

TOSHIBA

Leading Innovation >>>

AV6P**
LV6P**
RV6P**
ANALOGUE
Series

REGZA



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* LV6**P and RV6**P Series only

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* RV6**P Series only

Safety Precautions

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken to obtain the best results and for safety to be assured. Please read the points below for your own safety. They are of a general nature, intended to help with all electronic consumer products and some points may not apply to the goods you have just purchased.

Air Circulation

Leave more than 10cm clearance around the television to allow adequate ventilation. This will prevent overheating and possible damage to the television. Dusty places should also be avoided.

Heat Damage

Damage may occur if the television is left in direct sunlight or near a heater. Avoid places subject to extremely high temperatures or humidity. Place in a location where the temperature remains between 5°C (41°F) min. and 35°C (94°F) max.

Mains Supply

The mains supply required for this equipment is 220-240V AC 50/60Hz. Never connect to a DC supply or any other power source. DO ensure that the television is not standing on the mains lead. Use only the supplied lead.

DO NOT cut off the mains plug from this equipment, this incorporates a special Radio Interference Filter, the removal of which will impair its performance. IF IN DOUBT PLEASE CONSULT A COMPETENT ELECTRICIAN.

Do

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between pieces of equipment) are properly made and in accordance with the manufacturers' instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment.

DO NOT REMOVE ANY FIXED COVERS AS THIS WILL EXPOSE DANGEROUS AND 'LIVE' PARTS.

THE MAINS PLUG IS USED AS A DISCONNECTING DEVICE AND THEREFORE SHOULD BE READILY OPERABLE.

Do not

DO NOT obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DO NOT allow electrical equipment to be exposed to dripping or splashing or objects filled with liquids, such as vases, to be placed on the equipment.

DO NOT place hot objects or naked flame sources, such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DO NOT use makeshift stands and NEVER fix legs with wood screws. To ensure complete safety, always fit the manufacturers' approved stand, bracket or legs with the fixings provided according to the instructions.

DO NOT leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off by withdrawing the plug, make sure your family know how to do this. Special arrangements may need to be made for people with disabilities.

DO NOT continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way – switch off, withdraw the mains plug and consult your dealer.

WARNING – excessive sound pressure from earphones or headphones can cause hearing loss.

ABOVE ALL – NEVER let anyone, especially children, push or hit the screen, push anything into holes, slots or any other openings in the case.

NEVER guess or take chances with electrical equipment of any kind – it is better to be safe than sorry.

Installation and important information

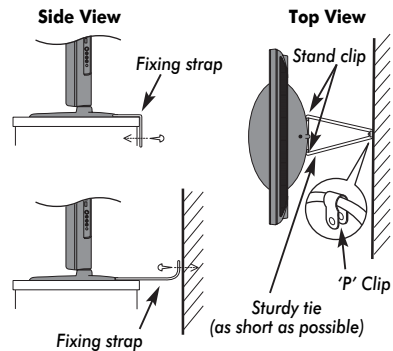
Where to install

Locate the television away from direct sunlight and strong lights, soft, indirect lighting is recommended for comfortable viewing. Use curtains or blinds to prevent direct sunlight falling on the screen.

Place the TV on a stable, level surface that can support the weight of the TV. **In order to maintain stability and prevent it falling over, secure the TV to the level surface using the strap located under the table top stand, or to a wall using a sturdy tie to the clip on the back of the table top stand.**

The LCD display panels are manufactured using an extremely high level of precision technology, however sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.

Make sure the television is located in a position where it cannot be pushed or hit by objects, as pressure will break or damage the screen, and that small items cannot be inserted into slots or openings in the case.



Cleaning the screen and cabinet...

Turn off the power, clean the screen and cabinet with a soft, dry cloth. We recommend that you **do not** use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.

Please take note

If stationary images generated by 4:3 broadcasts, text services, channel identification logos, computer displays, video games, on-screen menus, etc. are left on the television screen for any length of time they could become conspicuous, it is always advisable to reduce both the brightness and contrast settings.

Very long, continuous use of the 4:3 picture on a 16:9 screen may result in some retention of the image at the 4:3 outlines, this is not a defect of the LCD TV and is not covered under the manufacturers warranty. Regular use of other size modes (eg: Superlive) and varying the "side panel" brightness (if available on the model) will prevent permanent retention.

EXCLUSION CLAUSE

Toshiba shall under no circumstances be liable for loss and/or damage to the product caused by:

- i) fire;
- ii) earthquake;
- iii) accidental damage;
- iv) intentional misuse of the product;
- v) use of the product in improper conditions;
- vi) loss and/or damage caused to the product whilst in the possession of a third party;
- vii) any damage or loss caused as a result of the owner's failure and/or neglect to follow the instructions set out in the owner's manual;
- viii) any loss or damage caused directly as a result of misuse or malfunction of the product when used simultaneously with associated equipment;

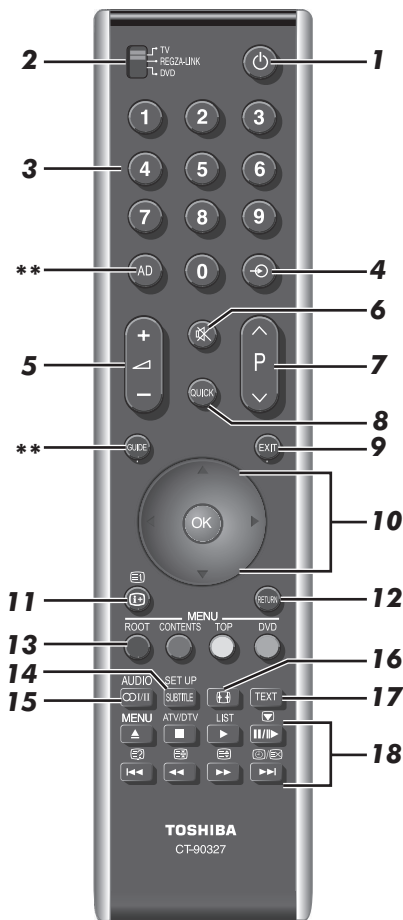
Furthermore, under no circumstances shall Toshiba be liable for any consequential loss and/or damage including but not limited to the following, loss of profit, interruption of business, the loss of recorded data whether caused during normal operation or misuse of the product.

NOTE: A Toshiba wall bracket or stand, where available, must be used.

The remote control

For RV6**P Series

Simple at-a-glance reference of your remote control.



- 7 To change programme positions (T)
To change text pages (T)
- 8 To access Quick Menu (T)
- 9 To exit Menus (T)
- 10 When using menus, the arrows move the cursor on the screen up, down, left or right. Press **OK** to confirm your selection (T/D)
- 11 To display on-screen information (T/D)
To access index page in Text mode (T)
- 12 To return to previous Menu (T/D)
- 13 **Colour buttons** Text control buttons (T)
TOP To access Top Menu (D)
DVD DVD Menus (D)
• **ROOT** and **CONTENTS** are not used for this model.
- 14 **SUBTITLE TEXT** Subtitle pages if available (T)
SET UP To access Setup menu (D)
- 15 **CD/I/II** Stereo/bilingual transmissions (T)
AUDIO To change Audio setting (D)
- 16 Widescreen viewing
- 17 To call up text services (T)
- 18 **When in TV mode:**
MENU On-screen Menus
▼ Picture still
⌚/EX Time display
When in Text mode:
⌚ To reveal concealed text
⌚ To hold a wanted page
⌚ To enlarge text display size
⌚/EX To select a page whilst viewing a normal picture
When in DVD mode:
press **▲** to EJECT
press **■** to STOP
press **▶** to PLAY
press **⏸** to PAUSE/STEP
press **⏮** to SKIP-REWIND
press **⏪** to REWIND
press **⏩** to FAST FORWARD
press **⏭** to SKIP-FORWARD
• **ATV/DTV** and **LIST** are not used for this model.

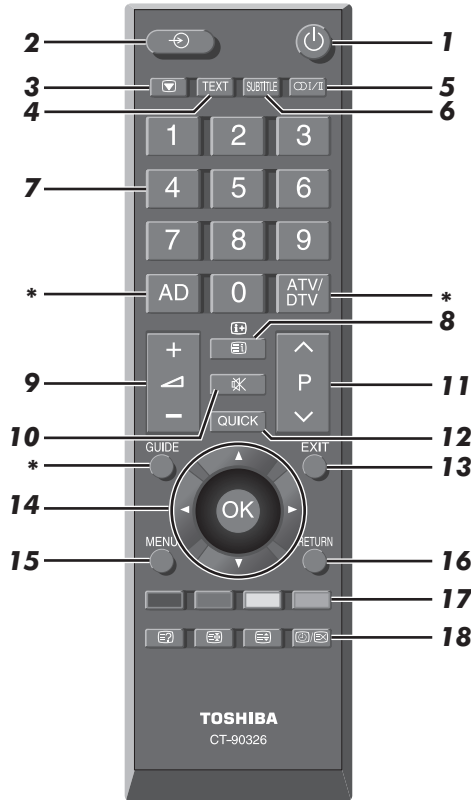
* T=TV mode, D=DVD mode
** These buttons cannot be used.

- 1 For On/Standby mode (T/D)*
- 2 To select device mode (T/D)
• **REGZA-LINK** is not used for this model.
- 3 Number buttons (T/D)
- 4 To select external input sources (T)
To select line input (D)
- 5 To alter the TV volume
- 6 To mute the TV sound

The remote control

For AV6**P and LV6**P Series

Simple at-a-glance reference of your remote control.



- 10 To mute the TV sound
- 11 In TV mode: To change programme positions
In Text mode: To change text pages
- 12 To access Quick Menu (T)
- 13 To exit menus
- 14 When using menus, the arrows move the cursor on the screen up, down, left or right. Press **OK** to confirm your selection

- 15 To display the on-screen menu
- 16 To return to the previous menu
- 17 Text control buttons

18 When in Text mode:

- To reveal concealed text
- To hold a wanted page
- To enlarge text display size
- To select a page whilst viewing a normal picture

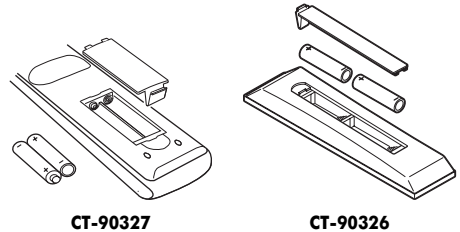
When in TV mode:

- Time display

* These buttons cannot be used.

- 1 For On/Standby mode
- 2 To select external input sources
- 3 Picture still
- 4 To call up text services
- 5 Stereo/bilingual transmissions
- 6 TEXT Subtitle pages if available
- 7 Number buttons
- 8 In TV mode: To display on-screen information
In Text mode: To access index page in Text mode
- 9 To alter the TV volume

Inserting batteries and effective range of the remote



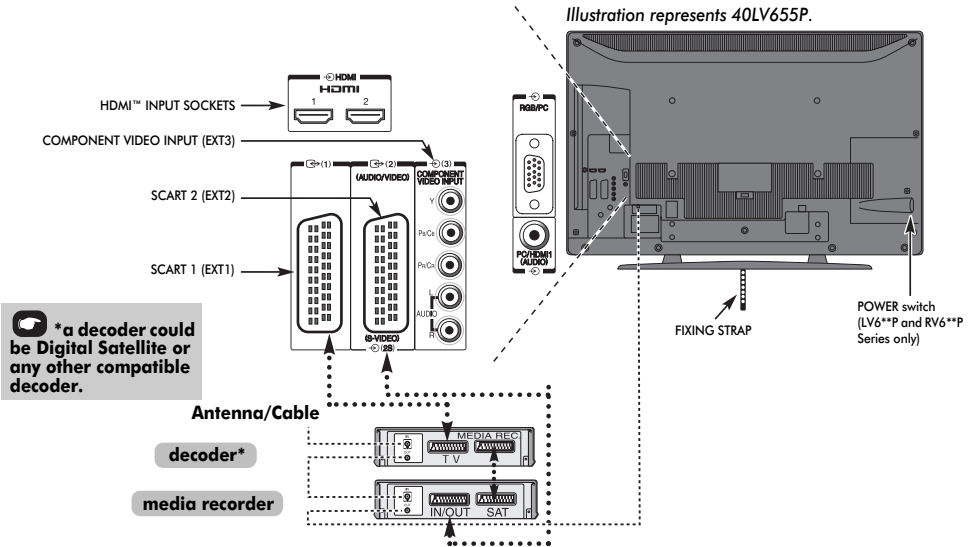
Remove the back cover to reveal the battery compartment and make sure the batteries are inserted the proper way. Suitable battery types for this remote are AAA, IEC R03 1.5V.

Do not combine a used, old battery with a new one or mix battery types. Remove dead batteries immediately to prevent acid from leaking into the battery compartment. Dispose of them in accordance with instructions on page 36 of this manual. **Warning:** batteries must not be exposed to excessive heat such as sunshine, fire or the like.

The performance of the remote control will deteriorate beyond a distance of five metres or outside an angle of 30 degrees from the centre of the television. If the operating range becomes reduced, the batteries may need replacing.

Connecting external equipment

Before connecting any external equipment, turn off all main power switches. If there is no switch remove the mains plug from the wall socket.



Aerial cables:

Connect the aerial to the socket on the rear of the television. If you use a decoder* and/or a media recorder it is essential that the aerial cable is connected through the decoder and/or through the media recorder to the television.

SCART leads:

Connect the media recorder **IN/OUT** socket to the television. Connect the decoder **TV** socket to the television. Connect the media recorder **SAT** socket to the decoder **MEDIA REC.** socket.

Before running **Auto tuning**, put your decoder and media recorder to **Standby**.

The phono sockets alongside the COMPONENT VIDEO INPUT sockets will accept L and R audio signals.

HDMI™ (High-Definition Multimedia Interface) is for use with a DVD decoder or electrical equipment with digital audio and video output.

For acceptable video or PC signal formats through the HDMI terminals, see page 38.

NOTE:

- The SCART socket does not output video/audio signals in Photo Viewer mode.
- Although this television is able to connect to HDMI equipment it is possible that some equipment may not operate correctly.

A wide variety of external equipment can be connected to the back of the television; therefore, the relevant owners manuals for all additional equipment must be referred to for exact instructions.

We recommend SCART 1 for a decoder and SCART 2 for a media recorder.

If the television automatically switches over to monitor external equipment, return to normal television by pressing the desired programme position button. To recall external equipment, press **⏮** to select between **EXT1**, **EXT2**, **EXT3**, **EXT4**, **HDMI1**, **HDMI2**, **HDMI3** or **PC**.

HDMI HDMI, the HDMI logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

Connecting an HDMI™ or DVI device to the HDMI input

The HDMI input on your television receives digital audio and uncompressed digital video from an HDMI source device, or uncompressed digital video from a DVI (Digital Visual Interface) source device.

This input is designed to accept HDCP (High-Bandwidth Digital-Content Protection) programme material in digital form from EIA/CEA-861-D-compliant^[1] consumer electronic devices (such as a set-top box or DVD player with HDMI or DVI output). For acceptable video signal formats, see page 38.

NOTE: Supported Audio format: Linear PCM, sampling rate 32/44.1/48kHz.

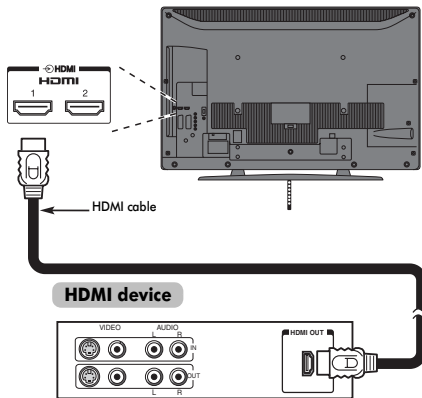
To connect an HDMI device


Connect an HDMI cable (type A connector) to the HDMI terminal.

For proper operation, it is recommended that you use an HDMI cable with the HDMI Logo (HDMI).

- If your HDMI connection is capable of 1080p and/or your television is capable of refresh rates greater than 50Hz, you will need a Category 2 cable. Conventional HDMI/DVI cable may not work properly with this mode.
- HDMI cable transfers both video and audio. Separate analogue audio cables are not required (see illustration).
- See "HDMI1 Audio" on page 31.

The HDMI 3 terminal is located on the side of the television.

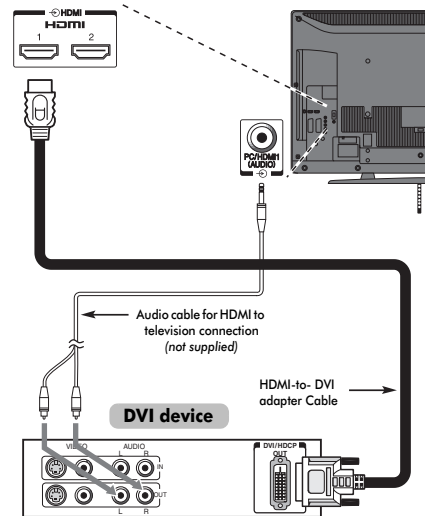


To view the HDMI device video, press the  button to select **HDMI1**, **HDMI2** or **HDMI3** mode.

To connect a DVI device

Connect an HDMI-to-DVI adapter cable (HDMI type A connector) to the HDMI 1 terminal and audio cables to the PC/HDMI1 (AUDIO) socket (see illustration).

- The recommended HDMI-to-DVI adapter cable length is 2m (6.6 ft).
- An HDMI-to-DVI adapter cable transfers video only. Separate analogue audio cables are required.
- See "HDMI1 Audio" on page 31.



NOTE:

To ensure that the HDMI or DVI device is reset properly, it is recommended that you follow these procedures:

- When turning on your electronic components, turn on the television first, and then the HDMI or DVI device.
- When turning off your electronic components, turn off the HDMI or DVI device first, and then the television.

[1] EIA/CEA-861-D compliance covers the transmission of uncompressed digital video with high-bandwidth digital content protection, which is being standardized for reception of high-definition video signals. Because this is an evolving technology, it is possible that some devices may not operate properly with the television. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

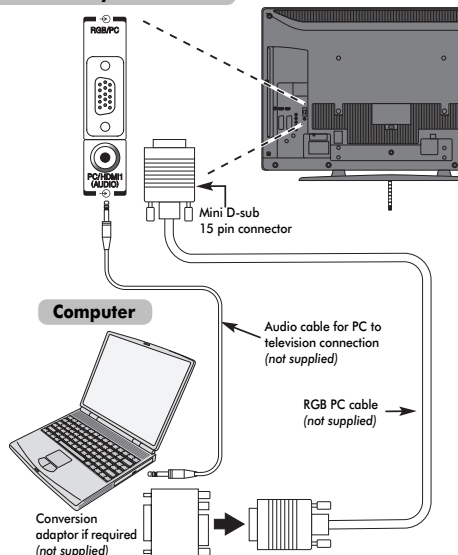
Connecting a computer

With either an RGB/PC or an HDMI connection, you can watch your computer's display on the television and hear the sound from the television's speakers.

To connect a PC to the RGB/PC terminal

When connecting a PC to the RGB/PC terminal on the television, use an analogue RGB (15-pin) computer cable and a PC audio cable for the PC/HDMI1 (AUDIO) socket. Select PC from the **PC/HDMI1 audio** options in the **AV connection** menu located in the **SET UP** menu.

the back of your television



To use a PC, set the monitor output resolution on the PC before connecting it to the television. For acceptable PC signal formats, see page 37.

To display the optimum picture, use the PC setting feature (see page 29).

NOTE:

- The PC audio input terminal on the television is shared with the HDMI 1 analogue audio input terminal (see page 30).
- Some PC models cannot be connected to this television.
- An adapter is not needed for computers with a compatible mini D-sub 15-pin terminal.
- Depending on the DVD's title and the specifications of the PC on which you are playing the DVD-Video, some scenes may be skipped or you may not be able to pause during multi-angle scenes.
- A band may appear at the edges of the screen or parts of the picture may be obscured. This is due to scaling of the picture by the set, it is not a malfunction.

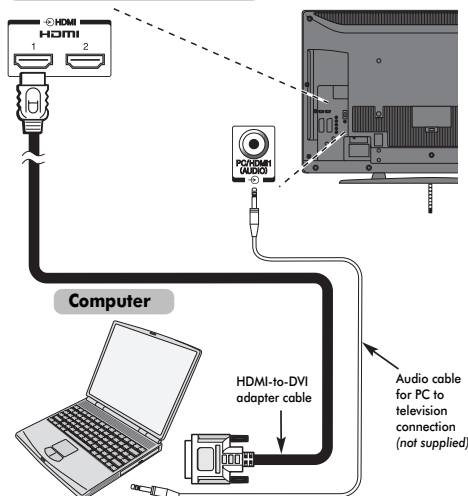
- When PC input mode is selected some of the television's features will be unavailable e.g. **Manual Setting** in the **SET UP** menu, **Colour**, **Tint**, **Sharpness** and **Black/White Level** in the **PICTURE** menu.
- If connecting a certain PC model with a unique PC signal, the PC signal may not be detected correctly.

To connect a PC to the HDMI terminal

When connecting a PC to the HDMI terminal on the television, use an HDMI-to-DVI adapter cable and an analogue audio cable.

If connecting a PC with an HDMI terminal, use an HDMI cable (type A connector). A separate analogue audio cable is not necessary (see page 9).

the back of your television



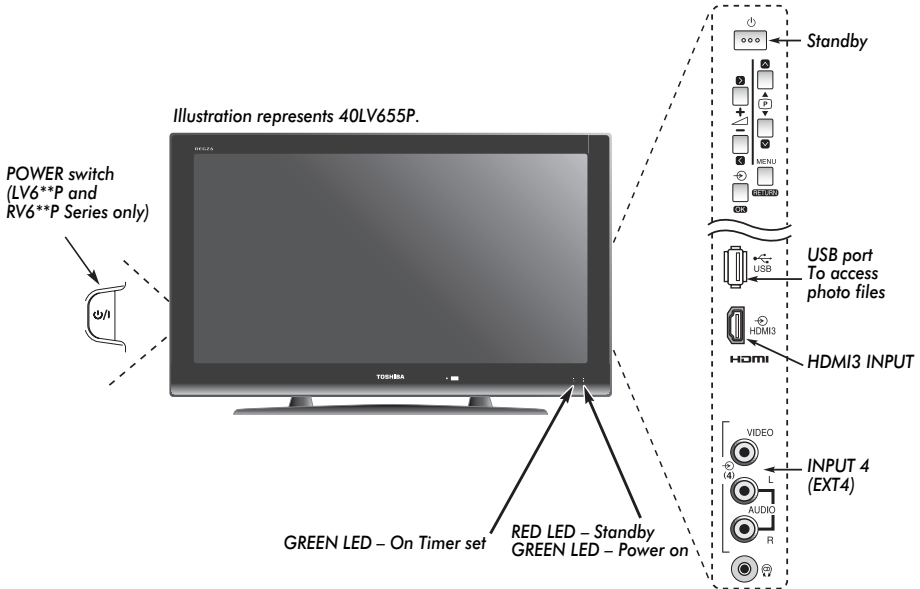
For acceptable PC and video signal formats, see page 38.

NOTE:

- The edges of the images may be hidden.
- If connecting a certain PC model with a unique PC signal, the PC signal may not be detected correctly.

Controls and input connections

A wide variety of external equipment can be connected to the input sockets on the side of the television. Whilst all the necessary adjustments and controls for the television are made using the remote control, the buttons on the television may be used for some functions.



Switching on

If the RED LED is unlit, check that the mains plug is connected to the power supply. Then press the \odot/I (POWER) button on the left side of the television to switch the television on*. If the picture does not appear, press \odot on the remote control, it may take a few moments. The GREEN LED will be lit.

To put the television into Standby, press \odot on the remote control. To view the television, press \odot again. The picture may take a few seconds to appear.

* LV6**P and RV6**P Series only

Using the remote control

Press **MENU** on the remote control to see the menus.

The menu appears as a list of five topics. As each symbol is selected by pressing \blacktriangleleft or \blacktriangleright on the navigation ring on the remote control, its respective options will appear below.

To use the options, press \blacktriangle and \blacktriangledown on the remote control to move up and down through them and OK , and then, press \blacktriangleleft or \blacktriangleright to select the required choice. Follow the on-screen instructions. The functions of each menu are described in detail throughout the manual.

Using the controls and connections

To alter the volume press $-$ \triangleleft $+$.

To alter the programme position press \blacktriangledown P \blacktriangle .

Press **MENU** and \blacktriangleleft , \blacktriangleright , \blacktriangle or \blacktriangledown to control the sound and picture options.

Press **MENU** to finish.

To select an external input, press \odot until the appropriate input source is selected as described on page 30.

Please always refer to the owner's manual of the equipment to be connected for full details.

NOTE: Interactive video games that involve shooting a "gun" type of joystick at an on-screen target may not work with this TV.

Startup Application

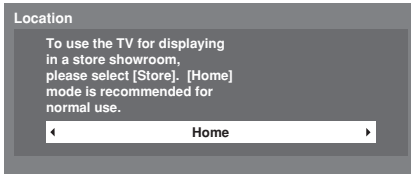
Before switching on the television, put your decoder and media recorder, if applicable, to **Standby**. To set up the television, use the buttons on the remote control as detailed on page 6 (RV6**P Series) or page 7 (LV6**P and AV6**P Series).

Quick Setup

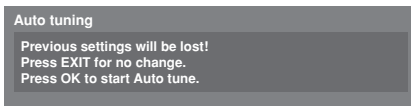
- 1 Press the button. The **Quick Setup** screen will appear. This screen will appear the first time that the television is switched on and each time **Reset TV** is selected.



- 2 Highlight **Language** and press or to select the menu language.
- 3 Press to highlight **Country** and or to select.
- 4 Press , the **Location** screen will appear.



- 5 Press or to select **Home** or **Store**. For normal home use, select **Home**.
- 6 Press , the **Auto tuning** start up screen will appear.



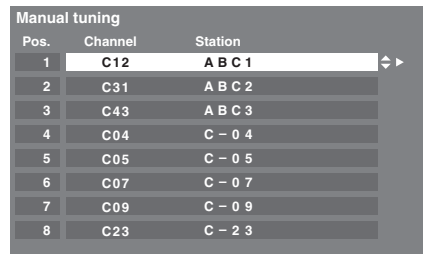
- 7 Press to start **Auto tuning**.



The search will begin for all available stations. The slide bar will move along the line as the search progresses.

You must allow the television to complete the search.

When the search is complete the television will automatically select position one. Confirm the result on the **Manual tuning** screen.



- 8 Press **EXIT**.

You can also tune in the stations manually using the **Manual tuning**. For details, see page 13.

PLEASE NOTE

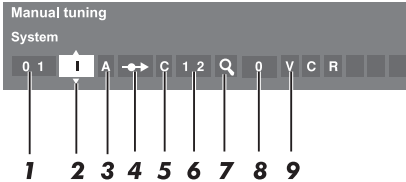
The **Reset TV** menu can also be accessed at any time from the **SET UP** menu.

Manual Tuning

Tuning

The television can be tuned-in manually using **Manual tuning**. For example: if the television cannot be connected to a media recorder/decoder with a SCART lead or when you want to tune-in a station on another **System**.

Use ◀ and ▶ to move across the screen and select any of the **Manual tuning** options. Then use ▲ or ▼ to adjust the settings.



1 Position:

The number to be pressed on the remote control to tune the channel.

2 System:

Specific to certain areas.

3 Colour system:

Factory set to Auto, should only be changed if problems are experienced, i.e. NTSC input from external source.

4 Skip:

↻ means nothing has been saved or the facility to skip the channel is ON. See page 14.

5 Signal Class:

The channel classification.

6 Channel:

The channel classification and the channel number on which a station is being broadcast.

7 Search:

Search up and down for a signal.

8 Manual fine tuning:

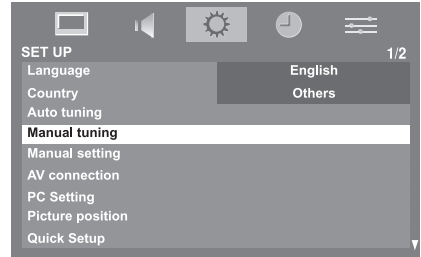
Only used if interference/weak signal is experienced. See page 34.

9 Station:

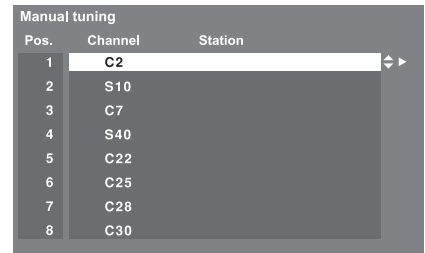
Station identification. Use the ▲ or ▼ and ◀ or ▶ buttons to enter up to seven characters.

To allocate a position on the television for a decoder and media recorder: turn the decoder on, insert a pre-recorded film in the media recorder and press PLAY, then manually tune.

- 1 Press **MENU** and using ◀ or ▶ select the **SET UP** menu. With ▼ highlight **Manual tuning** and press **OK** to select.



- 2 Use ▲ or ▼ to highlight the position required e.g. we suggest **Pos. 0** for a media recorder.



Different **Channel** numbers may be displayed.

- 3 Press **OK** to select. If the channel is set to skip, **Skip** must be removed before storing. See page 14.
- 4 Press ▶ to select **System** and use ▲ or ▼ to change if required.



- 5 Then press ▶ to select **Search**.
- 6 Press ▲ or ▼ to begin the search. The search symbol will flash.



7 Each signal will show on the television, if it is not your media recorder, press ▲ or ▼ again to restart the search.

8 When your media recorder signal is found, press ► to move along to **Station**. With ▲, ▼, ◀ and ▶ put in the required characters, e.g. **VCR**.



9 Press **OK** to save.

10 Repeat for each **Position** you want to tune or, press **MENU** to return to the list of channels and select the next number to tune.

11 Press **EXIT** when you have finished.

12 To name external equipment, e.g. DVD on EXT2, press ⏻ to select ⏻2, then select **Manual setting** from the **SET UP** menu.

13 Press ► to select **Label** then using ▲, ▼, ◀ and ▶ put in the required characters.



PLEASE NOTE

This television has direct channel entry if the channel numbers are known.

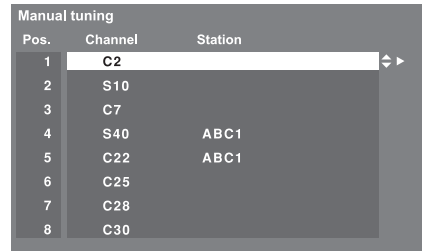
Select the **Manual tuning** screen in **Step 3**. Enter the **Position number**, the **System**, then **C** for standard (terrestrial) channels or **S** for cable channels and the **Channel** number. Press **OK** to save.

Skip

To prevent certain channels from being viewed, positions can be skipped. The remote control must be removed as the channels will still be available using the number buttons. Channels can then be watched as normal using the controls on the television, but the television will not show the skipped channel positions.

1 Select **Manual tuning** from the **SET UP** menu.

2 Use ▲ or ▼ to highlight the position to be skipped and press **OK** to select.



3 Press ► to select **Skip**.

4 Use ▲ or ▼ to turn **Skip** on. Press **OK**.

👁️ on the screen indicates a skipped position.



5 Press **MENU** and repeat from **Step 2** or press **EXIT**.

Each position has to be *individually* selected. To turn **Skip** off, repeat the procedure for each position.

Skipped positions **cannot** be selected by **P▲** and **P▼** or by the controls on the television, but **can** still be accessed by the number buttons on the remote control.

Sorting Positions

Channels may be moved and saved to the position of your choice.

- 1 Select **Manual tuning** from the **SET UP** menu.
- 2 With the list of channels now showing use ▲ or ▼ to highlight the channel you want to move and press ►.

The selected channel will be moved to the right of the screen.

Manual tuning		
Pos.	Channel	Station
1	C2	
2	S10	
3	C7	
4	S40	ABC1
5	C22	ABC1
6	C25	
7	C28	
8	C30	

- 3 Use ▲ or ▼ to move through the list to your preferred position. As you do so the other channels will move to make room.
- 4 Press ◀ to save your move.

Repeat as necessary, then press **EXIT**.

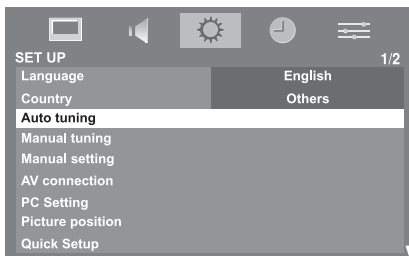
Auto Tuning

NOTE: As new services are broadcast it will be necessary to re-tune the television in order to view them.

Auto tuning will completely re-tune the television and can be used to update the channel list.

It is recommended that Auto tuning is run periodically to ensure that all new services are added. All current channels and settings will be lost.

- 1 Press **MENU** and use ◀ or ▶ to select **SET UP** menu. Use ▼ to highlight **Auto tuning**. Press (OK).



- 2 A screen will appear warning that previous programmes and settings will be deleted.

Auto tuning
Previous settings will be lost !
Press EXIT for no change.
Press OK to start Auto tune.

Press (OK) to continue with the **Auto tuning**.

The television will start to search for all available services.

You must allow the television to complete the search.

When the search is complete the television will automatically select position one. Confirm the result on the **Manual tuning** screen.

- 3 Press **EXIT**.

Other feature

Location Setting

You can select either **Home** or **Store** mode. **Home** is recommended for normal home use. Select **Store** when using a television for displaying in a shop, etc.

- 1 Select **Location** from the **SET UP** menu.
- 2 Press ◀ or ▶ to select **Home** or **Store**.

General controls

Selecting Positions

To select a position, use the numbered buttons on the remote control.

Positions can also be selected using **P** and **P**.

To display on-screen information i.e. position, input mode or stereo/mono signal, press **[+]**. Press again to cancel.

Channel List

You can select a channel from **Channel List**.

- 1 Press **QUICK** to open the **Quick Menu**.
- 2 Press **▲** or **▼** to select **Channel List** and press **[OK]**.

Channel List	
1	ABC1
2	ABC1
3	ABC1
4	ABC1
5	C-02
6	C-04
7	C-05
8	C-07
9	C-09
10	C-25

- 3 Press **▲** or **▼** to highlight a channel and press **[OK]** to watch.

Time Display

Time display facility allows the current (text service) time to be seen on the television screen.

Press **[TIME]**/**[EXIT]** whilst watching a normal television broadcast to see a time display from the broadcaster. It will remain on screen for about 5 seconds.

NOTE: This display may not be available in some cases.

Stereo and Bilingual Transmissions

If stereo or dual language broadcasts are transmitted, the word **Stereo** or **Dual** will appear on the screen each time positions are changed, disappearing after a few seconds. If the broadcast is not in stereo, the word **Mono** will appear.

Stereo... Press **[DUAL]** to select **Stereo** or **Mono**.

Bilingual... Bilingual transmissions are rare. If they are transmitted, the word **Dual** will be displayed. Choose the required programme number and if the word **Dual** appears press **[DUAL]** to select **Dual 1**, **Dual 2** or **Mono**.

Quick Menu

Quick Menu helps you access some options quickly, such as **Picture Mode**, **Picture Size**, **Sleep timer** etc.

Press **QUICK** to display the **Quick Menu** and use **▲** or **▼** to select the option.

Quick Menu	
Picture Mode	Standard
Picture Size	Super live
Channel List	
Sleep timer	00:00
Media Player	
Bass Boost	On



NOTE: **Quick Menu** items are different depending on the current mode.

Mode	Quick menu item	Description
When viewing a TV programme or pictures from the external input	Picture Mode	See page 20.
	Picture Size	See page 18.
	Channel List	See left column.
	Sleep timer	See page 27.
	Media Player	See page 25.
	Bass Boost	See page 17.
When using Media Player	Interval Time	See page 26.
	Repeat	See page 26.


Sound controls

Volume Controls and Mute Sound

Volume






Press  or  to adjust the volume.

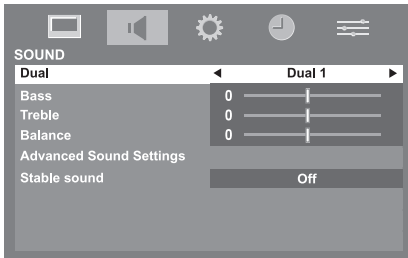
Sound Mute

Press  once to turn the sound off and again to cancel.




Dual

If a programme or film is being broadcast with a soundtrack in more than one language, the **Dual** feature allows selection between them.

- 1 Press **MENU** and  or  to select **SOUND**.
- 2 Use  to highlight **Dual** then press  or  to choose between **Dual 1** or **Dual 2**.








Bass, Treble and Balance

- 1 Select the **SOUND** menu.
- 2 Press  to highlight **Bass**, **Treble** or **Balance** and  or  to change the setting.

Advanced Sound Settings

Voice Enhancement makes vocal sound clearer; for example, singers or announcers.

Bass Boost enhances the depth of the sound.




- 1 In the **SOUND** menu, press  to highlight **Advanced Sound Settings** then press .
- 2 Press  to highlight **Voice Enhancement** then press  or  to select **On** or **Off**.



- 3 Press  to highlight **Bass Boost** and using  or  to select **On** or **Off**.

Stable Sound®

The **Stable sound** feature limits high volume levels on the TV speakers preventing the extreme changes in volume that can occur when channels are changed or a programme switches to a commercial.

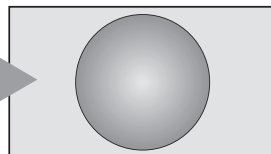
- 1 Select the **SOUND** menu.
- 2 Use  to highlight **Stable sound** then press  or  to select **On** or **Off**.

Widescreen viewing

Depending on the type of broadcast being transmitted, programmes can be viewed in a number of formats.

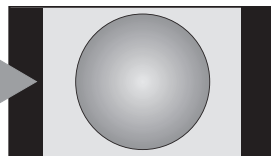
WIDE

Use this setting when watching a widescreen DVD, widescreen video tape or a 16:9 broadcast (when available). Due to the range of widescreen formats (16:9, 14:9, 20:9 etc.) black bars may be visible on the top and bottom of the screen.

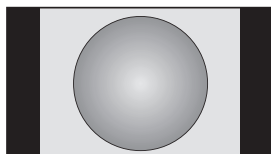


4:3

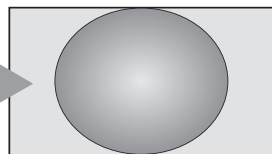
Use this setting to view a true 4:3 broadcast.



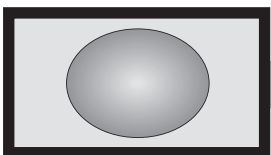
SUPER LIVE



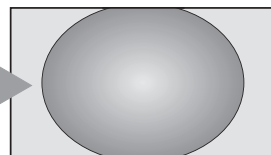
This setting will enlarge a 4:3 image to fit the screen by stretching the image horizontally and vertically, holding better proportions at the centre of the image. Some distortion may occur.



CINEMA

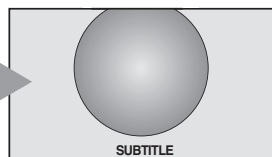


When watching 'all sides panel format' films/video tapes, this setting will eliminate or reduce the black bars at all sides of the screen by zooming in and selecting the image without distortion.



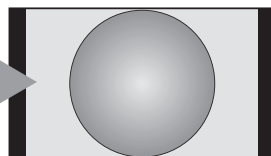
SUBTITLE

When subtitles are included on a letterbox format broadcast, this setting will raise the picture to ensure that all the text is displayed.



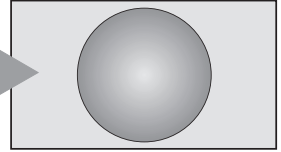
14:9

Use this setting when watching a 14:9 broadcast.

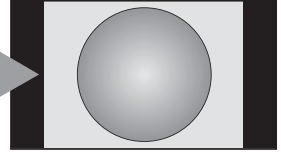


NATIVE

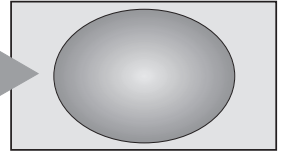
This setting will show the picture without over scan, i.e. WYSIWYG. This option is only available in the HDMI input mode.

**PC NORMAL**

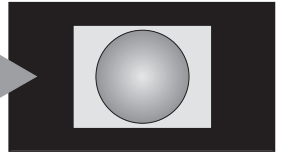
This setting will show the picture without over scan, i.e. WYSIWYG. This option is only available when watching PC signal source via HDMI or PC terminal.

**PC WIDE**

This setting will show the picture without over scan and side panel. This option is only available when watching PC signal source via HDMI or PC terminal.

**Dot by Dot**

"Dot by Dot" is a non-scaling display. Depending on the input signal format, the picture is displayed with side panels and/or bars at the top and bottom (i.e. VGA input source).



Press **QUICK** and highlight **Picture Size**, then press **OK** to display the list of available widescreen formats.

Use **▲** and **▼** to highlight the required format and **OK** to select.

- When a format is not available, it will be grayed out.

AV format**PC format**

Using the special functions to change the size of the displayed image (i.e. changing the height/width ratio) for the purposes of public display or commercial gain may infringe on copyright laws.

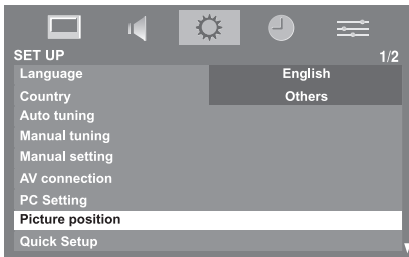
Picture controls

PLEASE NOTE: features not available will be greyed out.

Picture Position

The picture position may be adjusted to suit personal preference and can be particularly useful for external inputs.

- 1 In the **SET UP** menu press ▼ until **Picture position** is highlighted.



- 2 Press **OK** to view the options available for the picture format that has been selected.
- 3 Press ▲ and ▼ to select an option, then ◀ or ▶ to adjust the settings.

The options alter depending on currently selected widescreen format and the input signal.

In Cinema:



To return to the original factory settings select **Reset** in the **Picture position** menu and press **OK**.

Picture Mode

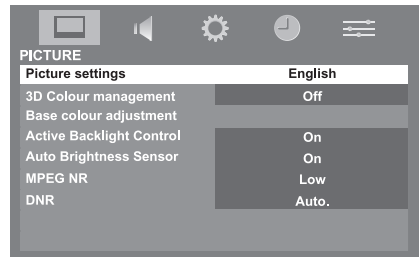
This television offers the choice of personalising the picture style.

AutoView*, **Dynamic**, **Standard**, **Mild**, **Movie**, **Game** and **PC** are preset options and affect many features/settings within the television.

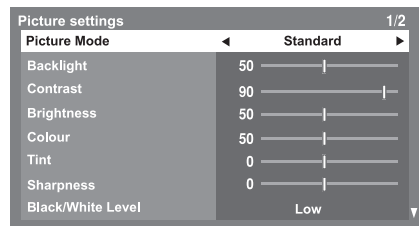
NOTE:

- Because the **AutoView** mode automatically adjusts picture settings based on ambient light conditions and input signal content, the **Auto Brightness Sensor** menu is greyed out when it is selected*.
- **Game** mode is available in external input mode (other than aerial input). When you select **Game** mode, suitable widescreen formats will be selected.
- **PC** mode is available in RGB/PC input mode or HDMI input mode.

- 1 In the **PICTURE** menu press ▼ to select **Picture settings**, then press **OK**.



- 2 Using ▼ to highlight **Picture Mode**, then press ◀ or ▶ to select your preference from **AutoView***, **Dynamic**, **Standard**, **Mild**, **Movie**, **Game** or **PC**.



NOTE: The picture mode you select affects the current input only. You can select a different picture mode for each input.

* LV6**P and RV6**P Series only

Picture Preferences

You can customise current picture mode settings as desired. For example, while selecting "Dynamic," if you change the following items, such as **Backlight, Contrast, Brightness, Colour, Tint, Sharpness** and the **Picture settings** items, your new setting is saved as the same name "Dynamic."

- 1 In the **Picture Settings** menu press ▼ to select either **Backlight, Contrast, Brightness, Colour, Tint** or **Sharpness**.
- 2 Press ◀ or ▶ to adjust the settings.

Black/White Level

Black/White Level increases the strength of dark areas of the picture to improve the definition.

- 1 In the **Picture settings** menu press ▼ to select **Black/White Level**.
- 2 Press ◀ or ▶ to select **High, Middle, Low**, or **Off**. The effect depends on the broadcast and is most noticeable on dark colours.

Cinema Mode

If there are lines or jagged edges in the film or programme being viewed, selecting **Cinema mode** can help correct this by smoothing out the picture.

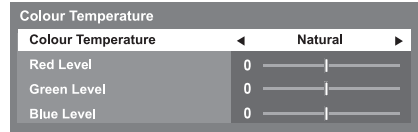
- 1 In the **Picture settings** menu press ▼ to select **Cinema mode**.
- 2 Press ◀ or ▶ to select **On** or **Off**.

NOTE: When a DVD with subtitles is being played this mode may not work correctly.

Colour Temperature

Colour Temperature increases the 'warmth' or 'coolness' of the picture by increasing the red or blue tint.

- 1 In the **Picture settings** menu press ▼ to select **Colour Temperature** and press OK.
- 2 Press ▼ to select **Colour Temperature** and press OK.
- 3 Press ▼ to select **Colour Temperature** and press ◀ or ▶ to select between **Warm, Natural** or **Cool** to suit your preference.



- 4 Press ▲ or ▼ to select an option you want to adjust, then press ◀ or ▶ to adjust the settings.
- 5 Press **EXIT** to return to the previous menu.

NOTE: If **Picture Mode** is set to **AutoView**, you can adjust **Colour Temperature** only*.

* LV6**P and RV6**P Series only

Resetting the Picture Settings

This feature enables to reset the current **Picture settings** to the default values.

- 1 In the **Picture settings** menu press ▼ to select **Reset**.
- 2 Press **OK**.

3D Colour Management

When **3D Colour management** is set to **On** it allows the 'Base colour adjustment' feature to become available.

- 1 In the **PICTURE** menu press ▼ to select **3D Colour management**.
- 2 Press ◀ or ▶ to select **On** or **Off**, then press **OK**.

Base Colour Adjustment

The **Base colour adjustment** feature allows the adjustment of individual colours to suit personal preference. This can be useful when using an external source.

- 1 In the **PICTURE** menu press ▼ to select **Base colour adjustment**, then press **OK**.
- 2 Press ▲ or ▼ to select an option, then press ▶ to move to the adjustment window.

Base colour adjustment			
	Hue	Saturation	Brightness
■ Red	0	0	0 ▶
■ Green	0	0	0
■ Blue	0	0	0
■ Yellow	0	0	0
■ Magenta	0	0	0
■ Cyan	0	0	0
Reset			

- 3 Press ◀ or ▶ to select **Hue**, **Saturation** or **Brightness**, then press ▲ or ▼ to adjust the settings as required.

	Hue	Saturation	Brightness
■ Red	0	0	0

- 4 Press **OK** to return to the previous menu.

To return to the factory settings select **Reset** and press **OK**.

Active Backlight Control

When **Active Backlight Control** is activated, it will automatically optimise the backlighting levels for dark scenes.

- 1 In the **PICTURE** menu press ▼ to select **Active Backlight Control**.
- 2 Press ◀ or ▶ to select **On** or **Off**.

Auto Brightness Sensor*

When **Auto Brightness Sensor** is activated it will automatically optimise the backlighting levels to suit ambient light conditions.

- 1 In the **PICTURE** menu press ▼ to select **Auto Brightness Sensor**.
- 2 Press ◀ or ▶ to select **On**.

MPEG NR – Noise Reduction

When watching a DVD the compression may cause some words or picture elements to become distorted or pixelated. Using the **MPEG NR** feature reduces this effect by smoothing out the edges.

- 1 In the **PICTURE** menu press ▼ to select **MPEG NR**.
- 2 Press ◀ or ▶ to select **Low**, **Middle**, **High** or **Off** to suit your preference.

DNR – Digital Noise Reduction

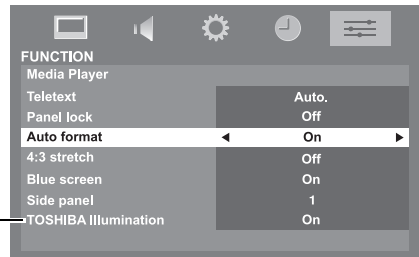
DNR enables you to 'soften' the screen representation of a weak signal to reduce the noise effect.

- 1 In the **PICTURE** menu, press ▼ to select **DNR**.
- 2 Use ◀ or ▶ to select **Low**, **Middle**, **High**, **Auto**, or **Off**. The differences may not always be noticeable (for the best result use lower settings as picture quality can be lost if the setting is too high).

Automatic Format (Widescreen)

When this television receives a true Widescreen picture and **Auto format** is **On**, it will automatically be displayed in Widescreen format irrespective of the television's previous setting.

- 1 Press **MENU** and ◀ or ▶ to select the **FUNCTION** menu.
- 2 Press ▼ to highlight **Auto format**, then ◀ or ▶ to select **On** or **Off**.



4:3 Stretch

When **4:3 stretch** is activated the size switching system changes 4:3 programmes into full screen picture.

- 1 In the **FUNCTION** menu press ▼ to highlight **4:3 stretch**.
- 2 Press ◀ or ▶ to select **On** or **Off**.

* LV6**P and RV6**P Series only

** RV6**P Series only

Blue Screen

When **Blue screen** is selected the screen will turn blue and the sound will be muted on analogue channels and external input modes when no signal is received.

- 1 In the **FUNCTION** menu press ▼ to highlight **Blue screen**.
- 2 Press ◀ or ▶ to select **On** or **Off**.

Side Panel Adjustment

The **Side panel** feature lightens or darkens the band on each side of the screen when in 4:3 or 14:9 format. This helps prevent image retention of the band and can also make viewing in bright or dark conditions more comfortable.

- 1 In the **FUNCTION** menu press ▼ to select **Side panel**.
- 2 Press ◀ or ▶ to adjust (1-3).

Picture Still

This feature is used to hold a still image on the screen.

Press ◻ to hold an image on the screen, press ◻ again to cancel.

Enjoying photo through USB port

The Photo Viewer allows you to playback JPEG files from a USB storage device.

Photo Viewer specifications

Data type: JPEG Exif ver2.2

File format: DCF ver1.1

Maximum photo size: 9 MB

Maximum number of files: 2000 / Folder

Maximum photo resolution: 16384 × 16384 pixels

PLEASE NOTE

- Gently insert the USB device into the port and do not remove while viewing Media Player.
- USB device: USB Mass Storage Class device (MSC)
- Connectivity is not guaranteed for all devices.
- Connect the USB device to the TV directly.
- Do not use a USB hub.
- You must obtain any required permission from copyright owners to use copyright content. Toshiba cannot and does not grant such permission.

Opening Photo Viewer

There are two kinds of methods to open Photo Viewer as follows:

Automatically open

- 1 Please confirm the **Auto Start** in the **Media Player** menu is set to **On**. See below.
- 2 Gently insert a supported USB storage device to the USB port on the side of the TV. The prompt will appear.

NOTE: If inserting and removing the USB connector frequently, the prompt may not appear.

- 3 Press ◀ or ▶ to select **Yes**, then press **OK**. The **Media Player** menu will appear. When you select **No**, nothing happens.

USB device was connected to TV.
Do you want to open Media Player?

◀ Yes ▶

NOTE: The prompt will disappear after about 6 sec.

Open from Menu

- 1 Press **MENU** and ◀ or ▶ to select the **FUNCTION** menu.
- 2 Press ▼ to select **Media Player** then press **OK**.
- 3 Press ▼ or ▲ to select **Photo** then press **OK**.

Media Player

Photo

Auto Start

On

- 4 Press ▼ or ▲ to select active device if the selection window appears then press **OK**. The Photo Viewer will open.

NOTE:

- The viewer will also open even if there are no photo contents at all.
- While the Photo Viewer is active, the on-screen menus cannot be displayed.
- The SCART socket does not output video/audio signals in Photo Viewer mode.

Viewing Photo Files

To View Photos



- 1 Press **▲** or **▼** to select the file name of the photo you want to view.
When you select a folder name, press **OK** to move to the next hierarchy.
To move back to the previous hierarchy, press **RETURN**.

- By pressing **P[^]** or **P^v**, you can skip to the next list.

- 2 Press **OK** to view the selected photo.

- To view the previous or next photo, press **▲** or **▼**.
- To rotate the photo, press **◀** or **▶**.

Press **i+** to display file status information (content number, photo title, shooting date and time, resolution etc.). The information will be removed by time-out (about 6 sec) or pressing **i+** again.

Slideshow

This view allows you to watch the slide show of the photos. In this view mode, the only contents it locates on the same directory shall be played.

To start Slideshow, press **OK** when viewing a photo.

Press **i+** to display file status information. The information will be removed by time-out (about 6 sec) or pressing **i+** again.

To set Interval time and Repeat setting

- 1 Press **QUICK** to open the **Quick Menu**.



- 2 Press **▲** or **▼** to select either **Interval Time** or **Repeat**.

- 3 Press **◀** or **▶** to adjust the setting and press **OK**.

To close the Photo Viewer

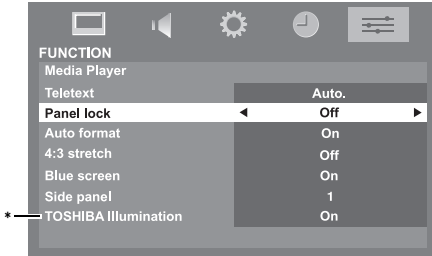
Press **EXIT**. The television will return to the last viewed channel or external input.

Other features

Panel Lock

Panel lock disables the buttons on the television. All buttons on the remote control can still be used.

From the **FUNCTION** menu select **Panel lock** and choose **On** or **Off** using ◀ or ▶.



When **Panel lock** is **On**, a reminder will appear when the buttons on the television are pressed. **If the standby button is pressed the television will switch off and can only be brought out of standby by using the remote control.**

TOSHIBA Illumination*

You can set the illumination mode of the **TOSHIBA** logo located on the front panel to **On** or **Off**.

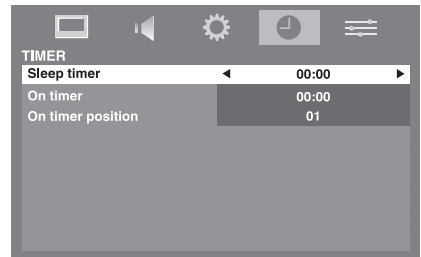
- 1 In the **FUNCTION** menu, press ▼ to select **TOSHIBA Illumination**.
- 2 Press ◀ or ▶ to select either **On** or **Off**.

Timers

Sleep Timer

The television can be set to turn itself **Off** after a certain length of time.

- 1 In the **TIMER** menu, press ▼ to select **Sleep timer**. Use the number buttons to set the required time. For example, to switch the television off in one and a half hours enter 01:30, or press ▶/◀ to increase/decrease in steps of 10 minutes.



- 2 Press **EXIT** to finish.
- To cancel the **Sleep timer**, enter zero in the above setting.

* RV6**P Series only

On Timer

The feature allows you to set the television to turn on automatically in a preset channel after a certain length of time. While **On timer** is set to **On**, the green on timer indicator on the front of the television is lit.

- 1 In the **TIMER** menu, press ▼ to select **On timer** and press **OK**.
- 2 Use the number buttons to set the required time. For example, to switch the television on in one and a half hours, enter 01:30, or press ◀/▶ to increase/decrease in steps of 10 minutes.
- 3 Press **EXIT** to finish.

On Timer Position

You can set the channel position when the TV is turned on by the **On timer position**.

- 1 In the **TIMER** menu press ▼ to select **On timer position**.
- 2 Press ◀ or ▶ to select the position.

Reset TV

Reset TV

Selecting **Reset TV** will reset all TV settings, including saved channels, to their original factory values.

- 1 In the **SET UP** menu press ▼ until **Reset TV** is highlighted.
- 2 Press **OK** to select. A screen will appear warning that all settings will be lost. Press **OK** to continue.

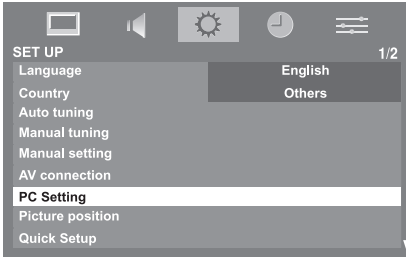
When the set powers back on, the **Quick Setup** screen will appear. Press **OK** to continue, the television will start **Auto tuning**. (See 'Quick Setup' section on page 12.)

PC Settings

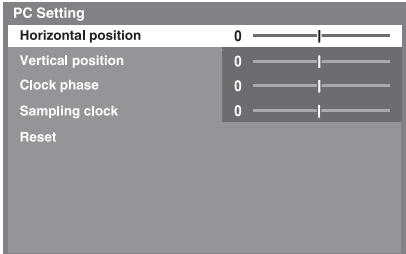
Horizontal and Vertical Position

Connect the PC (as shown in the 'Connecting a PC' section) and ensure that a picture is showing on the television screen. The picture position may now be adjusted to suit personal preference.

- 1 Press **⏪** to select **PC**, then select **PC Setting** from the **SET UP** menu.



- 2 Press **OK**. Press **▲** and **▼** to select **Horizontal position** or **Vertical position**, then **◀** or **▶** to adjust the settings.



Clock Phase

The **Clock phase** matches the PC signal with the LCD display. Adjusting this can clear horizontal stripes and picture blur.

- 1 In the **SET UP** menu press **▼** until **PC Setting** is highlighted.
- 2 Press **OK** to select, then **▼** to highlight **Clock phase**.
- 3 Use **◀** or **▶** to adjust until the picture clears.

Sampling Clock

Adjusting the **Sampling clock** alters the number of pulses per scan, this will clear vertical lines on the screen.

- 1 In the **SET UP** menu press **▼** until **PC Setting** is highlighted.
- 2 Press **OK** to select, then **▼** to highlight **Sampling clock**.
- 3 Use **◀** or **▶** to adjust until the picture clears.

Reset

To return to the original factory settings.

- 1 In the **SET UP** menu press **▼** until **PC Setting** is highlighted.
- 2 Press **OK** to select, then **▼** to highlight **Reset**.
- 3 Press **OK**.

NOTE: When a PC is connected using HDMI none of these functions will be available.


The screen is disrupted momentarily when adjusting the PC setting. This is not a sign of malfunction.

The default settings and adjustment ranges may vary depending on the input signal format.

Input selection and AV connections

See page 8 for a clear view of the back connection recommendations.

Most media recorders and decoders send a signal through the SCART lead to switch the television to the correct *Input* socket.


Alternatively press the external source selection button  until the picture from connected equipment is shown.

This button must be used to view equipment connected using the COMPONENT VIDEO INPUT (**EXT3**).

An **S** in the display e.g.  **2S (EXT 2S)**, indicates the input is set for an S-Video signal.

Input Selection

Use the *Input Selection* window if the television does not switch over automatically.

At any time by pressing  on the remote control or TV, a list will appear on screen showing all inputs and external equipment.








HDMI™ displays equipment connected to *Input HDMI* on the back or side of the television.

PC displays a computer connected to *Input RGB/PC* on the back of the television.

INPUT Signal Selection

This specifies the type of signal going into SCART 2 (**EXT 2**) on the back of the television. Please refer to the manufacturer's instructions for the connected equipment.





- 1 In the **SET UP** menu press  until **AV connection** is highlighted, then press .
- 2 Press  to select **EXT2 input** then press  or  to select either **AV** or **S-VIDEO** as the required input for **EXT2**.



If video colour is absent, try the alternative setting.

PC Audio

In order to receive sound from a connected PC, plug the audio cable into the back of the television (as shown in 'Connecting a computer' section), then use the **PC/HDMI1 audio** setting.

- 1 In the **SET UP** menu press  until **AV connection** is highlighted, then press .
- 2 Highlight **PC/HDMI1 audio** then press  or  to select **PC**.

NOTE: Selecting **PC** will force **HDMI1 audio** to **Digital**.

HDMI1 Audio

If the connected HDMI source does not support digital audio, plug the audio cable into **PC/HDMI1 (AUDIO)** on the back of the television (as shown in the 'Connecting an HDMI™ or DVI device to the HDMI input' section), then use the **HDMI1 audio** setting.

- 1 In the **AV connection** menu press ▼ to highlight **PC/HDMI1 audio** and press ◀ or ▶ to select **HDMI1**.
- 2 Highlight **HDMI1 audio** and press ◀ or ▶ to select **Auto.**, **Digital** or **Analogue**.

AV connection	
PC/HDMI1 audio	PC
HDMI1 audio ◀	Digital ▶
EXT2 input	AV

If the sound is missing or noisy, select an alternative setting.

NOTE: HDMI1 supports digital and analogue sound, HDMI2 and HDMI3 are digital sound only.

Certain DVD disc formats may not output from this TV (32/44.1/48kHz and 16/20/24 bits are acceptable).

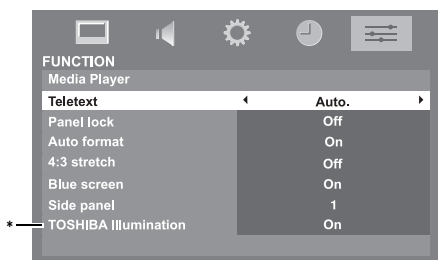
Text services

This television has a multi-page text memory, which takes a few moments to load. It offers two **Modes** of viewing text – **Auto**. will display **Fasttext**, if available. **LIST** will save your four favourite pages.

Selecting Modes

The text character set will be automatically chosen by the language setting in the **SET UP** menu.

- 1 Select **Teletext** from the **FUNCTION** menu.
- 2 With ◀ or ▶ choose **Auto**. or **LIST** then press **EXIT**.



Text Information

The **TEXT** button:

To view text services press **TEXT**. Press again to superimpose the text over a normal broadcast picture and again to return to normal viewing. Channels cannot be changed until text is cancelled.

The first text page shown will be the *initial* page.

Any text page can be accessed by entering the 3 digit page number using the numbered buttons, pressing the coloured buttons or pressing **P**^ to advance to the next page and **P**∨ to go back to the previous page.

Sub-pages

The pages on the screen will dynamically update as sub-pages are received.

If you open a page containing sub-pages, the sub-pages are automatically displayed in sequence. To quit automatic sub-page change, press ◀ or ▶.

Once selected, the sub-page you are viewing will be highlighted and, as the television loads any additional sub-pages, the colour of the numbers will change, indicating that these pages have been loaded.

These sub-pages will remain available to view until another page is chosen or, in normal TV mode, the channel is changed.

* RV6**P Series only

Navigating Pages Using Auto

If **Fasttext** is available four coloured titles will appear at the base of the screen.

To access one of the four given subjects, press the relevant coloured button on the remote control.

For further information on your particular text system(s), see the broadcast text index page or, consult your local Toshiba dealer.

Navigating Pages Using LIST

The four coloured choices at the bottom of the screen are numbers – 100, 200, 300 and 400, which have been programmed into the television's memory. To view these pages press the relevant coloured buttons.

To change these saved pages press the relevant coloured button and enter the 3 digit number. This number will change in the top left of the screen and in the coloured highlight.

Press **OK** to save. **Whenever **OK** is pressed all four page numbers showing at the bottom will be saved and the previous ones will be lost.**


If **OK** is not pressed the selection will be forgotten when the channel is changed.

Other pages may be viewed by entering the 3 digit page number – but **DO NOT** press **OK** or these pages will be saved.

Control Buttons

Below is a guide to the functions of the remote control text buttons.


To display the index/initial page:

Press  to access the index/initial page. The one displayed is dependant on the broadcaster.



TEXT To display a page of text:

Press **TEXT** to display text. Press again to superimpose text over a normal picture. Press again to return to normal television viewing. Channels cannot be changed until this has been done.


To reveal concealed text:

To discover the solutions on quiz and joke pages press the  button.



To hold a wanted page:

At times it is convenient to hold a page of text. Press  and  will appear in the top left of the screen. The page will be held on screen until the button is pressed again.

To enlarge the text display size:

Press  once to enlarge the top half of the page, press again to enlarge the bottom half of the page. Press again to revert to normal size.

/ **To select a page whilst viewing normal picture:**

Enter the page number then press / , normal picture will be displayed. The television will indicate when the page is ready by changing the colour of the page number at the top of the screen. Press **TEXT** to view the page.

To display news flashes:

Select the news flash page for the chosen text service (see the index page of text service). The news flashes will be displayed as and when they are broadcast.



Remember to cancel text before changing channels - press the TEXT button twice.

Questions and Answers

Below are the answers to some of the most common queries.
For more information go to www.toshiba.co.uk

Q Why is there no sound or picture?

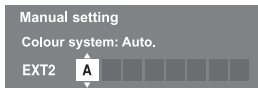
A Check the television is not in standby mode. Check the mains plug and all mains connections.

Q There is a picture, but why is there little or no colour?

A When using an **external** source, for instance, a poor quality video tape, if there is little or no colour, improvements may sometimes be achieved. The colour is factory set to **Auto.** to automatically display the best colour system.

To check that you have the best colour:

1 With the external source playing, select **Manual setting** from the **SET UP** menu.



2 With **▲** or **▼** choose between **Auto.**, **PAL**, **SECAM**, **NTSC4.43** or **NTSC3.58**.

Q Why doesn't the video/DVD being played show on screen?

A Make sure the media recorder or DVD player is connected to the television as shown on page 8, then select the correct input by pressing **↻**.

Q Why is there a picture but no sound?

A Check all lead connections.
No sound or unacceptable format sound may be received.
Check the volume has not been turned down or that sound mute has not been selected.

Q Why is the VCR/DVD picture in black and white?

A Check that the correct input setting, **S-VIDEO** or **AV**, has been selected for **EXT2** in the **AV connection** menu.

Q What else can cause a poor picture?

A Interference or a weak signal. Try a different television station. **Manual fine tuning** may help.

1 Select the **Manual tuning** menu. Highlight the station and press **OK**, then press **▶** to select **Manual fine tuning**.

2 Using **▲** or **▼** adjust to get the best picture and sound. Press **OK** and then **EXIT**.



Q Why don't the controls of the television work?

A Check that **Panel lock** is not **On**.

Q Why doesn't the remote control work?

A Check that the mode switch on the remote control is in TV mode*.
Check that the batteries aren't dead or inserted incorrectly.

Q Why are there vertical stripes on the screen when in PC mode?

A The **Sampling clock** may need adjustment. Select **PC Setting** from the **SET UP** menu, highlight **Sampling clock** and adjust until the lines clear.

* RV6**P Series only

Q Why are there horizontal stripes and/or blurred images on the screen when in PC mode?

A The **Clock phase** may need adjustment. Select **PC Setting** from the **SET UP** menu, highlight **Clock phase** and adjust until the picture clears.

Q Why are there problems with text?

A Good performance of text depends on a good strong broadcast signal. This normally requires a roof or loft aerial. If the text is unreadable or garbled, check the aerial. Go to the *main index* page of the text service and look for the *User Guide*. This will explain the basic operation of text in some detail. If further information is needed on how to use text see the *text section*.

Q Why is a page number visible at the top of the screen but no text?

A Text has been selected but Teletext information is currently unavailable on the current source.

Q Why are the colours wrong when an NTSC source is played?

A Connect the source via a SCART lead and play. Select **Manual setting** from the **SET UP** menu.

1 Set the Colour to **Auto**, and exit.

2 Go to the **PICTURE** menu and adjust the tint.

Q Why don't the devices connected via HDMI operate properly?

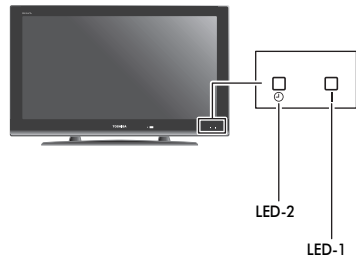
A Make sure to use cables with the HDMI logo **HDMI** (see page 9).

Some early HDMI equipment may not work properly with the latest HDMI TV products, due to new standard adoption.

Q What do the LEDs on the front of the television indicate?

A Check the table below.

LED indication		Condition	Solution
LED-2	LED-1		
Green (Solid)	Green (Solid)	Power ON On Timer is set	-
OFF	Green (Solid)	Power ON On Timer is NOT set	-
Green (Solid)	Red (Solid)	Power OFF (Standby) On Timer is set	-
OFF	Red (Solid)	Power OFF (Standby) On Timer is NOT set	-
OFF	Red (Blinks)	Power protect detection.	Turn OFF the TV and unplug the power cord. Plug the power cord in again and turn ON the TV.



Notes

For your own records

Cleaning the screen and cabinet...

Turn off the power, clean the screen and cabinet with a soft, dry cloth. We recommend that you **do not** use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.

Disposal...

The following information is only for EU-member states:

Disposal of products

The crossed out wheeled dust bin symbol indicates that products must be collected and disposed of separately from household waste. Integrated batteries and accumulators can be disposed of with the product. They will be separated at the recycling centres.

The black bar indicates that the product was placed on the market after August 13, 2005.

By participating in separate collection of products and batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.

For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased the product.

Disposal of batteries and/or accumulators

The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste.

If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol.

By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health.

For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased the product.



Hg Cd Pb

Information

Before connecting any external equipment, turn off all main power switches. If there is no switch, remove the mains plug from the wall socket.

Signal information for Mini D-sub 15 pin connector

Pin No.	Signal name	Pin No.	Signal name	Pin No.	Signal name
1	R	6	Ground	11	NC
2	G	7	Ground	12	NC
3	B	8	Ground	13	H-sync
4	NC*	9	NC	14	V-sync
5	NC	10	Ground	15	NC

* NC = not connected

Acceptable PC signals through the PC terminal

Format	Resolution	V. Frequency	H. Frequency	Pixel Clock Frequency
VGA	640 × 480	59.940Hz	31.469kHz	25.175MHz
		72.809Hz	37.861kHz	31.500MHz
		75.000Hz	37.500kHz	31.500MHz
SVGA	800 × 600	56.250Hz	35.156kHz	36.000MHz
		60.317Hz	37.879kHz	40.000MHz
		72.188Hz	48.077kHz	50.000MHz
XGA	1024 × 768	75.000Hz	46.875kHz	49.500MHz
		60.004Hz	48.363kHz	65.000MHz
		70.069Hz	56.476kHz	75.000MHz
WXGA	1280 × 768	75.029Hz	60.023kHz	78.750MHz
		59.995Hz	47.396kHz	68.250MHz
		59.870Hz	47.776kHz	79.500MHz
SXGA	1360 × 768	74.893Hz	60.289kHz	102.250MHz
		60.015Hz	47.712kHz	85.500MHz
		1280 × 1024	60.020Hz	63.981kHz
		75.025Hz	79.976kHz	135.000MHz

NOTE: Depending on the connected PC, one of the following may occur; incorrect display, false format detection, picture position failure, blur, or judder. But this is not a malfunction of your TV.

Acceptable video or PC signals through the HDMI terminals

Format	Resolution	V. Frequency	H. Frequency	Pixel Clock Frequency
480i	720 × 480i	59.940/60.000Hz	15.734/15.750kHz	27.000/27.027MHz
576i	720 × 576i	50.000Hz	15.625kHz	27.000MHz
480p	720 × 480p	59.940/60.000Hz	31.469/31.500kHz	27.000/27.027MHz
576p	720 × 576p	50.000Hz	31.250kHz	27.000MHz
1080i	1920 × 1080i	59.940/60.000Hz	33.716/33.750kHz	74.176/74.250MHz
1080i	1920 × 1080i	50.000Hz	28.125kHz	74.250MHz
720p	1280 × 720p	59.940/60.000Hz	44.955/45.000kHz	74.176/74.250MHz
720p	1280 × 720p	50.000Hz	37.500kHz	74.250MHz
1080p	1920 × 1080p	59.940/60.000Hz	67.433/67.500kHz	148.352/148.500MHz
1080p	1920 × 1080p	50.000Hz	56.250kHz	148.500MHz
1080p	1920 × 1080p	24.000Hz	27.000kHz	74.250MHz
VGA	640 × 480	59.940/60.000Hz	31.469/31.500kHz	25.175/25.200MHz
		72.809Hz	37.861kHz	31.500MHz
		75.000Hz	37.500kHz	31.500MHz
SVGA	800 × 600	56.250Hz	35.156kHz	36.000MHz
		60.317Hz	37.879kHz	40.000MHz
		72.188Hz	48.077kHz	50.000MHz
		75.000Hz	46.875kHz	49.500MHz
XGA	1024 × 768	60.004Hz	48.363kHz	65.000MHz
		70.069Hz	56.476kHz	75.000MHz
		75.029Hz	60.023kHz	78.750MHz
WXGA	1280 × 768	59.995Hz	47.396kHz	68.250MHz
		59.870Hz	47.776kHz	79.500MHz
		74.893Hz	60.289kHz	102.250MHz
	1360 × 768	60.015Hz	47.712kHz	85.500MHz
SXGA	1280 × 1024	60.020Hz	63.981kHz	108.000MHz
		75.025Hz	79.976kHz	135.000MHz

Specifications and accessories

Broadcast systems/channels

PAL-I	UHF UK21-UK69
PAL-B/G	UHF E21-E69 VHF E2-E12, S1-S41
SECAM-L	UHF F21-F69 VHF F1-F10, B-Q
SECAM-D/K	UHF R21-R69 VHF R1-R12

Video Input PAL, SECAM, NTSC 3.58/4.43

External connections

EXT1	Input	21-pin SCART	RGB, A/V
EXT2	Input	21-pin SCART	A/V, S-video
EXT3	Input	Phono jacks Phono jacks	Y, P _B /C _B , P _R /C _R Audio L + R
EXT4	Input (Side)	Phono jack Phono jacks	Video Audio L + R
HDMI 1/2	Input	HDMI™ (Audio LIP SYNC supported)	
HDMI3	Input (Side)	HDMI™ (Audio LIP SYNC supported)	
PC	Input	Mini D-sub 15-pin Analog RGB signal	
PC/HDMI1 Audio		3.5mm mini jack	Audio
USB port		USB class: Mass Storage File system: FAT12/16/32	

Stereo Nicam
2 carrier system

Visible Screen Size (approx.) Model 32 80cm
37 94cm
40 102cm
42 107cm

Display 16:9

Sound output (at 10% distortion) Main 10W + 10W

Power consumption (approx.) Model 32 AV 111W
32 LV 87W
40 LV 181W
32 RV 87W
37 RV 117W
42 RV 133W

Standby Model 32 AV 0.4W
32 LV 0.4W
40 LV 0.4W
32 RV 0.4W
37 RV 0.4W
42 RV 0.4W

Dimensions (approx.) Model 32 AV 57cm (H) 79cm (W) 29cm (D)
32 LV 57cm (H) 79cm (W) 29cm (D)
40 LV 66cm (H) 98cm (W) 35cm (D)
32 RV 58cm (H) 79cm (W) 29cm (D)
37 RV 65cm (H) 90cm (W) 29cm (D)
42 RV 71cm (H) 101cm (W) 33cm (D)
(Height dimension includes foot stand)

Weight (approx.) Model 32 AV 13.5kg
32 LV 13.5kg
40 LV 19.0kg
32 RV 15.0kg
37 RV 17.5kg
42 RV 24.0kg

Headphone socket 3.5mm stereo

Operating condition Temperature 5°C - 35°C (41°F - 94°F)
Humidity 20 - 80% (non-condensing)

Accessories Remote control
2 batteries (AAA, IEC R03 1.5V)
Clip
Cleaning cloth (to clean the cabinet and control panel)

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