

UMC

HD READY DIGITAL LCD TV



USER GUIDE

LCD TV

E19/13B-GB-TC-UK
E22/13B-GB-TC-UK

LCD TV/DVD

E156/13B-GB-TCD-UK
E19/13B-GB-TCD-UK
E19/13B-GW-TCD-UK
E22/13B-GB-TCD-UK
E22/13B-GW-TCD-UK



Important Guarantee Information.

Congratulations on purchasing this television. We hope you have many years of trouble free enjoyment from your purchase.

Your product is covered under the manufacturers guarantee for 12 months from date of purchase. The guarantee is 'return to manufacturer' and covers the costs of collection, parts & labour and redelivery charges in the event of breakdown caused by mechanical or electrical failure.

In the event of a fault being diagnosed, please refer to the frequently asked questions/troubleshooting section at the rear of this user guide.

If you are still unable to remedy the fault, try resetting the TV to factory settings, (details in this user guide) or contact the helpline.

In the event that a fault is diagnosed, the helpline will arrange to collect the TV from your home or work address, return it to our service centre, repair the item and then return it to you.

If we believe we cannot offer a permanent repair, we will replace the item.

Sky Media UK LTD – Helpline Information

Telephone **0871 2000 463**

Email: **service@skymediauk.co.uk**

Internet: **www.skymediauk.co.uk**

The telephone opening hours are Monday to Friday 8.30am to 6pm, Saturday 9am – 5pm.

On the web site, you can register your product and guarantee, if you do it within 7 days of purchase, you will also receive an extra **FREE** 3 months warranty, making the warranty 15 months from date of purchase.

You must retain all packaging materials as you will need these in the event of warranty/service support.

If you need to call the helpline, you will need the following information.

Model Number _____ (Can be found on rear of TV)

Serial Number _____ (Can be found on rear of TV)

Date of purchase _____ (Can be found on sales receipt)

Keep this important information about how to re-tune your TV during the digital TV switchover

When does switchover happen?



Important information regarding the digital TV switchover

Television in the UK is going digital, bringing us all more choice and new services. Starting late 2007 and ending in 2012, television services in the UK will go completely digital, TV region by TV region.

How the switchover affects your TV equipment.

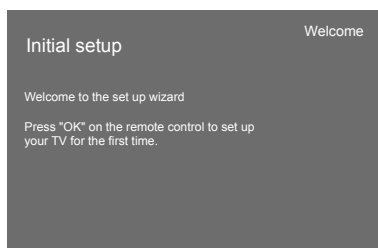
Your new TV has a digital tuner built in, which means it is ready to receive the Freeview signal by simply connecting it into your aerial socket (you can check if you can get digital TV through your aerial now or whether you will have to wait until the switchover at www.digitaluk.co.uk)

When the TV switchover happens in your area, there are at least two occasions when you will need to re-tune your TV in order to continue receiving your existing TV channels and also to pick up new ones. Digital UK, the body leading the digital switchover, will advise you when you need to retune during the switchover.

How to retune.

Retuning your TV is a very quick and simple process. We recommend that you retune every few months to ensure you are receiving the very latest TV and radio channels that are broadcast.

- In digital/freeview mode, on the remote control press 'menu' quickly followed by 8-8-8-8 (so press the number 8 four times)
- You will now enter the 'First time installation' mode. (if you do not, please refer to the section called 'getting started' later in this user guide)



- Simply press 'OK' or 'Enter' on the remote control and follow the on-screen instructions.

If you do not retune your TV when advised to do so by Digital UK, you may lose some or all of your channels until you do re-tune.

If you are missing any channels, it may be that they are not available in your area, or that your TV aerial needs upgrading.

For help and support regarding the digital switchover, please contact Digital UK:

Telephone: 08456 50 50 50 (calls charged at local call rate, approx 3p per minute daytime or 1p per minute evenings from a BT landline)
Digital UK website: www.digitaluk.co.uk

If you require technical or warranty support on this television, please contact the manufacturer helpline, do not contact Digital UK unless your query is regarding the digital switchover.

Warnings

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.

Warnings

Screen Burn

A characteristic of 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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If you experience any problems with this Television, Please contact the helpline

Customer Support/Technical Helpline
Sky Media UK LTD
Telephone: 0871 2000 463 | Email: service@skymediauk.co.uk

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What is included in the box

Accessories

Included with this TV are the following accessories:

1x - User Guide Book



1x - Remote control



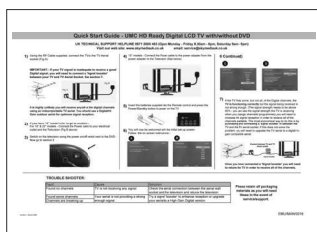
1x - RF lead



2x - AAA batteries



1x - Quick Start Guide



1x - TV



1x - AC Mains lead and transformer (15" only)



1x - Blank plate for wall mounting



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Getting Started - Initial Set Up

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

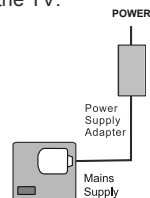
TUNING IN TV

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

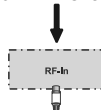
1a) Connect the mains lead to your electrical outlet and switch on the TV using the switch next to where the power cable goes into the TV



1b) 15" Model - Connect the power cable from the wall to transformer and from transformer to the power input on the TV.



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

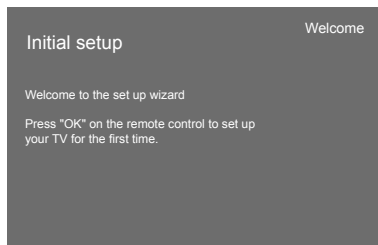


3) Install batteries in the remote control and press the [POWER] button to turn on the TV.

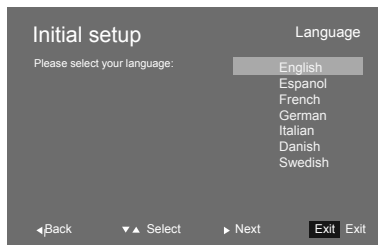


The 'Initial Set up' menu should now appear if it does not press [MENU] 8-8-8-8.

4) Press [OK] on the remote control.

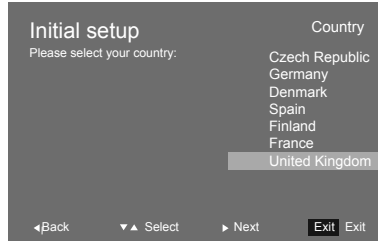


5) Select the required language then press [OK]

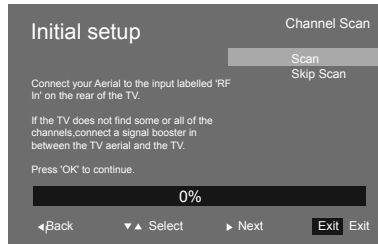


Getting Started - Initial Set Up

6) Select country then press [OK]



7) Press [OK] and tuning will take place.

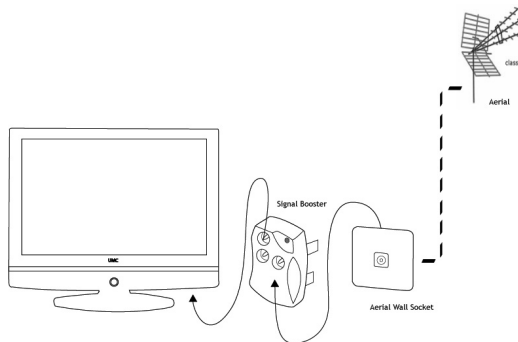


8) After tuning a screen will appear to confirm tuning is complete.

Press [OK] and you can now watch TV.

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. 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.

Ideal set up for optimum performance



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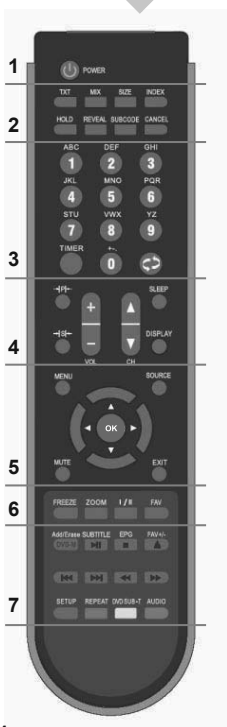
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Note: DVD functions will operate on models with built in DVD player

-  DVD mode: Press to eject disc
TV mode: Press to increase channel on favorite list
-  DVD mode: Press to play or pause DVD
TV mode: Press to activate subtitles
-  DVD mode: Press to stop DVD
TV mode: Press to open EPG
-  DVD mode: Press to play a DVD program in fast forward mode.
-  DVD mode: Press to play a DVD program in fast rewind mode.
-  DVD mode: Press to advance forward to the next chapter.
-  DVD mode: Press to replay the current program from the previous chapter.

- 1**
Power
Switches on LCD TV when in Standby mode or vice versa
- 2** – These buttons only work when on an analogue TV channel (Channels 901 upwards)
TXT
Opens Teletext mode
MIX
Changes the background so you can see the channel you are watching underneath the text information
SIZE
Alters the size of the text
INDEX
Requests the index page
HOLD
Press hold on or off for current page display.
REVEAL
To reveal or hide the hidden words
SUBCODE
Sub coded page access. To switch the dialogue at the bottom of the screen
CANCEL
Cancels the action
- 3**
NUMBER BUTTONS
Press the number buttons to select the channel and wait 2 seconds for the channel to change. Also work as alphabet buttons as required.
TIMER
Displays the current time

Return to the previous channel viewed

Remote Control Buttons

4

PI/P-

Lets you change the picture mode presets between User -> Cinema -> Sport -> Vivid -> Hi-Bright -> Standard

S-

Switch between the different present sound options Off -> Rock -> POP -> Live -> Dance -> Techno -> Classic -> Soft

VOL +/-

Press to increase/decrease the sound level

CH +/-

Press to increase/decrease the channel

Sleep

Activates the sleep mode, continue to press until required time is selected

Display

Press to display the source and channel information

5

MENU

Press to open the OSD Menu

MUTE

Press to mute the sound and press again to restore

NAVIGATION BUTTONS (◀, ▶, ▲, ▼, OK)

Allows you to navigate the on screen menus and adjust the system settings to your preferences

SOURCE

Press to bring up the source menu

EXIT

Press to exit the OSD Menu

6

FREEZE

Press and the picture will be frozen and pushing this key again the picture will return.

ZOOM/STRETCH

Press to change the picture format of the screen

I/II

Press to switch the modes of sound processing

FAV

Press to display favorite menu.

7 – Buttons that relate to DVD features are only for use on TV with a built-in DVD player

DVD-M / Add/Erase

DVD mode: Press to enter the disc menu

TV mode: Add or erase program from favorite list

RED / SETUP

TV mode: For opening Digital Teletext and operating digital and analogue Teletext

DVD mode: Press to opening DVD OSD menu

GREEN / REPEAT

TV mode: For operating digital and analogue Teletext

DVD mode: Press to set a chapter so that it repeats

YELLOW / SUB-T

TV mode: For operating digital and analogue Teletext

DVD mode: Press to select caption when playing DVD or SVCD that has multiple captions.

BLUE / AUDIO

TV mode: For operating digital and analogue Teletext

DVD mode: During DVD or SVCD playback, press it repeatedly to select audio language.

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SIDE PANEL BUTTONS

1	DVD – Eject	} — DVD MODELS ONLY
2	DVD – Stop	
3	DVD – Play/Pause	
4	Select the input source	
5	Channel down	
6	Channel up	
7	Volume down	
8	Volume up	
9	OSD (On Screen Display) Menu	



Choosing Mode/Source

To switch between the different connections is very easy.

- 1) Press [SOURCE] - The following will appear

Screen varies by model.

SOURCE MENU	
✓	TV/FREEVIEW
	DVD
	HDMI
	SCART
	COMPONENT
	PC/VGA

- 2) Press [M] or [A] on the remote control to select the input you require
- 3) Press [OK]

Connecting HD Ready Devices

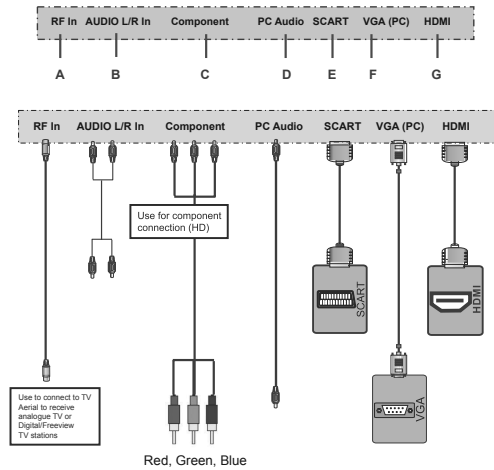
There are two options for HD.

- 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.

To receive sound you will need to connect your left and right audio to the YPbPr/S-Video Audio, using the cable included.

Inputs & Connections

REAR CONNECTIONS



A	RF In	RF input
B	AUDIO L/R In	Audio input
C	Component	Component (YPbPr) input
D	PC Audio	PC Audio input
E	SCART	SCART input
F	VGA (PC)	VGA (PC) input
G	HDMI	HDMI input

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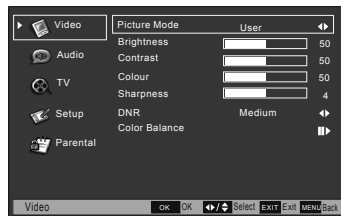
VIDEO MENU

This menu lets you alter all the aspects that relate to the picture settings to enhance the viewing experience

Selecting Picture Mode

Lets you change the picture mode presets between User -> Cinema -> Sport -> Vivid -> Hi-Bright -> Standard

- 1) Press [MENU] to enter menu
- 2) Press [>] to enter Video Menu
- 3) Picture Mode should be highlighted
- 4) Press [>] to change between the different options

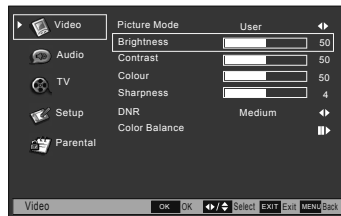


- 5) Press [EXIT] to exit

Adjusting Brightness

Increase or decrease the brightness of the picture

- 1) Press [MENU] to enter menu
- 2) Press [>] to enter Video Menu
- 3) Press [V] to highlight Brightness
- 4) Press [>] to increase the brightness or [<] to decrease the brightness.



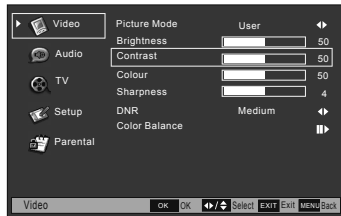
- 5) Press [EXIT] to exit

TV Menu Operation

Adjusting Contrast

Adjust the balance between black & white and vivid.

- 1) Press [MENU] to enter menu
- 2) Press [>] to enter Video Menu
- 3) Press [V] to highlight Contrast
- 4) Press [>] to make the picture more vivid or [<] to make the picture more black & white.

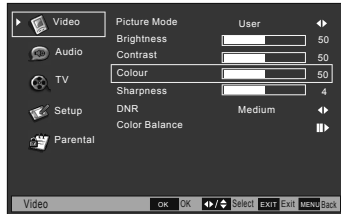


- 5) Press [EXIT] to exit

Adjusting Colour

Increase or decrease the Red, Green & Blue which make up the picture.

- 1) Press [MENU] to enter menu
- 2) Press [>] to enter Video Menu
- 3) Press [V] to highlight Colour
- 4) Press [>] to increase the colour or [<] to decrease the colour.



- 5) Press [EXIT] to exit

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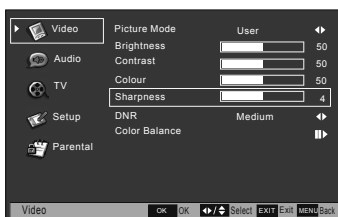
TV Menu Operation

VIDEO MENU

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 [MENU] to enter menu
- 2) Press [>] to enter Video Menu
- 3) Press [V] to highlight Sharpness
- 4) Press [>] to increase the sharpness or [<] to decrease the sharpness.

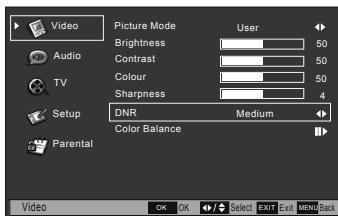


- 5) Press [EXIT] to exit

Dynamic Noise Reduction

Reduces the interference in the picture. Medium -> Strong -> Auto -> Off -> Low

- 1) Press [MENU] to enter menu
- 2) Press [>] to enter Video Menu
- 3) Press [V] to highlight DNR
- 4) Press [>] to switch between the different options.



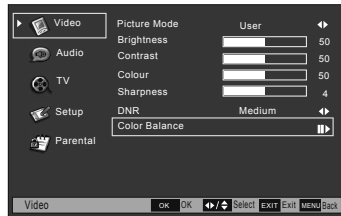
- 5) Press [EXIT] to exit

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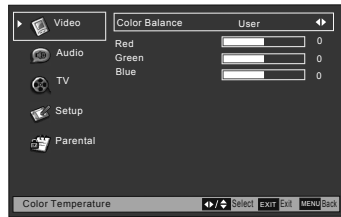
Adjusting Colour Balance

Select between the different present colour balance options or adjust manually. User -> Cool -> Standard -> Warm

- 1) Press [MENU] to enter menu
- 2) Press [>] to enter Video Menu
- 3) Press [V] to highlight Colour Balance



- 4) Press [>] to enter menu



- 5) Press [>] to switch between the different presets or move down and adjust the red, green and blue manually.
- 6) Press [EXIT] to exit

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AUDIO MENU

This menu lets you alter all the aspects that relate to the audio settings to enhance the viewing experience

Adjusting Balance

To switch the sound between the left and right speakers

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Audio Menu
- 3) Press [→] to enter Audio Menu
- 4) Balance should be highlighted
- 5) Press [→] to move to the right and [←] to move to the left

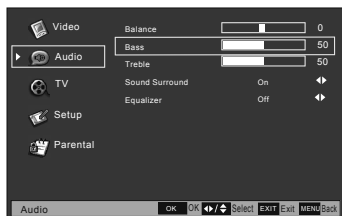


- 6) Press [EXIT] to exit

Adjusting Bass

To increase or decrease the low frequency part of the sound.

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Audio Menu
- 3) Press [→] to enter Audio Menu
- 4) Press [V] to highlight Bass
- 5) Press [→] to increase the bass and [←] to decrease the bass



- 6) Press [EXIT] to exit

TV Menu Operation

Adjusting Treble

To increase or decrease the high frequency part of the sound.

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Audio Menu
- 3) Press [>] to enter Audio Menu
- 4) Press [V] to highlight Treble
- 5) Press [>] to increase the treble and [<] to decrease the treble



- 6) Press [EXIT] to exit

Surround Sound

This provides virtual surround sound so the sound appears to be coming from around you.

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Audio Menu
- 3) Press [>] to enter Audio Menu
- 4) Press [V] to highlight Surround Sound
- 5) Press [>] to switch on or off



- 6) Press [EXIT] to exit

Adjusting Equalizer

Switch between the different present sound options Off -> Rock -> POP -> Live -> Dance -> Techno -> Classic -> Soft

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Audio Menu
- 3) Press [>] to enter Audio Menu
- 4) Press [V] to highlight Equalizer
- 5) Press [>] to switch between the different preset options



- 6) Press [EXIT] to exit

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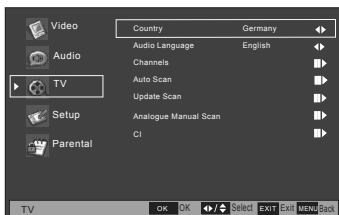
TV Menu Operation

TV MENU

Adjusting Country

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

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight TV
- 3) Press [>] to enter TV Menu
- 4) Country should be highlighted
- 5) Press [>] to change the country

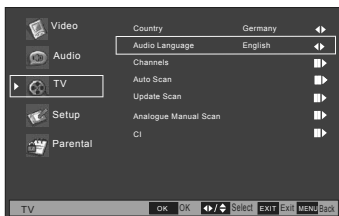


- 6) Press [EXIT] to exit

Adjusting Audio Language

To change the audio language. As default the TV is set to english

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight TV
- 3) Press [>] to enter TV Menu
- 4) Press [V] to highlight Audio Language
- 5) Press [>] to change the language



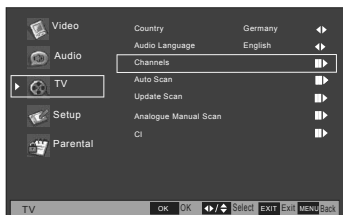
- 6) Press [EXIT] to exit

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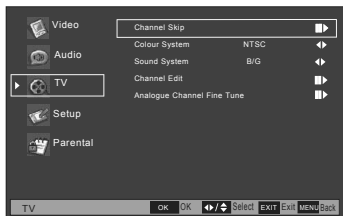
Adjusting Channels

This lets you re-tune in the channels.

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight TV
- 3) Press [>] to enter TV Menu
- 4) Press [V] to highlight Channels



Press [>] to enter channel menu



- 6) Press [EXIT] to exit

Channel Skip

- a) Press [>] to enter channel skip
- b) Press [V] or [A] to select the channel you wish to skip
- c) Press [OK] to select
- d) Press [EXIT] to exit

Colour System

- a) Press [<] or [>] to adjust
- b) Press [EXIT] to exit

Sound System

- a) Press [<] or [>] to adjust
- b) Press [EXIT] to exit

Channel Edit (Only available when on analogue TV – channel 900 upwards)

- a) Press [>] to enter Channel Edit
- b) You can now move the location of channels by pressing the RED button moving to location you require and press [OK]
- c) Press [EXIT] to exit

Analogue Channel Fine Tune (Only available when on analogue TV – channel 900 upwards)

- a) Press [>] to enter Analogue Channel Fine Tune
- b) Press [OK] to adjust
- c) Press [EXIT] to exit

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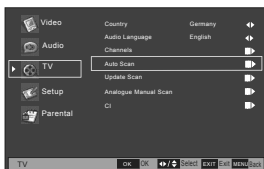
TV Menu Operation

TV MENU

Auto Scan

Scan for all channels based on the current settings

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight TV
- 3) Press [>] to enter TV Menu
- 4) Press [V] to highlight Auto Scan
- 5) Press [>] to start the search

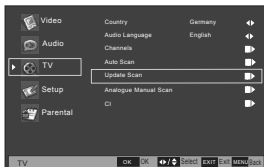


- 6) After tuning the channel edit screen will appear, press [EXIT] to exit.

Update Scan

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

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight TV
- 3) Press [>] to enter TV Menu
- 4) Press [V] to highlight Update Scan
- 5) Press [>] to start the search

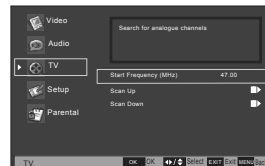


- 6) Press [EXIT] to exit

Analogue Manual Scan

This scan is used to manual scan for a channel based on the current settings

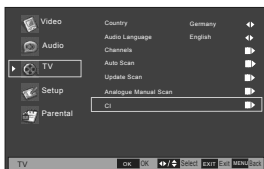
- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight TV
- 3) Press [>] to enter TV menu
- 4) Press [>] to highlight Analogue Manual Scan
- 5) Press [>] to enter menu
- 6) Move to scan up or scan down by pressing [V]
- 7) Press [>] to start scan.



Common Interface Slot

This lets you adjust the CI slot settings

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight TV
- 3) Press [>] to enter TV Menu
- 4) Press [V] to highlight CI
- 5) Press [>] to Enter CI



- 6) Press [EXIT] to exit

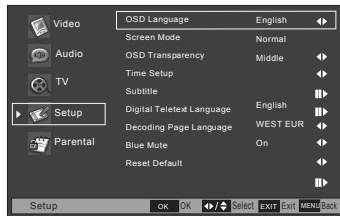
TV Menu Operation

SETUP MENU

On Screen Display Language

You may wish to change the language of the OSD. The TV's default is English.

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Setup
- 3) Press [>] to enter Setup Menu
- 4) Country should be highlighted
- 5) Press [>] to change the country

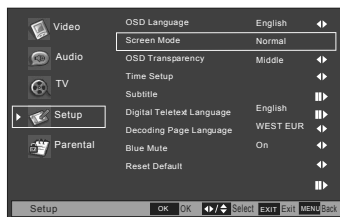


- 6) Press [EXIT] to exit

Screen mode

Lets you adjust the picture format of the screen from 4:3, Full

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Setup
- 3) Press [>] to enter Setup Menu
- 4) Press [V] to highlight Screen Mode
- 5) Press [>] to change



- 6) Press [EXIT] to exit

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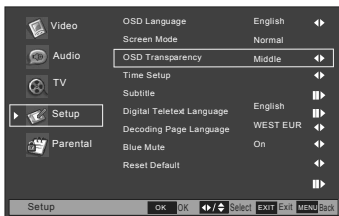
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On Screen Display Transparency

This is the transparency of the On Screen menu Low -> Middle -> High.

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Setup
- 3) Press [>] to enter Setup Menu
- 4) Press [V] to highlight OSD Transparency
- 5) Press [>] to change

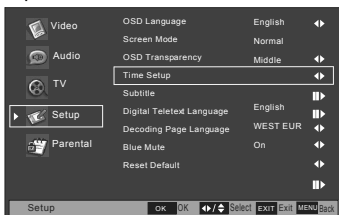


- 6) Press [EXIT] to exit

Time Setup

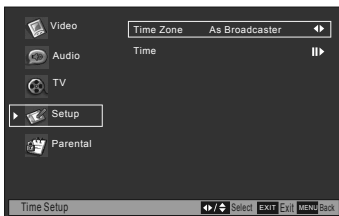
You may wish to set the Time

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Setup
- 3) Press [>] to enter Setup Menu
- 4) Press [V] to highlight Time Set up



- 5) Press [>] to enter menu

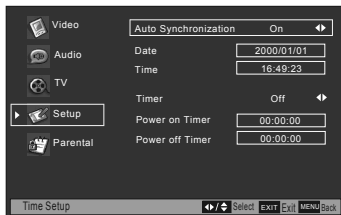
Time can now be set automatically or manually. If you wish to set manually see the next page.



TV Menu Operation

SETUP MENU

- 6) Press [V] to highlight Time
- 7) Press [→] to enter Time menu

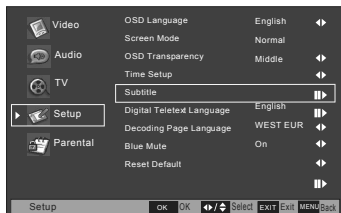


- 8) The time can now be adjusted manually by moving the time or date and altering it.
- 9) Press [EXIT] to exit

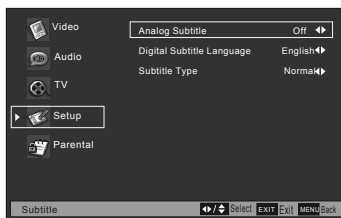
Choosing Subtitles

You may wish to have the subtitles switch on

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Setup
- 3) Press [→] to enter Setup Menu
- 4) Press [V] to highlight Subtitle



- 5) Press [→] to enter menu



Analogue Subtitle

- a) Press [←] or [→] to adjust
- b) Press [EXIT] to exit

Digital Subtitle Language

- a) Press [←] or [→] to adjust
- b) Press [EXIT] to exit

Subtitle Type

- a) Press [←] or [→] to adjust
- b) Press [EXIT] to exit

- 6) Press [EXIT] to exit

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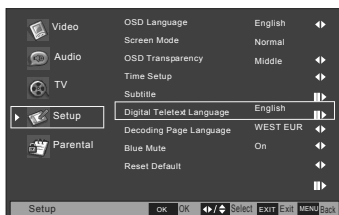
TV Menu Operation

SETUP MENU

Digital Teletext Language

Choose the language that you would like for digital Teletext (available via the red button)

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Setup
- 3) Press [>] to enter Setup Menu
- 4) Press [V] to highlight Digital Teletext Language
- 5) Press [>] to change the language

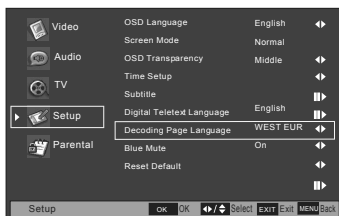


- 6) Press [EXIT] to exit

Decoding Page Language

If you are moving the TV to another country you will need to change this setting. The TV's default is WEST EUR

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Setup
- 3) Press [>] to enter Setup Menu
- 4) Press [V] to highlight Decoding Page Language
- 5) Press [>] to change



- 6) Press [EXIT] twice to exit

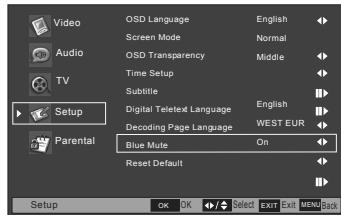
TV Menu Operation

SETUP MENU

Blue Mute

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

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Setup
- 3) Press [>] to enter Setup Menu
- 4) Press [V] to highlight Blue Mute
- 5) Press [>] to switch the blue on or off

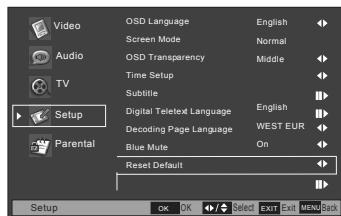


- 6) Press [EXIT] to exit

Reset

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

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Setup
- 3) Press [>] to enter Setup Menu
- 4) Press [V] to highlight Reset
- 5) Press [>] to reset



- 6) Press [>] to highlight yes
- 7) Press [OK].

The TV will now reset.

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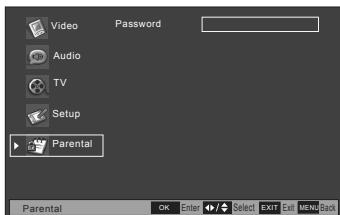
TV Menu Operation

PARENTAL MENU

Password

You may wish to add a password so that you can lock channels. Once added if forgotten it can only be reset by switching the TV back to factory settings. Default password is set as 0000.

- 1) Press [MENU] to enter menu
- 2) Press [V] to highlight Parental
- 3) Press [>] to enter Parental Menu
- 4) Password should be highlighted
- 5) Enter the password, you can then block channels, inputs, programs as well as setting a new password.



- 6) Press [EXIT] to exit

Electronic Program Guide & Digital Teletext

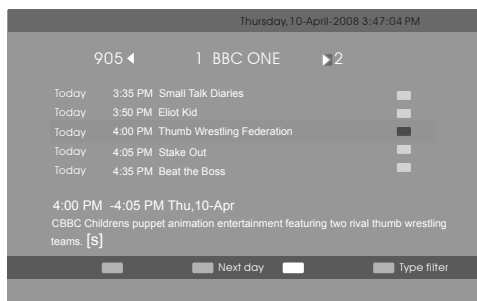
Electronic Program Guide (EPG)

The Electronic Program Guide (EPG) is available in Digital TV mode. It is a 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.

It is very simple to operate.

1) Press [EPG]. The following will appear



2) Press [>] or [<] to select channel you wish to see information about



3) Press [V] or [^] to move through the programs for the day highlighted

4) Press [EPG] to exit Electronic Program Guide (EPG).

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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.

- 3) Press [TEXT] to exit.

Analogue TV Teletext

Teletext is a service offered by some broadcasters.

Teletext Operation

1) Press [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 02, by pressing [3][0][2]
- b) Press the colour buttons, these will take you to page indicated on screen for each colour

3) To exit Teletext press [TXT] 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

[SUBCODE] displays the sub page if it exists

[MIX] display TV picture behind the text

[HOLD] this stops the pages changing when there are multi pages

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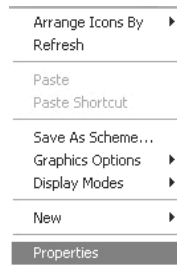
Connecting to a PC - Windows XP



IMPORTANT— Before connecting to a PC you must ensure that the settings of the PCs 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, the below will appear

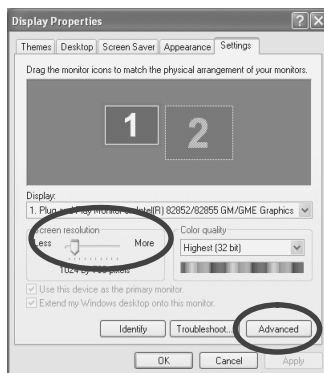


- 3) left click your mouse on Properties, this screen will appear



Connecting to a PC - Windows

- 4) Left mouse click on Settings, this screen will appear. Check the screen resolution is set to a level that can be displayed by your television (refer to the technical specification for details). 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)

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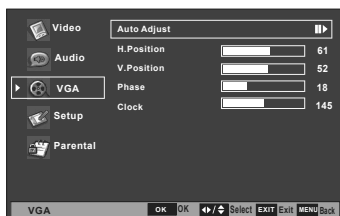
Specifications

VGA MENU

Automatic Configuration of Screen

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

- 1) Press [MENU] to enter menu
- 2) Press [V] to select VGA Menu
- 3) Press [→] to enter VGA Menu
- 4) Auto Adjust will be highlighted
- 5) Press [→] to start automatic adjustment

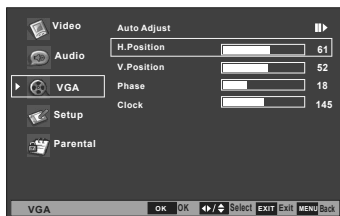


- 6) Press [EXIT] to exit

Horizontal Position

Changes the horizontal position of the picture

- 1) Press [MENU] to enter menu
- 2) Press [V] to select VGA Menu
- 3) Press [→] to enter VGA Menu
- 4) Press [V] to highlight H Position
- 5) Press [→] or [←] to adjust



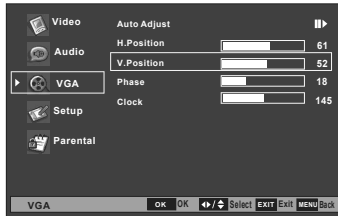
- 6) Press [EXIT] to exit

PC Menu Operation (VGA)

Vertical Position

Changes the vertical position of the picture

- 1) Press [MENU] to enter menu
- 2) Press [V] to select VGA Menu
- 3) Press [>] to enter VGA Menu
- 4) Press [V] to highlight V Position
- 5) Press [>] or [<] to adjust

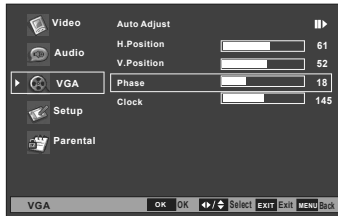


- 6) Press [EXIT] to exit

Phase

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

- 1) Press [MENU] to enter menu
- 2) Press [V] to select VGA Menu
- 3) Press [>] to enter VGA Menu
- 4) Press [V] to highlight Phase
- 5) Press [>] or [<] to adjust



- 6) Press [EXIT] to exit

Clock

Alter this in order to reduce the noise within the picture

- 1) Press [MENU] to enter menu
- 2) Press [V] to select VGA Menu
- 3) Press [>] to enter VGA Menu
- 4) Press [V] to highlight Clock
- 5) Press [>] or [<] to adjust



- 6) Press [EXIT] to exit

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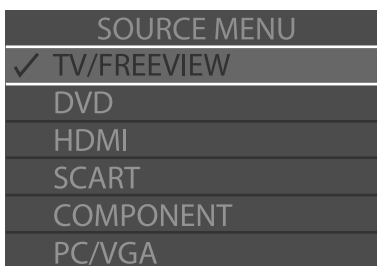
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DVD Menu Operation (DVD Models Only)



DVD BASIC PLAY

- 1) Press [SOURCE]



- 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 frequently asked questions at the rear of the manual.

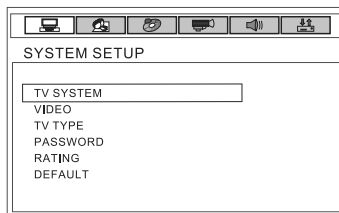
Within DVD Mode there is an additional menu. This can be operated in the following way.

SYSTEM SET UP

Adjusting TV System

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

- 1) Press [SETUP] to enter menu
- 2) System Setup will be displayed
- 3) Press [V] to select TV System
- 4) Press [>] to enter TV System
- 5) Press [V] to change between NTSC, PAL, AUTO
- 6) Press [OK] to confirm



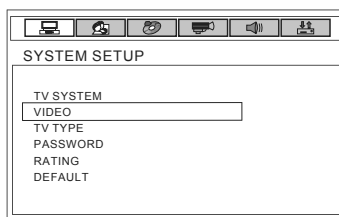
- 7) Press [SETUP] to exit

DVD Menu Operation (DVD Models Only)

Adjusting Video

Lets you adjust the video format.

- 1) Press [SETUP] to enter menu
- 2) System Setup will be displayed
- 3) Press [V] to select Video
- 4) Press [>] to enter Video
- 5) Press [V] to change
- 6) Press [OK] to confirm

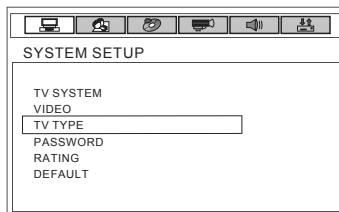


- 7) Press [SETUP] to exit

Picture Format

Lets you adjust

- 1) Press [SETUP] to enter menu
- 2) System Setup will be displayed
- 3) Press [V] to select TV Type
- 4) Press [>] to enter TV Type
- 5) Press [V] to change between 4:3 PS, 4:3 LB & 16:9
- 6) Press [OK] to confirm



- 7) Press [SETUP] to exit

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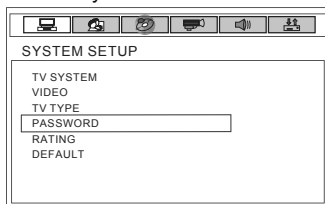
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Password

You may wish to add a password so that you can lock DVDs of a certain rating. Once added if forgotten it can only be reset by switching the TV back to factory settings. Default password is set as 0000 back to factory settings (see reset to default section).

- 1) Press [SETUP] to enter menu
- 2) System Setup will be displayed
- 3) Press [V] to select Password
- 4) Press [→] to enter Password
- 5) Enter the current password followed by the new one

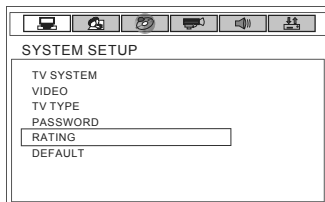


- 6) Press [SETUP] to exit

DVD Ratings

You may wish lock DVD of a certain rating for example if you have small children.

- 1) Press [SETUP] to enter menu
- 2) System Setup will be displayed
- 3) Press [V] to select Rating
- 4) Press [→] to enter Rating
- 5) Select the rating level you would like
- 6) Press [OK] to confirm

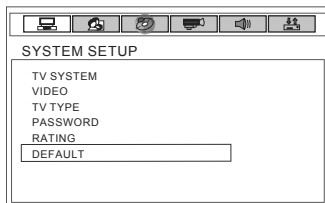


- 7) Press [SETUP] to exit

Reset to default

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

- 1) Press [SETUP] to enter menu
- 2) System Setup will be displayed
- 3) Press [V] to select Reset
- 4) Press [→] to enter Reset
- 5) Press [OK]



- 6) Press [SETUP] to exit

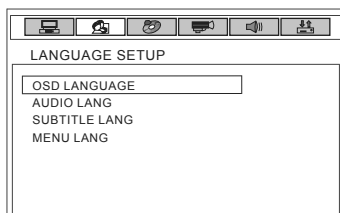
DVD Menu Operation (DVD Models Only)

LANGUAGE SETUP

On Screen Display Language

Lets you change the language of the On Screen Menu.

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Language Setup
- 3) Press [V] to select OSD Language
- 4) Press [>] to enter OSD Language
- 5) Press [V] to select language
- 6) Press [OK] to confirm

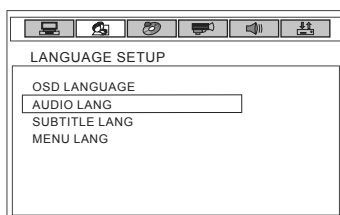


- 7) Press [SETUP] to exit

Audio Language

Lets you change the audio language (If available on the DVD you are watching)

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Language Setup
- 3) Press [V] to select Audio Language
- 4) Press [>] to enter Audio Language
- 5) Press [V] to select language
- 6) Press [OK] to confirm



- 7) Press [SETUP] to exit

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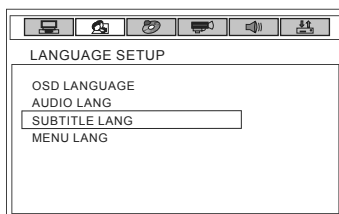
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Subtitle Language

Lets you change the subtitle language (If available on the DVD you are watching)

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Language Setup
- 3) Press [V] to select Subtitle Language
- 4) Press [>] to enter Subtitle Language
- 5) Press [V] to select language
- 6) Press [OK] to confirm

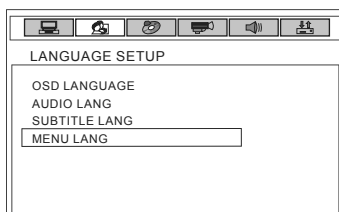


- 7) Press [SETUP] to exit

Disc Menu Language

Lets you change the disc menu language (If available on the DVD you are watching)

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Language Setup
- 3) Press [V] to select Menu Language
- 4) Press [>] to enter Menu Language
- 5) Press [V] or [^] to select language
- 6) Press [OK] to confirm



- 7) Press [SETUP] to exit

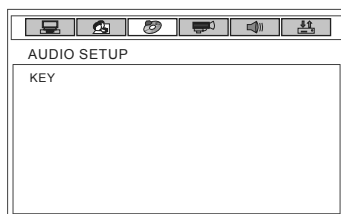
DVD Menu Operation (DVD Models Only)

AUDIO SETUP

Key

Lets you adjust the key of the sound

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Audio Setup
- 3) Press [V] to select Key
- 4) Press [>] to enter Key
- 5) Press [V] or [^] to select
- 6) Press [OK] to confirm



- 7) Press [SETUP] to exit

Changing Regions

This TV/DVD player is pre-set to play Region 2 DVDs. In the event you wish to use the TV/DVD in another country that uses different region discs, please visit www.skymediauk.co.uk. Select 'product support', 'DVD region code information'

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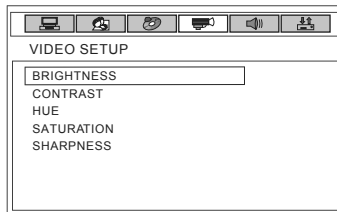
DVD Menu Operation (DVD Models Only)

VIDEO SETUP

Brightness

Increase or decrease the brightness of the picture

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Video Setup
- 3) Press [V] to select Brightness
- 4) Press [>] to enter Brightness
- 5) Press [<] or [>] to select required level
- 6) Press [OK] to confirm

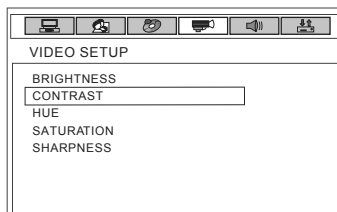


- 7) Press [SETUP] to exit

Contrast

Increase or decrease the contrast of the picture

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Video Setup
- 3) Press [V] to select Contrast
- 4) Press [>] to enter Contrast
- 5) Press [<] or [>] to select required level
- 6) Press [OK] to confirm

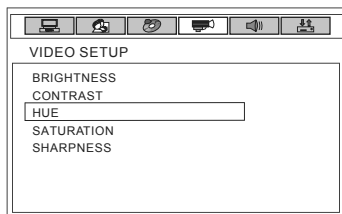


- 7) Press [SETUP] to exit

DVD Menu Operation (DVD Models Only)

Hue

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Video Setup
- 3) Press [V] to select Hue
- 4) Press [>] to enter Hue
- 5) Press [<] or [>] to select required level
- 6) Press [OK] to confirm

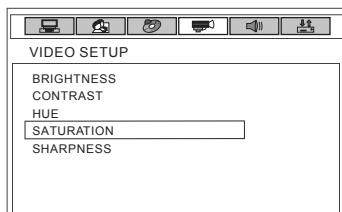


- 7) Press [SETUP] to exit

Saturation

Alter the Red, Green & Blue which make up the picture

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Video Setup
- 3) Press [V] to select Saturation
- 4) Press [>] to enter Saturation
- 5) Press [<] or [>] to select required level
- 6) Press [OK] to confirm

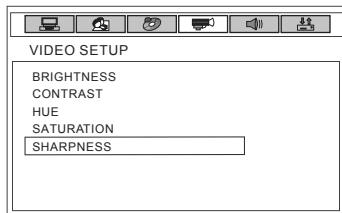


- 7) Press [SETUP] to exit

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 [SETUP] to enter menu
- 2) Press [>] to select Video Setup
- 3) Press [V] to select Sharpness
- 4) Press [>] to enter Sharpness
- 5) Press [<] or [>] to select required level
- 6) Press [OK] to confirm



- 7) Press [SETUP] to exit

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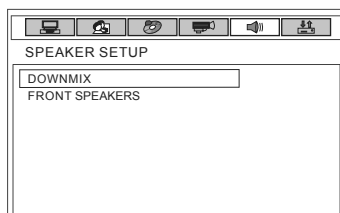
Specifications

SPEAKER SETUP

Downmix

Choose between Left/Right, Stereo and USS

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Speaker Setup
- 3) Press [V] to select Downmix
- 4) Press [>] to enter Downmix
- 5) Press [V] or [^] to select
- 6) Press [OK] to confirm

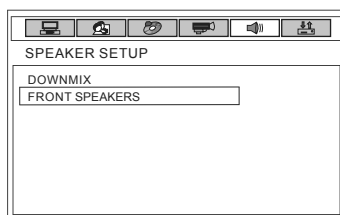


- 7) Press [SETUP] to exit

Front Speakers

Select whether you wish to use the either small or large front speakers, thus altering the sound

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Speaker Setup
- 3) Press [V] to select Front
- 4) Press [>] to enter Front
- 5) Press [V] or [^] to select
- 6) Press [OK] to confirm



- 7) Press [SETUP] to exit

DVD Menu Operation (DVD Models Only)

DIGITAL SETUP

Dynamic Range

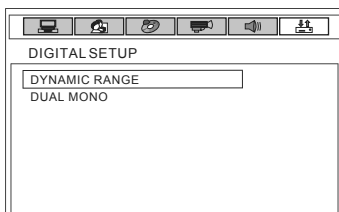
This is the difference between the quietest and loudest sounds. This setting works only with DVD discs recorded in Dolby digital.

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

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Digital Setup
- 3) Press [V] to select Dynamic Range
- 4) Press [>] to enter Dynamic Range
- 5) Press [V] or [^] to select
- 6) Press [OK] to confirm

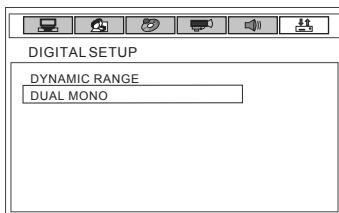


- 7) Press [SETUP] to exit

Adjusting the Sound

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

- 1) Press [SETUP] to enter menu
- 2) Press [>] to select Digital Setup
- 3) Press [V] to select Dual Mono
- 4) Press [>] to enter Dual Mono
- 5) Press [V] or [^] to select
- 6) Press [OK] to confirm



- 7) Press [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

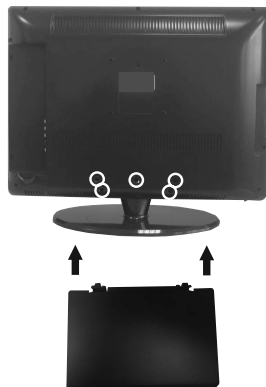
THESE MODELS REQUIRES A VESA 100 WALL MOUNT.



100

To remove the stand

- 1) Remove the five screws highlighted below



- 2) The stand will now come off
- 3) There is a blank panel included in the box, this should be inserted into where the stand was removed
- 4) Re-insert the screws

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 – If wallmounting this TV, only use the screws already provided in the wallmounting holes. Using other screws which are longer could cause irreparable damage to internal parts.

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 [SOURCE]
- 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 [MENU] to enter menu
- 3) Press [V] to select TV Menu
- 4) Press [>] to enter Menu



- 5) Press [V] to highlight Channel
- 6) Press [>] to enter Channel menu
- 7) Press [>] to highlight Analogue Fine Tuning
- 8) Select the channel you wish to use using [V]
- 9) Press [OK]
- 10) Press [>] or [<] to adjust the frequency. When you stop the channel will be saved.

Note: If you wish to use your Sky remote to operate the televisions functions, please refer to page 52

Connecting a Games Console

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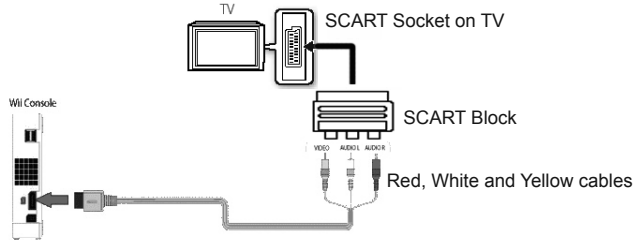
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Many people may wish to connect a games console to the TV, here are some of the most common examples:

Nintendo Wii

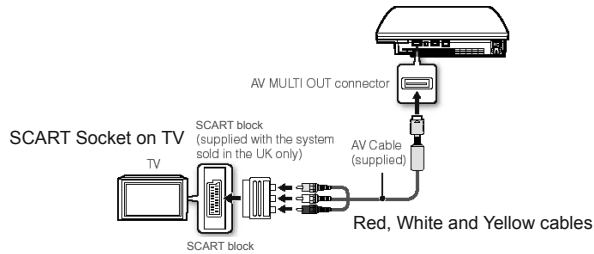
The Nintendo Wii is supplied with a AV Multi Out plug to AV cable



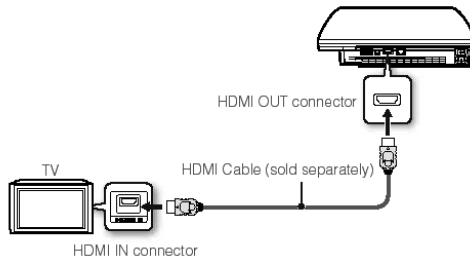
PlayStation 3

The PS3 is supplied with an AV Cable and a SCART block.

Option 1 – With cables provided



Option 2 – With optional HDMI cable. A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of picture quality



Connecting a Games Console

Xbox 360

The Xbox 360 is supplied with various options cable options depending on the version of console that you have. Here are the best options to connect to the TV.

Option 1 – With the AV Cable (Yellow, Red & White cables) through the SCART block



IMPORTANT – the switch on the AV port should be on 'TV'

Option 2 – With the HDMI to HDMI cable A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of picture quality



Option 3 – With Component/Y Pb Pr Cables (Red, Green, Blue cables for Video/picture) and Audio cables (Red & White cables – for Audio/sound)



IMPORTANT – the switch on the AV port should be on 'HDTV'

Helpline information

Telephone: 0871 2000 463

(Monday – Friday 8.30am – 6pm, Saturday 9am – 5pm)

Email:- service@skymediauk.co.uk

Website:- www.skymediauk.co.uk

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Using a Sky or Universal Remote Control



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

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

For codes for universal remote controls, please visit our website where you will find the very latest information and codes.

For codes for Sky/Sky+Sky HD, please note that at the point of manufacture, B SkyB have not launched the code required for this model of TV. They are due to launch a new remote control which should include the necessary code to operate the functions of the TV during mid-late 2009 (called revision 9). The launch date was not known at the time of printing this manual.

Please check our website for updates, alternatively, see below some other options of remote controls that are available.



One for all Sky Remotes

REPLACE BOTH YOUR SKY & TV REMOTE WITH A ONE FOR ALL SKY & TV 2 IN 1 REMOTE CONTROL

The One for All remote controls shown above will operate all of the functions of the Sky box in the same way the original remote control will, in addition, they will also operate the functions of this model of TV. The One for All versions are available to purchase from the helpline/website. The original Sky remote controls are shown for comparison purposes

If you require any further information, you can contact us:

www.skymediauk.co.uk
email - service@skymediauk.co.uk
Tel - 0871 2000 463

Frequently Asked Questions

Question:

Solution:

<p>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</p>	<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 suitable aerial. Many indoor aerials will say they are digital ready, but you will not get a good signal 3) 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. <p>For best performance we recommend using an outdoor hi-gain digital aerial. If you are receiving some digital channels but not all of them, first try to connect a signal booster in between the TV and TV aerial socket</p>
<p>The sound quality is high pitched?</p>	<p>Go into the sound settings menu as shown earlier in the manual and increase the level of the bass and decrease the treble</p>
<p>I have inserted a disc but it is not playing</p>	<ol style="list-style-type: none"> 1) Ensure you have put the disc as shown on the diagram next to the DVD loading slot. 2) Ensure the disc is clean and is not scratched 3) Some copied discs will not play.
<p>I have connected the TV to my VCR via SCART but it is not recording</p>	<p>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</p>
<p>I have connected the TV to my VCR via SCART but it is not recording</p>	<p>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</p>

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		E156/13A-GB-TCD-UK	E19/13A-GB-TC-UK
Panel	Size (Inches)	15.6"	19"
	Resolution	1366x768	1440x900
	Contrast Ratio	500:1	800:1
	Brightness cd/m ²	250	300
Input Signal	PC RGB	Yes	Yes
	RF	75 ohm Antenna / PAL-SECAM	
	Video	1 x SCART, 1 x Component (YPbPr - 1080i)	
	Audio	1 x 3.5mm jack for PC, 1 x pair RCA for YPbPr	
	HDMI	1 (up to 1080i)	
Speaker Output	Watts (RMS)	2 x 1.5	2 x 1.5
DVD player		Yes	-
Power	Voltage	100-240v 47-63Hz 1.5A	
Dimensions	Inc Stand	405W x 337H x 150D	470W x 398H x 180D
	Exc Stand	405W x 289H x 70D	470W x 353H x 75D
Weight	Net (Kgs)	3.7	6.0
	Gross (Kgs)	4.8	7.5

		E19/13A-GB-TCD-UK E19/13A-GW-TCD-UK	E22/13A-GB-TC-UK	E22/13A-GB-TCD-UK E22/13A-GW-TCD-UK
Panel	Size (Inches)	19"	22"	22"
	Resolution	1440x900	1680x1050	1680x1050
	Contrast Ratio	800:1	700:1	700:1
	Brightness cd/m ²	300	300	300
Input Signal	PC RGB	Yes	Yes	Yes
	RF	75 ohm Antenna / PAL-SECAM		
	Video	1 x SCART, 1 x Component (YPbPr - 1080i)		
	Audio	1 x 3.5mm jack for PC, 1 x pair RCA for YPbPr		
	HDMI	1 (up to 1080i)		
Speaker Output	Watts (RMS)	2 x 1.5	2 x 1.5	2 x 1.5
DVD player		Yes	-	Yes
Power	Voltage	100-240v 47-63Hz 1.5A		
Dimensions	Inc Stand	470W x 398H x 180D	536W x 440H x 180D	536W x 440H x 180D
	Exc Stand	470W x 353H x 75D	536W x 398H x 79D	536W x 398H x 79D
Weight	Net (Kgs)	6.5	5.7	6.2
	Gross (Kgs)	7.9	7.9	8.3

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