Goodmans

GTV42P

42" Plasma Screen Television
with Remote Control

User Guide

Introduction

Thank you for purchasing this 42" Plasma Screen Television which has been designed and manufactured to give you many years of trouble-free service.

You may already be familiar with using a similar product, but do please take time to read these instructions - they have been written to ensure you get the very best from your purchase.

⚠ Safety is Important

To ensure your safety and the safety of others, please ensure you read the Safety Instructions **before** you operate this product.

Keep this information in a safe place for future reference.

Please Note
This 42" Plasma Screen TV is referred to throughout this user guide as television or TV.

Contents

Safety Instructions

⚠️ **WARNING! Ensure that you read all of the safety instructions before using your Television.**

Power Source

This television requires a 230V AC, 50Hz mains supply. Do not use any other power source.

Safety Considerations

- The television weighs approximately 46.5kg and requires two people to remove it from the packaging and position it for viewing. Exercise caution when lifting and moving the television and use safe lifting techniques.

- Position the power lead, and other connected leads, so that they are not likely to be walked on, pinched or where items can be placed on or against them.

- Do not allow the unit to get wet by splashing or dripping.

- During operation the plasma screen can become hot to the touch. Do not position the television under or close to curtains or similar furnishings. Do not position near other heat sources such as radiators.

- Do not cover any of the ventilation slots on the unit, as this may cause the television to overheat. Leave at least 10cm of space above and below the ventilation slots.

- Never allow children to insert foreign objects into holes or slots on the television.

Cleaning

- Disconnect the television from the mains supply before cleaning.

- Do not use any liquids or aerosol cleaners, as this may damage the unit. The television should be cleaned with a soft, damp (not wet) cloth.

Battery Disposal

- Please ensure that used batteries are disposed of safely.

Servicing

- There are no user servicable parts in your television. When servicing, refer to qualified service personnel.

Electrical Information

Make sure that the voltage of your electricity supply is the same as that indicated on the rating plate.

This television may be fitted with a non-rewireable plug. If you need to change the fuse in a non-rewireable plug, the fuse cover must be refitted. If the fuse cover is lost or damaged, the plug must not be used until a replacement is obtained.

If the plug has to be changed because it is not suitable for you socket, or it becomes damaged, it should be removed and an appropriate plug fitted following the wiring instructions below. The waste plug must be disposed of safely, as insertion into a mains socket is likely to cause an electrical hazard.
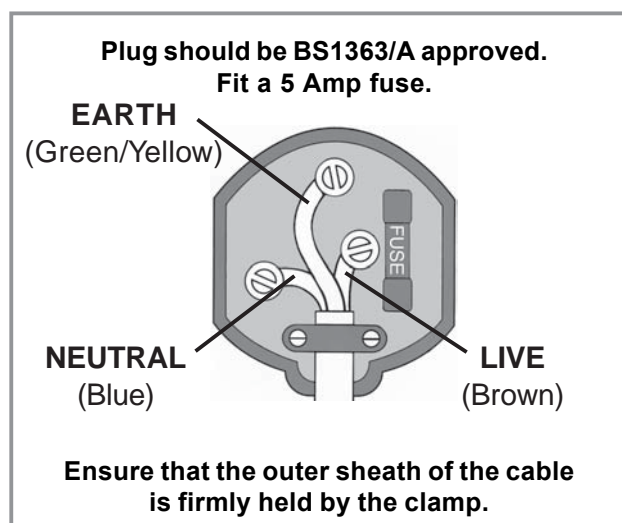
⚠️ **CAUTION! If a 13 amp (BS1363) plug is used, a 5 amp fuse (BS1362) must be fitted.**

If the colours of the wires in the mains lead of this appliance do not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

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

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

- The green and yellow wire must be connected to the earth terminal marked with the letter **E** or the earth symbol as shown in the margin.

Plug should be BS1363/A approved.
Fit a 5 Amp fuse.

EARTH (Green/Yellow)

NEUTRAL (Blue)

LIVE (Brown)

Ensure that the outer sheath of the cable is firmly held by the clamp.

This appliance must be earthed.

Quick view

Speaker Unit

Stand

Connectors (on underside of television viewed from rear)

Remote Control Sensor

Red Standby Indicator

Green Power On Indicator

Speaker Unit

L

R

OUT SPEAKERS

OUT LINE

CVBS

PC

S-VIDEO

AUDIO IN

PC DVI-I

ANTENNA

SERIAL

SCART 1

SCART 2

CVBS

S-VIDEO

Audio Outputs to Speakers

Audio Line Out

Audio Inputs: CVBS, PC and S-Video

For Connection to PC

Antenna

Serial Port (Used for servicing only)

Video Inputs: CVBS and S-Video

SCART Connectors

Power Cable Socket

Power On/Off Switch

Remote Control

Standby

Numeric buttons

Teletext Green button

Teletext Yellow button

Teletext Red button

Teletext Blue button

Menu button

Program Up button

Volume Down button

Volume Up button

Program Down button

Television button

PC Input button

One/Two Digit Program button

Video button

Teletext button

TV Operating Mode Menu/Teletext Reveal button

F1 button (not used)

F4 button (not used)

F2 button (not used)

F3 button (not used)

Screen Format button

Mute button

Freeze Frame/Teletext Hold button

Audio Mode Selection button

Picture In Picture button (PC Mode only)

Clock display/Mix Text and TV button

Auto adjust in PC Mode/ EnlargeTeletext button

Program and Signal Source Information button

Getting started

Remove your Television carefully from the box. You may wish to store the packaging for future use.

In the box

In the box you will have:
- Television
- Separate carton containing:
    - 2 speaker units
    - 2 speaker cables
    - 4 speaker unit brackets
    - 16 self tapping screws to mount brackets to the speaker units
    - 12 bolts to mount the speaker brackets to the television
- Separate carton containing:
    - Table stand
    - 2 mounting brackets
    - 4 M8 hexagonal head countersunk bolts
    - 2 M8 roundhead bolts and washers (located on the rear of the TV)
    - Hexagonal wrench
- Remote control
- Two AAA batteries
- AC power cord
- PC monitor cable
- User Guide

Locating the television

When deciding on a position for your television consider the following:

- Avoid positions opposite windows or other light sources that may cause reflections on the screen.

- Maintain at least 10cm of space around the television. Do not position near curtains or other soft furnishings.

- Proximity of antenna lead and power supply socket. Do not position cables where they can cause a tripping hazard.

- Do not position near or over radiators or other heat sources.

Assembly

Mounting the television on the stand

1. Remove and identify the parts for the stand (see the illustrations below and the following pages).

2. Place the stand on a flat surface and fix the two brackets using the four hexagonal head countersunk bolts as shown below.

3. Place the stand on the surface where the television will be positioned.
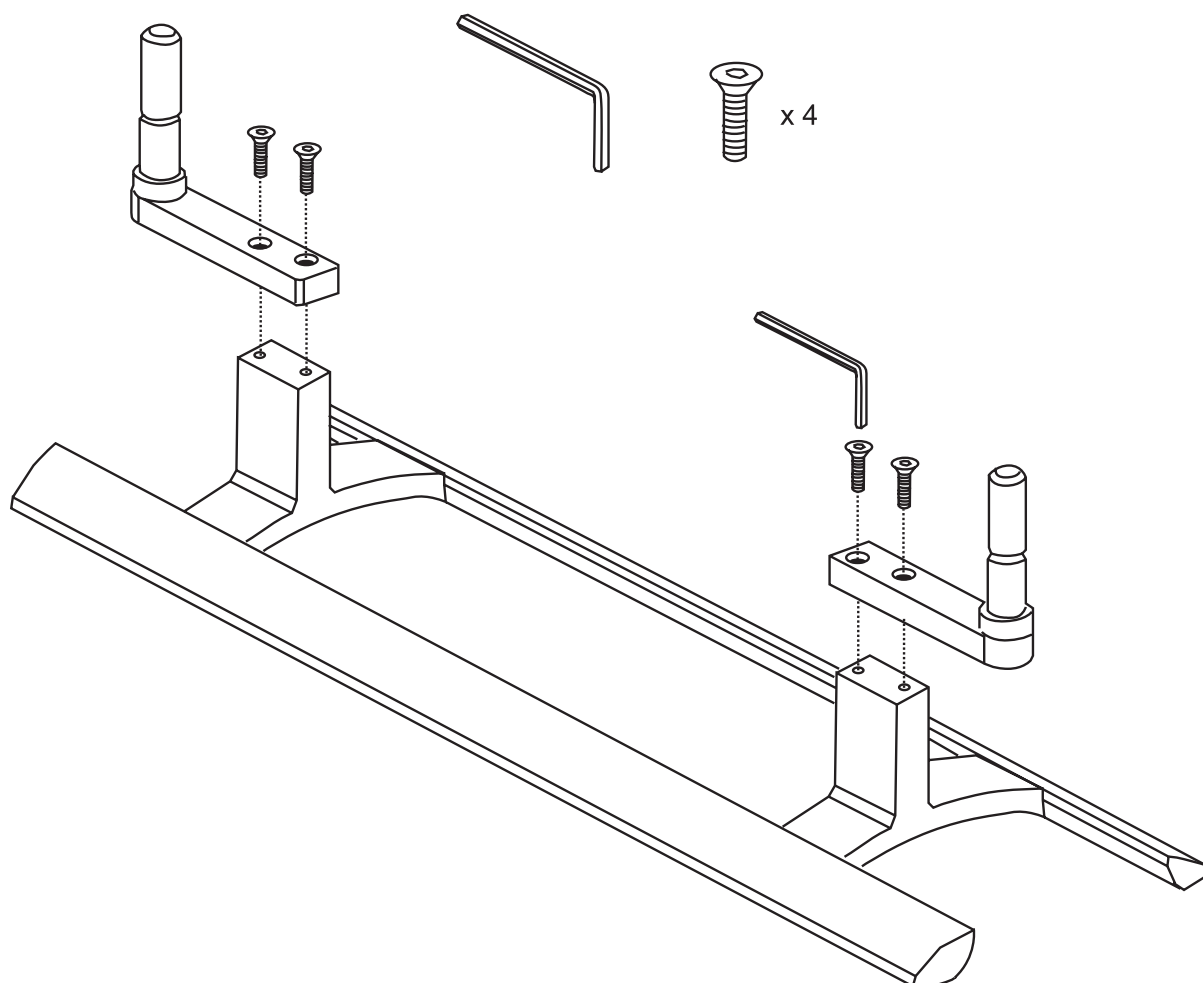

You will notice that the brackets are not mounted in the centre of the stand. Position the stand so that the brackets are furthest from the front (screen). See the inset illustration on the next page.

4. Loosen the two roundhead bolts and washers on the rear of the television (see illustration below).

WARNING! The television weighs approximately 46.5 kg. It requires two people to lift it safely and avoid injury.

4. Lift the television and slide it onto the two stand brackets as shown below. Make sure that the stand is positioned so that the brackets are towards the rear of the television, see the inset illustrations below.

5. Ensure that the television is fully seated on the stand and tighten the two roundhead bolts to fix the stand to the television as shown below.


Mount television so that the brackets are towards the rear.
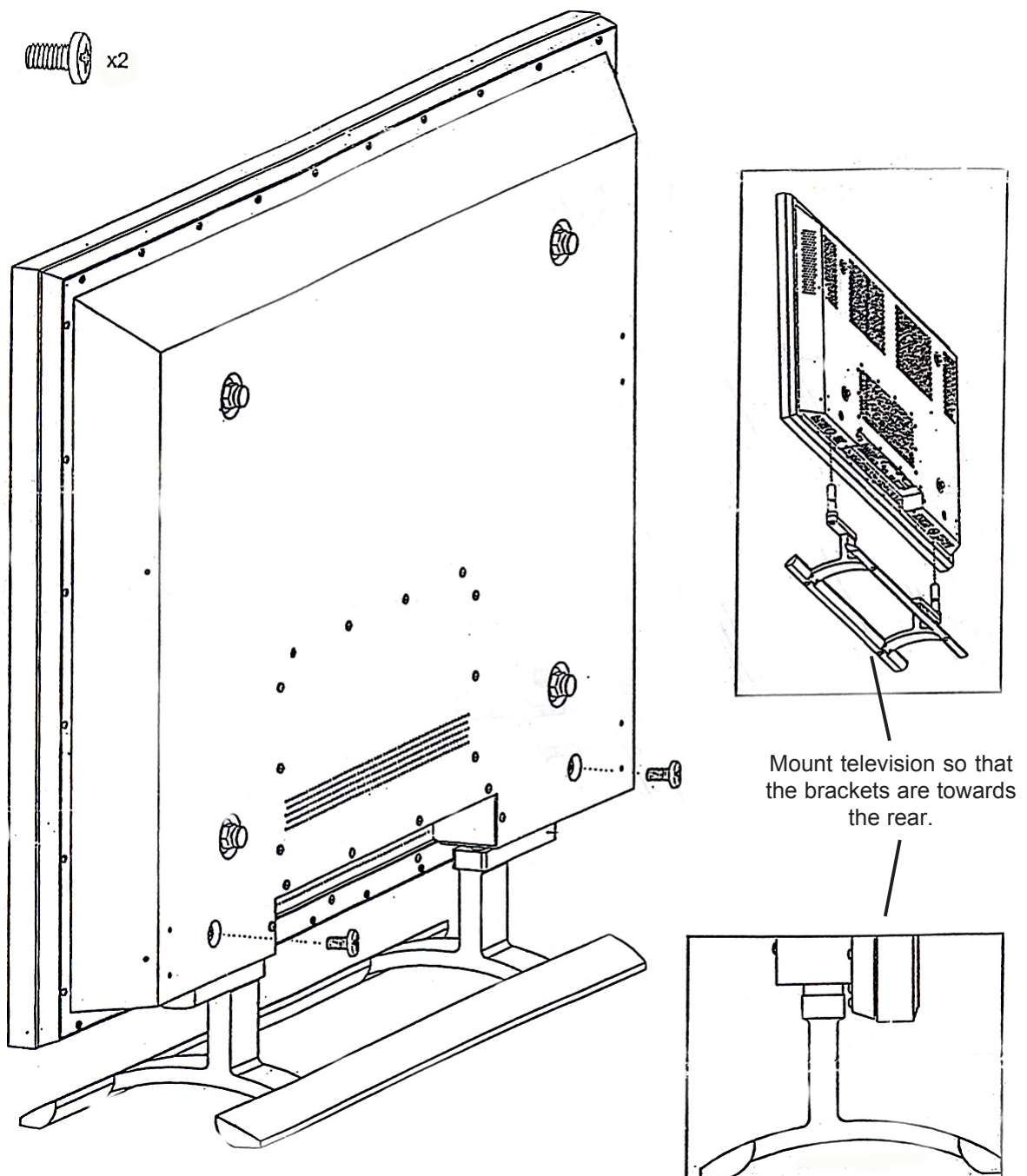
Mounting the speakers

The speaker units can either be fixed to the television using the brackets provided or wall mounted.

Fixing to the television

Refer to the illustrations below and on the following page.

1. Remove and identify the speaker units, brackets, screws and bolts.

2. Mount the brackets on the rear of the speaker units using the 16 self tapping screws. The screw holes are pre-drilled. The illustration opposite shows the brackets for the left speaker unit (viewed from the front of the television). The brackets for the right speaker unit must be mounted the other way round.

3. With the television on its stand hold the speaker unit so that the bracket lines up with the screw holes on the rear of the television, see illustration on the next page.

4. Use the twelve bolts to fix the brackets to the television.

5. Repeat this procedure for the other speaker unit.
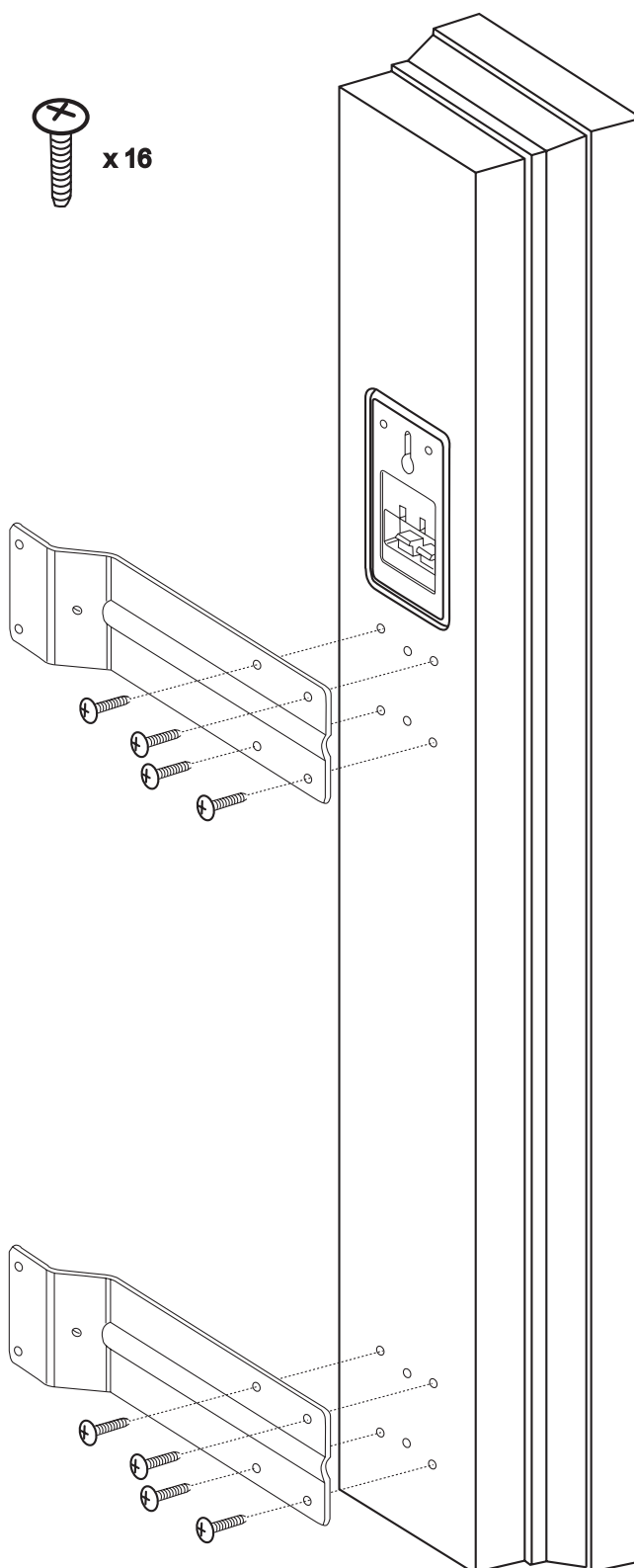
⚠ **CAUTION! When moving the television do not lift under the speaker units. Always lift the main body of the television.**

x 16

x12
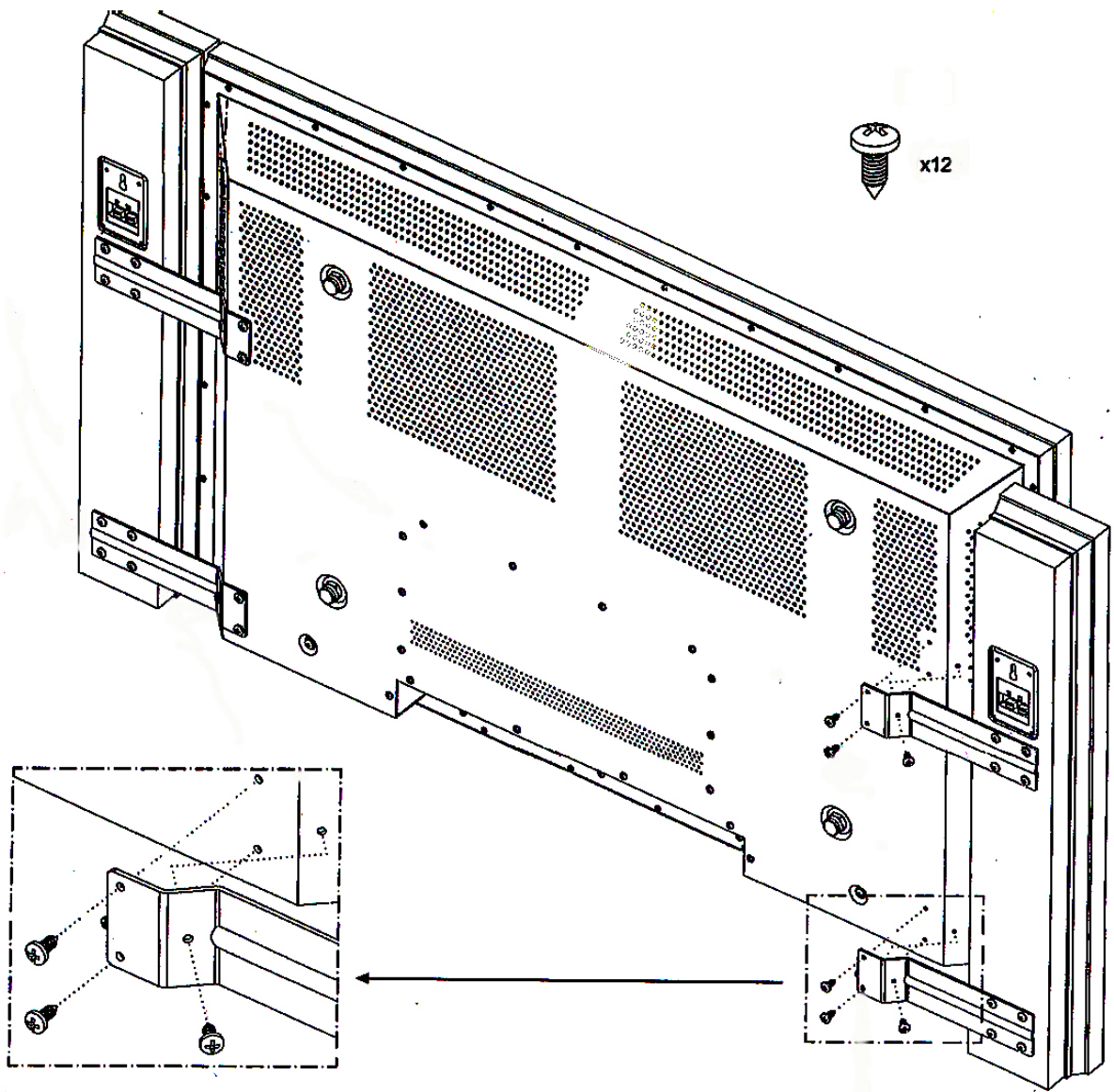
Wall mounting

1. Decide where you wish to mount the speaker units making sure that the cables will reach the television.

2. If mounting on a solid wall, drill and use a wall plug large enough for a size 8 round head screw of at least 1.5" in length. If mounting on a partition wall, locate a stud work member so that you screw into wood and not the cavity.

3. Screw into the wall leaving approximately 1/8" of the screw proud.

4. Mount the speaker so that the screw passes through the mounting hole, then allow the speaker unit to slide down so that the screw sits in the mounting slot.

Mounting slot

Connecting the speaker cables

The two speaker cables have an RCA connector at one end and the wires are stripped at the other.

1. Connect the cables to the speaker output RCA connectors on the panel under the television, see page 6.

2. Connect the bare wires at the other end of the cable to the appropriate speaker, see opposite. Push the tab on the speaker connector down, insert the bare wire into the hole and release the tab. Connect the red and black wire to the red connector and the black wire to the black connector. Do not insert the wires to far, i.e. make sure that the bare wire is in contact with the terminals of the speaker connector.

Black Wire
Red/Black Wire
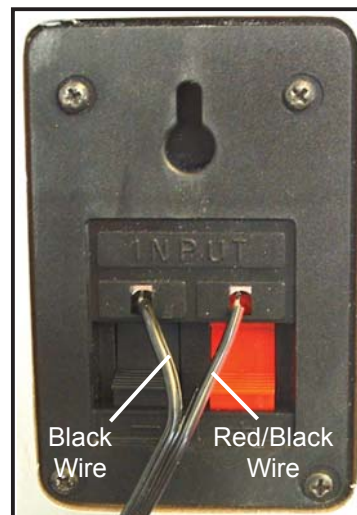
WARNING! Make sure that the cables are not placed where they can cause a tripping hazard.

Installing the remote control batteries

1. Remove the battery compartment cover.

2. Insert two LR03 (AAA) size batteries (supplied) in the compartment on the rear of the remote control, ensure you follow the polarity diagram inside the compartment.

3. Refit the battery compartment cover.

Energizer intelligent

We recommend the use of Ever Ready Energizer batteries.

Connecting external equipment

For initial tuning described on pages 17 to 19, connect your external antenna directly to the television.

Once the tuning process is complete connect your other AV devices.

The illustration below is a suggested method of connecting a video cassette recorder (VCR), DVD and PC (mains supply cable not shown). These connections are described on the next page.

PC audio cable (not supplied)

PC

PC monitor cable (supplied)

DVD

VCR
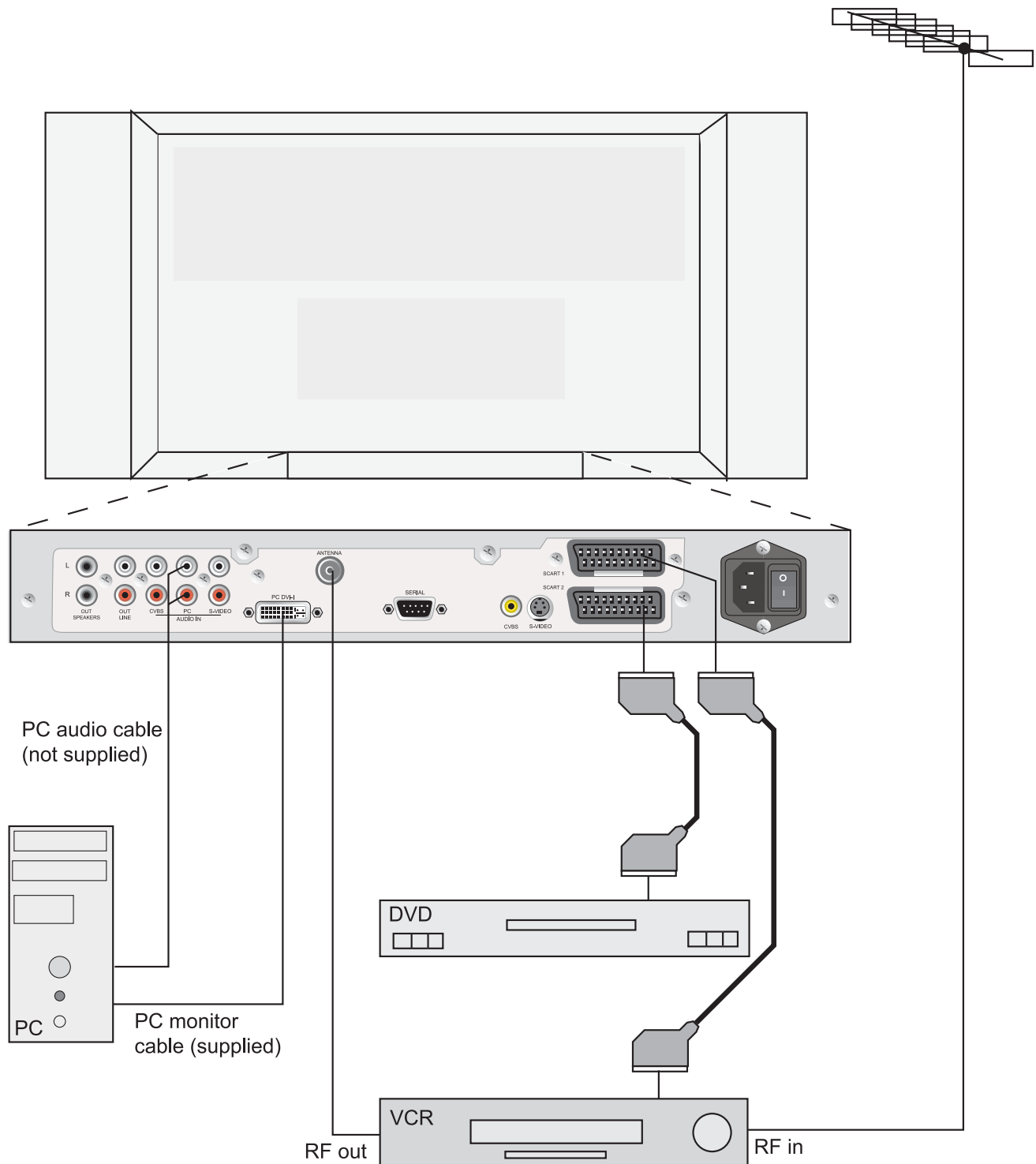
RF out

RF in

Connect the antenna to the RF in on the VCR and the RF out from the VCR to the television **ANTENNA** socket. This means that you will be able to record a programme while watching a different programme.

Connect the VCR Scart to **SCART 1** on the television. The the VCR signal will appear when Scart 1 is selected by pressing the **VIDEO** button on the remote control - you do not have to tune the television to the VCR signal.

Connect the DVD scart to **SCART 2** on the television. The the DVD signal will appear when Scart 2 is selected by pressing the **VIDEO** button on the remote control.

Connect the PC monitor cable to the **PC DVH** connector on the television. The television can then be used as your PC monitor when **PC** is pressed on the remote control.

To play the PC sound through the television you will need to obtain a cable that is compatible with your PC's audio output and has red and white RCA plugs on the other end to connect to the red and white **PC AUDIO IN** RCA sockets on the television.

Other connections

There are two further sets of inputs that that are available for use by a digital camera for example. These are CVBS and S-Video.

Composite Video Broadcast Signal, CVBS, uses RCA connectors. The composite video signal is connected to the yellow **CVBS** socket and the audio left and right signal to the **CVBS AUDIO IN** white and red sockets. The CVBS signal will appear when CVBS is selected by pressing the **VIDEO** button on the remote control.

S-Video has separate luminance (Y) and composite chrominance (C) components. It connects to the **S-VIDEO** 5-pin DIN connector and the audio left and right signals connect to the **S-VIDEO AUDIO IN** white and red RCA sockets. The S-Video signal will appear when YC is selected by pressing the **VIDEO** button on the remote control.

Audio output

Instead of using the television's speakers you can connect an audio decoder. Connect the **OUT LINE** RCA red and white connectors to the audio decoder audio right and audio left inputs.

Connecting to the mains and switching on

1. Connect the AC power cord to the AC power socket on the underside of the television, see page 6.

2. Plug into the mains and switch the socket on.

3. Switch the television on at the power switch on the underside of the television. The red standby indicator on the front of the television will light.

4. Press one of the numeric buttons on the remote control. The red indicator will extinguish and the green power on indicator will light.

5. To switch the television to standby, press the Standby button, ⏻ , on the remote control. If the television is going to be left unattended, switch off the mains switch on the underside of the television.

⚠️ **WARNING! Mains power is still applied to the television when in the standby mode. Do not leave the television in standby when it is unattended. If the television is not going to be used for a long period, disconnect the mains supply.**

Tuning UHF programmes

1. Switch the television on as described on the previous page.

2. Press the **MENU** button. The main menu will appear as shown below with **Inputs** highlighted.

Inputs	>
Picture	>
Display	>
Sound	>
Set Up	>
Info	>

3. Press the **VOL+** button. The Inputs menu will appear as shown below.

Inputs	>	Select :	Tuner
Picture	>	Source Settings	>
Display	>		
Sound	>		
Set Up	>		
Info	>		

4. If **Tuner** is displayed on the **Select** line go to step 7 below. If it is not use either of the P▲ or P▼ buttons to highlight **Select** and press the **VOL+** button. The **Select** will change to green.

5. Use either of the P▲ or P▼ buttons to scroll through the source options until **Tuner** is displayed.

6. Press the **VOL-** button

7. Use either of the P▲ or P▼ buttons to highlight **Source Settings** and press **VOL+**. The tuner menu will be displayed as shown below.

Inputs	>	Select :	Tuner		
Picture	>	Source Settings	>	Auto Search	>
Display	>			Manual Search	>
Sound	>			Sort	>
Set Up	>			Delete	>
Info	>				

8. If necessary, use either of the P▲ or P▼ buttons to highlight **Auto Search** and press **VOL+**. The auto seach menu will be displayed as shown below.

TV Standard :	PAL I
Search Form :	All Programs
Start Search	▶
Program Start Point :	01

9. The television standard used in the UK is PAL I. If the TV Standard is set to PAL I then go to step 12. If not use either of the P▲ or P▼ buttons to highlight **TV Standard** and press the **VOL+** button. The **TV Standard** will change to green.

10. Use either of the P▲ or P▼ buttons to scroll through the TV standard options until **PAL I** is displayed.

11. Press the **VOL-** button.

12. The search can be set to look for either all programs or just new programs. Initially you will want to search for all programs. If the Search Form is set to All Programs go to step 15. If not use either of the P▲ or P▼ buttons to highlight **Search Form** and press the **VOL+** button. The **Search Form** will change to green.

13. Use either of the P▲ or P▼ buttons to display **All Programs**.

14. Press the **VOL-** button.

NOTE

The initial search for programs should be from program 01. If however, you have previously set up some programs, you can start the search from any program number. This ensures that the previously set up programs are not overwritten.

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15. If the Program Start Point is set to 01 go to step 18. If, however, it is not, use either of the P▲ or P▼ buttons to highlight **Program Start Point** and press the **VOL+** button. The **Program Start Point** will change to green and the program number will flash.

16. Press **0** then **1** on the remote control.

17. Press the **VOL-** button.

18. Use either of the P▲ or P▼ buttons to highlight **Start Search** and press **VOL+**. The seach menu will be displayed as shown on the next page.

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SEARCH IN PROGRESS ...   12%   ⦿ : Abort Search

The progress of the search is shown as a percentage. You can abort the search at any time by pressing the red button on the remote control.

When a program is found it is allocated to the first available program number and the search continues. The program names, e.g. BBC-1, ITV etc, are displayed in the menu. If you are in an area where the signal is weak the program name may not be recognised. In this case the program number is displayed, e.g. PR01. You can name the program in the Manual Search menu, see page 23.

When the search is complete the menu is cleared and the television will tune to the program placed in program number 01.

Organizing the programs

The auto tuning process stores programs in the order that it finds them. This may not be the order that you require. For example the programs may be stored as follows:

PR01	ITV
PR02	BBC-1
PR03	CH4
PR04	BBC-2
PR05	CH5

 The order can be changed in the sort menu as follows:

1. Press the **MENU** button. The main menu will appear.

2. Press the **VOL+** button. The Inputs menu will appear.

3. If **Tuner** is displayed on the **Select** line go to step 6 below. If it is not use either of the P▲ or P▼ buttons to highlight **Select** and press the **VOL+** button. The **Select** will change to green.

4. Use either of the P▲ or P▼ buttons to scroll through the source options until **Tuner** is displayed.

5. Press the **VOL-** button

6. Use either of the P▲ or P▼ buttons to highlight **Source Settings** and press **VOL+**. The tuner menu will be displayed.

7. Use either of the P▲ or P▼ buttons to highlight **Sort** and press **VOL+**. The sort menu will be displayed as below.

ITV	BBC-1	CH4	BBC-2	CH5	– – – – –	– – – – –	– – – – –	– – – – –	– – – – –
– – – – –	– – – – –	– – – – –	– – – – –	– – – – –	– – – – –	– – – – –	– – – – –	– – – – –	– – – – –
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🟢 : Select a programme. Current = 1-ITV   Menu = Stop sorting

🔵 : Insert an empty programme at the current position

🟡 : Swap the selected programme with the current position

8. The programs are organised using the green, blue and yellow buttons on the remote control as described on the menu. For example to re-order as BBC1, BBC2, ITV, CH4 and CH5 follow the procedure below:

Press **VOL+** to highlight **BBC-1**.

Press the green button to select the program.

Press the **VOL-** to highlight **ITV**.

Press the yellow button to swap the position BBC1 and ITV.

Press the **VOL+** repeatedly to highlight **BBC-2**.

Press the green button to select the program.

Press the **VOL-** to highlight **CH4**.

Press the yellow button to swap the position BBC2 and CH4.

Press **VOL-** to highlight **ITV**.

Press the yellow button to swap the position of BBC2 and ITV.

Press **MENU** to exit the sort menu.

Deleting programs

The auto tuning process may store programs that you do not require. These can be deleted as follows.

1. Press the **MENU** button. The main menu will appear.

2. Press the **VOL+** button. The Inputs menu will appear.

3. If **Tuner** is displayed on the **Select** line go to step 6 below. If it is not use either of the P▲ or P▼ buttons to highlight **Select** and press the **VOL+** button. The **Select** will change to green.

4. Use either of the P▲ or P▼ buttons to scroll through the source options until **Tuner** is displayed.

5. Press the **VOL-** button

6. Use either of the P▲ or P▼ buttons to highlight **Source Settings** and press **VOL+**. The tuner menu will be displayed.

7. Use either of the P▲ or P▼ buttons to highlight **Delete** and press **VOL+**. The delete menu will be displayed as below.

ITV	BBC-1	CH4	BBC-2	CH5	-----	-----	-----	-----	-----
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⦿ (red) : Delete current programme   Menu = Stop deleting

⦿ (green) : Select delete range start point. Current = 1-ITV

⦿ (yellow) : Select delete range end point. Current = 5-CH5

⦿ (blue) : Confirm delete from start point to end point.

8. Use the VOL+, VOL-, P▲ or P▼ buttons to highlight the program to be deleted and press the red button on the remote control.

   If you have a number of programs to delete the range can be selected using the green and yellow buttons. The blue button is then used to deleted the selected range.

9. Press **MENU** to exit the delete menu.

Manual and fine tuning

If you know the frequency of a program you can tune the television in the Manual Search menu. You can also use this menu to fine tune an existing program.

To tune to a known frequency proceed as follows:

1. Press the **MENU** button. The main menu will appear.

2. Press the **VOL+** button. The Inputs menu will appear.

3. If **Tuner** is displayed on the **Select** line go to step 6 below. If it is not use either of the P▲ or P▼ buttons to highlight **Select** and press the **VOL+** button. The **Select** will change to green.

4. Use either of the P▲ or P▼ buttons to scroll through the source options until **Tuner** is displayed.

5. Press the **VOL-** button

6. Use either of the P▲ or P▼ buttons to highlight **Source Settings** and press **VOL+**. The tuner menu will be displayed.

7. Use either of the P▲ or P▼ buttons to highlight **Manual Search** and press **VOL+**. The manual search menu will be displayed as below.

Programme :	15
TV Standard :	PAL I
Frequency :	000.00 MHz
Name :	- - - - -

8. If necessary use either of the P▲ or P▼ buttons to highlight Programme and press **VOL+**. **Programme** will change to green and the program number will flash.

9. Enter the number of the program you wish to use and repeatedly press **VOL-** until **Programme** changes to blue.

10. The television standard used in the UK is PAL I. If the TV Standard is set to PAL I then go to step 13. If not use either of the P▲ or P▼ buttons to highlight **TV Standard** and press the **VOL+** button. The **TV Standard** will change to green.

11. Use either of the P▲ or P▼ buttons to scroll through the TV standard options until **PAL I** is displayed.

12. Press the **VOL-** button.

13. Use either of the P▲ or P▼ buttons to highlight **Frequency** and press **VOL+**. **Frequency** will change to green and the value will flash.

14. Enter the frequency of the program then repeatedly press **VOL-** until **Frequency** changes to blue.

15. You can now exit the menu by pressing **MENU** or continue and name the program - see next section.

Naming programs

If you have manually tuned a program or if the auto search did not recognise a program name, you can manually name the program in the Manual Search menu.

1. Open the Manual Search menu and select the program as decribed on page 22, steps 1 to 9.

2. Use either of the P▲ or P▼ buttons to highlight **Name** and press **VOL+**. Name will change to green and the first character position will flash.

3. Use either of the P▲ or P▼ buttons repeatedly to select the required character and press **VOL+** . The second character will flash.

4. Repeat this process until you have entered all of the characters then repeatedly press **VOL-** until **Name** changes to blue.

5. Press **MENU** to exit.

Operating the television

Switching between TV/PC/AV

Ensure the connected video equipment is switched on and connected as described in 'Connecting external equipment', see page 14.

Press the appropriate button:

- Press **TV** to switch to TV mode.

- Press **PC** button once to switch to PC mode.

- Press **VIDEO** button to switch to AV mode. Repeatedly press the **VIDEO** button to scroll through the AV signals, i.e. SCART1, SCART2, CVBS and YC.

Changing programs

Use either the P▲ and P▼ buttons to change the program or enter the number of the program you require using the numeric buttons on the remote control.

If the program number you require is greater than 9, you will need to press the **-/--** button then enter the two digits.

Adjusting the volume

Press the **VOL+** or **VOL-** button to adjust the sound level.

Mute

Press the mute button, ⋈ , and the sound is muted.

Press the mute button, ⋈ , again or **VOL+ / VOL** button to turn the sound back to the previous level.

Screen aspect ratio

The television picture can be set to a number of aspect ratios as defined in the following paragraphs.

To select an aspect ratio repeatedly press the F ⟷ button to scroll through the options until the one you desire is displayed.

You can also set the television to the Auto mode by pressing the **AUTO** button on the remote control.

- 4:3
  This is the normal aspect ratio used by most broadcast TV programmes. Blank areas will appear at the sides of the picture - this is normal.

- Full Screen
  The television will expand the picture to fill the screen, however, there maybe some picture distortion depending on the aspect ratio of the signal input.

- 16:9
  This is used by many pre-recorded programmes (DVDs and video tapes). A 16:9 picture will fill the screen with no borders.

- Zoom
  This option performs a manual conversion from the 4:3 aspect ratio. It stretches the image by approximately 20% to fill the screen.

- User Zoom
  In the television set up menus you can set a zoom level of between 40% and 140%, see page 31.

- Non Linear
  This option expands the picture to fill the screen but in this case the middle of the picture is displayed as the original and a higher level of scaling takes place towards the margins of the picture.

- Auto
  This mode automatically scales the picture to fit the screen irrespective of the input signal format.

Freeze frame

You can freeze the picture by pressing the **FREEZE** button. To remove the freeze frame press the **FREEZE** button again.

⚠ **CAUTION! Do not leave the television in the freeze frame state for long periods. The image can be permanently burnt into the screen causing degradation of the picture quality.**

Stereo sound

In the television tuner mode, the sound can be set to either stereo or enlarged stereo by pressing the **M/S** button. Use the enlarged stereo setting if the television is located in a large room.

If viewing one of the AV inputs, there is an additional option of mono. Repeatedly press the **M/S** button to scroll through the options.

Information display

You can view the program name and the sound setting by pressing the information, **i**, button. The information is displayed for 2 to 3 seconds.

Clock display

In the television tuner mode, the current time can be displayed by pressing the clock button, ⊕ . The time is derived from the teletext signal and is therefore always accurate.

To remove the clock display press the clock button, ⊕ , again.

Using Teletext

Teletext is an information system that displays text on your TV screen. Using the teletext control buttons you can view pages of information that are listed in the teletext index.

NOTE
The on screen displays are not available in text mode, however, the volume control is still available. Make sure the TV channel you are watching transmits teletext.

To enter Text mode

Press the **TEXT** button. The text page will appear, normally the index page.

To exit Text mode

Press the **TEXT** button again. The TV will return to the programme you were watching.

To select a page of text

Find the number of the page in the index and enter it using the numeric buttons. The number of the page will appear in the top left hand corner of the screen.

The page counter will search for your page. When it finds it, the page will be displayed.

To move to the next page of text, press the P▲ button.

To move to the previous page of text, press the P▼ button.

Page hold

If the page of text you have selected contains sub pages, these sub pages will automatically be displayed in order with a delay to allow you to read the page.

To stop the move to the next sub page, press the **HOLD** button. The screen will freeze frame (the clock in the top right corner will stop).

To continue moving through the sub pages, press the **HOLD** button again.

⚠ **CAUTION! Do not leave the television in the freeze frame state for a long period as this can cause permanent burn-in of the image.**

To reveal information

Press the **L/?** button to reveal concealed information (quiz answers etc.)

Press the **L/?** button again to conceal the information again.

Fast text

At the bottom of the teletext screen is a row of subject headings in **red, green, yellow** and **blue**.

The remote control has a row of coloured buttons corresponding to the row of coloured subjects on the screen. Pressing one of the coloured buttons will take you directly to the page corresponding to the subject heading.

Update

In the Teletext mode, pressing the **MENU** button will switch the screen to the TV mode and display **???** as the page number in the top left corner of the screen.

Enter the page number you require using the numeric buttons. As you enter the numbers they will be displayed but as soon as you enter the third digit they revert to **???** again. The teletext system is now searching for your page. Once it is found the **???** is replaced with the page number. Press **MENU** to view the page.

Expand

To select double height text, press the **PAGE** button to enlarge the top half of the page. Press the button again to enlarge the bottom half of the page.

Press the **PAGE** button once more to return to the normal display.

Display subtitles

To display subtitles for the programme you are watching, press the **TEXT** button and go to page 888.

Press the **TEXT** button again to switch subtitles off.

Television setup

The television set up is accessed through the menu system.

The menu attributes are all adjusted in a similar way:

1. Use the P▲ and P▼ buttons to highlight a picture attribute.

2. Press **VOL+** to select the attribute, which will change to green coloured text.

3. Use the P▲ and P▼ buttons to adjust the setting.

4. Press **VOL-** to exit the attribute.

Picture setup

Your TV has several settings which allow you to control the picture quality. Press the **MENU** button, the P▼ button and the **VOL+** button. The picture menu will be displayed as shown below.

Inputs	>		
Picture	>	Contrast :	64
Display	>	Brightness :	71
Sound	>	Sharpness :	
Set Up	>	Color :	16
Info	>	DNC :	16
		Photo DC :	Off
		Interlace :	Auto Mode

Contrast and brightness

These can be set to a level between 0 and 100. A slide bar indicates the level set.

Sharpness

Sharpness has four settings

Color and DNC

These can be set to between 0 and 30.

DNC is digital noise control. If the UHF picture or video input signal has picture interference, DNC can be used to reduce the effect. The higher the setting the more control applied. It operates by reducing sudden changes in contrast between elements of the screen. If you have a good signal and you apply a high level of DNC you may loose some picture definition.

Photo CD

If viewing still photographs from a DVD player, set **Photo CD** to **On**. This will select settings for the DNC and interlacing so that the picture quality is optimised.

Interlace

This is the method that the television uses to display the picture on the screen. It can be set to:

- **Auto Mode**
- **Still**
- **Movie**
- **Camera**

The settings will optimise the picture quality for the type of signal input. Alternatively you can leave it on **Auto Mode** where the television will analyse the signal and determine the best interlace method.

Display setup

Your TV has several settings which allow you to control the way the picture is displayed.

Press the **MENU** button, the P▼ button twice and the **VOL+** button. The display menu will appear as shown below.

Inputs	>		
Picture	>		
Display	>	Picture Format	>
Sound	>	Color Temperature :	Ideal
Set Up	>	Picture Contrast :	Ideal
Info	>	Freeze Picture	▶
		Use Color Temp	>

Picture format

With **Picture Format** highlighted press **VOL+**. The zoom sub-menu will be displayed as shown below:

Inputs	>				
Picture	>				
Display	>	Picture Format	>	Zoom :	Auto
Sound	>	Color Temperature :	Ideal	User Zoom :	▮▮▮▮▮▮▯▯▯
Set Up	>	Picture Contrast :	Ideal		
Info	>	Freeze Picture	▶		
		Use Color Temp	>		

The zoom settings are as described for the different aspect ratios on pages 24 and 25.

User Zoom enables you to set a zoom level between 40% and 140% which is then used as the **User Zoom** setting when pressing the F ⟨◆⟩ button. As soon as you adjust the **User Zoom** attribute the **Zoom** attribute automatically changes to **User Zoom**.

Colour temperature

Colour temperature can be set to:

- **Ideal**
- **Warm** - enhances the red components of the video signal.
- **USER** - uses the settings made in the **Use Color Temp** menu, see next page.
- **Cold** - enhances the blue components of the video signal.

Picture contrast

Colour picture contrast can be set to:

- **Ideal**
- **Light** - brightens the picture. Use in rooms that have bright lighting.
- **Dark** - darkens the picture. Use in rooms that have low lighting.

Freeze picture

This has the same effect as the **FREEZE** button on the remote control.

User colour temperature setting

With **Use Color Temp** highlighted press **VOL+**. The user colour temperature sub-menu will be displayed as shown below:

Inputs	>			
Picture	>			
Display	>	Picture Format	>	
Sound	>	Color Temperature :	Ideal	
Set Up	>	Picture Contrast :	Ideal	
Info	>	Freeze Picture	▶	
		Use Color Temp	>	Red : 128
				Green : 128
				Blue : 128

The three colour attributes can be set to between 0 and 255. As soon as you adjust any of the attributes the **Color Temperature** will automatically change to **USER**.

Sound setup

Press the **MENU** button, the P▼ button three times and the **VOL+** button. The sound menu will appear as shown below.

Inputs	>		
Picture	>		
Display	>		
Sound	>	Volume :	
Set Up	>	Balance :	
Info	>	Equalizer :	Flat
		Option :	Stereo
		Volume Line Out :	
		Max Startup Volume :	
		AVC :	Off
		User Equalizer :	>

Volume

This has the same effect as using the **VOL+** and **VOL-** buttons on the remote control.

Balance

This sets the balance between the left and right speakers.

Equalizer

Your television has a number of preset equalizer settings. These enhance certain frequency components of the sound output to suit the type of audio signal.

The options are:

- **Flat** - no equalization applied.
- **User** - uses the settings made in the User Equalizer menu, see next page.
- **Jazz**
- **Rock**
- **Vocal**
- **Classic**
- **Pop**

Option

This has the same mono, stereo and stereo enlarged options as the **M/S** button on the remote control described on page 25.

Line out volume

The volume of the audio line out signal can be set by the **Volume Line Out** menu option.

Maximum startup volume

This sets the maximum volume for the television when it is switched on, preventing a sudden loud burst of sound.

Automatic volume control

When AVC is set to **On** it alters the dynamic range compression of the sound output. High volume outputs (gunfire, explosions) are softened so you can watch the television without disturbing others.

User equalizer

With **User Equalizer** highlighted press **VOL+**. The user equalizer sub-menu will be displayed as shown below:

Inputs	>		
Picture	>		
Display	>		
Sound	>	Volume :	▮▮▮▯▯
Set Up	>	Balance :	▮▮▮▮▯
Info	>	Equalizer :	Flat
		Option :	Stereo
		Volume Line Out :	▮▮▮▯▯
		Max Startup Volume :	▮▮▮▯▯
		AVC :	Off
		User Equalizer :	>

< 120 Hz :	▮▮▯▯
500 Hz :	▮▮▮▯
1.5 kHz :	▮▮▯▯
5 kHz :	▮▮▯▯
> 10 kHz :	▮▮▯▯

The equalizer menu has five frequency bands. You can set the level of enhancement for each band. As soon as you make an adjustment the **Equalizer** setting will automatically change to **User**.

Set Up

The **Set Up** menu has a number of functions as shown below:

Inputs	>		
Picture	>		
Display	>		
Sound	>	Display Source Info :	On
Set Up	>	Language :	English
Info	>	OSD Set Up :	>
		Pwr Down/Stand-By :	>
		Reset to factory Defaults :	>
		Sleep Timer :	Off

Display source information

When set to **On** the source information is briefly displayed when the program or source is changed. When set to **Off**, the information is not shown.

Language

You can set the language used for the on screen displays. Use the P▲ and P▼ buttons to scroll through the available languages. The change is implemented immediately.

On screen display set up

With **OSD Set Up** highlighted press **VOL+**. The OSD sub-menu will be displayed as shown below:

Inputs	>		
Picture	>		
Display	>		
Sound	>	Display Source Info :	On
Set Up	>	Language :	English
Info	>	OSD Set Up :	>
		Pwr Down/Stand-By :	>
		Reset to factory Defaults :	>
		Sleep Timer :	Off

Time Out :	Off
Transparency :	On

Time Out sets the time that the menus will remain displayed after the last button press. The options are **Off**, **5**, **10** and **15** seconds. **Off** requires the OSD to be cancelled manually by pressing the **MENU** button.

When **Transparency** is set to **On** the picture is still visible behind the OSD. When set to **Off** the OSD menus are opaque.

Power down/Standby

This function is used in the PC mode, see page 40.

Reset to factory defaults

Selecting this option will configure the television to the same settings as when it was manufactured. It will delete all of your user settings.

Sleep timer

You can set the television to automatically switch to standby after a certain period.

The period can be set from 30 minutes up to 2 hours 30 minutes in 30 minute steps.

Info menu

The **Info** menu displays for information purposes only:

- The temperature of the screen in degrees centigrade.
- The hardware version.
- The software version.

Using as a PC monitor

Initial set PC mode

Connect the PC as described on page 14.

Switch the PC and television on and press the **PC** button on the remote control to switch to the PC mode.

Adjusting the picture settings

Your television will automatically adjust to the signal from the PC, however, this may take a minute or two during which you may observe some screen interference. The television will attempt to fit the PC display to the full screen.

The television can accommodate a number of settings as listed on the table below. The resolution is set on your PC.

- DOS 640 x 400
- DOS 720 x 400
- VGA 640 x 480
- SVGA 800 x 600
- WVGA 848 x 480
- XGA 1024 x 768

You can manually adjust the size and position of the display on the screen.

1. Press the **MENU** button. The main menu will appear with **Inputs** highlighted.

2. Press the **VOL+** button. The Inputs menu will appear.

3. Use either of the P▲ or P▼ buttons to highlight **Source Settings** and press **VOL+**. The PC menu will be displayed as shown on the next page.

4. Use the P▲ or P▼ buttons to highlight a vertical or horizontal size or position and press **VOL+**.

5. Use the P▲ or P▼ buttons to make the adjustments then press **VOL-**.

6. Adjust all of the parameters until you have the display you require.

You can now save these settings so that the television can be returned to this setup when you next enter the PC mode.

7. Use the P▲ button to highlight **User timings** and press **VOL+**.

8. Use the **VOL+** to set the **Position** number to be used for these settings.

Inputs	>	Select :	PC(RGB)	H Freq :	38.0 kHz
Picture	>	Source Settings	>	V Freq :	60.0 kHz
Display	>			Pixel Clock :	34.53 MHz
Sound	>			H/V Pol :	+/-
Set Up	>			User timings	>
Info	>			Auto Setup	▶

Position	1
Recall	▶
Save	▶
Delete All	▶

V Pos :

V Size :

H Size :

H Pos :

Phase :

9. Use the P▼ button to highlight **Save** and press **VOL+**.

The settings can be recalled by opening the **User Timings** menu, highlighting the **Position** number, highlighting **Recall** and pressing **VOL+**.

8. To exit the menu system, press the **MENU** button.

NOTE

*If at any stage you wish to revert to the televisions automatic settings, highlight **Auto Setup** and press **VOL+**.*

Picture adjustment in PC mode

The picture adjustment in the PC mode is similar to that described for TV and video signals on page 29, however, only the contrast, brightness and sharpness can be adjusted.

Inputs	>		
Picture	>	Contrast :	64
Display	>	Brightness :	71
Sound	>	Sharpness :	
Set Up	>		
Info	>		

Zoom settings in PC mode

The zoom settings available when pressing the F ⟨⬅⬤➡⟩ button in the PC mode are slightly different to those described previously for TV and video signals.

The settings are:

Full Screen — this will expand the display to fill the screen.

User Zoom — this is set up menu setting of between 40% and 140%, see page 31.

Fill AR — scales the input to a 4:3 aspect ratio.

1:1 — no scaling is applied, the display is placed centrally on the screen.

Picture in picture

While using the television as a PC monitor you can also display another video source in a small window - hence picture in picture.

The video source can be a programme from the tuner or any of the video inputs: Scart1, Scart2, CVBS or YC.

To select the PIP source

1. Press the **MENU** button, the P▼ button twice and the **VOL+** button. The display menu will appear.

2. Use the P▲ and P▼ buttons to highlight **Picture In Picture** and press **VOL+**. The PIP menu will be displayed as shown below.

Inputs	>			
Picture	>			
Display	>	Picture Format	>	
Sound	>	Color Temperature :	Ideal	
Set Up	>	Picture Contrast :	Ideal	
Info	>	Picture In Picture :	>	Size (+On/Off) : Large
		Freeze Picture	▶	Source : TUNER
		Use Color Temp	>	Horizontal Pos :
				Vertical Pos :

3. Use the P▲ and P▼ buttons to highlight **Source** and press **VOL+**.

4. Use the P▲ and P▼ buttons to scroll through the input signals and when the signal you require is displayed press **VOL-**.

5. To exit the menus press the **MENU** button.

To display the PIP

When in PC mode press the **PIP** button on the remote control. The window will appear.

The picture can also be turned on while in the PIP menu, see above.

To change the size of the PIP

Repeatedly press the **PIP** button to cycle through the formats:

- Off
- Small
- Medium
- Large

To change the position of the PIP

The PIP can be moved to any position on the screen.

Enter the PIP menu as described on the previous page.

Use the P▲ and P▼ buttons to highlight **Horizontal Pos** and press **VOL+**.

Use the P▲ and P▼ buttons to move the PIP position horizontally then press **VOL-**.

Use the P▲ and P▼ buttons to highlight **Vertical Pos** and press **VOL+**.

Use the P▲ and P▼ buttons to move the PIP position vertically then press **VOL-**.

Press **MENU** to exit the menus.

Reaction on PC syncs

In the PC mode the television checks for the presence of the horizontal and vertical sync signals. If they are not present for approximately ten minutes, the television automatically switches to standby. So when your PC is shutdown the television will automatically switch to standby.

Provided the **Reaction to PC syncs** is set to **On**, the television will turn on automatically when your PC is next booted up.

1. Press the **MENU** button, the P▼ button four times and the **VOL+** button. The Set Up menu will appear.

2. Use the P▲ and P▼ buttons to highlight **Pwr Down/Stand-By** and press **VOL+**. The power down menu will be displayed as below.

Inputs	>				
Picture	>				
Display	>				
Sound	>	Display Source Info :	On		
Set Up	>	Language :	English		
Info	>	OSD Set Up :	>		
		Pwr Down/Stand-By :	>	Show logos :	On
		Reset to factory Defaults :	>	Reaction on PC syncs :	On
		Sleep Timer :	Off		

3. Use the P▲ and P▼ buttons to highlight **Reaction on PC syncs** and press **VOL+**. The text will change to green.

4. Use either the P▲ or P▼ button to set the **Reaction on PC syncs** to **On**.

5. Press **VOL-** then **MENU** to exit.

NOTE *The Show logos option on this menu has no function in this model.*

Troubleshooting

No picture, sound or indicators	Check that the mains cable is connected and that the socket and television are switched on.
	Check the fuse in the mains plug.
Green indicator on but no picture or sound	Make sure that the correct input is selected, e.g. press the TV button.
Picture but no sound	Make sure that the sound has not been muted.
	Check the speaker connections, see page 13.
Picture too dark	Check that the contrast is not set to Dark, see page 31.
	Check the contrast and brightness settings on the picture setup, see page 29.
In PC mode letters not legible	Screen resolution may be set incorrectly, try executing an auto adjust, see page 38.
Remote control does not function	Make sure that there are no obstructions between the remote control and the sensor.
	Make sure that the remote control is within its operating range; approximately 7m and at an angle of no more than 30°.
	Try changing the batteries in the remote control.

NOTE *If none of the previous suggestions work, try switching your television off and then on again.*

⚠ **WARNING ! If this does not work, contact either your supplier or a qualified television repair technician. Never attempt to repair a Television yourself.**

Care and maintenance

Care of the screen

Always unplug the television from the mains before cleaning.

Clean the screen with a slightly damp, soft cloth.

Do not use abrasive solvents or cleaners as they may damage the television's screen coating layer.

Technical specification

Power Supply: 230V AC 50Hz

Power Consumption: 380W (typical)

Remote control batteries: 2 x AAA

Visible screen size: 42" (107cm)

Screen format: 16:9

Resolution: 852 x 480 pixels

Image formats: 4:3, 16:9, zoom, user zoom, full screen, automatic, non-linear

Video/PC Inputs:

TV Tuner:	IEC connector, 75ohm VHF/UHF/Hyperband
SCART1:	CVBS, RGB (PAL, SECAM, NTSC) CVBS output
SCART2:	CVBS, (PAL, SECAM, NTSC) CVBS
CVBS:	RCA connectors (PAL,SECAM,NTSC)
S-Video:	Mini DIN connector (PAL,SECAM,NTSC)
PC:	DVI-I connector VGA, SVGA, WVGA,XGA

Audio inputs:
SCART1
SCART2
CVBS (RCA connectors)
S-Video (RCA connectors)
PC (RCA connectors)

Audio outputs:
Speakers: 2 x 7W sine @ 8 ohms
Line out (RCA connectors)

PC formats:
DOS 640x400 and 720x400
VGA 640x480 @ 50 to 90Hz repetition
SVGA 800x600 @ 50 to 90Hz repetition
WVGA 848x480 @ 50 to 90Hz repetition
XGA 1024x768 @ 50 to 90Hz repetition

Guarantee

This product is guaranteed for 12 months from the date of original purchase. If any defect arises due to faulty materials or workmanship, the unit will either be replaced, a refund given or repaired free of charge (where possible) during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee is only valid within the boundaries of the country of purchase.

- The product must be correctly assembled and operated in accordance with the instructions contained in this booklet.

- The guarantee does not cover accidental damage, misuse, or consumable items.

- The guarantee will be rendered invalid if the product is resold or has been damaged by inexpert repair.

- The manufacturer disclaims any liability for incidental or consequential damages.

This guarantee is in addition to and does not diminish your statutory, or legal rights.

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