

22" LCD TV

Model: L22/3



USER GUIDE



WARNINGS

Thank you for purchasing this television. For your safety, please take time to read these instructions carefully in order to familiarise yourself with the operation of the appliance and the important safety information. We strongly recommend that this product is installed by a competent person. If in doubt, refer to the retailer or the manufacturer helpline.

Caution

This television contains no user serviceable parts. Please refer to the manufacturer or authorised repair agent in the event of malfunction. Do not remove the back cover from the television.

Warning

To reduce the risk of fire, electric shock or damage to the television, do not expose it to dust, rain or moisture, or place any objects filled with liquids on or near the television.

Do not place the television in a confined space, ensure that nothing can obstruct the ventilation openings at the rear of the television.

Do not place naked flames on or near the television.

Dispose of this television and any components including batteries in an environmentally friendly manner. If in doubt, please contact your local authority for details of recycling.

Your LCD TV should be cleaned using a dry or slightly damp cloth. You should not use an alcohol based cleaner

Safety

For your safety, this appliance is fitted with a fused moulded 3 pin mains plug. Should the fuse need to be replaced, ensure that any replacement is of the same amperage and approved with the BSI mark. (⚡)

Never try and replace the mains plug unless you have adequate qualifications and are legally authorised to do so. In the event that a replacement Mains cable is required, contact the manufacturer for a suitable replacement.

Never use the television if it is damaged in any way.

Always place the television on a flat level surface avoiding anywhere which may be subject to strong vibration. Ensure the television is not placed on top of the power cable as the weight of the television may damage the cable and cause a safety hazard.

Never place mobile phones, speakers or any other device which may cause magnetic or radio interference with the television. If interference is apparent, move the device causing the interference away from the television.

Packaging

Please save the packaging for the television as you will need this in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package it correctly. The safest way to package your item in the event of warranty/service repair is in its original box/packaging

WARNINGS

Screen Burn

A characteristic of Plasma and LCD TV Panels is that displaying the same image for along time may cause a permanent after-image to remain on the screen. This is called screen burn. Most pictures shown on your TV will be constantly moving and fill the screen.

Examples of images that you need to watch out for are as follows (this is not an all-inclusive list):

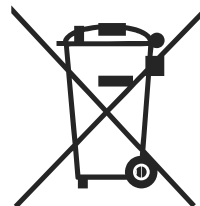
- **TV Channel Logos: e.g. Shopping channel logos and pricing displays-especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.**
- **Picture-in-Picture and Multi Picture-in-Picture: Do not view for long periods of time using the Picture-in-Picture or Multi Picture-in-Picture functions.**
- **Time Displays**
- **Teletext: Do not view a stationary page for long periods of time.**
- **TV/DVD Menus: e.g. Listings of DVD disk content.**
- **Pause Mode: Do not leave the TV in pause mode for long periods of time, e.g. When watching DVDs or videos.**

Note: To prevent screen burn if viewing any of the above for long periods of time, reduce contrast and brightness when viewing. Once burn-in occurs it will never disappear completely.

How do I dispose of this product?

UK: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. For your nearest facilities, please see www.recycle-more.co.uk or instore for details.

ROI: Produced after 13th August 2005. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



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**Trouble setting up?
Call the Technical Support line on 0845 456 6767**

WHAT IS INCLUDED IN THE BOX

Accessories

Included with this TV are the following accessories:

1x - User Guide Book



1x - Remote control



1x - RF lead



2x - AA batteries



1x - AC mains lead



1x - Power Adapter



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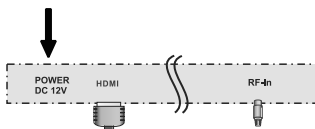
GETTING STARTED - INITIAL SET UP

IMPORTANT - AFTER TUNING DO NOT PRESS ANY BUTTONS FOR 20 SECONDS SO THE CHANNEL INFORMATION CAN BE STORED.

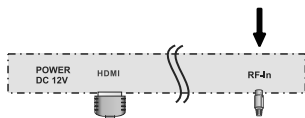
TUNING IN DIGITAL TV (FREEVIEW)

IMPORTANT — Please ensure the TV has reached room temperature before connecting the power for the first time

- 1) Connect the mains lead to your electrical outlet and connect the power adaptor to the television.



- 2) Connect the RF Cable supplied to the 'RF IN' on the rear of the TV and connect the other end of the cable to your TV Aerial outlet



- 3) Install batteries in the remote control and press the [POWER] button to turn on the TV.



The 'Initial Set up-DVBT/Freeview TV' menu should now appear. If it does not, please go to step 5.

- 4) Press [OK] on the remote control whilst 'Confirm' is highlighted on screen.



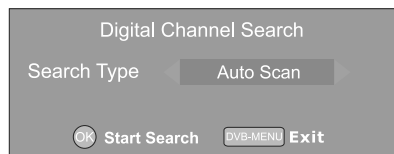
Tuning will now take place. Once it has finished tuning is complete.

If you do not see the Initial Setup Screen, follow the below:

- 5) Ensure the TV is in DVB mode (press [TV/AV/PC] on remote control and select DVB)



- 6) Press the button labelled 'DVB-MENU' on remote control to access settings menu, Scroll to 'Channel Search' and press [OK].



- 7) The above will appear press [OK] to start search
Auto tune will now take place and set up is complete.

Important - Due to signal strength variations across the UK for Digital TV, please note that not all of the channels/services may be available in your region.

Over the coming months as coverage increases, more services and channels may become available. Every few months, follow point 5 to re-scan for new channels/services,

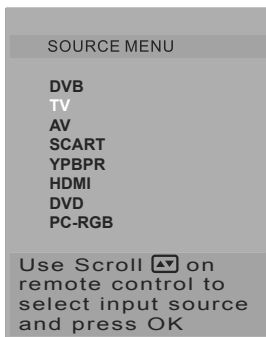
In the event of poor reception in either Analogue TV or Digital TV (DVB) it may be necessary to install a signal 'booster' to enhance reception. For Digital/Freeview TV (DVB) you may need to upgrade your aerial to a High Gain Digital version.

GETTING STARTED - INITIAL SET UP

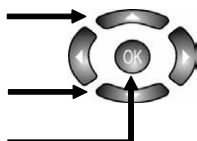
TUNING IN ANALOGUE TV

IMPORTANT — If you do not have Digital TV (Freeview) in your area or wish to tune in via the analogue signal please follow the below.

- 1) First you must switch the TV to "TV" mode
Press [TV/AV/PC]
The Source Menu will appear



- 2) Using these buttons highlight 'TV'



- 3) Press [OK]

The following should now appear if it does not please refer to the Manual

Warning-Ensure you have connected your TV aerial to the input labelled "RF IN" on rear of TV.

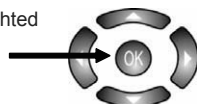
Do you want to run Auto search?

YES

NO

Ensure "YES" is highlighted and press "OK" on Remote control.

- 4) "Yes" should be highlighted
Press [OK]



The TV channels will now tune in.

After tuning is complete the below screen will appear.

PR	NAME	SYSTEM	FREQ	SKIP
1	BBC1	I	759.25	OFF
2	BBC2	I	807.25	OFF
3	ITV	I	733.25	OFF
4	CH4	I	727.25	OFF
5	CH5	I	695.25	OFF
6		I	450.00	ON
7		I	450.00	ON
8		I	450.00	ON
9		I	450.00	ON
10		I	450.00	ON

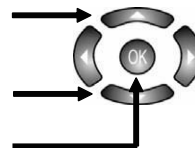
SWAP INSERT COPY DELETE
 Exit

To "swap" channel positions - scroll to channel you wish to swap press Red button on R/Control. Then scroll to position you would like to move it to, then press OK.

You may wish to change the order of the channels.

- 5) Press [RED] button to select the channel you wish to move.

- 6) Using these buttons move to the location where you would like this channel



- 7) Press [OK] to confirm location.

The channel is now moved.

Repeat this process until all the channels are in the order which you would like them.

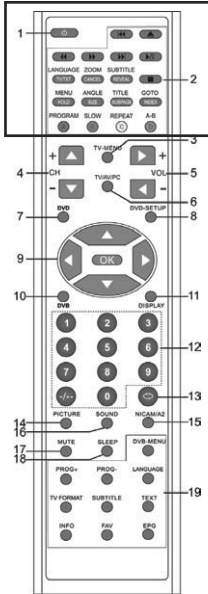
REMOTE CONTROL BUTTONS

Using the remote control for normal TV functions.

1. Fit two AA batteries, making sure that they are the correct way round, as marked on the case.
2. Aim the remote control at the sensor at the bottom right of the TV, ensure it is not blocked at any time.
3. Do not press the buttons on the remote control too quickly, allow time for the set to respond.

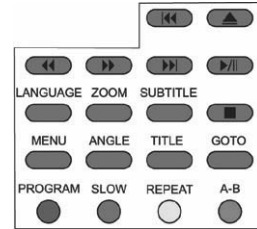
Note. The set will switch to TV mode when you press a "Numeric" button, Return button, or CH + / CH- button, when in PC, Scart .

see fig 2, 3



1. **POWER**: turn on or off the TV from standby.
2. buttons for **TELETEXT** and **DVD**(see below)
3. **TV-MENU**: TV system setup menu.
4. **CH+/-**: scan through channels.
5. **VOL+/-**: adjust the volume.
6. **TV/AV/PC**: input source select.
7. **DVD**: Switch to DVD
8. **DVD-SETUP**: DVD system setup.
9. **Cursor left/right/up/down**: Cursor buttons used in menus.
10. **OK**: CONFIRM BUTTON for menu.
11. **DVB**: Switch to FREEVIEW.
12. **DISPLAY**: display current mode.
13. **0-9,-/=:** choose channel directly. Number buttons for DVD.
14. **RETURN**: go back to play the last channel.
15. **PICTURE**: select the picture mode: User, Normal, Soft or Vivid.
16. **NICAM/A2**: Switch on and off NICAM sound in TV mode.
17. **SOUND**: select the sound mode: User, Normal, News and Movie.
18. **MUTE**: silence.
19. **SLEEP**: shutdown timer.
19. Buttons for **FREEVIEW** (see next page)

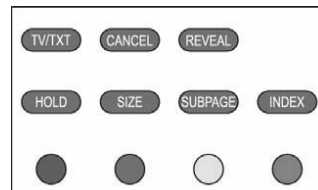
Fig 2 - DVD mode



- : load/eject DVD disc.
- : play/pause DVD program.
- : stop DVD program.
- : DVD fast forward..
- : DVD fast reverse
- : DVD next chapter.
- : DVD previous chapter.
- LANGUAGE**: select DVD disc language.
- ZOOM**: adjust picture size in DVD mode.
- SUBTITLE**: select DVD disc subtitle.
- MENU (PBC)**: DVD play list/Disc menu
- ANGLE**: select DVD picture angle.
- TITLE**: DVD title.
- GOTO**: play your favourite title/chapter/track.
- PROGRAM**: edit the program and play.
- SLOW**: play DVD programs at slow speed.
- REPEAT**: repeat playing the title or chapter.
- A-B**: select and play the preferable chapter of DVD program by pressing this key twice at the beginning and end of it.

- TV/TXT**: turn off/on the Teletext display.
- CANCEL**: cancel the Teletext display.
- REVEAL**: reveal any hidden text.
- HOLD**: hold or carry on the current subpage.
- SIZE**: press to see top half of page double size. Press again to see the bottom half of page double size. Press again for normal size.
- SUBPAGE**: press to subpage, again to cancel.
- INDEX**: go to index.
- Colour buttons**: short cuts-follow the coloured links in the text.

Fig 3 - Teletext mode



red green yellow blue

REMOTE CONTROL BUTTONS & TV BUTTONS

FREEVIEW MODE/BUTTONS

DVB-MENU: To display the main menu on the screen or return to the screen from a menu screen.

PROG+/-: FREEVIEW program up/down

LANGUAGE: To select FREEVIEW audio language

TV FORMAT: To change the aspect ratio of the TV picture

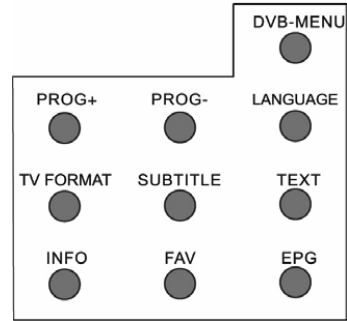
SUBTITLE: To switch the dialog at the bottom of the screen

TEXT: To view the teletext broadcasting program

INFO: Displays the channel name and number

FAV: Means favourite, to display the favourite channel list defined by you.

EPG: Opens the Electronic Program Guide



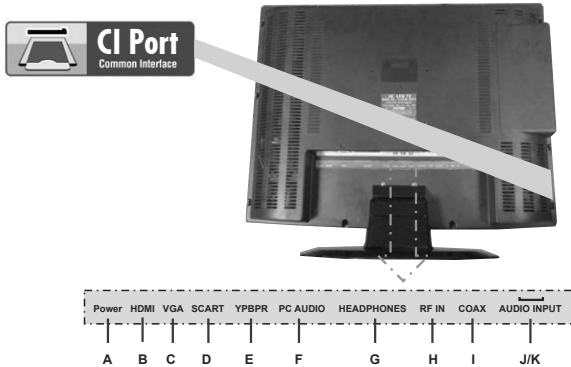
SIDE PANEL BUTTONS

1	OSD (On Screen Display) Menu
2	Channel down/Scroll down
3	Channel up/Scroll up
4	Volume down/Left orientation
5	Volume up/Right orientation
6	Select the input source: DVB/TV/SCART/YPBPR/HDMI/DVD/PC-RGB
7	Power ON/OFF from standby
8	Remote Control Receiver
9	Power LED Indicator
10	DVD - Eject
11	DVD - Backward/Previous Chapter
12	DVD - Forward/Next Chapter
13	DVD - Stop
14	DVD - Pause
15	DVD - Play

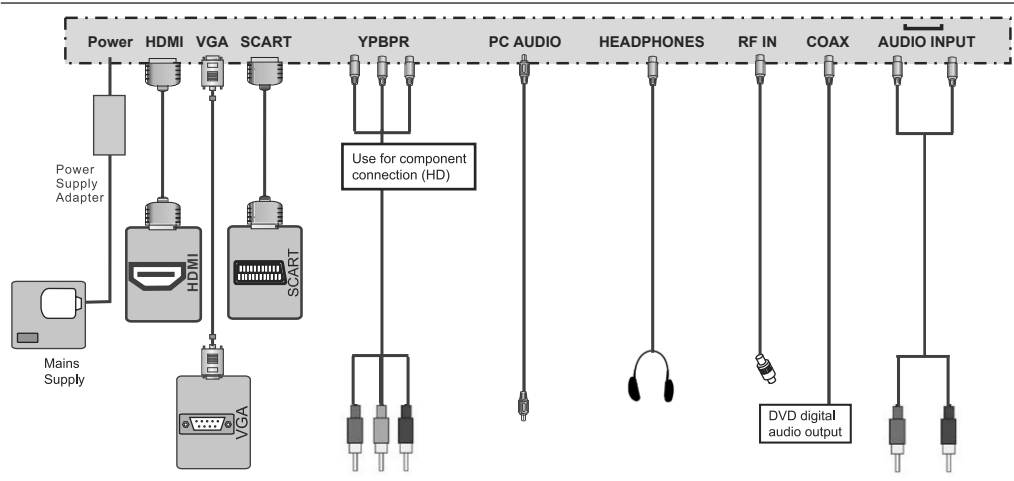


INPUTS & CONNECTIONS

REAR CONNECTIONS



A	Power	Power input
B	HDMI	HDMI input
C	VGA	VGA input
D	SCART	SCART input
E	YPBPR	Component input
F	PC AUDIO	PC Audio input
G	HEADPHONES	Headphone output
H	RF IN	RF input
I	COAX	Audio Coax output
J/K	AUDIO INPUT	Audio input



Choosing Mode/Source

To switch between the different connections is very easy.

- 1) Press [TV/AV/PC] - The following will appear
- 2) Press [V] or [^] to select the input you require.
- 3) Press [OK]

Connecting HD Ready Devices

There are two options for HD.

- 1) By connecting via HDMI cable (not included) – this provides both HD picture and sound.
- 2) By connecting via Component (YPbPr) cable (not included) – this provides HD picture. Source should be set to YPbPr.

SOURCE MENU

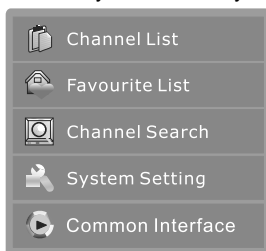
DVB
TV
SCART
YPBPR
HDMI
DVD
PC-RGB

Use Scroll on remote control to select input source and press OK

DIGITAL TV (FREEVIEW) MENU OPERATION

Within Digital TV (DVB) mode there is also a channel settings menu. This is provided so you can search for new channels, change the picture format, create favourite lists and apply a pin code to limit access.

The menu is very user friendly.



Channel List

- 1) Press [DVB-MENU]
- 2) Press [OK]



This tells you various information about each channel

To delete stations

Press [V] or [^] to select the station
Press [YELLOW] to delete the stations.

To lock stations

You may wish to lock channels so they can't be viewed - i.e. Adult content.
Press [V] or [^] to select the station
Press [BLUE] to lock the selected channel

Enter the pin code and then press [OK]
See page 11 for 'Pin Code' function

- 3) Press [DVB-MENU] twice to exit

Create/Edit Favourite List

You may wish to create a favourite list so you can easily access the channels you enjoy.

- 1) Press [DVB-MENU]
- 2) Press [V] to select favourite list
- 3) Press [OK]



You can create favourite lists for up to 5 users

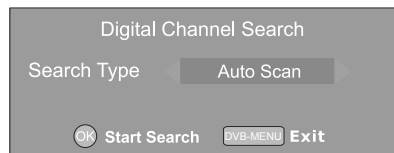
- 4) Press [V] or [^] to select the station you wish to add.
It will be highlighted in light blue.
- 5) Press [OK] to add
Repeat this process until you have added all the channels you want
You can store up to 100 stations in the favourite list
- 6) Press [RED] to move the next Favourite list.
- 7) Press [DVB-MENU] twice to exit

To use the favourite list. Press [FAV] and select the list you require to use.

Search for New Channels

Every so often new digital channels are launched.
You can search for these as follows.

- 1) Press [DVB-MENU]
- 2) Press [V] twice to select Channel Search
- 3) Press [OK]



- 4) Press [OK] to start search
When it has finished it will return to digital TV

DIGITAL TV (FREEVIEW) MENU OPERATION

System Settings

- 1) Press [DVB-MENU]
- 2) Press [V] 3 times to select System Settings
- 3) Press [OK]



First Time Installation/Reinstall

First Time Installation is highlighted, Press [OK]. You will then be prompted on screen. Press [<] to highlight Confirm and then press [OK]

System Info

You may be asked by a service engineer which version of software your TV has.

Press [V]
Press [OK]

Software version will now be displayed on screen.

Setting / Changing Pin Code

Pin code is used for locking channels. You may wish to change it to a memorable number. Once changed it can only be reset by switching the TV back to factory settings (see page 17).

Press [V] twice
Press [OK]
Enter old pin code
(default is 888888)
Enter new pin code
Enter again
Press [OK] to confirm

Software update

This mode is so a service engineer can perform software update, as default it should be set to Auto.

- 4) After you have finished with this menu press [DVB-MENU] twice to exit menu

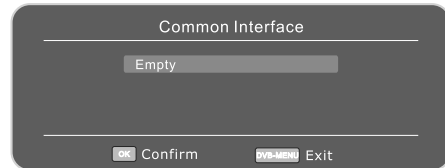
Common Interface Port

Pay per view services require a "smartcard" to be inserted into the TV. If you subscribe to a pay per view service the provider will issue you with a 'CAM' card "smartcard". The CAM can then be inserted into the COMMON INTERFACE PORT (see page 9). To access the card follow the steps below.

- 1) Press [DVB-MENU]



- 2) Press [V] 4 times to select Common Interface
- 3) Press [OK]



You will now see the above screen, if a card is inserted it will be listed.

- 4) Press [OK] to access the card service.

DIGITAL TV (FREEVIEW) MENU OPERATION

Electronic Program Guide (EPG)

The Electronic Program Guide (EPG) is available in Digital TV mode. It is a 7 day TV guide and provides information about forthcoming programmes (where supported by the broadcasted channel).

You can view the start and end time of all programs and on all channels for the next 7 days.

It is very simple to operate.

1) Press [EPG]. The following will appear



2) Press [CH+] or [CH-] to select channel you wish to see information about



- 3) Press [V] or [^] to move through the programs for the day highlighted
- 4) Press [>] or [<] to move through the days of the week

In the top right hand corner will appear information about the program you have selected

5) Press [DVB-MENU] to exit Electronic Program Guide (EPG).

Digital TV Teletext

With Digital TV (Freeview) there is also digital teletext available on some channels. Simply follow the on screen commands. Here is an example of the BBC digital teletext service.

1) To start digital teletext press RED button.



2) To select the information you require you can scroll using [V] or [^] and press [OK] alternatively you can key the page number for example [3][0][0] followed by [OK]



You can then navigate using the colour buttons (Red, Green, Yellow, Blue), the [V] [^] buttons and numbers.

If you wish to exit at anytime press [TEXT]

TV MENU OPERATION

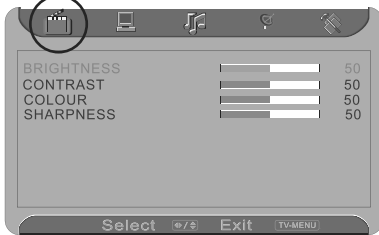
PICTURE SETTINGS

Lets you adjust the brightness, contrast colour and sharpness to enhance the viewing experience.

Adjusting Brightness

Increase or decrease the brightness of the picture

- 1) Press [TV-MENU] to enter menu
- 2) Press [V] to select Brightness
- 3) Then press [>] or [<] to increase or decrease the brightness



- 4) Press [TV-MENU] twice to exit

Adjusting Contrast

Adjust the balance between black & white

- 1) Press [TV-MENU] to enter menu
- 2) Press [V] twice to select Contrast
- 3) Then press [>] or [<] to increase or decrease the Contrast



- 4) Press [TV-MENU] twice to exit

Adjusting Colour

Increase the colour from black and white to vivid.

- 1) Press [TV-MENU] to enter menu
- 2) Press [V] 3 times to select Colour
- 3) Then press [>] or [<] to increase or decrease the Colour



- 4) Press [TV-MENU] twice to exit

Adjusting Sharpness

Increase or decrease the sharpness of the picture. If you have a poor signal strength you should reduce the sharpness to get a better picture.

- 1) Press [TV-MENU] to enter menu
- 2) Press [V] 4 times to select Sharpness
- 3) Then press [>] or [<] to increase or decrease the Sharpness



- 4) Press [TV-MENU] twice to exit

TV MENU OPERATION

SOUND SETTINGS

Lets you adjust the balance and audio presets to enhance the viewing experience.

Adjusting Balance

To switch the sound between the left and right speakers

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] to go to Sound menu
- 3) Press [V] twice to select Balance
- 4) Then press [>] or [<] to increase or decrease the balance



- 5) Press [TV-MENU] twice to exit

Selecting Audio Preset

Switch between different preset sound options.

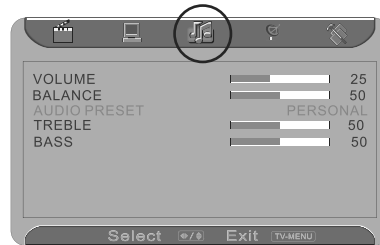
THEATRE – Provides live and full sound for movies

MUSIC – Emphasises music over voices

VOICE – Emphasises voices over other sounds

PERSONAL – Selects your personal sound settings

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] to go to Sound menu
- 3) Press [V] 3 times to select Audio Preset
- 4) Then press [>] or [<] to switch between Theatre, Voice, Music, Personal.



- 5) Press [TV-MENU] twice to exit

If you select Personal you can now move down highlight Bass or Treble and increase or decrease using the [<] or [>].

TV MENU OPERATION

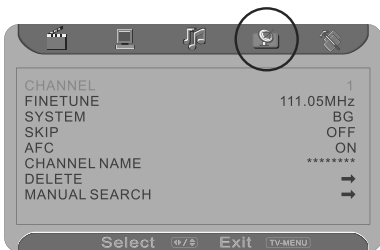
TUNING SETTINGS

Tuning Program

You may wish to do some additional tuning (for analogue channels only), in order to improve the picture quality, move channels around or connect via RF to a freeview box or Sky digital.

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] twice to go to Tuning Menu
- 3) Press [V] to select Tuning Program
- 4) Press [>] to enter menu

You are now in this menu. The following can now be changed:



Fine Tune

You may wish to improve the picture quality on certain analogue channels.

- 1) Press [V] until Fine Tune is highlighted and
- 2) Press [>] or [<] to adjust.

System

You may wish to alter the System that the TV is set to if you wish to take the TV abroad.

The system for the UK should be set to 1. If you wish to tune to another country, please contact the helpline and we can advise.

- 1) Press [V] until System is highlighted and
- 2) Press [>] or [<] to change between the different options.

Skip

If there is a channel that you do not wish to view you can add 'Skip' to that channel. When you press P+ or P- it will skip past this channel.

- 1) Press [V] until Skip is highlighted and
- 2) Press [>] to change to ON

Automatic Frequency Control (AFC)

This lets the TV automatically fine tune to a frequency. As default it should be ON.

- 1) Press [V] until AFC is highlighted and
- 2) Press [>] to change to ON

Name/Rename Channels

This is to change the name of the channel

- 1) Press [V] until Channel Name is highlighted and Press [>] to enter name.
- 2) Press [V] or [^] to change the letters and [>] to move to next letter.

Delete

You may wish to delete a channel if it has not tuned in correctly or is repeated

- 1) Press [V] until Delete is highlighted and
- 2) Press [>] to select. The Press [<] so 'Yes' is highlighted and Press [OK] to delete.

Manual Search

You may wish to manual search if you can't find a certain channel or if you wish to connect to a Satellite/Cable box via RF/Aerial connector.

- 1) Press [V] until Manual Search is highlighted and Press [>] to enter menu.
- 2) Then Press [>] to scan downwards or
- 3) Press [V] to move to scan upwards and
- 4) Press [>] to start.
- 5) Press [TV-MENU] 3 times to exit.

TV MENU OPERATION

Program Edit / Changing Analogue Channel Position

You can change the analogue channel position to suit your requirements.

- 1) Press [TV-MENU] to enter menu
 - 2) Press [>] twice to go to Tuning menu
 - 3) Press [V] twice to select Program Edit
 - 4) Press [>] to enter menu
 - 5) To swap an analogue channel
Press [RED]
 - 6) Move to the location you would like to place it
Press [OK]
- Repeat the process with all analogue channels.

PR NAME	SYSTEM	FREQ	SKIP
1 BBC1	I	759.25	OFF
2 BBC2	I	807.25	OFF
3 ITV	I	733.25	OFF
4 CH4	I	727.25	OFF
5 CH5	I	695.25	OFF
6	I	450.00	ON
7	I	450.00	ON
8	I	450.00	ON
9	I	450.00	ON
10	I	450.00	ON

SWAP INSERT COPY DELETE
 Exit

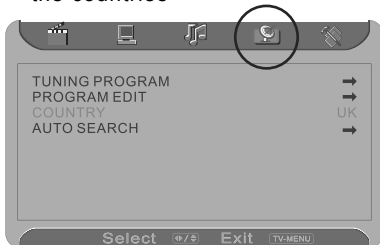
To "swap" channel positions - scroll to channel you wish to swap press Red button on R/Control. Then scroll to position you would like to move it to, then press OK.

- 7) Press [TV-MENU] to exit

Changing Country Settings

If you are moving the TV to another country you will need to change the region. The TV's default is UK.

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] twice to go to Tuning menu
- 3) Press [V] 3 times to select Country
- 4) Then press [>] or [<] to change between the countries



- 5) Press [TV-MENU] twice to exit

Auto Search

Scan for all analogue channels based on the current settings

- 1) Press [TV-MENU] to enter menu
 - 2) Press [>] twice to go to Tuning menu
 - 3) Press [V] 4 times to select Auto Search
 - 4) Then press [OK]
 - 5) Press [<] to highlight 'OK' and then Press [OK]
- The TV will now tune in.



- 6) The program edit screen will now appear

PR NAME	SYSTEM	FREQ	SKIP
1 BBC1	I	759.25	OFF
2 BBC2	I	807.25	OFF
3 ITV	I	733.25	OFF
4 CH4	I	727.25	OFF
5 CH5	I	695.25	OFF
6	I	450.00	ON
7	I	450.00	ON
8	I	450.00	ON
9	I	450.00	ON
10	I	450.00	ON

SWAP INSERT COPY DELETE
 Exit

To "swap" channel positions - scroll to channel you wish to swap press Red button on R/Control. Then scroll to position you would like to move it to, then press OK.

- 7) To swap a channel Press [RED]

Move to the location you would like to place it
Press [OK]
Repeat the process with all analogue channels.
Press [TV-MENU] to exit

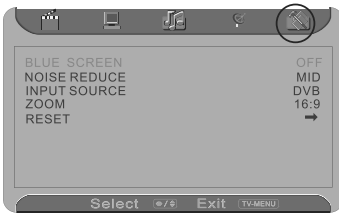
TV MENU OPERATION

GENERAL SETTINGS

Adjusting Blue Screen

Changes the background when there is no input between clear and a blue background

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] twice to go to General menu
- 3) Press [V] to select Blue Screen
- 4) Then press [>] or [<] to change between on and off

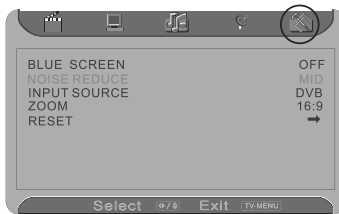


- 5) Press [TV-MENU] twice to exit

Noise Reduce

Reduces the interference in the picture

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] twice to go to General menu
- 3) Press [V] twice to select Noise Reduce
- 4) Then press [>] or [<] to change between LOW, MID, HIGH, OFF

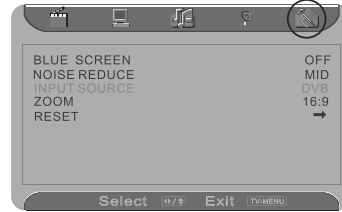


- 5) Press [TV-MENU] twice to exit

Adjusting Input Source

You may wish to change the input which is being used

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] twice to go to General menu
- 3) Press [V] 3 times to select Input Source
- 4) Then press [>] or [<] to change between DVB, TV, SCART, YPBPR, HDMI, DVD, PC-RGB

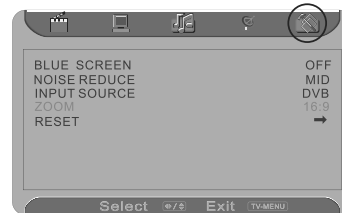


- 5) Press [TV-MENU] twice to exit

Adjusting Picture Format

You may wish to change picture format between 16:9 and 4:3.

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] twice to go to General menu
- 3) Press [V] 4 times to select Zoom
- 4) Then press [>] or [<] to change between 16:9 and 4:3

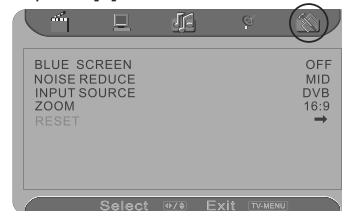


- 5) Press [TV-MENU] twice to exit

Reset

You may wish to reset the menus to factory settings e.g. if you have forgotten a changed password

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] twice to go to General menu
- 3) Press [V] 5 times to select Reset
- 4) Then press [>] to reset



TELETEXT OPERATION

Teletext is a service offered by some broadcasters.

Teletext Operation

- 1) Press [TV/TXT], after a few seconds teletext page 100 should appear.

Here is an example of BBC1



- 2) You can now navigate to the page you require in a number of ways:
 - a) Press the page you require using the number buttons i.e. page 302, by pressing [3][0][2]
 - b) Press the colour buttons, these will take you to the page indicated at the foot of the screen for each colour
 - c) Press [CH+] or [CH-] these will take you to next page. i.e. if you are on page 150 and you press [PGDN] the page will switch to 149
- 3) To exit Teletext press [TV/TXT] twice at any time

Other buttons

[SIZE] this increases or decreases the size of the text on screen
[INDEX] some pages are more than one page long this button displays the number of pages
[REVEAL] if there is an answer or something hidden this will display it
[SUBPAGE] displays the sub page if it exists

CONNECTING TO A PC - WINDOWS XP

IMPORTANT— Before connecting to a PC you must ensure that the settings of the PC's output are correct for the new LCD Monitor.

You need to do the following with your old monitor connected

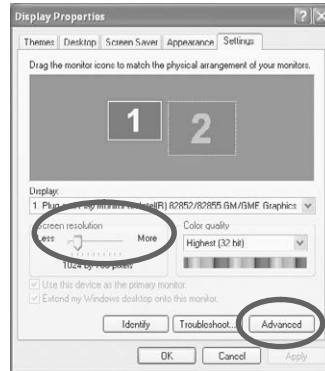
- 1) Switch on your PC
- 2) When finished booting up, right click your mouse anywhere on the screen, this screen will appear



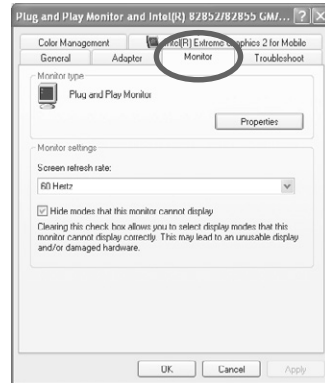
- 3) Left click your mouse on Properties, this screen will appear



- 4) Left mouse click on Settings, this screen will appear. Check the Screen Resolution is set to 1024 by 768 pixel. You can adjust the resolution by moving the slider on screen.



- 5) Left mouse click on Advance, this screen will appear, click on tab called 'Monitor'



- 6) Left click on the drop down for Screen refresh rate and select 60 Hertz.
- 7) Finally click Apply, then click Yes and the settings will be saved.
- 8) Turn off your PC.
- 9) Connect up your LCD TV to your PC and switch on.
- 10) Switch on your PC, Windows will automatically Install the LCD TV.

For Windows Vista operating system the process is very similar to the above.
If you require additional support please contact the helpline.

PC MENU OPERATION (VGA)

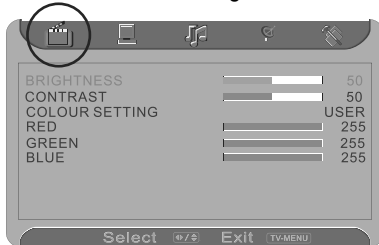
Within PC mode there is an additional menu. This can be operated in the following way.

PC PICTURE SETTINGS

Adjusting Brightness

Increase or decrease the brightness of the picture

- 1) Press [TV-MENU] to enter menu
- 2) Press [V] to select brightness
- 3) Then press [>] or [<] to increase or decrease the brightness



- 4) Press [TV-MENU] twice to exit

Adjusting Contrast

Adjust the balance between black & white

- 1) Press [TV-MENU] to enter menu
- 2) Press [V] twice to select contrast
- 3) Then press [>] or [<] to increase or decrease the contrast



- 4) Press [TV-MENU] twice to exit

Adjusting Colour Settings

In monitor mode the TV has two preset colour settings 9300k and 6500k. There is also 'USER' where you can adjust yourself

- 1) Press [TV-MENU] to enter menu
- 2) Press [V] 3 times to select colour settings
- 3) Then press [<] or [>] to switch between 9300k, 6500k or USER.



When in USER mode you can move down and highlight Red, Green or Blue and increase or decrease using [<] or [>].

PC MENU OPERATION (VGA)

PC SCREEN SETTINGS

Auto Configuration of Screen

Lets you automatically configure the television to be used as a computer monitor

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] to select PC settings
- 3) Press [V] to select Auto Config

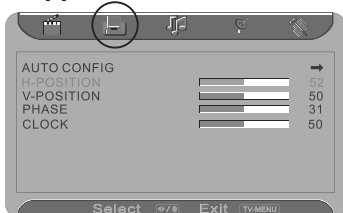


- 4) Then press [>] for the TV to automatically configure itself
- 5) Press [TV-MENU] twice to exit

Horizontal Position

Changes the horizontal position of the picture

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] to select PC settings
- 3) Press [V] twice to select H-Position

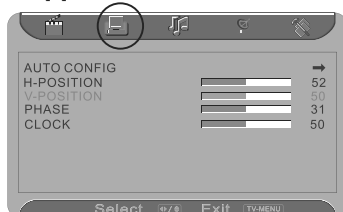


- 4) Then press [>] or [<] to move the picture to left or right
- 5) Press [TV-MENU] twice to exit

Vertical Position

Changes the vertical position of the picture

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] to select PC settings
- 3) Press [V] 3 times to select V-Position

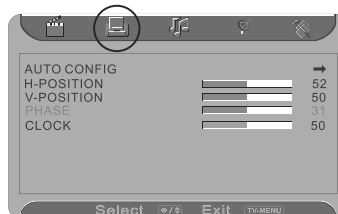


- 4) Then press [>] or [<] to move the picture up or down
- 5) Press [TV-MENU] twice to exit

Phase

To adjust delay time of phase in order to reduce the noise of picture

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] to select PC settings
- 3) Press [V] 4 times to select Phase

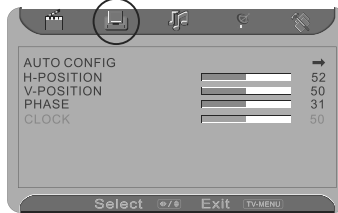


- 4) Then press [>] or [<] to increase or decrease the phase
- 5) Press [TV-MENU] twice to exit

Clock

Alter this in order to reduce the noise within the picture

- 1) Press [TV-MENU] to enter menu
- 2) Press [>] to select PC settings
- 3) Press [V] 5 times to select Clock



- 4) Then press [>] or [<] to increase or decrease the clock
- 5) Press [TV-MENU] twice to exit

DVD MENU OPERATION

DVD BASIC PLAY

- 1) Press [TV/AV/PC]



- 2) Select DVD
- 3) Press [OK]
- 4) Insert disc the correct way round (see image on the side of TV)

On screen will appear READING, once the disc has been accepted it will start to play. If it does not please refer to the frequency asked questions at the rear of the manual.

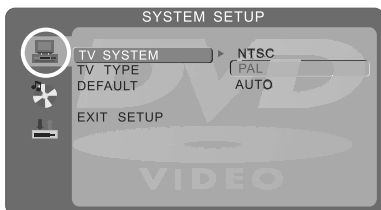
Within DVD Mode there is an additional menu. This can be operated in the following way.

SYSTEM SET UP

Adjusting TV System

Lets you adjust between NTSC, PAL, AUTO (PAL is default for the UK)

- 1) Press [DVD-SETUP] to enter menu
- 2) Press [>] to select TV System
- 3) Press [>] to enter menu
- 4) Press [V] or [^] to highlight NTSC, PAL or AUTO
- 5) Press [OK] to confirm

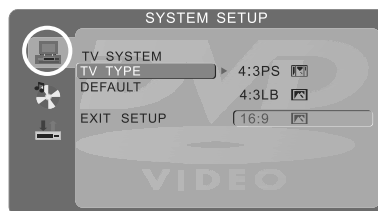


- 6) Press [DVD-SETUP] to exit

Adjusting Picture Format

This lets you select the format of the picture that is being shown between 16:9, 4:3 LetterBox and 4:3.

- 1) Press [DVD-SETUP] to enter menu
- 2) Press [>] to select TV System
- 3) Press [V] to select TV Type
- 4) Press [>] to enter menu
- 5) Press [V] or [^] to highlight 4:3PS, 4:3LB or 16:9
- 6) Press [OK] to confirm

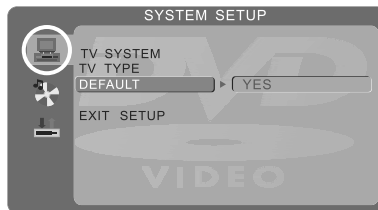


- 7) Press [DVD-SETUP] to exit

Returning to Default

This lets you switch the DVD menus above back to Default settings

- 1) Press [DVD-SETUP] to enter menu
- 2) Press [>] to select TV System
- 3) Press [V] to select Default
- 4) Press [>] to enter menu
- 5) Press [>] to highlight Yes
- 6) Press [OK] to confirm



- 7) Press [DVD-SETUP] to exit

DVD MENU OPERATION

AUDIO SET UP

Adjusting Audio Out

Lets you adjust between SPDIF/OFF, SPDIF/RAW, SPDIF/PCM

SPDIF / RAW – Select this option if you are connecting to a Dolby Digital 5.1 surround sounds amplifier via coax cable

SPDIF / PCM – Select this option if you are connecting to a Stereo Hi-fi via composite video cable

- 1) Press [DVD-SETUP] to enter menu
- 2) Press [V] to select Audio Set Up
- 3) Press [>] to select Audio Out
- 4) Press [>] to enter menu
- 5) Press [V] or [^] to highlight SPDIF/OFF, SPDIF/RAW or SPDIF/PCM
- 6) Press [OK] to confirm

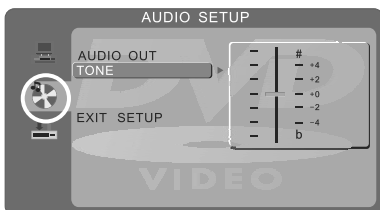


- 7) Press [DVD-SETUP] to exit

Adjusting Tone

Lets you increase or decrease the Tone of the sound

- 1) Press [DVD-SETUP] to enter menu
- 2) Press [V] to select Audio Set Up
- 3) Press [>] to enter menu
- 4) Press [V] to select Tone
- 5) Press [>] to enter menu
- 6) Press [V] or [^] to increase or decrease the tone
- 7) Press [OK] to confirm



- 8) Press [DVD-SETUP] to exit

DIGITAL SET UP

Adjusting Dynamic Range

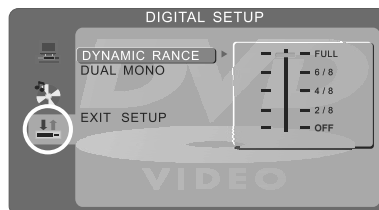
This is the difference between the quietest and loudest sounds. This setting works only with DVD discs recorded in Dolby digital.

FULL: Set this to listen with the range recorded on the disc.

4/8: Set this to listen with a range equivalent to a normal television.

2/8: Set this to listen with a smaller difference between the maximum and minimum volume.

- 1) Press [DVD-SETUP] to enter menu
- 2) Press [V] twice to select Digital Set Up
- 3) Press [>] to select Dynamic Range
- 4) Press [>] to enter menu
- 5) Press [V] or [^] to increase or decrease the Dynamic range
- 6) Press [OK] to confirm

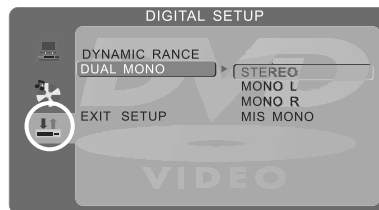


- 7) Press [DVD-SETUP] to exit

Adjusting the Sound

Lets you change the sound between Stereo, Mono Left, Mono Right and Mixed Mono.

- 1) Press [DVD-SETUP] to enter menu
- 2) Press [V] twice to select Digital Set Up
- 3) Press [>] to enter menu
- 4) Press [V] to select Dual Mono
- 5) Press [>] to enter menu
- 6) Press [V] or [^] to switch between Stereo, Mono L, Mono R and Mix Mono
- 7) Press [OK] to confirm



- 8) Press [DVD-SETUP] to exit

WALL MOUNTING

IMPORTANT— BEFORE DRILLING ANY HOLES IN THE WALL ENSURE YOU ARE NOT DRILLING WHERE THERE COULD BE ANY ELECTRIC WIRES, WATER OR GAS PIPES

THIS TV REQUIRES A VESA
100 WALL MOUNT, OR EQUIVALENT



100

To remove the stand

- 1) Remove the two screws highlighted below



- 2) The stand will now come off

Wall Mounting the TV.

- 1) Remove the four screws highlighted below.
- 2) The wall mount can now be easily attached to the mounting holes on the rear of the TV. These holes are indicated in the picture below



Important – Ensure the length of screws included with your wall mount that secure the Wall Mount to the TV do not exceed 10 mm. Using longer screws could cause irreparable damage to the TV

USING WITH SKY DIGITAL

You may wish to use your TV with Sky Digital.

There are a number of connection options, the best being connecting via SCART cable.

Connecting via SCART

- 1) Connect the SCART cable from the Sky Digital Box to SCART of the TV
- 2) Press [TV/AV/PC]
- 3) Press [V] or [^] to select SCART
- 4) Press [OK]

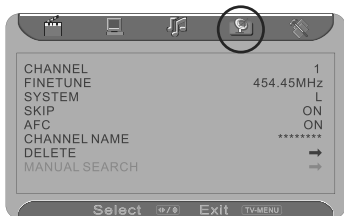
The channel your Sky Digital box is displaying will now be shown on the TV.

You may wish to share your Sky Digital signal around the home by using an RF connection. If this TV is to be connected in this way, please follow the below.

Connecting via RF

Ensure the Sky signal is switched on, before you start the below.

- 1) Connect the RF cable from the RF output socket of the sky/cable box to the 'RF IN' of the TV.
- 2) Press [TV-MENU] to enter menu
- 3) Press [>] twice to select Tuning Menu
- 4) Press [V] to select Tuning Program



- 5) Press [OK] to enter menu
- 6) Press [>] to select the channel you require your Sky on. Please select a channel not in use i.e. channel 6.
- 7) Press [V] 7 times to select Manual Search
- 8) Press [>] to enter
- 9) Press [V] to select Up.
- 10) Press [>] to start search.
- 11) Once tuned in, Press [TV-MENU] 3 times to exit.

Manually tune until you locate the Sky channel. If it stops press [>] again and the search will continue. (Often, the frequency required is 847.25 mhz, depending on which model of Sky Set top box)

Once tuned in it will go back to TV

USING WITH SKY DIGITAL REMOTE CONTROLS (BSKYB) OR UNIVERSAL REMOTE CONTROL

You may wish to use your Sky Digital or universal remote control to operate the channels and sound functions of this TV. For this you require a 'code' that needs to be programmed into your Sky Digital or universal remote control.

At the point of manufacture, BSKyB have not launched the code required for this model of TV. Sky are due to launch a new remote control which will include the necessary code to operate the basic functions of the TV during 2008 (called revision 9). The date was not released at the time of printing this manual, however it is estimated to be between July and December 2008.

If you are still experiencing problems please contact the Helpline.

FREQUENTLY ASKED QUESTIONS

Frequently Asked Questions

Question:	Solution:
I have tuned in Digital TV but I am not receiving any or all of the channels and/or the channels I receive are breaking up	<ol style="list-style-type: none">1) Check you are in an area that can receive Freeview. Visit www.freeview.co.uk or call 08701 111 270.2) Check you have a digital aerial. Many indoor aerials will say they are digital ready, but you will not get a good signal3) Consider purchasing a signal booster, it is much cheaper than a digital aerial and cures 70% of poor signal problems.4) Failing the above for now use the analogue TV, until the signal becomes stronger in your area.
The sound quality is high pitched?	Go into the sound settings menu as shown earlier in the manual and increase the level of the bass and decrease the treble
I have put a DVD disc into the DVD drive, but the TV is not taking it.	Check the TV is set to DVD mode, as the DVD drive only works in this mode.
I have inserted a disc but it is not playing	<ol style="list-style-type: none">1) Ensure you have put the disc in facing the correct way forward2) Ensure the disc is clean and is not scratched
The subtitles are switched on when I am watching a DVD	Each time you press [Subtitles] button you switch between the different languages. Off is one of the options. If you still have subtitle on, access through the DVD disc menu and switch off
I have connected the TV to my VCR via SCART but it is not recording	In addition to connecting via SCART, you should connect the aerial cable from the wall socket to VCR and another aerial cable from the VCR to the TV

If you are still experiencing problems please contact the Helpline
Customer Support/Technical Helpline
Sky Media UK LTD
Telephone: 0870 242 6292
Email: service.uk@umc-slovakia.sk
Visit our web site www.skymediauk.co.uk for further Trouble shooting
and frequently asked questions.

TECHNICAL SPECIFICATION

LCD	Type	22" LCD
Input signal	PC-RGB	Horizontal frequency: 20-70KHz Vertical frequency: 60Hz
	RF	75 ohm Antenna / PAL-SECAM
	Video	1 AV/Composite RCA, 1 S-Video 1 SCART,
	Audio	1 pair 3.5mm Phone Jack for PC, 1 pair RCA for AV/S
	HDMI	1HDMI
Resolution	Recommended	1680x1050
Speaker Output		3W×2
Power	Voltage	DC 12V
Power adapter	Voltage	AC 100-240 V 47-63Hz 1.5A
Brightness		300 cd/m ²
Contrast		700:1
Dimensions	Physical	540mm(W) x 460mm(H) x 205mm(D) incl. stand
		21.3"(W) x 18.2"(H) x 8.1"(D)
Weight	Net	gross 8.7 kg (19.0 lb) net 6.2 kg (13.5 lb)

WARRANTY & HELPLINE INFORMATION

Your Tesco appliance is covered by a warranty for 12 months from the date of purchase. If a fault develops during this period, please contact the Tesco electrical helpline on 0845 456 6767. Please have your original purchase receipt with you when you call. This warranty in no way affects your consumer rights.

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