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Installation of device on the wall (optional)

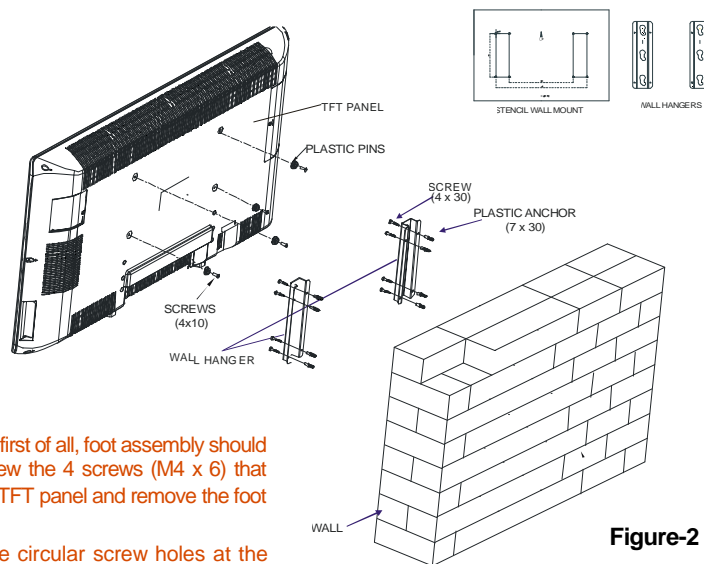


Figure-2

- 1- To install the TFT TV on the wall, first of all, foot assembly should be removed. (Figure 1). Unscrew the 4 screws (M4 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 23) 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.

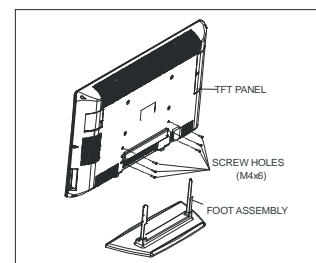


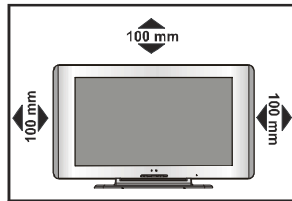
Figure-1

English - 1 -

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 climates.



Features

- Remote controlled colour LCD TV.
- 100 programmes from VHF, UHF bands or cable channels can be preset.
- 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 (German+Nicam).
- Full function Teletext (1000 pages).
Fastext, TOP text.
- Headphone connection.
- A.P.S. (Automatic Programming System).
- All programmes can be named.
- Forward or backward automatic tuning.
- Sleep timer.
- Child Lock.
- Automatic sound mute when no transmission.
- NTSC Playback.
- AV in and S-Video are available.
- It has two HDMI connectors for Digital Video and Audio. This connection is also designed to accept High Definition signals.
- AVL (Automatic Volume Limiting)
- When no valid signal is detected, after 5 minutes the TV switches itself automatically to stand-by mode.
- PLL (Frequency Search)
- Audio Line Out
- PIP,PAP,PAT Optional

Safety Precautions

Please read the following recommended safety precautions carefully for your safety

1. Power Source

The set should only be operated from a 220-240V AC 50 Hz supply.

2. Power Cord

Do not place the set, a piece of furniture, etc. on the power cord (mains lead) or pinch the cord. Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Never make a knot in the cord or tie it with other cord. The power cord should be placed in such a way that they are not likely to be stepped on.

A damaged power cord can cause fire or give you an electric shock. When it is damaged and need to be changed, it should be done by qualified personnel.

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, such as flower vases on top of the set. Avoid from dripping or splashing.

If any solid object or liquid falls into the cabinet, unplug the set and have it checked by qualified personnel before operating it any further

4. Cleaning

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

5. Ventilation

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

6. Heat and Flames

The set should not be placed near to naked flames and sources of intense heat, such as an electric heater. Ensure that no naked flame sources, such as lighted candles, are placed on top of the set

7. Lightning

During a Thunderstorm, or when going away for a long period. Disconnect from the mains supply and aerial (if external).

8. Replacement Part

When replacement parts are required, be sure the service technician has used replacement parts which are specified by the manufacturer or have the same specifications as the original one. Unauthorised substitutions may result in fire, electrical shock, or other hazards.

9. Servicing

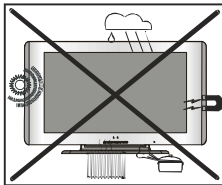
Please refer all servicing to qualified personnel. Do not remove the cover yourself as this may result in an electric shock.

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 mains plug is used to disconnect the TV from the mains and therefore it shall remain readily operable.

Warning: To prevent injury, this device must be securely attached to the floor/wall in accordance with the installation instructions.



"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 YOUR TV AT STAND-BY OR OPERATING WHEN YOU LEAVE YOUR HOUSE"

Before Switching On Your TV

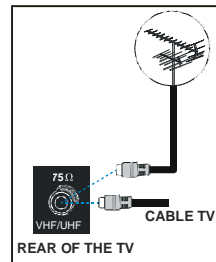
Power Connection

IMPORTANT: The TV set is designed to operate on **220-240V 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 Aerial Input Socket

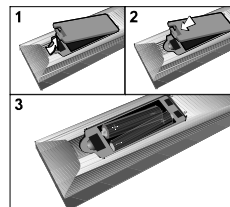
- Connect the aerial to the aerial socket on the TV, you may also connect a VCR or other box at the same time.



Inserting Batteries In The Remote Control Handset

WARNING : Remote control is battery included. A plastic protector is used to disconnect the batteries in order to prevent the battery life from reducing. Please remove the plastic protector before the first use.

- Remove the battery cover located on the back of the handset by gently pulling backwards from the indicated part.
- Insert two **AAA/R03** or equivalent type batteries inside. Place the batteries in the right directions and replace the battery cover.



Note: Remove the battery 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 battery.

This is a "Class One" apparatus. Always ensure the earth terminal is connected.

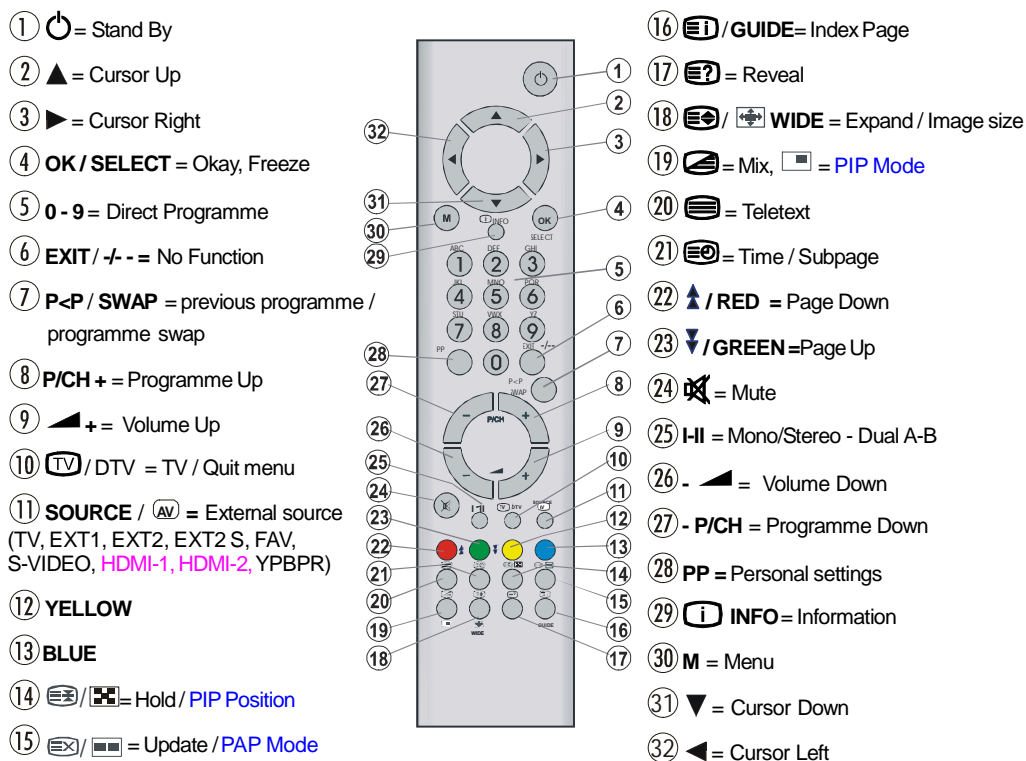
If replacing the mains plug or lead ensure the Earth wire is connected.

If you are not sure please consult your local engineer.

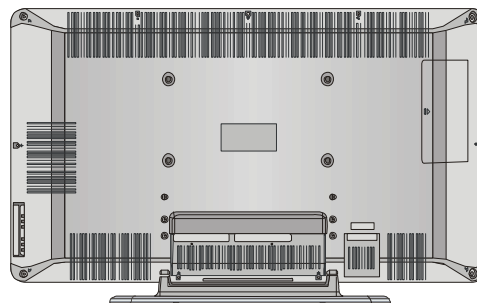
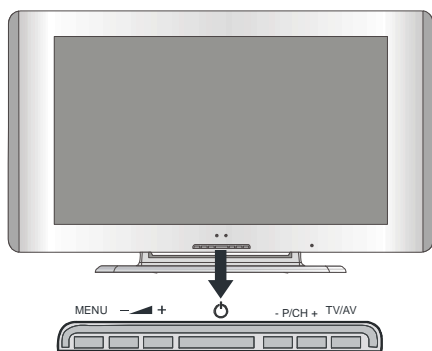


Surely connect the ground wire.

Remote Control Buttons



LCD TV



English - 4 -

Switching The TV ON/OFF

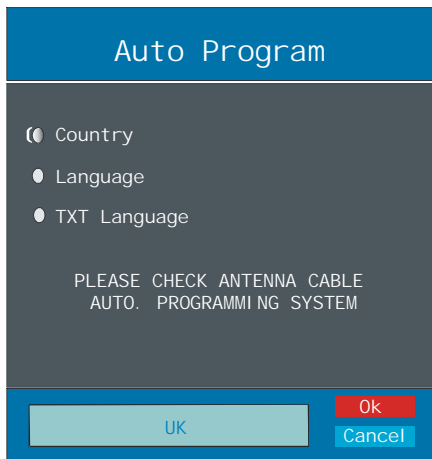
To switch the TV on:

Your TV will switch on in two steps:

1- Connect the power supply cord to the system. Press Power On/Off button. Then the TV switches itself to stand-by mode.

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 the "P-" or "P+" button on the TV or press the "P/CH+" or "P/CH-" button on the remote control, so that last mode switched off is selected.

By either method the TV will switch on. When the TV is operated for the first time, the following screen appears:



Select your Country and Language by using \uparrow / \downarrow and \leftarrow / \rightarrow buttons.

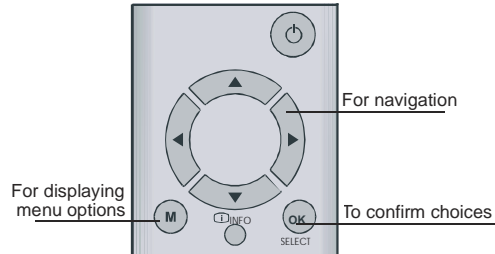
For more information on this process, see "Install Menu" section.

To switch the TV off:

• Press the "⏻" (stand-by)" button on the remote control or On/Off switch on the TV, so the TV will switch to stand-by mode.

To power down the TV completely, press Power On/Off button or unplug the power cord from the mains socket.

Navigating the Menu System

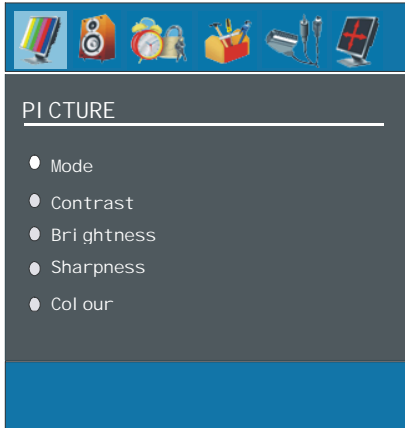


- 1- Press **M** to display the menu.
- 2- Press " \downarrow " or " \uparrow " button to select an icon. Press " \rightarrow " for more options.
- 3- Use " \downarrow " or " \uparrow " button to highlight.
- 4- Press " \leftarrow " or " \rightarrow " buttons to change the settings. Press **OK** to set as default.
- 5- To exit the menu or return from sub-menu screen, press **M**.

These explanations are available for the navigation of the whole Menu System. To select options that are explained in the following parts, refer to "Navigating The Menu System".

Menu System

Picture Menu



In picture menu if YPbPr or HDMI modes are selected, resolution information is displayed at the bottom of the menu osd.

Mode

By pressing ▲ / ▼ button, select **Mode**. Press ◀ / ▶ button to choose from one of these options: **Cinema, Dynamic and Natural**.

Contrast/Brightness/Sharpness/Colour

By pressing ▲ / ▼ button, select the desired Option. Press ◀ / ▶ button to set the level.

Colour Temp

- By pressing ▲ / ▼ button select **Colour Temp**.
- Press ◀ / ▶ to choose from one of these options: **Cool, Normal and Warm**.

Noise Reduction

By pressing ▲ / ▼ button select **Noise Reduction**. Press ◀ / ▶ to choose from one of these options: **Low, Medium, High or Off**.

Film Mode

Films are recorded at a different number offrames per second to normal television programmes.

By pressing ▲ / ▼ button, select Film Mode.

Press ◀ / ▶ button to set this feature On or Off. Turn this feature on when you are watchingfilms to see the fast motion scenes clearly.

Picture Zoom

By pressing ▲ / ▼ button select **Picture Zoom**. Use ◀ / ▶ buttons, to change picture zoom to **Auto, 16:9, 4:3, Panaromic, 14:9 Zoom, Cinema, Subtitle, or Zoom**.

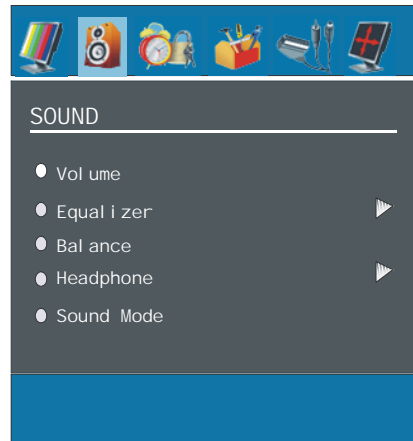
Reset

By pressing ▲ / ▼ button, select **Reset**. Press ▶ or "OK" button to reset the picture modes to factory default settings.

Store

- By pressing ▲ / ▼ button select **Store**.
- Press ▶ or "OK" button to store the adjustments. "**Stored**" will be displayed on the screen.

Sound Menu



Volume

By pressing ▲ / ▼ select **Volume**. Press ◀ / ▶ button to change the level of the Volume.

Equalizer

By pressing ▲ / ▼ select **Equalizer**. Press ◀ / ▶ button to change the Equalizer setting. In equalizer menu, the mode can be changed to **Pop, Rock, Jazz, Flat, Classic or User**. Select the desired frequency by ▲ / ▼ button and increase or decrease the frequency gain by pressing ◀ / ▶ button.

Note: *Equalizer menu settings can be altered only when the Equalizer Mode is in User.*

Balance

By pressing ▲ / ▼ select **Balance**. Press ◀ / ▶ button to change the level of the balance. Balance level can be adjusted between -32 and 32.

Headphone

By pressing ▲ / ▼ button, select Headphone. Press ▶ button to enter hedphone menu.

volume

By pressing ▲ / ▼ button, select Volume. Press ▶ button to increase hp volume level. Press ◀ button to decrease hp volume level. Headphone volume level can be adjusted between 0 and 63.

sound mode

By pressing ▲ / ▼ button, select Sound Mode. Press ◀ / ▶ button to change sound mode.

Sound mode is used to identify sound mode of the headphone and can be set to mono, stereo, dual I or dual II according to the transmission.

balance

By pressing ▲ / ▼ button, select Balance. Press ▶ button to increase balance to the right. Press ◀ button to decrease balance to the left. Balance level can be adjusted between -32 and +31.

Press the "M" button to return to the previous menu.

Sound Mode

By pressing ▲ / ▼ select **Sound Mode**. Press ◀ / ▶ button, you can select Mono, Stereo, Dual I or Dual II mode, only if the selected channel supports that mode.

AVL

By pressing ▲ / ▼ select **AVL**. Press ◀ / ▶ button to set the AVL as on or off.

Effect

By pressing ▲ / ▼ select **Effect**. Press ◀ / ▶ button to set Effect as on or off.

Dynamis Bass

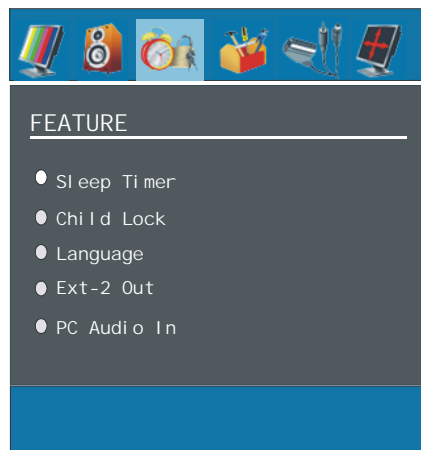
Dynamic Bass is used to increase bass effect of the TV set.

By pressing ▲ / ▼ button, select Dynamic Bass. By pressing ◀ / ▶ button set Dynamic bass to Low, High or Off. It is not recommended to select High if listening at high volume levels.

Store

- By pressing ▲ / ▼ button select **Store**.
- Press ▶ or "OK" button to store the adjustments. "Stored" will be displayed on the screen.

Features Menu



Sleep Timer

By pressing ▲ / ▼ select "**Sleep Timer**". Press ◀ / ▶ button to set the Sleep Timer.

The timer can be programmed between Off and 120 minutes in steps of 10 minutes.

Child Lock

By pressing ▲ / ▼ select **Child Lock**.

Press ◀ / ▶ button to set the Child Lock on or off. When on is selected, the TV can only be controlled by the remote control handset. In this case the control panel buttons will not work. Hence, if one of these buttons is pressed, "Child Lock On" will be displayed on the screen when the Menu screen is not visible.

Language

By pressing ▲ / ▼ button, select **Language**. Use ◀ / ▶ button to select the language.

EXT2 Out

By pressing ▲ / ▼ select **EXT2 Output**. Use ◀ / ▶ button, to set Ext-2 Out to **TV, EXT1, FAV, YPbPr Audio or PC Audio**.

Note: When TV Source is set to HDMI, HDMI Audio setting will be available among EXT-2 Out options.

PC Audio In

By pressing ▲ / ▼ select **Pc Audio In**. By pressing "◀" / "▶" button, you can change the PC Audio In to **TV, EXT-1, EXT-2, FAV, YPbPr Audio, PC Audio or FAV**.

Blue Background

You can set the TV to automatically change to a blue screen if the signal is weak or absent, or when there is no input from an external device.

The Blue Background feature can be turned on or off by pressing “◀” / “▶” button.

Menu Background

By pressing ▲ / ▼ button, select Menu Background. Transparency level is adjusted by pressing “◀” / “▶” button.

Menu Timeout

By pressing ▲ / ▼ button, select Menu Timeout. Press “◀” / “▶” button to change menu timeout to 15 sec, 30 sec or 60 sec.

Teletext Language

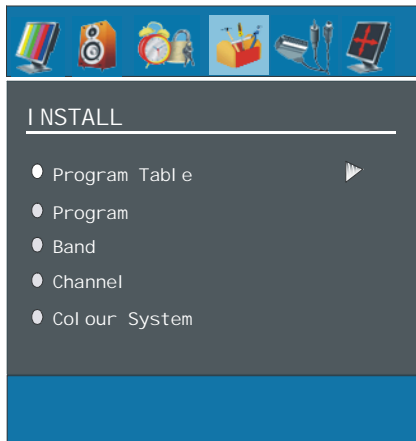
By pressing ▲ / ▼ button, select Teletext Language. Press “◀” / “▶” button to change Teletext Language to West, East, Turk/Gre,Cyrillic, or Arabic.

Default Zoom

Default zoom is a feature that provides the zoom mode of the TV set to be switched to the selected default zoom mode (Panoramic, 4:3, 14:9 zoom,16:9) in case no WSS or 4:3 signal by end-user.

By pressing ▲/▼ button, select **Default Zoom**. You can set **Default Zoom** to **Panoramic, 4:3, 14:9 Zoom** or **16:9** by pressing ◀ / ▶ button.

Install Menu



Program Table

By pressing ▲ / ▼ button, select Program Table. Press “▶” to display Program Table.

Program Table			
P01	BBC 1	P11	S 18
P02	C 04	P12	S 29
P03	C 05	P13	S 31
P04	BBC 1	P14	S 33
P05	CH 4	P15	S 34
P06	BBC 2	P16	S 35
P07	C 04	P17	S 36
P08	C 07	P18	S 37
P09	C 12	P19	S 40
P10	C 15	P20	C 21

Navigation buttons: Name (Red), Insert (Green), Delete (Yellow), APS (Blue)

By moving the cursor in four directions you can reach 20 programmes in the same page. You can scroll the pages up or down by pressing the navigation buttons to see all the programmes in TV mode (except the AV mode). By cursor action, programme selection is done automatically.

Name:

To change the name of a decided programme, select the programme and press the RED button.

The first letter of the selected name will be highlighted. Press ▲ / ▼ button to change that letter and “◀” / “▶” button to select the other letters. By pressing the RED button, you can store the name.

Insert:

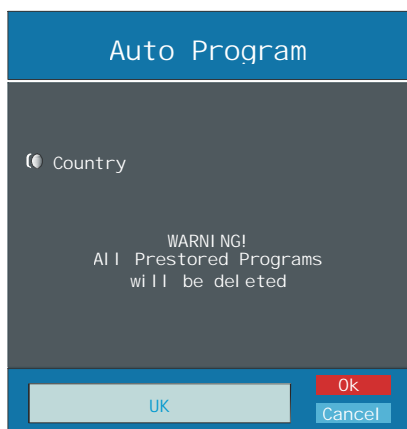
Select the programme which you want to insert by navigation buttons. Press the GREEN button. By navigation buttons move the selected programme to the decided programme space and press the GREEN button again.

Delete:

To delete a programme, press the YELLOW button. Pressing the YELLOW button again erases the selected programme from the programme list, and the programmes below shift one up.

APS (Auto Programming System)

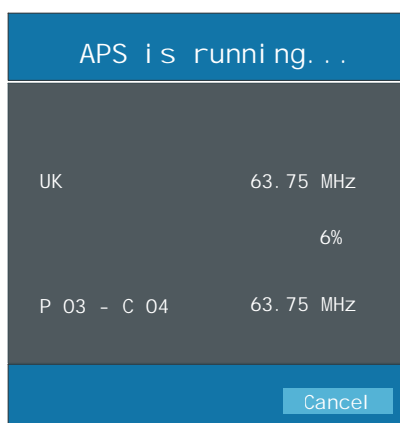
When you press the BLUE button for APS, Auto Programming System Menu will appear on the Screen.



A.P.S. (Auto Programming System) Country

Press ◀ / ▶ button to select your country. If you want to exit from A.P.S. function, press the "BLUE" button.

When you press OK or RED button for starting APS, all stored programs will be erased and the following screen will be displayed:



Whenever you press the "BLUE" button, A.P.S. function stops and Program Table appears on the screen. If you wait until the end of A.P.S., Program Table is displayed with the programmes found and located.

Program

By pressing ▲ / ▼ button, select Program. Press "◀" / "▶" button to select the program number. You can also enter a number via digit buttons on the remote control. There are 100 program storage between 0 and 99.

Band

Band can be selected either "C" or "S" by press "◀" / "▶" button.

Channel

Channel can be changed by "◀" / "▶" button or Digit Buttons.

Colour System

By pressing ▲ / ▼ button, select Colour System. Press "◀" / "▶" button to change the colour system to PAL, SECAM, PAL60 or AUTO.

If Sound System is set to I, SECAM is not available for the Colour System.

Note: In EXT mode, you can choose NTSC 3.58 and NTSC 4.43 as well.

Sound System

By pressing ▲ / ▼ button, select Sound System. Press "◀" / "▶" button to change the sound system to BG, I, L, L', DK. **For UK Select "I"**

Fine Tune

By pressing ▲ / ▼ button, select Fine Tune. Press "◀" / "▶" button to adjust the tuning.

Search

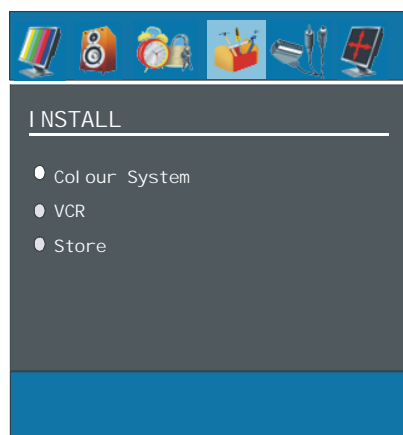
By pressing ▲ / ▼ button, select Search. Press "◀" / "▶" button to start program searching. You can also enter the desired frequency via digit buttons when search item is highlighted.

Store

By pressing ▲ / ▼ button, select Store. Press "▶" or "OK" button to store the adjustments. "Stored..." will be displayed on the screen.

Install menu in AV modes

The following screen appears in the install menu:



Colour System

By pressing ▲ / ▼ select **Colour System**. By pressing "◀" / "▶" button, you can change the colour sys-

tem to **PAL**, **SECAM**, **PAL 60**, **NTSC 4,43**, **NTSC 3,58** or **AUTO**.

VCR

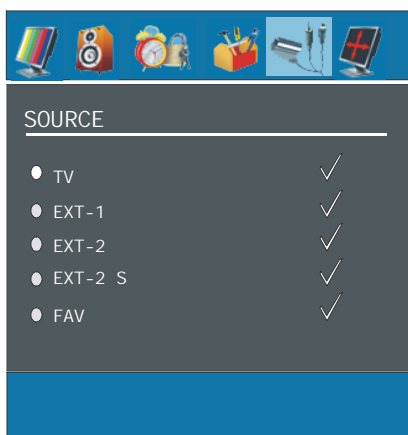
By pressing ▲ / ▼ select **VCR**. By pressing “◀” / “▶” button, you can set the VCR to ON or OFF.

Store

By pressing ▲ / ▼ button, select Store. Press “▶” or “OK” button to store the adjustments. “Stored...” will be displayed on the screen.

Source menu

By pressing “◀” / “▶” button, select the fifth icon. Source menu appears on the screen.



In source menu, highlight a source by pressing ▲ / ▼ button and switch to that mode by pressing “▶” or “OK” button. Source options are: TV, EXT-1, EXT-2, EXT-2 S, FAV, S-Video, HDMI-1, HDMI-2 and YPBPR.

Note: You can mark desired source options by pressing OK button. Therefore, when (AV) button is pressed, only the marked source options will be available.

Other Features


TV Status

Programme Number, **Programme Name**, **Sound Indicator** and **Zoom Mode** are displayed on the screen when a new programme is entered.

Mute Indicator

It is placed in the upper side of the screen when enabled.

Mute

To cancel mute, there are two alternatives; the first one is pressing the  button and the second one is increasing the volume level.

AV Modes

By pressing the AV button you can switch your TV to AV modes (except being in teletext). Pressing this button consecutively will switch the TV in one of the optional AV modes: **TV**, **EXT1**, **EXT2**, **EXT2 S**, **FAV**, **S-VIDEO**, **HDMI-1**, **HDMI-2** or **YPBPR**.

Personal Preference

By pressing PP button, you may change Picture Mode settings.

Zoom Modes

Zoom mode can be changed by pressing the **WIDE** button. You can change the screen size according to the picture aspect ratio. Select the optimum one from the following **ZOOM** modes.

Note:

- In YPBPR, HDMI-1 and HDMI-2 modes, while in 720p-1080i resolutions, only FULL mode is available.

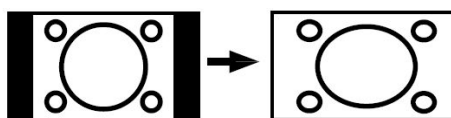
Auto:

When a **WSS (Wide Screen Signalling)** signal, which shows the aspect ratio of the picture, is included in the broadcast signal or the signal from an external device, the TV automatically changes the **ZOOM** mode according to the **WSS** signal.

- When the **AUTO** mode does not function correctly due to poor **WSS** signal quality or when you want to change the **ZOOM** mode, change to another **ZOOM** mode manually.

Zoom:

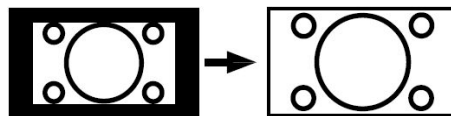
This uniformly stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the wide TV screen.



- For 16:9 aspect ratio pictures that have been squeezed into a normal picture (4:3 aspect ratio), use the **Full** mode to restore the picture to its original shape.

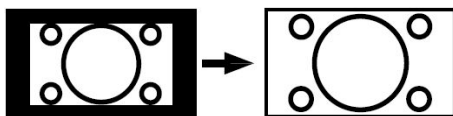
Cinema:

This zooms up the wide picture (16:9 aspect ratio) to the full screen.



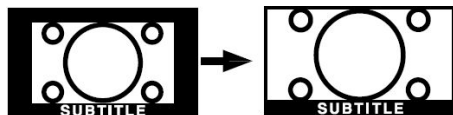
16:9 Zoom:

This zooms up the wide picture (16:9 aspect ratio) to the full screen.



Subtitle:

This zooms up the wide picture (16:9 aspect ratio) with subtitles to the full screen.



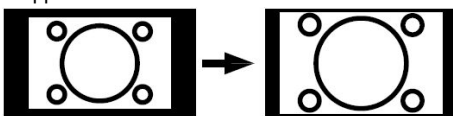
4:3

Use to view a normal picture (4:3 aspect ratio) as this is its original shape.



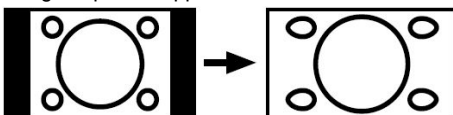
14:9 Zoom:

This zooms up the wide picture (14:9 aspect ratio) to the upper and lower limits of the screen.



Panoramic:

This stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the screen, without making the picture appear unnatural.



The top and bottom of the picture are slightly cut off.

Freeze Picture

You can freeze the picture on the screen by pressing the "OK" button.


Note: This feature will be unavailable to be used while watching YPBPr, HDMI-1 and HDMI-2 sources.


Teletext














You can display Teletext information on your TV. Each channel which broadcasts teletext, transmits a page with information on how to use its teletext system (usually page 100). Depending on the TV channel, teletext is transmitted in different systems. The colours used in the options line correspond with the colour buttons of your remote control.

- Ensure that the TV is receiving a good signal, or some text errors may occur.
- When four coloured items appear at the bottom of the text page, Fasttext is available. Fasttext allows you to access pages quickly and easily. Press the corresponding coloured button to access the page.

Special Teletext Functions

" To Display a page of text.

The view text services press "". To return normal viewing press again. Programmes cannot be changed until text is cancelled.

- To select a page, press the number buttons or program buttons (P+, P-).
- To select index page, press "" button.
- To select superimposed over the programme on the screen, press "".
- Press "" once to enlarge top half of the page, press again to enlarge the bottom half of the page. Press again to revert normal size.
- To discover solutions on quiz and games press "".
- At times it is convenient to hold a page of text. Press "/ " to hold a page. The page will be held on screen until the button pressed again.
- To select subcode pages press "". Subcode pages are subsections of long Teletext pages that can only be displayed on the screen one section at a time.
- Time information will be displayed on screen after pressing "" button. If the programme does not have teletext transmission, no information will be displayed.
- When "" button is pressed while in teletext mode, the screen will be splitted into two windows, one displaying the teletext and the other displaying the current channel. Press the "" button or "/ " button to exit from teletext.
- To exit text press "".

Note: If the signal becomes insufficient, the teletext mode will be quitted.

Fasttext

Your TV supports the 1000 page Teletext system. When the page number of any of the 1000 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 500 pages including the requested page into memory after finding it.

- Press the ▲ button to move the Teletext screen forward one page at a time.
- Press the ▼ button to move the Teletext screen backward one page at a time.

For Fasttext

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

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

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 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

High Definition

Your LCD Television is capable of displaying High Definition pictures from devices such as a High Definition Satellite Receiver or DVD Player. These devices must be connected via the **HDMI-1, HDMI-2** socket or Component Socket. These sockets can accept either 720p or 1080i signals.

Note: When it is desired to watch HDMI-1 and HDMI-2 source with a DVI to HDMI cable, in order to enable audio, there are two options that can be used:

- When you want to connect DVI and HDMI 1, the audio signal line must be connected to audio input in the component terminal (YPbPr).

- When you want to connect DVI and HDMI 2, the audio signal line must be connected to PC audio input.

Via The Scart

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

Note: If an external device is connected via the Scart sockets, the TV will automatically switch to AV mode. If both sockets are employed at the same time, SCART 1 becomes the preferential.

Via Aerial Input

If the device you want to connect does not have a Scart socket, you should connect it to the Aerial input of the TV.

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

Decoder

If you are subscribed to cable TV offers, the organisation will supply you a corresponding decoder unit to allow the programmes to be unscrambled.

For further information consult your dealer.

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 EXTERNAL socket of TV with a RCA cable. Through the SCART/RCA socket of the decoder, you may attain a better display resolution.

TV And Video Recorder

- Connect the aerial cables.

Better picture quality can be obtained if you also connect a Scart cable to **SCART** sockets.

Playback NTSC

- Connect NTSC VCR player to a Scart socket of the TV.

Then, press the “AV” button to select EXT1 or EXT2.

Copy Facility

Source selection for **VCR** recording.

- Select **Feature** menu.
- Select **SCART 2 Out** by pressing ◀ / ▶ button.
- For copying the picture that comes from the tuner, select SCART 1.

Camera And Camcorder

To Connect To AV Input

Connect your camera or camcorder to AV input of the TV.

- Connect your equipment to the TV via **VIDEO** (yellow), **AUDIO R** (red) and **AUDIO L** (white) inputs. You must connect the jacks into the input with the same colour.

Connection to S-Video Input.

Connect your camera or Camcorder to the S-Video input of the Tv.

- Connect the video to the S- Video input and the sound to the AV audio input.

Connect The Decoder To The Video Recorder

Some video recorders have a special Scart socket for decoder.

- Connect a Scart cable to the Scart socket of your decoder and to the special Scart socket of your video recorder. Refer to the booklet of your video recorder.

Connecting Headphones

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

Note: If you want to connect more equipment to your TV, consult your dealer.)

Audio Lineout

To connect the external speakers to your TV, use the Headphone Line Out of the TV. Additionally, turn "Line out" setting on in the "Sound Menu".

Note: While watching YPbPr sources, Lineout selection could only be the current source.

Care Of The Screen

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

LCD Screens. These are made up of over a million "Pixels". Occasionally a pixel may turn on fully or stay dark. This is normal and is not a matter of warranty complaint.

Do NOT hit or drop the screen as this could damage the LCD screen or its components..

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 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 your dealer.

No Picture means that your TV is not receiving a transmission. Have you selected the correct button on the remote control? Try once more.

Sound

You can not hear any sound. Did you perhaps interrupt the sound, pressing the  button?

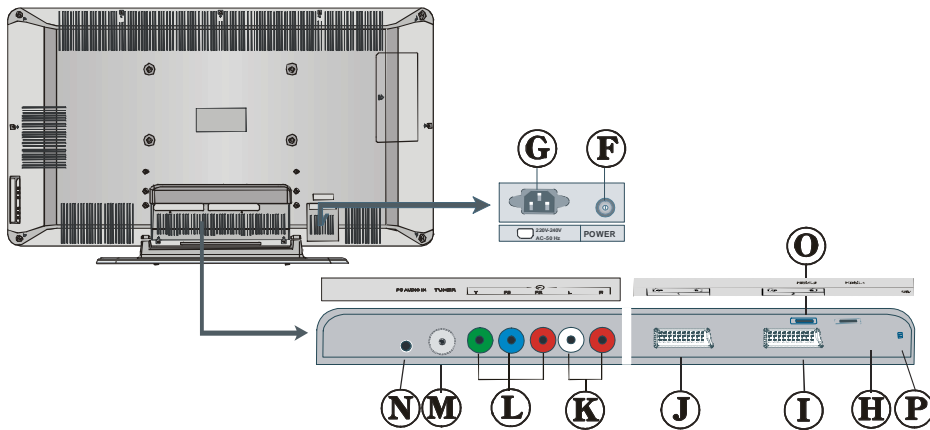
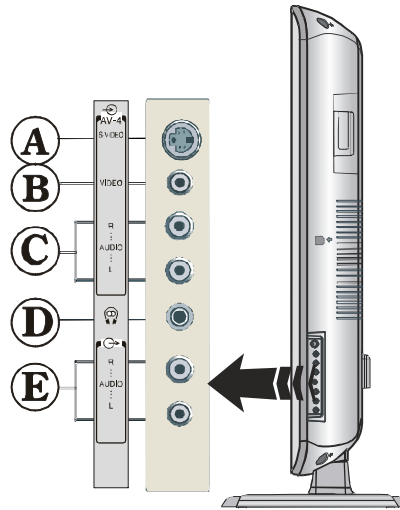
Sound is coming from only one of the speakers. Is the balance set to one extreme? See **Sound** menu.

Remote Control

Your TV no longer responds to the remote control. Perhaps the batteries are exhausted. If so you can still use the local buttons at the bottom of the TV.

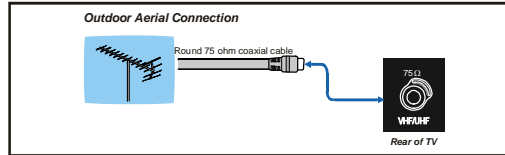
Peripheral Equipment Connections

- Ⓐ S-VIDEO Input
- Ⓑ Video Input
- Ⓒ Audio Inputs
- Ⓓ Headphone
- Ⓔ Audio Line Out
- Ⓕ Power On/Off switch
- Ⓖ Power cord input
- Ⓗ HDMI Input 1
- Ⓙ Scart 2
- Ⓚ Scart 1
- Ⓛ Component Audio Inputs
- Ⓜ Component Video (YPbPr) Inputs
- Ⓝ Aerial
- Ⓝ PC Audio Input
- Ⓞ HDMI Input 2
- Ⓟ For Service Use Only

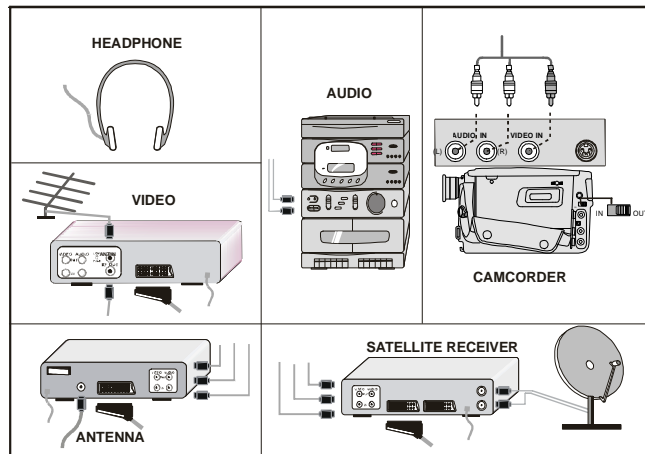


Note : Because FAV, CVBS and S-Video Y are connected in parallel, the picture will be distorted or cause interference if used at the same time. Likewise the S-Video C and Scart 2 R are connected in parallel and interference will be caused if used at the same time.

Appendix A: Aerial Connection



Appendix B: Connect Peripheral Equipment



Help Guide

Should you have problems or the Tv malfunction, please consult the guide below before calling the Customer Help Line.

Symptom	Possible Cause	Remedy
Dead. No led lit	No power to the Tv.	Check all connections and ensure the mains supply is turned on and the Tv power button is turned on.
No Picture. Led is Red.	Tv in standby.	Use the P+ P- buttons on the Tv or the Remote control or use a numeric button.
No Picture Led is Green.	Incorrect input selected.	Select Tv if Tv is required or AV if an external input is being used. Ensure the external apparatus is turned on.
Picture Ok. No sound	Volume set low	Turn the Volume up with the V+ button
	Mute is ON	Turn Mute OFF with the remote control
	Incorrect sound system selected.	In the UK "I" must be selected
Picture is noisy or ghosting	Poor aerial signal	Check all aerial connections. If using an indoor aerial, you may need an outdoor aerial
Teletext freezing or breaking up	As above	As above
No or intermittent Remote control functions	Battery exhausted	Replace battery in handset

If you are still having difficulty please call the Technical help line. Ring 01422 263313 (Normal rates apply). Opening hours Mon-Fri 8 am - 8pm. Sat 9 am - 4pm. Sun 11am - 4pm "Bank holidays as Sun".



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of un-insulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the persons.



The exclamation point within an equilateral triangle is intend to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Correct disposal of this Product (Waste Electrical & Electronic Equipment (WEEE))



The crossed out "Wheelie bin" is intended to show that this appliance must not be placed with ordinary household waste at the end of its useful life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please keep separate from other household waste and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where you purchased the product, or their local government office for details of where and how you can take this item for environmentally safe re-cycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product must not be mixed with other commercial wastes for disposal

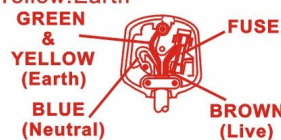
IMPORTANT

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

Blue: Neutral

Brown: Live

Green & Yellow: Earth



If your product is fitted with a moulded plug which requires replacement please cut off the plug and dispose of safely. The replacement plug should then be rewired as shown in the diagram.

As the colours of the wires in the mains lead of this apparatus 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 colour green or green and yellow.

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

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

This appliance must be earthed.

If a 13 Amp (BS1363) Plug is used, fit an ASTA approved 3 Amp Fuse.

Specifications

TV BROADCASTING

PAL/SECAM B/G D/K K' I/I' L/L'

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

220-240V AC 50 Hz

AUDIO

German+Nicam Stereo

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

2 x 8

POWER CONSUMPTION (W)

210 W

1,5 W (Stand-by)

PANEL

16:9 display, 42" Screen Size

DIMENSIONS (mm)

DIMENSIONS (mm)				
D	L	H	Weight (kg)	
285	1188	735	24,4	With foot
118	1188	680	21,8	Without foot