Technika

User Guide

Model No
22-212D

Important safety instruction

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Please read these instructions. All the safety and operating instructions should be read before the appliance is operated.

Warnings

• Television sets which weigh 20kg or more must be lifted and carried by at least 2 people.
• This television does not contain any parts that are serviceable by the user. In case of a fault, contact the manufacturer or authorised service department. Exposing the internal parts inside the TV may endanger your life. The manufacturers guarantee does not extend to faults caused by repairs carried out by unauthorised third parties.
• To reduce the risk of fire, electric shock or damage to the TV, do not expose it to dust, rain or moisture. Never expose the TV to dripping or splashing and do not place objects filled with liquids on or near the TV.
• Do not connect any external devices (DVD player, games console etc) when the TV is switched on. Disconnect both the TV and device from the mains before connecting. Only switch appliances on when the connection process is complete.
• Do not place the television in a confined space and do not obstruct the ventilation openings at the rear of the television.
• When installing on a wall, ensure the TV is at least 5cm from the wall for ventilation.
• Always ensure that the TV's ventilation openings are not covered with items such as newspapers, table-cloths, curtains, etc.
• Dispose of this television and any components including batteries in an environmentally friendly manner. If in doubt, please contact your local authority for details of recycling.

Safety

• For your safety, this appliance is fitted with a fused 3 pin mains plug. Should the fuse need to be replaced, ensure that any replacement is of the same amperage and approved with the BSI mark.
• Never try and replace the mains plug unless you have adequate qualifications and are legally authorised to do so. In the event that a replacement mains cable is required, contact the manufacturer for a suitable replacement.
• Never use the television if it is damaged in any way.
• Always place the television on a flat level surface avoiding anywhere which may be subject to strong vibration.

• The ideal distance to watch the television is approximately five times the length of the diagonal measurements of the TV screen.
• Ensure the television is not placed on top of the power cable as the weight of the television may damage the cable and cause a safety hazard.
• Never place mobile phones, speakers or any other device which may cause magnetic or radio interference, near the television. If interference is apparent, move the device causing the interference away from the television.
• To disconnect the apparatus from the mains, please use the mains plug located on the underside/rear of the TV.
• Ensure that the mains plug is always easily accessible.

WARNING: Excessive noise when using earphones and headphones can cause loss of hearing.

Maintenance

• To clean your TV, wipe with a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth dipped in a soap and water solution or a weak detergent solution.
• Never use alcohol, paint thinner or benzene to clean this unit.
• Before using a chemically treated cloth, read the instructions that came with the cloth carefully.

CAUTION: If water or other liquid enters the television through the display panel surface, a malfunction may occur.

Mild detergent

Packaging

• The safest way to transport your item is in the original box/packaging - please save your packaging for this.
• You will need the original box/packaging in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package the item correctly.

Important information regarding use of video games, computers, captions or other fixed image displays

The extended use of fixed image program material can cause a permanent "shadow image" on the LCD/LED panel, also known as "screen burn".

This "shadow image" can appear in the background during normal viewing. This type of irreversible LCD/LED panel deterioration can be limited by observing the following steps:

1. Reduce the brightness/contrast setting to a minimum suitable viewing level.
2. Do not display the fixed image for extended periods of time.
3. Turn the power off when not in use.

Examples of images that are more likely to cause "screen burn" are as follows (this is not an exhaustive list):

• TV channel logos: e.g. shopping channel logos and pricing displays - especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.
• Time displays.
• Teletext: Do not view a stationary page for a long period of time
• TV/DVD menus: e.g. listings of DVD disc content.
• Pause mode: Do not leave the TV in pause mode for long periods of time, e.g. when watching DVDs or videos.

Important: Once 'shadow image/screen burn' occurs, it will never disappear and is not repairable under warranty.

How do I dispose of this product?

UK: Waste electrical products should not be disposed of with household waste. Please dispose of the product at a designated collection point for recycling of WEEE. For your nearest facilities, please see www.recycle-more.co.uk or in store for details.

ROI: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist. Check with your local authority or retailer for recycling advice.

Batteries

• Do not expose batteries to high temperatures, excessive heat, prolonged sunshine or fire as this may cause leakage, explosion or ignition.
  Observe the correct polarity when inserting batteries.
• Do not use different types of batteries together or mix old and new batteries.
• Dispose of batteries in an environmentally friendly way.
• Certain regions may regulate the disposal of batteries. Please consult your local authority.

TV Models with built in DVD players

CAUTION:	CLASS 1 LASER PRODUCT	This caution label is located on the rear panel of the unit

THIS UNIT IS A CLASS 1 LASER PRODUCT. THIS UNIT USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE PLAYER CORRECTLY AS INSTRUCTED.
WHEN THIS UNIT IS PLUGGED INTO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENINGS TO LOOK INTO THE INSIDE OF THIS UNIT.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
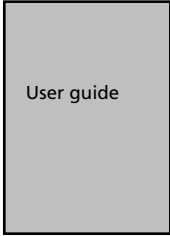DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CONTENTS

WHAT IS INCLUDED IN THE BOX

Accessories

Included with this TV are the following accessories.

1 x User guide

User guide

1 x Quick start guide

Quick start
guide

1 x TV

1 x RF cable

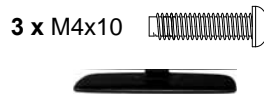1 x Remote control and 2 x AAA batteries

1 x Stand installation pack

3 x M4x10

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

ATTACHING/DETACHING THE STAND

Attaching the stand

To complete the stand installation you will require a cross head screw driver

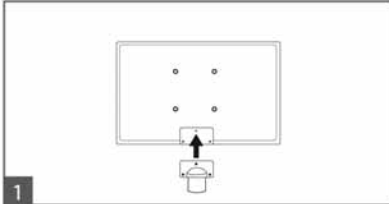There is one type of screw provided as shown below.

3 x M4x10

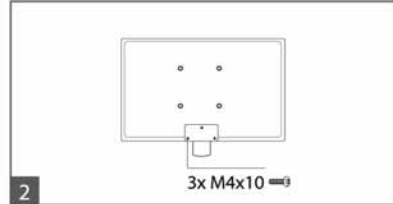Fig 1) Attach the stand neck to the rear of the TV set.

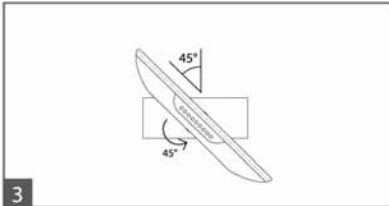Fig 2) Secure the neck to the rear of the TV set with the 3 x (M4x10) screws provided.

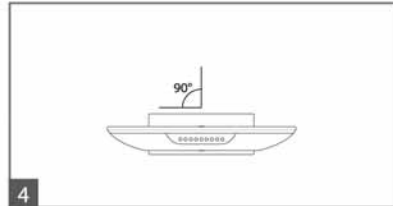Fig 3) Once the neck has been connected attach the base to the neck as a 45 degree angle.

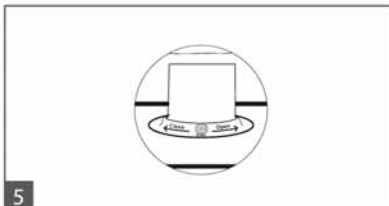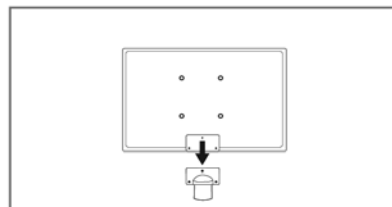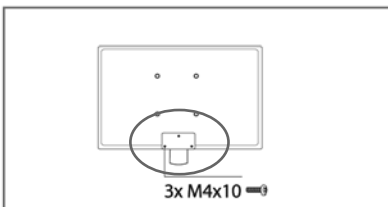Fig 4) Gently twist the base to lock the neck and base together.

Fig 5) Once the base and neck are locked a small button will click that is located on the stand neck.

Detaching the stand

Remove the screws highlighted then remove the stand base and neck from the rear of the TV set.

SECURING THE TV TO A WALL

Securing the TV to a wall

For maximum security in the home, when using a TV with its stand, anti-tip straps should be fitted. These are available from supermarket websites and other websites and are an easy, inexpensive and effective way of ensuring your TV stays safely upright. Straps are designed to be attached to the rear of the TV and then tethered to the wall or the furniture the TV is stood on, these are fitted as follows.

A) Using one or both of the top wall-mounting holes and screws fasten one end of the fastening cord/s to the TV. (the screws are already supplied in the wall mounting holes)

B) Secure the other end of the fastening cord/s to your wall. (you will need screws/fixings suitable for your wall type - available separately from most DIY stores).
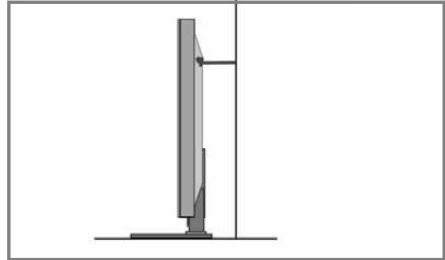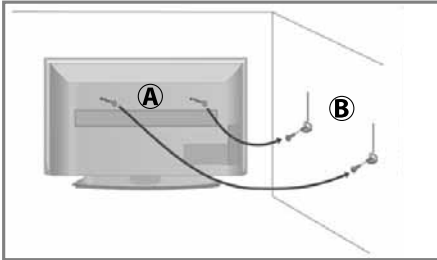
Note - Please ensure that children do not climb on the TV set.

The Royal Society for the Prevention of Accidents is urging people to take care with flat-screen televisions.

RoSPA stated in 2010 that "Toddlers are particularly at risk of pulling flat-screen televisions on to themselves. They are unsteady on their feet and are attracted by colourful television images."

The risk is increased as televisions become lighter.

Wall mounting

IMPORTANT - Before drilling any holes in the wall ensure you are not drilling where there could be any electrical wires, water or gas pipes.
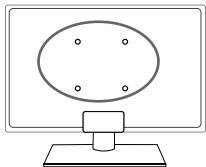
1) Remove the four screws located at the back of the TV set.

2) The wall mount can now be easily attached to the mounting holes, located on the back of the TV, using the same four screws removed.

For VESA wall mounting information please refer to the Technical Specification page.

For optimum viewing, if wall mounting the TV higher than eye level, the TV should be tilted downwards so that the TV's screen is 'face on'. See fig 1 and 2.
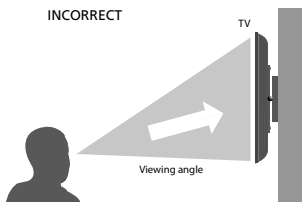
fig 1   INCORRECT   TV

Viewing angle

fig 2   CORRECT   TV

Viewing angle
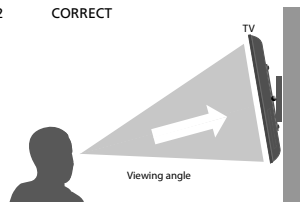
Important – If wall mounting this TV, only use the screws already provided in the wall mounting holes located at the back of the TV, using other screws which are longer could cause irreparable damage to internal parts.

REMOTE CONTROL

Key

⊙ For models with integrated DVD players.
▷ For models with PVR Function.
▭ For models with USB Playback.
▲ For models with 3D functions.

1

STANDBY - Switch on TV when in standby or vice versa.
MUTE - Mute the sound or vice versa.
DTV - Switch to digital source.
RADIO - Switch to radio whilst in digital TV source.
USB - Switch to USB source.
⊙ **DVD** - Switch to DVD source.

2

NUMBER BUTTONS - 0–9 to select a TV channel directly.
TV GUIDE - Opens the 7 day TV guide (digital TV mode).
↺ - To return to the previous channel viewed.

3

VOL (+/-) - To increase/decrease the sound level.
P.MODE - Scrolls through picture mode options.
S.MODE - Scrolls through sound mode options.
FAV - To display favourites menu.
CH (+/-) - To increase or decrease the channel being watched.
MENU - To display OSD menu.
EXIT - To exit all menus.
(▲/▼/◄/►/ OK) - Allows you to navigate the on-screen menus and adjust the system settings to your preference.
SOURCE - To display the input/source menu.
INFO - Press once for now/next channel information.
    - Press twice for information about the current programme.

4

ASPECT - To switch the screen between the different picture formats.
SLEEP - Press repeatedly to cycle through the sleep options.
AUDIO - To change the audio language (if available).
SUBTITLE - To switch the dialogue at the bottom of the screen (on/off).
TEXT - To enter/exit Teletext (Analogue TV).
TEXT HOLD - Teletext mode - Holds current page which is displayed (Analogue TV).
DISPLAY - To switch off the screen when listening to radio.
⊙ **TEXT/DVD ZOOM** - Zoom function for Teletext and DVD.
▭⊙▷ **DVD MENU/RECORD** - Access the DVD menu and USB record function.
    ⏮ - To restart the current chapter
    ⏭ - To advance forward to the next chapter
    ■/▲ - To stop the playback/Eject Disc
▭⊙▷   (To EJECT the disc press/hold the ■/▲ button for 4 seconds)
    ◄◄ - To play in fast rewind mode
    ►► - To play in fast forward mode
    ►ǁ - To play/pause
⊙▷ **DVD SETUP/REC LIST** - Opens up DVD menu or opens the list of what has been previously recorded.
⊙▷ **GOTO** - To go to a specific chapter.
⊙▷ **A-B** - Press once to set point, press a second time to return to point.
⊙ **ANGLE** - Select different angle of DVD.
⊙▷ **REPEAT** - To repeat playback.

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TV BUTTONS AND INPUT SOURCE MENU
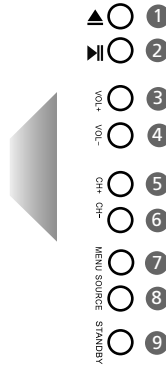
1 Eject Disc

2 Play/Pause Disc

3 Volume up and menu right

4 Volume down and menu left

5 Programme/channel up and menu up

6 Programme/channel down and menu down

7 Displays menu/OSD

8 Displays the 'Input Source' menu

9 Standby power On/Off

Note: The shape of the TV buttons may vary by model.

Choosing Mode Input/Source

Use the source menu to switch between
input/connections.

For further information on input/connections please
view 'Connections' pages.

A) Using the buttons on the remote control:

1) Press [SOURCE] - The source menu will appear.
2) Press [V] or [Λ] to select the input you require.
3) Press [OK].

B) Using the buttons on the Television:

1) Press [SOURCE].
2) Scroll up / down using CH+/ CH- buttons to
the input/source you require.
3) Press Vol+ to change input/source to the
one selected.

An example of the 'Input Source' menu
(will vary by model)

CONNECTIONS
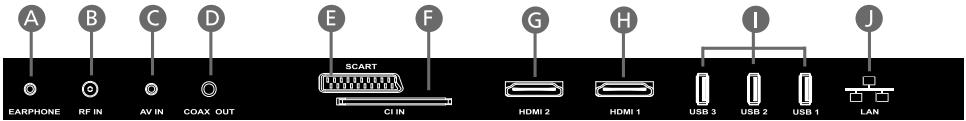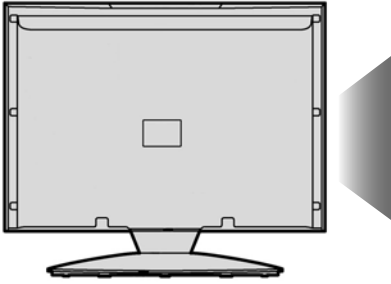
Ⓐ	Earphones	Earphone Input
Ⓑ	RF IN	RF / TV Aerial Input
Ⓒ	AV IN	Input for Composite/Video and Audio for Composite / Video and Component / Y Pb Pr
Ⓓ	COAX Audio Out	Digital Coax output
Ⓔ	SCART	SCART input
Ⓕ	CI CARD IN	Common Interface module
Ⓖ	HDMI 2	HDMI input
Ⓗ	HDMI 1	HDMI input
Ⓘ	3 x USB	USB port
Ⓙ	LAN	Service Port

CONNECTIONS

Note: Connecting cables are shown for example only and may not be included. Please check 'What Is Included In The Box' page.

Connecting to a device with Composite AV/Video output

TV source should be set to Composite/AV
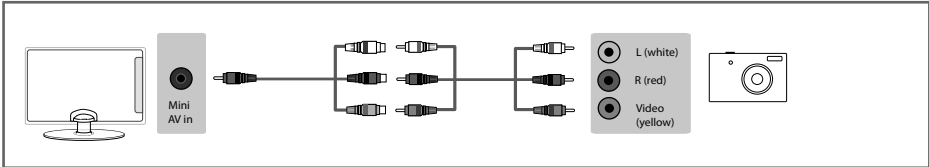
Connecting to a device with SCART output (using SCART to AV cable)

TV source should be set to Composite/AV
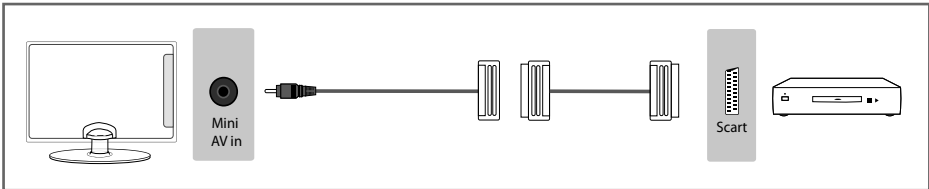
Connecting to a device with SCART output

TV source should be set to SCART

Connecting to a device with HDMI output

A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of quality.

TV source should be set to the corresponding HDMI port (HDMI 1, HDMI 2 etc)
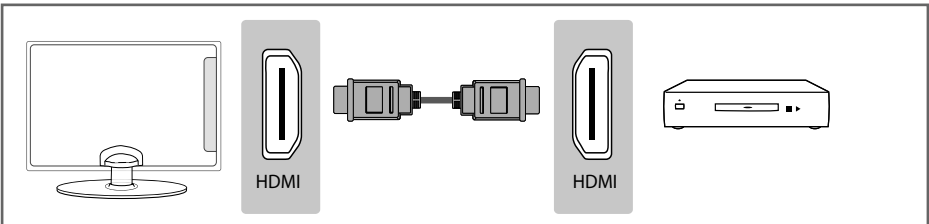
Note: This model TV can not be used as a PC/laptop monitor via the HDMI input. The HDMI input is provided to view digital content with compatible external devices

CONNECTIONS

Connecting to an external audio device (Amplifiers, Surround Sound, Sound Bars etc*)

When connecting via the TV's 3.5mm Earphone output, this will disable the TV speakers.

There are two options to connect a device via the 3.5mm Earphone Output.
*Connecting cables not included .
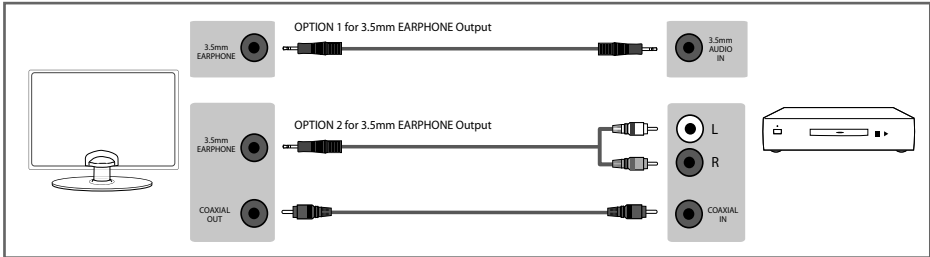
Connecting to a USB device

Many devices may need to be connected to the mains to power the device. Tablets and/or phones can be charged via the USB port but cannot be used to playback media content.

TV source should be set to USB Media.
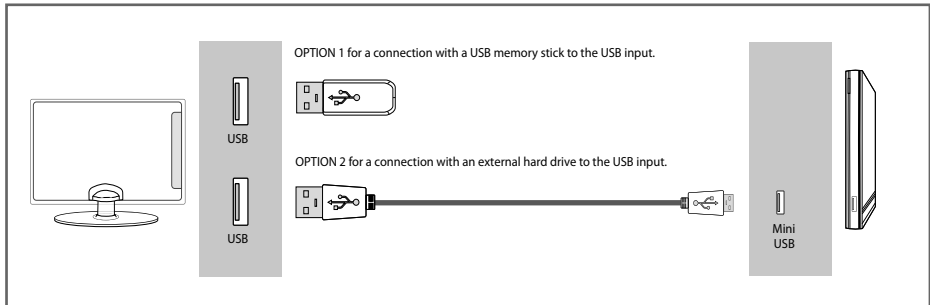
CHANNEL MENU

To access this menu, press [MENU] button on the remote control.
To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Auto Tuning - Allows you to retune the television for all digital channels, digital radio stations and analogue channels

Freeview Manual Tuning - Allows you to manually tune your digital signal

Analogue Manual Tuning - Allows you to manually tune your analogue signal

Programme Edit - Allows you to delete, skip and add favourite channels

Signal Information - Provides technical information on the signal

CI Information - Pay per view services require a "smartcard" to be inserted into the TV. If you subscribe to a pay per view service the provider will issue you with a 'CAM' and a "smartcard". The CAM can then be inserted into the COMMON INTERFACE PORT (CI Card In).

Software Update (OAD) - Switch on/off OAD (over air download) updates

OAD SCAN - Allows you to scan for OAD updates

PICTURE MENU
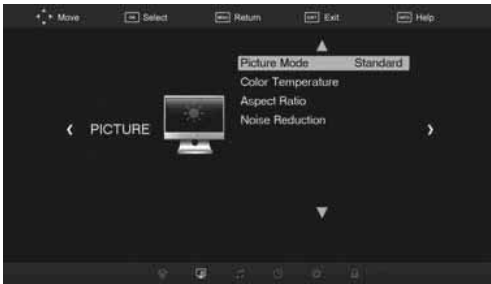
To access this menu, press [MENU] button on the remote control and scroll right.
To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Picture Mode - Choose from the following presets:

Dynamic	Recommended settings for fast moving pictures
Standard	Standard settings
Movie	Set to be lighter in colour and less bright
User	Lets you manually alter all the settings
Ecohome	Power saving mode which reduces the energy used by up to 25% (by reducing the power to the LED/LCD panel). In Economy mode, the TV will switch itself to Standby mode after 3-5 hours in the event that the TV buttons or remote control buttons are not pressed (change the picture mode to another setting to de-activate this function)

You can make the following adjustments in **User** mode:

Contrast - Switch the balance between black and white.

Brightness - Increase or decrease the brightness of the picture.

Colour - Increases the colour from black and white.

Sharpness - Increase or decrease the sharpness of the picture.

Colour Temperature Choose from the following presets:

Cool	Increases blue within the picture
Nature	Default settings
Warm	Increases red within the picture
User	User defined settings

Noise Reduction - Choose from the following presets:

Off	Turns noise reduction off
Low	Minor system adjustment
Middle	Minor system adjustment
High	Maximum system adjustments
Auto	Default settings
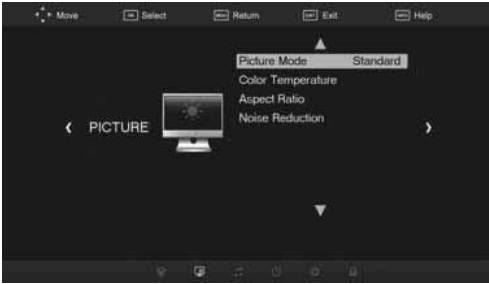
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PICTURE MENU

To access this menu, press [MENU] button on the remote control and scroll right.
To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Aspect Ratio - Within the UK the picture format varies depending on the channel/broadcast. There are a number of different options to best meet your needs

Auto
Automatically displays the best picture format. So the picture is in the correct position. May have black lines at the top/bottom and/or sides.

16:9

Fills the screen with a regular 16:9 signal and 4:3 picture format will be stretched to fill the screen

4:3

Displays the 4:3 picture in its original size. Side bars are shown to fill the 16:9 screen
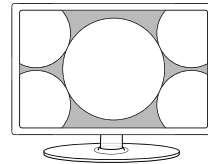
Zoom

The picture is the correct proportion but zoomed in to fill the screen

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SOUND MENU

To access this menu, press [MENU] button on the remote control and scroll right.
To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Sound Mode - Choose from the following presets

Standard	Default settings
Music	Emphasises music over voices
Movie	Provides live and full sound for movies
Sports	Emphasises sound for sports
User	Selects your personal sound settings

Tip: Treble and bass levels can only be adjusted when the sound mode 'User' is selected.

Treble - To adjust the amount of high frequency within the sound

Bass - To adjust the amount of low frequency within the sound

Balance - To switch the sound between the left and right speakers

Auto Volume Level (AVL) - When 'on' is selected, the volume will attempt to stay at a constant level

regardless of TV programme and advertisements

Surround Sound - Allows you to turn the function On or Off

Narration - This option allows the user to access the Audio Description function. (Audio Description is

a service available on certain programmes. It provides a description of what is happening during the

selected programme for a person who is visually impaired)

SPDIF Mode - Provides digital sound. Press [OK] button to turn digital sound on or off.

Audio Language - Shows the current audio language

TIME MENU

To access this menu, press [MENU] button on the remote control and scroll right.
To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Clock - Shows the current time, lets you edit the time in the case you have not tuned in the channels.

Off Time - Auto power off setting. Press [OK] button to display Off Time.

Press [LEFT]/[RIGHT] to select the mode.(Available mode: Off-Once-Everyday-

Mon~Fri - Mon~Sat - Sat~Sun - Sunday).Then set the hour and minute according to the prompt.

On Time - Auto power on setting. Press [OK] button to display On Time.

Press [LEFT]/[RIGHT] to select the mode.(Available mode: Off-Once-Everyday-

Mon~Fri - Mon~Sat - Sat~Sun -Sunday). Then set the hour, minute, source, channel and

volume according to the prompt.

Sleep Timer - Lets you set the sleep timer so the television automatically switches off after a set amount of

time. Off -> 10min -> 20min -> 30min -> 60min -> 90min -> 120min -> 180min -> 240min

Auto sleep - Toggle the fucntion on or off

Time Zone - Change your current time zone

OPTION MENU

To access this menu, press [MENU] button on the remote control and scroll right.
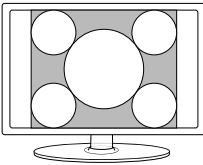To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Audio Language - Shows the current audio language

Subtitle Language - Shows the current subtitle language

Hearing Impaired - This allows the user to turn on the Hearing Impaired function, this produces subtitles on the screen which provide a description of what is happening during the selected programme.

Restore Factory Default - Reset TV to it's default settings

Software Update (USB) - From time to time we may release new firmware to improve the operation of the television (available to download). This menu lets you install the new software/firmware onto the television. Further details of how to do this will be issued with the firmware. Contact the helpline or refer to the 'product support' section of the website

LOCK MENU

To access this menu, press [MENU] button on the remote control and scroll right.
To enter a menu press [OK]

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Lock System - Allows you to lock or unlock the menu. You will be asked to enter a 4 digit password

Use the ◄ button to quit the password input or use the ► button to clear. Default password is 0000.

Set Password - Allows you to set the password for system lock

Block Programme - Allows you to block specific programmes

Key Lock - Allows you to lock the buttons on the side of the TV set

Default Source - Allows you to set the default source. The default source is the source the TV starts on when first switched on

Default Channel - Allows you to set a channel as the default channel on the Digital source. The default channel is the channel the TV starts on when first switched on

Source Lock - Allows you to lock the source menu

Max Volume - Allows you to adjust and set the maximum volume

7 DAY TV GUIDE

TV Guide is available in Digital TV mode. It provides information about forthcoming programmes (where supported by the freeview channel). You can view the start and end time of all programmes and on all channels for the next 7 days and set reminders.

Press [GUIDE]. The following 7 Day TV Guide will appear. This will show what programmes are currently playing on all channels.

2) Navigate through the menu using ▲▼ ▶ ◀.

You can now:

View a previous day by pressing ⏮
View the next day by pressing ⏭
Set a reminder by pressing GREEN
View the schedule list by pressing YELLOW

3) Press [EXIT] to exit the 7 day TV Guide

DVD MENU
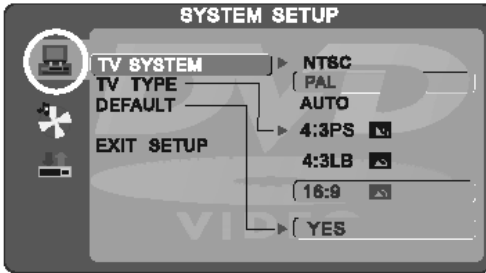
To enter this menu please ensure the TV is in DVD source & press [DVD SETUP]

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [DVD SETUP] button.

TV System - Choose from the following options

NTSC	Normally used for discs from North America, Japan etc
PAL	The standard for discs from UK/Europe, most of Asia, Australia etc
Auto	For both NTSC and PAL

TV Type - Choose from the following options

4:3 PS	Traditional picture format, often used on old film
4:3 LB	Traditional picture which has been adapted for widescreen
16:9	Widescreen picture format

Default - This option allows you reset all DVD settings.

Tone - Choose from the following options

+	Increases the treble (high frequency sound)
-	Increases the bass (low frequency sound)

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

Full	Set this to listen with the range recorded on the disc
4/8	Set this to listen with a range equivalent to a normal television
2/8	Set this to listen with a smaller difference between the maximum and minimum volume

Dual Mono - Choose from the following options

Stereo	Outputs 2 channels of sound both left and right
Mono L	Outputs left side sound
Mono R	Outputs right side sound
Mix Mono	Outputs a single channel of sound but mix between right and left

USB MODE/MEDIA PLAYER

USB mode offers playback of various different types of content that you have saved on your USB Memory Stick.

On switching to USB source the below menu screen will appear. The content will be divided into Photo, Music, Movie and Text based on file type.

1) You can navigate through the menus using the scroll ▲▼►◄ buttons. To confirm the item you wish to play/view press [OK] button.

2) Select the drive you require. (If your drive only has 1 partition you will only see 1 item).

3) You can now access the item. Press OK to view.

4) While viewing you control the item using or by pressing (i) and using ▲▼►◄ and (OK)

Tip: If you experience a playback issue, please ensure the files being used are the correct format (example - the picture plays but no sound) See technical specification page for compatible file types

Note: USB extension cables are not recommended as they can cause a reduction in picture/audio quality and stoppages during play back of USB content.

USING YOUR TV WITH A SKY DIGITAL SET TOP BOX

Option 1) Connecting your TV to your Sky box (when both the TV and Sky Box are located in the same room)

Depending on your Sky Box & TV model, connect either by SCART or HDMI cables (available separately) .

If connecting by SCART, select the 'Input source' on the TV as SCART. If your TV does not have SCART, please refer to 'Connections' pages in this user guide for alternative ways to connect.
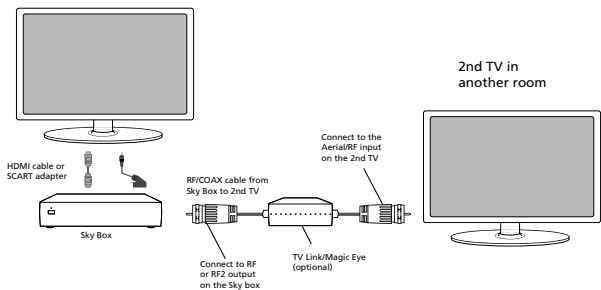
If connecting by HDMI, select the 'Input source' on the TV as HDMI (if the TV has more than 1 HDMI port, ensure you select the input source to match the HDMI numbered port on the rear of the TV).

If you wish to use your Sky remote to operate the TV's functions, you will need a Sky remote control (Revision 9 or later) and you will need to program a 4 digit code into it. See bottom of this page.

SCART adapter or HDMI cable
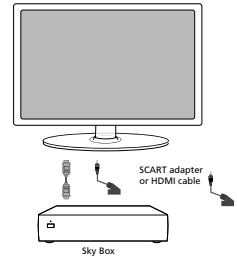
Sky Box

Option 2) Connecting your TV to your Sky box (when your Sky box is located in a different room to the TV)

Please note, if you are adding a 'Magic Eye/TV Link' to your system so that you can use your Sky remote control to change the Sky channel in the room where the 2nd TV is located, please refer to the instructions included with the TV link/magic eye in order to ensure the RF or RF2 output on your Sky box is powered on. (The red LED light on the TV link/magic eye will light up if the RF / RF2 output is correctly set up) If you do not have the instructions that came with the TV link/magic eye, instructions on how to do it can be found on our web site.

2nd TV in another room

HDMI cable or SCART adapter

Sky Box

RF/COAX cable from Sky Box to 2nd TV

Connect to RF or RF2 output on the Sky box

TV Link/Magic Eye (optional)

Connect to the Aerial/RF input on the 2nd TV

1) To tune the TV to the Sky box, on the 2nd TV, select the 'Analogue' input source.
2) Select the channel that you wish to store the Sky box/channel on. (If you do not use channels 1-5 because you no longer have analogue terrestrial channels after digital switchover, you may choose to select channel 1 to store the Sky box/channel, if you still have and use analogue channels 1-5, you may for example decide that channel 6 is the best option for you)
3) Press the corresponding number on the remote control to select the desired analogue channel chosen as per point 2 above.
4) On the TV remote control, press Menu. Now navigate through the menus to select Manual Tuning or Analogue Manual tuning (refer to the Tuning/Channel menu section of this user guide if necessary)
5) Manually tune in the channel (usually, the Sky box is at a frequency between 800Mhz and 850Mhz) once the Sky box/channel is found, press 'OK' to store it.

If you wish to use your Sky remote to operate the TV's functions, you will need a Sky remote control (Revision 9 or later) and you will need to programme a 4 digit code into it. See below.

Using a Sky remote or a universal remote to operate your TV

Sky remote control - If you wish to use your Sky remote to operate the basic functions of your TV, you need to program a 4 digit code into it. Please note - you will need a Sky Revision 9 remote control (or later). **The code required for this television is 2134.** If you wish to upgrade/replace your existing Sky remote control to the latest version, you can do so on our website.

Universal remote control - If you wish to use a Universal remote control to operate your TV, please refer to the website for a full list of codes. (Please note we only have codes for One for All branded remote controls, if you have an alternative brand of Universal remote, please refer to the manufacturer for the code.)

FREQUENTLY ASKED QUESTIONS

General	I would like to have louder sound by connecting additional speakers.	1) Use the 3.5mm headphone output and a 3.5mm to phono cable (available separately) to connect to an amplifier/surround sound system. Please note this will deactivate the TV's built in speakers. 2) Connect a COAX cable from the TV's COAX output to your amplifier/surround systems COAX input.
General	Why are some options in the menu unavailable and greyed out.	Some options are only available in certain sources, i.e. HDMI. They are unavailable in the other sources where they have no affect.
General	Can I stop my TV automatically turning off after 4hrs?	Yes, in the 'Time' menu settings, scroll down to Auto standby and select OFF.
TV	I have tuned in Digital TV but I am not receiving any or all of the channels and/or the channels I receive are breaking up.	1) Check you are in an area that can receive Freeview/Saorview, visit www.freeview.co.uk or www.saorview.ie 2) Check you are using an aerial that is able to receive a good digital signal. In most cases, you will need an outdoor digital hi-gain/wideband aerial. In areas that have excellent digital coverage, you may be able to use a loft type aerial but it is highly likely that you will also need to connect a booster between the back of the TV and the TV aerial wall socket. Unfortunately, to receive a good enough digital signal, it is not possible to use a portable/indoor type aerial.
TV	I have re-tuned my television but when I switch it off it is not storing the channels.	If the TV does not save the channels when you power it off, it's likely the channel database has become corrupt. **1)** Turn off the TV. **2)** Remove the RF/Aerial cable from the rear of the TV and then turn the TV back on again. **3)** Using the remote control, press Menu followed by 8-8-8-8 to enter the initial setup/first time installation menu. **4)** Press OK (let the TV run the full tuning process). **5)** Once completed, turn off the TV, reconnect the RF/Aerial cable then turn the TV back on again. **6)** Repeat steps 3 & 4.
VCR/DVD Recorder	I have connected the TV to my VCR or DVD Recorder via SCART but it is not recording.	In addition to connecting via SCART, you should connect the aerial cable from the wall socket to your VCR/DVD Recorder and another aerial cable from the VCR/DVD Recorder to the TV.
Game Consoles	I have connected my Playstation/Xbox to the TV via HDMI, but I am not receiving any pictures or sound on my Television.	1) Ensure the TVs' source is set to HDMI. 2) Check your settings on your Playstation/Xbox are as per the Playstation/Xbox instruction manual.
Game Consoles	I have connected my Playstation/Xbox to the TV via Component cables (red, green & blue) but I am not receiving any sound.	Component cables only provide HD pictures. For the sound you will need to connect the red & white audio cables on the Playstation/Xbox to the red & white phono inputs (or mini AV input where fitted) on the rear of the TV. Please refer to the 'Connections' pages.
System Lock	I have changed the password on the television and now forgotten it.	There is a master password of 4711, to gain access to the TV menu and reset the normal password.
USB Mode	I have inserted a USB Memory Key, but the TV does not recognise it.	Ensure the USB Memory Key is formatted to type FAT32.
USB Mode	Using a USB portable hard drive / larger than 32GB.	If you wish to use a portable hard drive larger than 32GB, please note that it must be formatted to the FAT32 file system in order to operate on this TV. Windows XP/Vista computers are only capable of formatting up to 32GB, therefore, you will need a software programme/utility to format larger hard drives. Please refer to the website, www.umc-uk.co.uk, for more information.
DVD	I have inserted a disc but it is not playing.	1) Ensure you have inserted the disc facing the correct way. 2) Ensure the disc is clean and is not scratched. 3) Some copied discs will not play. 4) Check the DVD is a region 2 disc – to change the region of the DVD player, refer to www.umc-uk.co.uk, select 'Changing DVD Region' in the 'Product Support' section
DVD	I have pressed the eject button but the disc is not coming out.	To eject the disc hold the stop/eject button for 4 seconds.

TECHNICAL SPECIFICATION

Product fiche

Trademark	Technika
Model ID	**22-212D**
Energy efficiency class	C
Visible screen size (diagonal)	55 cm / 21.6 inches
On-mode average power consumption	41.0 W
Annual energy consumption *1	60.0 kWh
Standby power consumption *2	<0.50 W
Off mode power consumption	0 W
Screen resolution	
*1: Energy consumption XYZ kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used. *2: When the TV is turned off with the remote control/standby button and no function is active.	

Additional technical information

RF	75 ohm Antenna / Analog / DVB
Inputs	1 x SCART, 1 x 3.5mm AV/CVBS (includes RCA adaptor) 2 x HDMI (upto 1080p), 3 x USB
Sound Outputs	1 x COAX Audio Output, 1 x Headphone
Speaker / Amplifier Watts (RMS)	2 x 3 / 2 x 3
Voltage and power consumption	AC 220V ~ 240V; 50/60Hz 41W/72W (home mode/max) (<0.5W in Standby)
Dimensions including stand (mm)	535W x 392 H x 170D
Net weight (Kgs)	4.9
Wall Mounting	VESA 0 x 0 (mm)

TECHNICAL SPECIFICATION

Compatible files in USB Mode

Media	File Ext.	Codec		Remark
		Video	**Audio**	
Movie	.mpg	MPEG-1, MPEG-2	MP3, WMA, AAC	Max Resolution: 1920x1080 Max Data rate: 40 Mbps
	.avi	DivX, Xvid, MJPEG, MPEG-4 SP/ASP, H.264		Max Resolution: 1920x1080 Max Data rate: 20 Mbps
	.ts	MPEG-2, H.264		
	.mov/ .mkv	MPEG-4 SP/ASP, H.264		
	.dat	MPEG-1		
	.mp4	MPEG-4 SP/ASP, H.264		
		MPEG-1, MPEG-2		Max Resolution: 720x576 Max Data rate: 40 Mbps
	.vob	MPEG-2		
Music	.mp3	-	MP3	Sample Rate 8K-48KHz Bit rate: 32K - 320Kbps Channel: Mono/Stereo
	.wma	-	WMA	
	.m4a/ .aac	-	AAC	Sample Rate 16K-48KHz Bit rate: 32K ~ 442Kbps Channel: Mono/Stereo
Photo	.jpg/ .jpeg	Progressive JPEG		Max Resolution: 1024x768
		Baseline JPEG		Max Resolution: 8192x8192
	.bmp	BMP		Max Resolution: 6500x6500 Pixel Depth 1/4/8/16/24/32 bpp
	.png	Non-Interlaced		Max Resolution: 3000x3000
		Interlaced		Max Resolution: 1500x1500