names are incorrect they can be changed. (See page 29 for Program table explanation.)

Configuration

Press “**MENU**” button to display the Main Menu and the ▼ button twice to highlight **Configuration**, then press “**SELECT**” button to display the Configuration menu. Press “**MENU**” button to exit the menu.



The various configuration functions are displayed in a list, along with a quarter-screen image of the currently selected channel. You can select a function by highlighting the corresponding menu line using the ▲ or ▼ buttons.



Audio Language

Digital terrestrial television channels can broadcast simultaneous soundtracks in more than one language. This function selects which language soundtrack you will hear when switching to a channel broadcasting with the multiple soundtracks.

Highlight the **Audio Language** item in the configuration menu and use ◀ or ▶ buttons to cycle through the language options.

Subtitle

Digital terrestrial television channels can broadcast with subtitles displayed on-screen for the hard-of-hearing. This function selects the desired subtitle language and enables the automatic display of subtitles whenever subtitle information is broadcast.

Highlight the **Subtitle** item in the Configuration menu and use ◀ or ▶ buttons to cycle through “Off” and language options.

Return to normal TV viewing by pressing the “MENU” button.

Favourite Mode

This function enables or disables the favourite channel list mode. See Channel List menu Favourites on page 16.

Use ◀ or ▶ buttons to turn favourite mode on/off. If the “**Favourite Mode**” is on, in normal operating mode pressing “P/CH+” and “-P/CH” buttons will only navigate

through the channels that were previously defined as favourites in Channel List.

If there is no favourite channel in the Channel List menu, the following warning message appears on the screen during Favourite Mode adjustment.



EPG Preference

Digital terrestrial television channels can broadcast simultaneous Next&Now and 7-Day electronic programme.

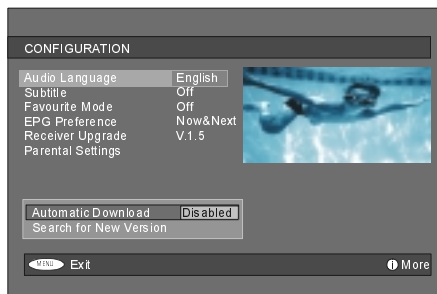
Highlight the EPG Preference item in the Configuration menu and use the ◀ or ▶ buttons to select **Next&Now** or **7-Day**.

Receiver Upgrade

The IDTV can be upgraded via the configuration menu.

In the configuration menu, highlight the “**Receiver Upgrade**” item by pressing ▲ or ▼ buttons and press “SELECT” button to start upgrade process.

There are two possibilities for Receiver software to be upgraded: **automatic** and **manual**.



Automatic Download (Automatic upgrade)

Automatic Download can be enabled or disabled by pressing ◀ or ▶ buttons. If it is enabled, then there are two ways for automatic upgrade.

The first one is checking the existence of new software every time the IDTV goes to standby. The second one is waking up at

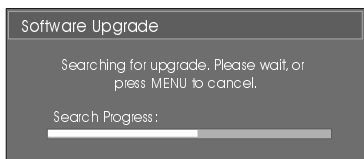
03:00 a.m. every night, provided that the IDTV is left in standby mode.

If the automatic upgrade is set to 'Disabled' then this function will not work.

Search For New Version (Manual upgrade)

Manual upgrade starts if the “**Search for New Version**” item is highlighted by using ▲ or ▼ buttons and activated via pressing “**SELECT**” button.

After “**Search for New Version**” is activated, the IDTV tunes to each frequency that have been stored in its database and looks for the new software.

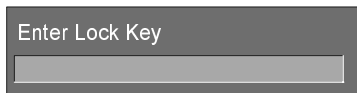


Parental Settings

Some channels broadcast material which may be unsuitable for younger viewers. Any channel can be 'locked' so that it cannot be selected for viewing without first a four-digit PIN code being entered. In this way any channel not suitable for younger viewers can be protected.

This function enables or disables the menu protection system and allows the PIN code to be changed. Channel And Menu Protection Lock feature.

Use ▲ or ▼ buttons to go to Parental Settings option. Press “**SELECT**” button to enter Parental Settings Menu. A box asking for the lock key is displayed.



There is only one key which is set to “0000” initially. Enter lock key. If wrong Lock key is entered, the following message is displayed on the screen.



If it is correct, the Parental Settings Menu including following items is displayed:



It's possible to set/reset locking for the Main Menu, or the Installation Menu to restrict access. If the menu lock is disabled, there will be free access to the menu system. Also in this menu it is possible to change the lock key and set/change parental lock mode.

Disabled: All menus are unlocked.

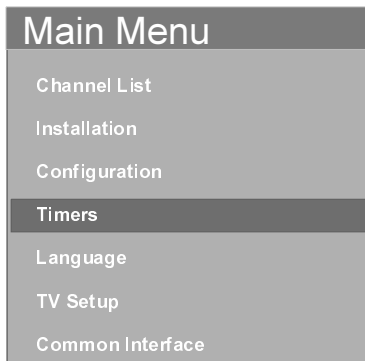
Main Menu: Main menu is accessible only with the correct lock key. So the user cannot add, delete, rename, move channels, cannot set timers.

Installation: Installation menu is locked, so the user cannot add channels.

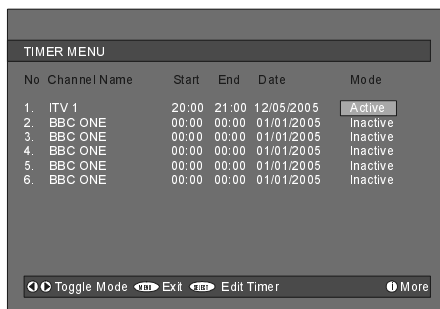
Changes will be updated after exiting Configuration Menu.

Timers

Display the Main Menu by pressing the “**MENU**” button. Highlight the **Timers** item by pressing ▲ or ▼ buttons and press “**SELECT**” button to display the Timer menu.



Up to five separate timer events can be set and each is displayed in the Timer screen, showing the event number, the channel to be selected, the start time, end time, date and the mode - whether that event is active (and will be acted on) or not.



- To set an event, highlight its mode button using ▲ or ▼ buttons and press “SELECT” button to display the timer entry window.

Name:	3. ITV 1
Start:	00:00
End:	00:00
Date:	03/06/2005
Mode:	Once

- Here the five settings of channel name, start time, end time, date and frequency mode can be set. Move between each setting using ▲ or ▼ buttons.
- The channel name is set using ◀ or ▶ button to display the channel which broadcasts the programme to be recorded.
- The start time, end time and date are each set with the number keys on the remote control in 24-hour format.
- The frequency mode determines how often the receiver operates this event and is set with ◀ or ▶ buttons to be either **Once**, **Daily**, or **Weekly**.

Hint

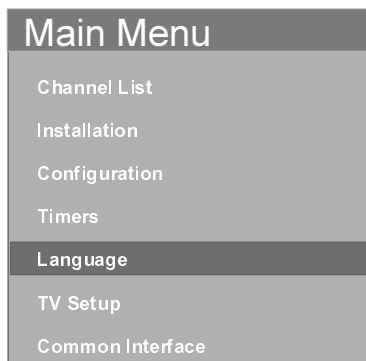
If an invalid number for the start or end times or the date are entered, one of the following messages appear on the screen depending on the mistake during the time or date entry.

“End time cannot be the same as start time”,
 “Please choose a date and time in the future” or
 “Entered time is not valid”.

Language

Some programmes are broadcast in two or more languages simultaneously. The language heard can be selected from the Language Menu.

- Press “MENU” button to display the Main Menu and use the ▲ or ▼ buttons to highlight the Language line and press “SELECT” button.



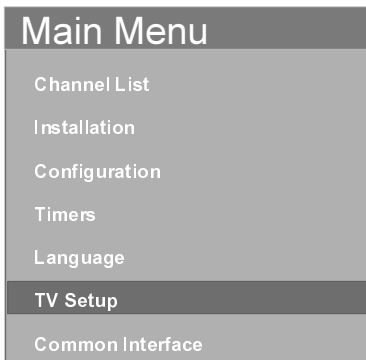
- Use the ▲ or ▼ buttons to highlight the soundtrack language required and press “SELECT” button. Normal viewing, with the required language soundtrack, can be resumed by pressing the “MENU” button.



- If the programme has no alternative language soundtrack broadcast, the Language Menu will not be available, but a message, “**No Multi Language Available**” is displayed briefly.

TV Setup

The TV Setup menu screen is accessed from the main menu. Press the “MENU” button to display the main menu and use ▲ or ▼ buttons to highlight “**TV Setup**”, press “SELECT” button to display TV Setup menu screen.

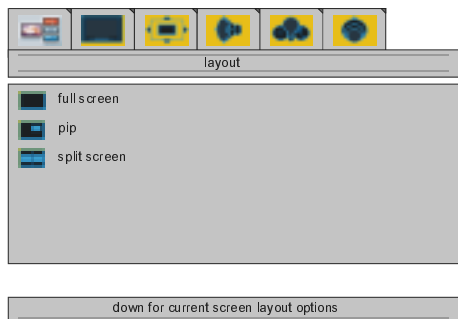


Detailed information for all menu items is in Analogue TV Menu System section on page 23.

Layout Menu

Using ◀ / ▶ buttons, select the first icon. Layout menu appears on the screen.

Using ▲ or ▼ buttons select layout as **full screen**, **pip** or **split screen**.



Picture Menu

Using ◀ / ▶ buttons, select the second icon. Picture menu appears on the screen.

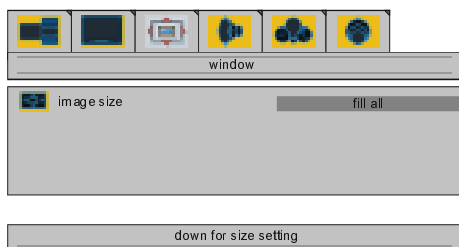
Brightness, contrast, sharpness and color settings can be adjusted in IDTV mode.

Use ▲ or ▼ buttons to highlight brightness, contrast, sharpness or color and use ◀ or ▶ buttons to adjust the settings.



Window Menu

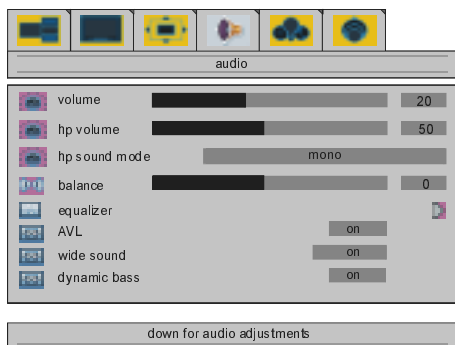
Using ◀ / ▶ buttons, select the third icon. window menu is shown on the screen.



Use the ▲ or ▼ buttons to highlight the menu item you want to adjust, and use ◀ or ▶ buttons to adjust the settings.

Audio Menu

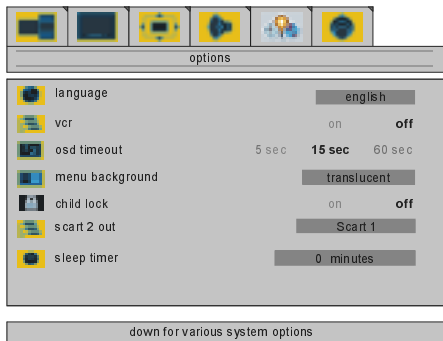
Using ◀ / ▶ buttons, select the fourth icon. Audio menu is shown on the screen.



Use the ▲ or ▼ buttons to highlight the menu item to adjust, and use ◀ or ▶ buttons to adjust the settings.

Options Menu

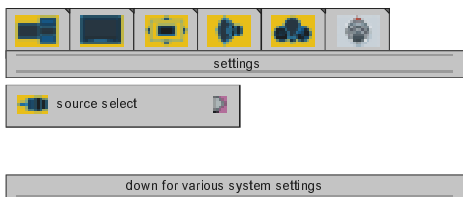
Using ◀ / ▶ buttons, select the last icon. Options menu is shown on the screen.



Use ▲ or ▼ buttons to highlight the menu item you want to adjust, and use ◀ or ▶ buttons to adjust the settings.

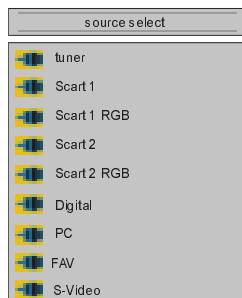
Settings Menu

Using ◀ / ▶ buttons, select the fifth icon. Settings menu appears on the screen.



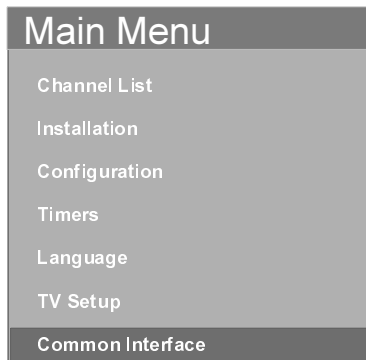
Use ▼ button to highlight the “source select” item. And use ◀ / ▶ or “OK” buttons to view the sources.

Use ▲ or ▼ buttons to highlight the source, and press ▶ button to select.



Common Interface

- Press “MENU” button to display the Main Menu and use ▲ or ▼ buttons to highlight the “**Common Interface**” line and press “SELECT” button.



It is required to subscribe to a pay channel company to view the pay channels of the Digital Terrestrial broadcasting.

Obtain the Conditional Access Module (CAM) and the Viewing card by subscribing to a pay channel company, then insert those to the Television using the following procedure.

1. **Switch off the TV and unplug from the mains.**
 2. **Insert the CAM, then Viewing Card to the slot that is located in the terminal cover at the left-hand side of the TV (from front view).**
- The CAM should be correctly inserted, it is impossible to insert fully if reversed. The CAM or the TV terminal may be damaged if the CAM is forcefully inserted.
3. **Connect the TV to the mains supply, switch on and then wait for few moments until the card is activated.**

- Some CAMs may require the following set up. Please set the CAM by entering the IDTV menu, Common Interface then pressing “SELECT” button. (CAM set up menu is not displayed when it is not required.)
- To see the viewing contract information:
Enter IDTV; press “MENU” button, then high-

light **Common Interface** and press “SELECT” button.

- When no module is inserted, “**No Common Interface module detected**” message appears on the screen.
- Refer to the module instruction manual for details of the settings.

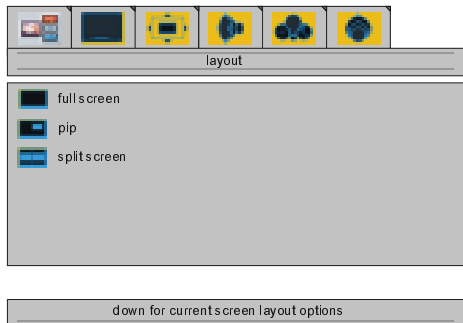
Analogue TV Menu System

Press the “**M**” (**MENU**) button to enter the menu. “**M**” button has two functions. The first function of it is opening and closing the menu, the second function is closing the submenu and then opening its parent menu.

Press ◀ / ▶ button to select a menu title and then ▲ / ▼ button to select a menu item and ◀ / ▶ or “OK” button to enter the menu item. To exit a menu press “**M**” button.

Layout Menu

Using ◀ / ▶ buttons, select the first icon. Layout menu appears on the screen.




full screen

Using ▲ / ▼ button, select **full screen**. “<ok> activates one window layout” appears on the screen. Press ▶ or “OK” button.

PIP


Using ▲ / ▼ button, select **pip**. “<ok> activates pip window layout” appears on the screen. Press ▶ or “OK” button. The first programme from the tuner 1 can be

watched on the background. The second programme from the tuner 2 is seen in the pip window.


To activate PIP layout directly by using the  button.

split screen

Using ▲ / ▼ buttons, select **split screen**. “<ok> activates two window layout” is seen on the screen. Press ▶ or “OK” button. The first programme from tuner 1 can be watched on the left side of the screen. The second programme from tuner 2 is seen on the right side of the screen.

To activate Split Screen layout directly press the  button.

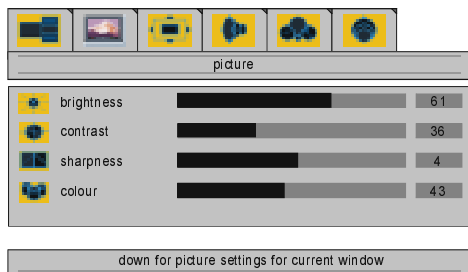
In **pip** and **split screen** layout, the active window is selected by ▲ / ▼ buttons. Using ◀ / ▶ buttons, the selected window is activated.

 sign is displayed in the activated window. The sound of the picture in the selected window is heard and all menu functions are only valid for this window. All the buttons (except stand-by and ◀ + / - ▶) on the remote control and the TV are only active for this window.

Press “**M**” button to exit layout menu.

Picture Menu

Using ◀ / ▶ buttons, select the second icon. Picture menu appears on the screen.



Brightness

Using ▲ / ▼ buttons, select **brightness**. “right/left to adjust brightness” is shown on the screen. Press ▶ button to increase brightness. Press ◀ button to decrease

brightness. Brightness level can be adjusted between 0 and 100.

Contrast

Using ▲ / ▼ buttons, select **contrast**. "**right/left to adjust contrast**" is shown on the screen. Press ► button to increase contrast. Press ◀ button to decrease contrast. Contrast level can be adjusted between 0 and 100.

Sharpness

Using ▲ / ▼ buttons, select **sharpness**. "**right/left to change sharpness**" is seen on the screen. Press ► button to increase sharpness. Press ◀ button to decrease sharpness. Sharpness level can be adjusted between 0 and 8.

Colour

Using ▲ / ▼ buttons, select **color**. "**right/left to adjust color**" is seen on the screen. Press ► button to increase colour. Press ◀ button to decrease colour. Colour level can be adjusted between 0 and 100.

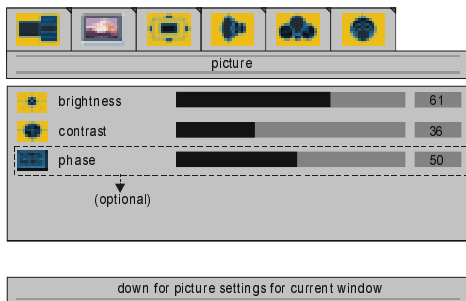
Tint

This item is displayed in picture menu when TV is in AV mode and with an NTSC source. Using ▲ / ▼ button, select **tint**. "**right/left to adjust tint**" is seen on the screen. Press ► button to increase tint. Press ◀ button to decrease tint. Tint level can be adjusted between 0 and 100.



When TV is in AV mode; picture menu items (brightness, contrast, sharpness and colour) may require re-adjustment.

When VGA is Connected To TV:



Brightness

Using ▲ / ▼ buttons, select **brightness**. "**right/left to adjust brightness**" is shown on the screen. Press ► button to increase brightness. Press ◀ button to decrease brightness. Brightness level can be adjusted between 0 and 100.

Contrast

Using ▲ / ▼ buttons, select **contrast**. "**right/left to adjust contrast**" is shown on the screen. Press ► button to increase contrast. Press ◀ button to decrease contrast. Contrast level can be adjusted between 0 and 100.

Phase

Using ▲ / ▼ buttons, select **phase**. "**right/left to adjust phase**" is shown on the screen. Press ► button to increase phase. Press ◀ button to decrease phase. Phase level can be adjusted between 0 and 100.

Window Menu


Using ◀ / ► buttons, select the third icon. Window menu is shown on the screen.

- If full screen option was selected at the layout menu, the window menu is seen as below.



image size

Using ▲ / ▼ buttons, select **image size**. “right/left to change image size” is seen on the screen. Using ◀ / ▶ buttons the image size can be adjusted as follows to **fill all**, **zoom**, **letterbox**, **subtitles**, **normal**, **14:9**, **cinema** and **auto**.


To enter image size directly by press the  button. Using ◀ / ▶ buttons the image size can be changed.

- If pip option was selected, the window menu is seen as below.



image size

Using ▲ / ▼ buttons, select **image size**. “right/left to change image size” is seen on the screen. Using ◀ / ▶ buttons, you can change image size to **fill all**, **fill 1:1** and **fill aspect**.

To enter image size directly by pressing the  button.

pip size


Using ▲ / ▼ buttons, select **pip size**. “right/left to adjust PIP size” is seen on the screen. Press ▶ button to increase pip size.

Press ◀ button to decrease pip size. Pip size can be adjusted between 0 and 100.

To change the PIP size directly press the  button.

pip position

Using ▲ / ▼ buttons, select **pip position**. “right/left to adjust PIP position” is seen on the screen. Using ◀ / ▶ buttons, it is possible to change the pip position as left top, right top, middle, left bottom or right bottom (as seen on the window menu).

To enter pip position directly by press the  button.

If split screen is selected in layout menu, window menu is not available.

When VGA is Connected To TV:

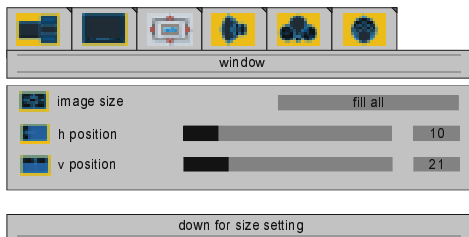


Image size

Using ▲ / ▼ buttons, select **image size**. “right/left to change image size” is shown on the screen. Using ◀ / ▶ buttons, you can change image size to **fill all**, **fill 1:1** and **fill aspect**.

h position

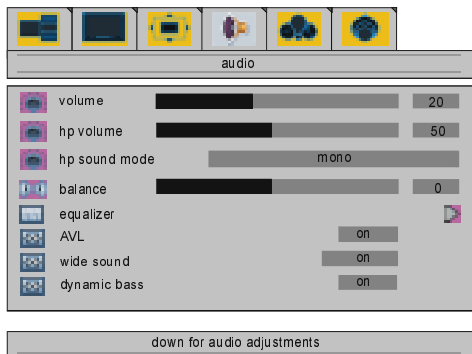
Using ▲ / ▼ buttons, select **h position**. “right/left to adjust h position” is shown on the screen. Press ▶ button to slide the screen to the left. Press ◀ button to slide screen to the right. **h position** can be adjusted between 0 and 100.

v position

Using ▲ / ▼ buttons, select **v position**. “right/left to adjust v position” is shown on the screen. Press ▶ button to slide the screen up. Press ◀ button to slide the screen down. **v position** can be adjusted between 0 and 100.

Audio Menu

Using ◀ / ▶ buttons, select the fourth icon. Audio menu is shown on the screen.



Volume

Using ▲ / ▼ buttons, select **volume**. "**right/left to adjust volume**" is shown on the screen. Press ▶ button to increase volume level. Press ◀ button to decrease volume level. Volume level can be adjusted between 0 and 54.

Headphone volume

Using ▲ / ▼ buttons, select **hp volume**. "**right/left to adjust hp volume**" is shown on the screen. Press ▶ button to increase hp volume level. Press ◀ button to decrease hp volume level. Hp volume (headphone volume) level can be adjusted between 0 and 100.

Headphone sound mode

Using ▲ / ▼ buttons, select **hp sound mode**. "**right to adjust hp sound mode**" is shown on the screen. Press ▶ button change hp sound mode.

Hp sound mode is used to identify sound mode of the headphone. hp sound mode can be set to **mono**, **stereo**, **dual a** or **dual b** according to the transmission.

Balance

Using ▲ / ▼ buttons, select **balance**. "**right/left to adjust balance**" is shown on the screen. Press ▶ button to increase balance

towards the right. Press ◀ button to uncrease balance towards the left. Balance level can be adjusted between -50 and 50.

Equalizer

Using ▲ / ▼ buttons, select **equalizer**. "**right/left for equalizer settings**" is shown on the screen. Press ◀ / ▶ or "OK" button to enter equalizer menu. In equalizer menu the sound mode can be changed to **user**, **flat**, **pop**, **rock**, **jazz** and **classic** using ◀ / ▶ buttons. Equalizer menu settings can be changed only if **sound mode** is **user**. Select the desired frequency using ▲ / ▼ buttons and increase or decrease the frequency gain by pressing ◀ / ▶ buttons.

Press "M" button to exit the equalizer menu.



AVL

AVL (Automatic Volume Limiting) function is used to get fixed sound output level for the programmes having different sound output levels.

Using ▲ / ▼ buttons, select **AVL**. "**right/left for AVL on/off**" is shown on the screen. Using ◀ / ▶ buttons set AVL to **on** to activate it or **off** to deactivate it.

Wide sound

Wide Sound is used to give a wide effect to the sound.

Using ▲ / ▼ buttons, select **wide sound**. "**right/left for wide sound off/stereo/mono**" is shown on the screen. By pressing ◀ / ▶ button set choose off / stereo / mono.

Dynamic bass

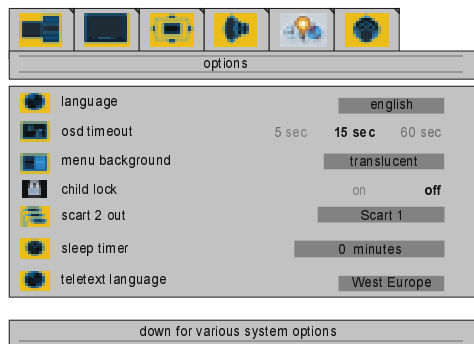
Dynamic Bass is used to increase bass effect of the TV set.

Using ▲ / ▼ buttons, select **dynamic bass**. "**right/left for dynamic bass on/off**" is

shown on the screen. Using ◀ / ▶ buttons set to dynamic bass **on** to activate it or **off** to deactivate it.

Options Menu

Using ◀ / ▶ buttons, select the fifth icon. Options menu is shown on the screen.

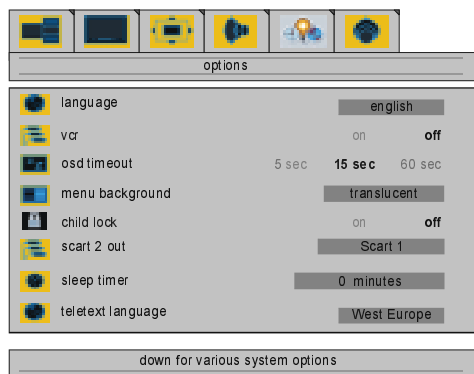


Language

Using ▲ / ▼ buttons, select **language**. "right/left to change language" is shown on the screen. Using ◀ / ▶ buttons, you can select the language.

Vcr

This item is displayed only when TV is in AV mode. Using ▲ / ▼ buttons, select **vcr**. "right/left to change vcr status" is shown on the screen. Using ◀ / ▶ buttons set vcr to **on** or **off**.



Osd timeout

Using ▲ / ▼ buttons, select **osd timeout**. "right/left to change osd timeout" is shown on the screen. Using ◀ / ▶ buttons, the OSD timeout can be changed to either **5 sec**, **15 sec** or **60 sec**.

Menu background

Using ▲ / ▼ buttons, select **menu background**. "right to change menu background" is shown on the screen. You can change menu background to **translucent** or **opaque** by using the ▶ button.

Child lock

This feature is used to prevent children from turning the TV on or changing programmes, adjustments etc. without the remote control.

Using ▲ / ▼ buttons, select **child lock**. "right/left to change" is shown on the screen. The child lock feature can be set by ◀ or ▶ button to either **on** or **off**. When **off** is selected, there will be no difference in the operation of your TV. When **on** is selected, the TV can only be controlled by the remote control handset.

Scart 2 out

Using ▲ / ▼ buttons, select **scart 2 out**. "right/left to select scart 2 out" is shown on the screen. You can set scart 2 out to **Scart 1**, **Tuner** or **Digital** by using ◀ / ▶ buttons.

Sleep timer

The sleep timer is used to turn the TV off after a pre-defined period.

Using ▲ / ▼ buttons, select **sleep timer**. "adjust sleeptimer" is shown on the screen. You can set the sleep time to **0**, **10**, **20**, **30**, **40**,...,**100**, **110**, **120 minutes** by pressing ◀ / ▶ button. The sleep timer is used to turn the TV off after a pre-defined period.

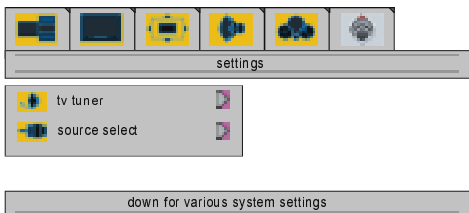
teletext language

Using ▲ / ▼ buttons, select teletext language. "right/left to select teletext language" is shown on the screen. To set the teletext language to West Europe, East Europe, Greek-Turkey, Russian or Arabic using ◀ / ▶ buttons.

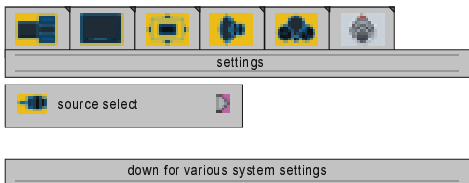
Settings menu

Using ◀ / ▶ buttons, select the sixth icon. Settings menu appears on the screen.

- If full screen option was selected at the layout menu, the settings menu is seen as below.



- If pip or split screen option was selected at the layout menu or in AV mode, the settings menu is seen as below.

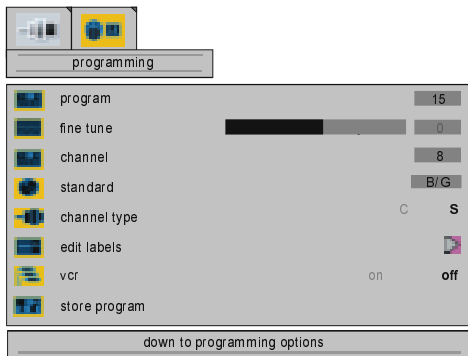


tv tuner

Using ◀ / ▶ buttons, select **tv tuner**. "<ok> to activate tuner menu" is shown on the screen. By pressing ◀ / ▶ or "OK" button enter the menu. **tv tuner** menu has two sub-menu named as **programming** and **aps**.

Programming Menu

Using ◀ / ▶ buttons in **tv tuner** menu select the first icon. Programming menu is shown on the screen.



Program

Using ▲ / ▼ buttons, select **program**. "right/left to select program" is shown on the screen. Using ◀ / ▶ buttons it is possible to select the program number. You can also enter a number using the numerical buttons on the remote control. There are 100 programs that can be stored between 0 and 99.

Fine tune

Using ▲ / ▼ buttons, select **fine tune**. "right/left to adjust fine tuning" is shown on the screen. Using ◀ / ▶ buttons, you can fine adjust the tuning. The adjust values are between -50 and +50.

Channel

Using ▲ / ▼ buttons, select **channel**. "right/left to change channel" is shown on the screen. By pressing ◀ / ▶ buttons, you can change the channel number. You can also enter a number using the numerical buttons on the remote control. The adjust values change according to the **standard** and **channel type**.

Standard

Using ▲ / ▼ buttons, select **standard**. "right/left to change standard" is shown on the screen. Using ◀ / ▶ buttons, you can change the standard to **B/G**, **D/K**, **I** or **L/L'**.

Channel type

Using ▲ / ▼ buttons, select **channel type**. "**right/left to change channel type**" is shown on the screen. Using ◀ / ▶ buttons, you can change the channel type to C or S.

Edit labels

Using ▲ / ▼ buttons, select **edit labels**. "**right/left to edit labels**" is shown on the screen. Using ◀ / ▶ or "OK" button, the following pop-up is shown on the screen.



▲ / ▼ or ◀ / ▶ buttons are used to edit labels.

vcr

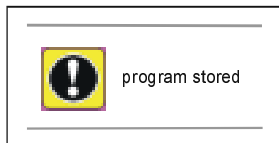
"**vcr**" can be selected for each channel in TV system.

Using ▲ / ▼ buttons, select **vcr**. "**right/left to change vcr status**" is shown on the screen. Using ◀ / ▶ buttons set vcr to **on** or **off**.

While **vcr** is set **on**, select **store program** to store.

store program

Using ▲ / ▼ buttons, select **store program**. "**right/left to store program**" is shown on the screen. Using ◀ / ▶ or "OK" buttons, it is possible to store the changes made and following menu will be shown on the screen.



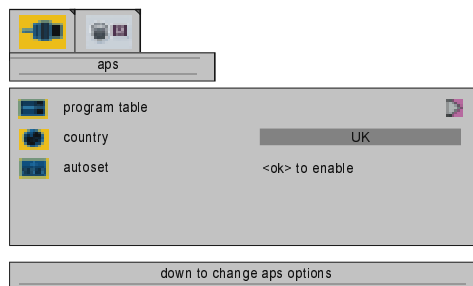
manual search

Using ▲ / ▼ buttons, select **manual search**. "**right/left to search**" is shown on the screen. Using ◀ or ▶ buttons, you can start programme searching and the following menu is shown on the screen.




Aps Menu

Using ◀ / ▶ buttons in tv tuner menu select the second icon. aps menu appears on the screen.






Program table

Using ▲ / ▼ buttons, select **program table**. "**right/left to enter program table**" is shown on the screen. By pressing ◀ / ▶ or "OK" button, you can enter the following program table.

Programme table can also be entered directly by pressing  button on remote.

- Program table may be entered only when the layout is **full screen**. You can not enter to program table when layout is **pip** or **split screen**.

program table		
01 CNN	11	21
02 RAI2	12	22
03 SAT	13	23
04 RAI3	14	24
05 TV5	15	25
06 ZDF	16	26
07 RA1	17	27
08 C02	18	28
09 S07	19	29
10 C05	20	30
 Delete	 Insert	 Name

Using the direction keys you can select any 1 of the 30 channels shown on the programme table. By scrolling the pages up

or down by pressing the navigation buttons you can select all the programmes in TV mode (except the AV mode).

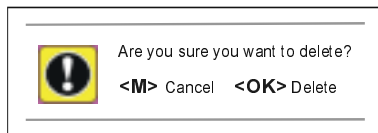
In program table, ▲ / ▼ buttons work like "Direction Up" and "Direction Down".

Programme number is between 01 and 99. 00 is not displayed on program table. Programme Name has a name string with 5 characters. After autaset process the Programme Names are set to "C02" or "S07" (channel type and channel number) or name of the tuned channel if defined.

At the bottom of the program table there is a programme sort functions section. Each function is activated by color button (shown above). **Insert** section is for inserting programmes into another programme spaces. **Name** allows changing the programme name.

Delete:

To delete a channel use the direction keys to select the channel and then press Use RED button. Press "OK" to confirm delete or press "M" button to cancel.



Insert:

Select the programme to insert using the navigation buttons. Press GREEN button. Using the navigation buttons move the selected programme to the required programme space and press GREEN button again.

Name:

To change the name of a selected programme, use navigation keys to select that programme and press the YELLOW button. The following menu is shown on the screen.



The first letter of the selected name is highlighted. To change that letter use the ▲ / ▼ buttons, and to select the other letters, use the ◀ / ▶ buttons. If the cursor is at the last letter of the Programme Name, pressing ▶ button moves the cursor back to the beginning. If the cursor is at the beginning of the Programme Name, pressing ◀ button moves the cursor to the end.

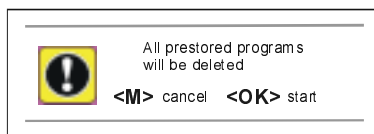
Country

Using ▲ / ▼ buttons, select **country**. "**right/left to change country**" is shown on the screen. Using ◀ / ▶ select the country the TV is being used in.

Autoset

Using ▲ / ▼ buttons, select **autoset**. "<ok> to activate autoset" is shown on the screen. When ◀ / ▶ or "OK" button is pressed, the following menu is shown on the screen. If you want to cancel autoset function, press "M" button. You return to **aps** menu.

If you press "M" button after autoset is started, program table is shown on the screen.



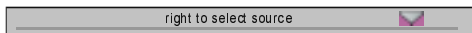
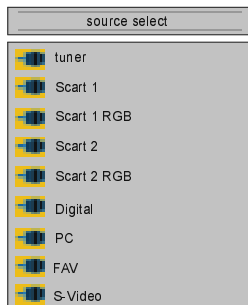
If "OK" button is pressed, autoset function starts and the following popup is shown on the screen.



After autoset is finalized, the program table appears on the screen.

Source Select

Using ▲ / ▼ buttons, select **source select** in **settings** menu. "**<ok> to activate source selection menu**" is shown on the screen. By pressing ◀ / ▶ or "OK" button, you can enter the source select menu.



In source select menu, Use the ▲ / ▼ buttons to highlight the required source and select it by pressing ▶ button. The source types are **tuner**, **Scart 1**, **Scart 1 RGB**, **Scart 2**, **Scart 2 RGB**, **Digital**, **PC**, **FAV** and **S-Video**.

Other Features (Analogue TV)

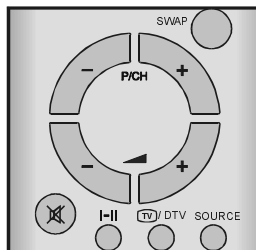
TV Status

Programme Number, **Programme Name** and **Sound Indicator** are displayed on the upper right side of the screen. **Source** is also displayed with them on the right bottom side of the screen. They are displayed after programme change during 3 seconds.

P 01 Programme Number

PR_01 Programme Name (5 characters)

These OSD's are displayed when a new programme is entered by digit button, by pressing "P<P" button or "-P/CH" or "P/CH+" button or **TV/DTV** button.



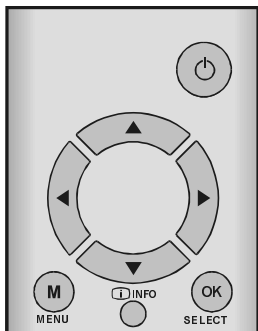
Previous Programme

- Press "P<P" (Previous Programme) button to select the last selected programme. This button provides swapping between last two selected programmes. For example, select programme 8, then select programme 2. Now, if you press "P<P" button, programme 8 will be selected. If you press the same button again, programme 2 will be selected and so on.



Active window switch

In PIP and PAP modes “▲” and “▼” buttons are used to select active window. “◀” and “▶” cursors are used to show the mute status osd of the active window.



Programme Swap (SWAP)

This button is used to swap between the programmes in the PIP window and main picture if the screen layout is selected as **PIP**.

PC screen is not available in **pip** window.

Freeze Picture

The picture on the screen can be frozen by pressing the “OK” button. Display layout should be selected as **full screen** for this feature. At **split screen** and **PIP** layouts; this function does not work.

Sound Indicator

The alternatives of the indicator are **Mono**, **Stereo**, **Dual A** and **Dual B**. This indicator is displayed under the programme number indicator on the screen. “I-II” button is used to select **Mono**, **Stereo**, **Dual A** or **Dual B**.

In **Mono** broadcast or in forced-mono (for stereo broadcast).

MONO

In **Stereo** broadcast.

STEREO

If dual broadcast detected. **Dual A** is selected in default.

DUAL A

If **Dual B** is selected by remote control.

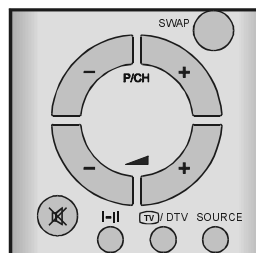
DUAL B

Mute Indicator

It is placed in the upper left side of the screen when activated.



To cancel mute, there are two alternatives, the first one is press the “~~M~~” button, the volume is set to the preceding value, and the second one is increasing/decreasing the volume level using “- ▲” or “▶ +” buttons, it starts from the previous level.



If **PIP layout** is selected, mute indicator is displayed at the upper left of the PIP window.

If **Split Screen** is selected, mute indicator is displayed at the upper left side of the active window.

AV Modes

Pressing the “**SOURCE**” button or via **source select** menu, switches the TV to AV modes (except when in Teletext). Pressing this button will consecutively switch the TV in one of the optional AV modes: **Tuner**, **Scart 1**, **Scart 1 RGB**, **Scart 2**, **Scart 2 RGB**, **Digital**, **PC**, **FAV** (Front AV Sockets) and **SVideo**.

While watching **VCR**; **vcr** item in **options** menu should be set to **on**.

In order to quit the AV mode press the **TV/DTV**, digit buttons, “-P/CH” or “P/CH+” buttons or press source until Tuner 1 is displayed.

Teletext


Teletext is an information system that displays text on your TV screen. Using the Teletext information system you can view a page of information on a subject that is available in the list of contents (index).

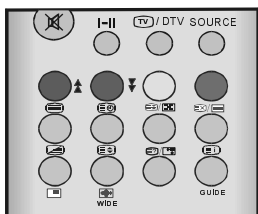
On screen display is not available in text mode.

Contrast, brightness or colour control is not available, but volume control is available in text mode.

Teletext mode is not available for **pip** layout option.

To Operate Teletext

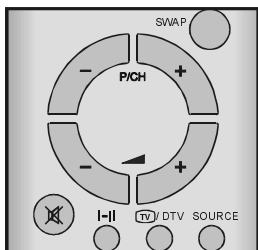
- Select a TV station on which Teletext is being transmitted.
- Press  button. Usually the list of contents (index) is displayed on the screen.



To Select A Page Of Teletext

- Press the appropriate digit buttons for the required Teletext page number.


The selected page number is displayed at the top left corner of the screen. The Teletext page counter searches until the selected page number is located, so that the desired page is displayed on the screen.





- Press "**P/CH +**" button to move the Teletext screen forward one page at a time.

- Press "**- P/CH**" button to move the Teletext screen backward one page at a time.




To Select Index Page

- To select the page number of the index, press  button.



To Select Teletext With A TV Programme

- Press  button. The text is now superimposed over the programme on the screen.
- Press  button again to return to the Teletext page.

To Select Double Height Text



- Press  button for the top half of the information page to be displayed in double height text.
- Press  button again for the bottom half of the information page to be displayed in double height text.
- Press  button once more for the full page of normal height text.

To Reveal "Concealed" Information

- Pressing  button once will reveal answers on a quiz or games page.
- Pressing  button again will conceal the revealed answers.




To Stop Automatic Page Change

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


- Press  button to stop the automatic page change.
- Press  button again to allow the next page to be displayed.

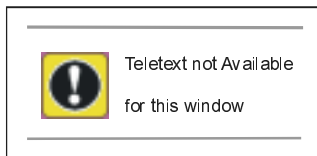
To Select A Subcode Page




Subcode pages are subsections of long Teletext pages that can only be displayed on the screen one section at a time.

- Select the required Teletext page.
- Press  button.
- Select the required subcode page number by pressing four digit buttons (e.g. 0001).
- If the selected subcode page is not displayed in a short time, press  button. TV programme will be displayed on the screen.
- Teletext page number will be displayed on the upper left corner of the screen when the selected page is found.
- Press  button to display the selected Teletext page.



Split Screen

- During split screen, you can switch to the teletext mode of the TV programme on the left side of the screen only. Teletext is not available on the right side of the screen. The following message appears on the screen if  button is pressed while the right window is active in split screen mode.





- Select the programme on the left side of the screen as the active window. Press the  button. Teletext will be displayed on the screen. To exit teletext press  or  button.

To Exit Teletext

- Press  or  button. The screen will switch to TV mode.

To Display The Time

- While watching a TV programme with Teletext transmission press  button. The current time information, captured from Teletext will be displayed on the screen.
- Press  button again to remove the time from the screen.

- If the programme being watched does not have Teletext transmission, no information will be displayed.

Fastext

This supports the 10 page Teletext system. When the page number of any of the 10 pages in memory is entered, the system will not search for the requested page; instead it will display the page automatically. If the requested page is not in memory, the system will search for the requested page number and save the 10 pages including the requested page into memory after finding it.

For Fastext

The subject-heading for the information may have a particular colour.

- Press the appropriate **RED**, **GREEN**, **YELLOW** or **BLUE** button in order to reach the relevant page quickly.

For TOP text

TOP text mode of operation will be activated automatically according to the transmission.

- If TOP text transmission is present, colour coded buttons will appear in the status row.
- If TOP text transmission is not present, status row will not appear.

The subject-heading for information may be located in colored box.

In Top mode the “-P/CH” or “P/CH+” commands will request the next or previous page respectively. If TOP text transmission is not available, in case of operation of these commands, wraparound occurs. For example page 100 appears to be one greater than page 199.

Connect Peripheral Equipment

There is a wide range of audio and video equipment that can be connected to this TV.

The following connection diagrams show you where the different equipment should be connected at the back or right side of the TV.

Via The Scart Socket

The TV has 2 Scart sockets. If you want to connect peripherals (e.g. video, decoder, etc.) which have Scart sockets, to the TV, use SCART 1 or SCART 2 inputs.

If an external device is connected via Scart sockets TV switches to AV mode automatically. If the signal is RGB, select RGB in the source select menu to view picture. If the external device is connected to SCART 1, choose **Scart 1 RGB**. If the external device is connected to SCART 2, choose **Scart 2 RGB**.

Via Aerial Input

To connect a device to this TV such as video recorders or decoders, that do not have Scart sockets, they should be connected through the RF input of the TV.

If the VCR is connected via antenna input it is suggested to use the Programme 0.

Connect a decoder with an aerial socket to the TV

- Connect the aerial cable.

Connect a decoder without an aerial socket to the TV

- Connect the decoder to the TV with a Scart cable to **SCART 1**.

TV And Video Recorder

- Connect the aerial cables.

Better picture quality can be obtained by connecting with a **SCART** cable.

Playback NTSC

To use this option you can;

- Connect NTSC VCR player to the scart

socket at the rear of the TV.

- Connect NTSC VCR player to RCA Jacks at the right side of the TV.

Then, press "**SOURCE**" button to select the required source.

Copy Facility

Source selection for **VCR** recording.

- Select **options** menu.
- Select **scart 2 out** source using **▲ / ▼** buttons.
- Select **Tuner** to copy the picture from tuner and Digital to copy the picture from **Digital** broadcast..
- Select **Scart 1** to copy the picture from SCART 1.

Search For And Store The Test Signal Of The Video Recorder

- Unplug the aerial cable from the aerial socket "**ANT**" of the video recorder.
- Switch on the TV and put the video recorder on the test signal. (See the manual for the video recorder.)
- Enter the **tv tuner** menu in **settings** menu. Enter the **programming** menu in **tv tuner** menu and select **manual search**.
- Search for the test signal of the video recorder in the same way as searching for and storing TV channels. See **programming** menu. Store the test signal under programme number 0.
- Replace the aerial cable in the aerial socket "**ANT**" of the video recorder once the test signal has been stored.

Camera And Camcorder

To Connect To FAV Input

Connect a camera or camcorder to the FAV input at the right side of the TV.

- Connect the equipment to the TV via **VIDEO** (yellow), **AUDIO R** (red) and **AUDIO L** (white) inputs. The cable plugs should be connected to the input socket of the same colour .

To Connect To S-VHS Input

Connect a camera or camcorder S-VHS input at the right side of the TV.

- Connect the equipment to the TV via S-VHS input and audio inputs of FAV inputs by using S-VHS cables and RCA audio cables, Note: the S Video cable does not carry any audio.

Connect a Decoder To a Video Recorder

Some video recorders have a special Scart socket for a decoder.

- Connect a Scart cable to the Scart socket of the decoder and to the special Scart socket of the video recorder. See also the manual of the video recorder.
- To connect a video recorder to the TV, see TV and Video Recorder section.

Connecting Headphones

Use the stereo headphone socket on the right side of the TV, to connect headphones.

PC Sound Connection

Connect the PC Audio output to the TFT **PC Audio In** socket with a PC Audio connection cable.

Connecting the PC via VGA input

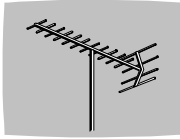
- Power off both computer and TV before making any connections.
- Connect the VGA cable to the VGA input of your TV and to the 15-pin connector on the rear of your computer.
- Tighten the screws on the plugs until the connectors are fastened securely.
- If using Windows operating system running on a PC with a Microsoft Plug&Play compatible video card, your system will select the appropriate timing for your monitor.

Antenna Connections

Outdoor Antenna Connections

VHF antenna

Method 1



Round 75 ohm coaxial cable



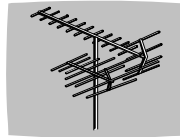
75Ω

VHF/UHF

Rear of TV

VHF/UHF antenna

Method 2



Flat 300-ohm twin lead cable



Round 75-ohm coaxial cable



75Ω

VHF/UHF

Rear of TV

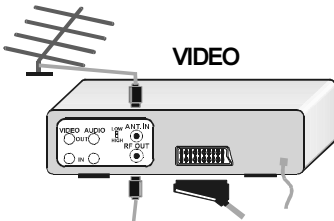
Peripheral Equipment Connections

HEADPHONE

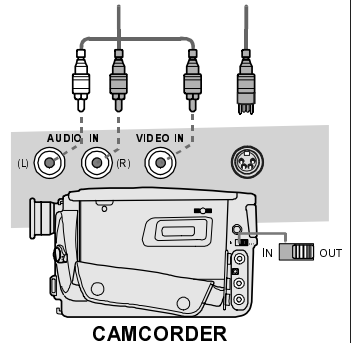
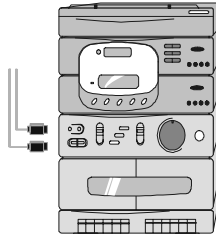
(not supplied)



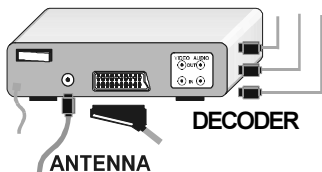
VIDEO



AUDIO



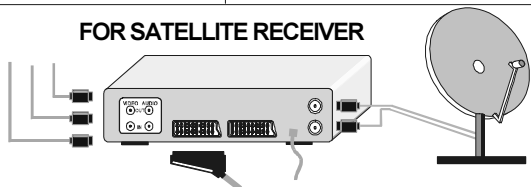
CAMCORDER



DECODER

ANTENNA

FOR SATELLITE RECEIVER



PC Input Typical Display Modes

The display has a maximum resolution of 1366 x 768, vertical sync. frequency range of 50-75 Hz and a horizontal sync. frequency range of 30-69 KHz.

The following table is an illustration of some of the typical video display modes.

Mode	Resolution		Frequency	
	Horizontal	Vertical	Hor. (kHz)	Ver. (Hz)
1	640	400	31.5	70
2	640	480	31.5	60
3	640	480	37.9	72
4	640	480	37.5	75
5	720	400	31.5	70
6	800	600	35.2	56
7	800	600	37.9	60
8	800	600	48.1	72
9	800	600	46.9	75
10	1024	768	48.4	60
11	1024	768	56.5	70
12	1024	768	60.0	75
13	1280	720	44.8	60
14	1280	768	47.8	60
15	1366	768	47.8	60

The native resolution of the TFT-LCD Panel is 1366 x 768. Therefore using Mode 15 is advised to get the best PC input display quality.

Tips

Care Of The Screen

Clean the screen with a slightly damp, soft cloth. Do not use abrasive solvents as they may damage the TV screen coating layer.

Poor Picture

Have you selected the correct TV system? Is your TV set or house aerial located too close to the loudspeakers, non-earthed audio equipment or neon lights, etc.?

Mountains or high buildings can cause double pictures or ghost images. Sometimes you can improve the picture quality by changing the direction of the aerial.

Is the picture or Teletext unrecognisable? Check if you have entered the correct frequency.

The picture quality may degrade when two peripherals are connected to the TV at the same time. In such a case, disconnect one of the peripherals.

No Picture

Is the aerial connected properly? Are the plugs connected tightly to the aerial socket? Is the aerial cable damaged? Are suitable plugs used to connect the aerial? If you are in doubt, consult a specialist dealer.

No Picture means that the TV is not receiving any transmission. Have you pressed the correct buttons on the remote control? Try once more.

Sound

You can not hear any sound. Did you perhaps interrupt the sound, pressing "X" button? Are external speakers connected to the TV?

Sound is coming from only one of the speakers. Is the balance set fully one way? See **audio** menu.

Remote Control

Your TV no longer responds to the remote control. Press the **TV/DTV** button on the remote control once more. Perhaps the batteries are exhausted. If so you can still use the local buttons on the top of the TV.

Have you selected the wrong menu? Press **TV/DTV** button to return to TV mode or press "**M**" button to return to the previous menu.

No solution:

Switch your TV set off and on. If this does not work, contact the Goodmans product information helpline on 0870 873 0080; never attempt to repair it yourself.

Specifications

TV BROADCASTING

PAL I/I'

RECEIVING CHANNELS

VHF (BAND I/III)

UHF (BAND U)

HYPERBAND

CABLE TV (S1-S20/ S21-S41)

NUMBER OF PRESET CHANNELS 100

CHANNEL INDICATOR

On Screen Display

RF AERIAL INPUT

75 Ohm (unbalanced)

OPERATING VOLTAGE

230-240V AC, 50 Hz.

AUDIO

Nicam Stereo

AUDIO OUTPUT POWER (W_{RMS}) (%10 THD)

2 x 10

POWER CONSUMPTION (W) (max.)

180

< 3 W (Stand-by)

PANEL

16:9 display, 32" Screen Size

DIMENSIONS (mm)

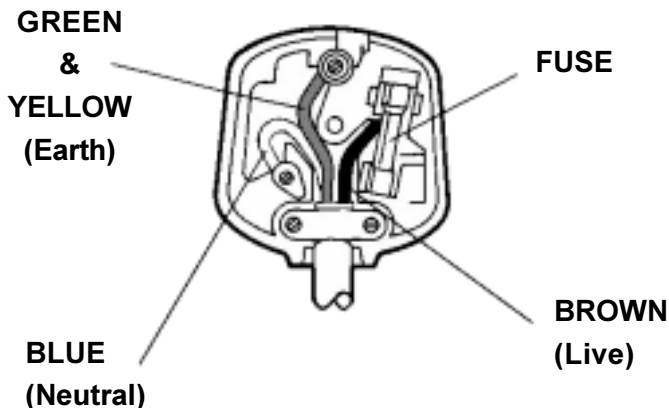
DIMENSIONS (mm)				
D	L	H	Weight (kg)	
296	921	555	17.5	With foot
105	921	555	14.9	Without foot

Important Instruction

For your own safety read following instruction carefully before attempting to connect this unit to the mains supply.

MAINS (AC) OPERATION

The wires in the mains lead are coloured in accordance with the following code :



IMPORTANT

As the colours of the wires 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.

For continued protection against risk of fire, replace only with same type and rating of fuse (ASTA approved 10A 250VAC fuse).

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

CAUTION

TO PREVENT ELECTRIC SHOCK DISCONNECT FROM THE MAINS BEFORE REMOVING COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

SAFETY PRECAUTION

THIS EQUIPMENT MUST BE DISCONNECTED FROM THE MAINS WHEN NOT IN USE. DO NOT ALLOW THIS UNIT TO BE EXPOSED TO RAIN OR MOISTURE.