BUSH

Instruction manual

DLED32265HDDVDB

You'll soon be enjoying your new TV.

It all begins here, with your instructions. Don't worry, there's nothing too technical coming up. Just simple, step-by-step guidance to get you up and running quickly. Sound good? Then let's get started.

Help and Guidance

We're here to help you get the most from your TV. Should you require any guidance, a simple solution can often be found online at:

www.argos-support.co.uk

If you still require further assistance, call one of our experts on **0345 604 0105**

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

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or online at **www.argos-support.co.uk** If you still require further assistance, call one of our experts on **0345 604 0105**.

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Safety information 1
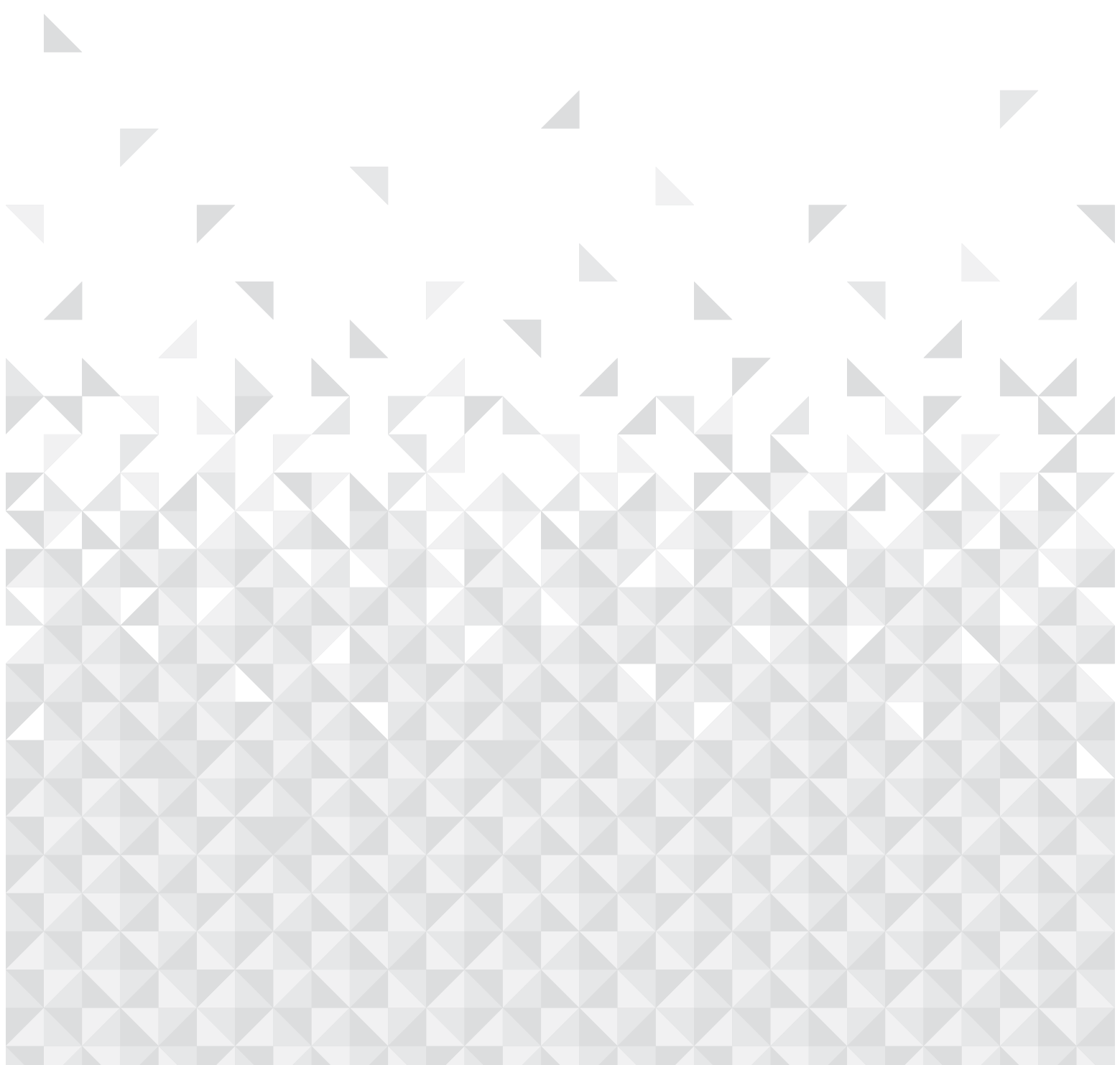
⚠ Safety information

Important - Please read these instructions fully before installing or operating

Safety Information

Power source

The TV should be operated only from a 220-240 V AC, 50 Hz outlet .

- **Warning:** Do not leave your TV in standby or operating mode when you leave your house.

Positioning the TV

For ventilation, please leave a clear space of at least 10cm all around the TV. **(Fig 1)**.

Fig 1.

- **Do not** block the ventilation openings.
- **Do not** place the TV on sloping or unstable surfaces, the TV may tip over.
- To prevent damage to the TV, do not place any objects on top of the TV.

Power cord and plug

- **Do not** place the set, a piece of furniture, etc. on the power cord (mains lead) or pinch the cord. Handle the power cord by the plug. Do not pull the plug by holding its neck, as this could result in 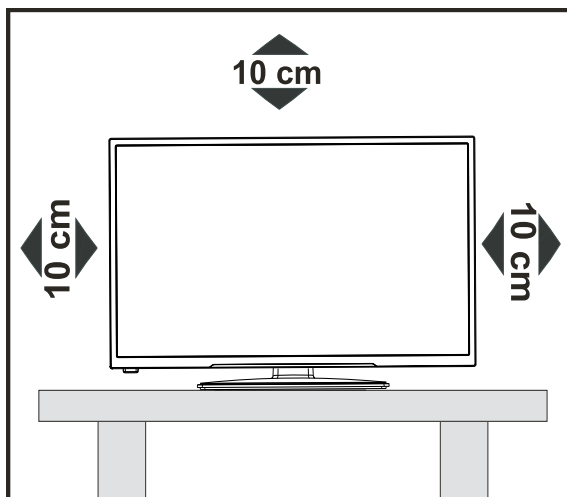damage to the plug. Do not unplug the appliance by pulling from the power cord and never touch the power cord with wet hands as this could cause a

short circuit or electric shock. Never make a knot in the cord or tie it with other cords. The power cords should be placed in such a way that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electric shock. When it is damaged and needs to be replaced, it should be done by qualified personnel.

- This TV receiver is supplied with a moulded mains plug. The mains plug must not be cut off, as it may contain a special radio interference filter, the removal of which could lead to impaired performance. If you wish to extend the lead, obtain an appropriate safety approved extension lead or consult your dealer.

- Observe the manufacturers instructions when connecting extension leads to the set. Check the fuse rating on the new plug; this should be fitted with a 5 Amp fuse which conforms to either ASTA or BSI (BS1362) approvals, these are easily identifiable by either the ◈ or ♡ symbols. If you are in any doubt about the installation of an extension lead, please consult a competent electrician.

Moisture and water

- **Do not** use this TV in a humid or damp place (avoid bathrooms, the sink in the kitchen, and near the washing machine).

- **Do not** expose this TV to rain or water.

- **Do not** place objects filled with liquids, such as flower vases, on top of the TV. Avoid from dripping or splashing.

- If any solid object or liquid falls into the cabinet, unplug the TV and have it checked by qualified personnel before operating it any further.

Ventilation

- The slots and openings on the TV set are intended for ventilation and to ensure reliable operation.

- To prevent overheating, these openings must not be blocked or covered in any way.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

⚠ Safety information

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Heat sources and flames

- **Do not** expose the TV to direct sunlight or other heat sources.

- The TV should not be placed near to open flames and sources of intense heat such as an electric heater.

- Ensure that no open flame sources, such as lit candles, are placed on top of the TV.

Headphone Volume

- Excessive sound pressure from earphones and headphones can cause hearing loss, please take care.

Wall Mounting

- To prevent injury, this TV must be securely attached to the wall in accordance with the installation instructions (if the option is available).

LCD Screen

- Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green or red point. Please note that this does not affect the performance of your product.

- Take care not to scratch the screen with fingernails or other hard objects.

Cleaning

- Before cleaning, unplug the TV from the wall socket.

- **Do not** use liquid or aerosol cleaners. Only use a soft, dry cloth.

Batteries

⚠ - **Warning:** Incorrect installation of batteries may cause battery leakage and corrosion, resulting in damage to the remote control.

- **Do not** mix old and new batteries, or batteries of different types.

- **Do not** dispose of batteries in a fire.

- **Do not** dispose of batteries with normal household waste, take to a local recycling centre.

⚠ - **Caution:** Insert the batteries / rechargeable batteries in the correct polarity. Don´t try to recharge non rechargeable batteries and under no circumstances throw them into fire. Danger of explosion. Do not use unequal batteries (old and new, Alkaline and carbon, etc.) simultaneously. If you will not use the device for a long time, remove the batteries and store the device in a dry and dust free place. Improper use of batteries may cause an explosion or leakage. If the batteries have leaked, use gloves and clean the appliance thoroughly with a dry cloth! Batteries should not be exposed to heat, such as sunshine, fire or the like.

Replacement Parts

When replacement parts are required, make sure that the service technician has used replacement parts, which are specified by the manufacturer or have the same specifications as the original one. Unauthorised substitutions may result in fire, electrical shock or other hazards.

Taking Out of Service and Storing

Unplug the TV from the mains and pack the TV in an appropriate cardboard box. Remove the batteries from the remote control and pack the remote control with the TV set.

- The TV set should be stored in a dry and dust-free room.

⚠ - **Caution:** Do not put your fingers in the middle between the TV and stand, especially when you carry the TV, as they may be injured.

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⚠ Safety information

Important - Please read these instructions fully before installing or operating

Connection to a Television Distribution System from Tuner

Device connected to the protective earthing of the building installation through the mains connection or through other apparatus with a connection to protective earthing-and to a television distribution system using coaxial cable, may in some circumstances create a fire hazard.

Connection to a cable distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11).

Preparation

Place the device on a solid even surface. For ventilation, leave a free space of at least 10 cm all around the set. To prevent any fault and unsafe situations, do not place any objects on top of the set. Use this device in moderate climates.

- **Operation temperature and operation humidity:** 0ºC up to 40ºC, 85% rel. humidity max. (not blocking ventilation openings).

Intended Use

This device is used to receive and display TV programmmes. The different connection options make an additional expansion of the reception and display sources possible (various external devices). This device is only suitable for dry interior use. This appliance is intended solely for private domestic use and may not be used for industrial and commercial purposes. We exclude liability in principle, if the device is not used as intended, or unauthorized modifications have been made. To operate your TV in extreme ambient conditions may cause the damage of the device.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instructions concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

Children may not recognize dangers. The swallowing of batteries can be fatal. Keep batteries always out of reach of small children. If a battery is swallowed, seek immediate medical attention. Keep the packaging films out of reach of children, there is a risk of suffocation.

Some Do's and Don'ts on the Safe Use of the Equipment

Please read the following recommended safety precautions carefully for your safety.

- This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

- **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 the pieces of equipment) are properly made and in accordance with the manufacturer's 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** route the mains lead so that it is not likely to be walked on, crushed, chafed, or subjected to excessive wear and tear or heat.

- **Do not** operate your TV in extreme ambient conditions as this may cause damage to your TV.

- **Do not** remove any fixed cover as this may expose dangerous voltages.

- **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.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

⚠ Safety information

Important - Please read these instructions fully before installing or operating

- **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 manufacturer's approved stand or legs with the fixings provided according to the instructions.

- **Do not** listen to headphones at high volume, as such use can permanently damage your hearing.

- **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 stand-by mode. Switch off using the switch, on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

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

ABOVE ALL

- ⚠ **NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock.**

- ⚠ **NEVER guess or take chances with electrical equipment of any kind.**

- ⚠ **It is better to be safe than sorry!.**

DVD Mode

- ⚠ **Caution**: The DVD Player is a class 1 laser product. This product uses a visible laser beam which could cause hazardous radiation exposure. Be sure to operate the player correctly as instructed.

Risk of Electric Shock

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock of persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.
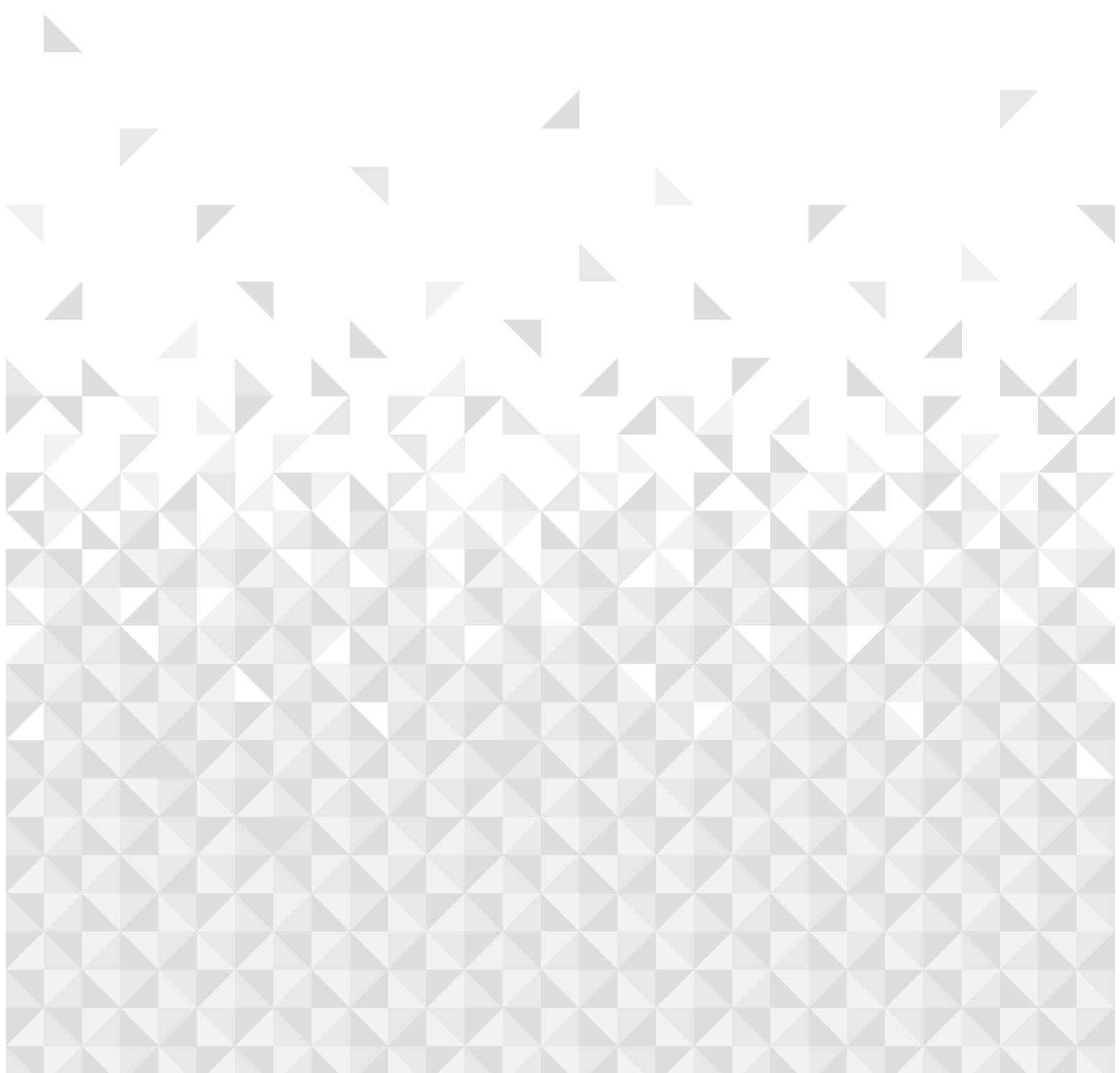
Licence Notification

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi Corporation. Reverse engineering and disassembly are prohibited.

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Getting to know your TV 2

Getting to know your TV

You'll be up and running in no time

Ready? Let's begin...

Please read these instructions carefully. They contain important information which will help you get the best from your TV and ensure safe and correct installation and operation.

If you require any further assistance, our technical experts are happy to help. For full details, refer to the product support section at the end of these instructions.

Accessories

1.   Remote control.

2.   Batteries: 2 x AAA.

3.   Instruction book.

4.   Quick start guide.

Features

- Remote controlled colour TV
- DVD Player
- Fully integrated digital terrestrial TV (DVB-T2)
- HDMI inputs to connect other devices with HDMI sockets
- USB input
- OSD menu system
- Scart socket for external devices (such as DVD Players, PVR, video games, etc.)
- Stereo sound system
- Teletext
- Headphone connection
- Automatic programming system
- Manual tuning
- Automatic power down after up to eight hours.
- Sleep timer
- Child lock
- Automatic sound mute when no transmission.
- NTSC playback
- AVL (Automatic Volume Limiting)
- PLL (Frequency Search)
- PC input
- Game Mode (Optional)
- Ethernet (LAN) for interactive services available on digital channels
- Picture off function

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Getting to know your TV

You'll be up and running in no time

Aerial connection

Connect the aerial TV plug to the AERIAL INPUT (ANT) socket located on the back of the TV.
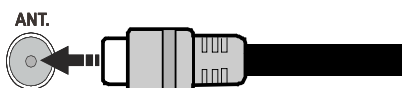

Fig 2.

Inserting Batteries into the Remote Control

1. Remove the screw that secure the battery compartment cover on the back side of the remote control first.

2. Lift the cover gently.

3. Insert two AAA batteries. Make sure the (+) and (-) signs match (observe correct polarity).

4. Place the cover back on.

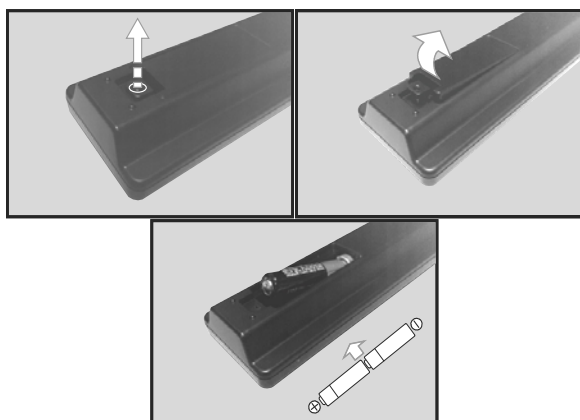5. Then screw the cover back on again.

Fig 3.

Power connection

IMPORTANT: The TV set is designed to operate on 220-240V AC, 50 Hz socket. After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains. Plug the power cable to the mains socket outlet.

Switching On/Off

To Switch the TV On

Connect the power cord to a power source such as a wall socket (220-240V AC, 50 Hz).

To switch on the TV from standby mode either:

• Press the **Standby** button, **Programme +/-** or a numeric button on the remote control.

• Press the side function switch on the TV until the TV comes on from standby.

To Switch the TV Off

Press the **Standby** button on the remote control or press the side function switch on the TV until the TV switches into standby mode.

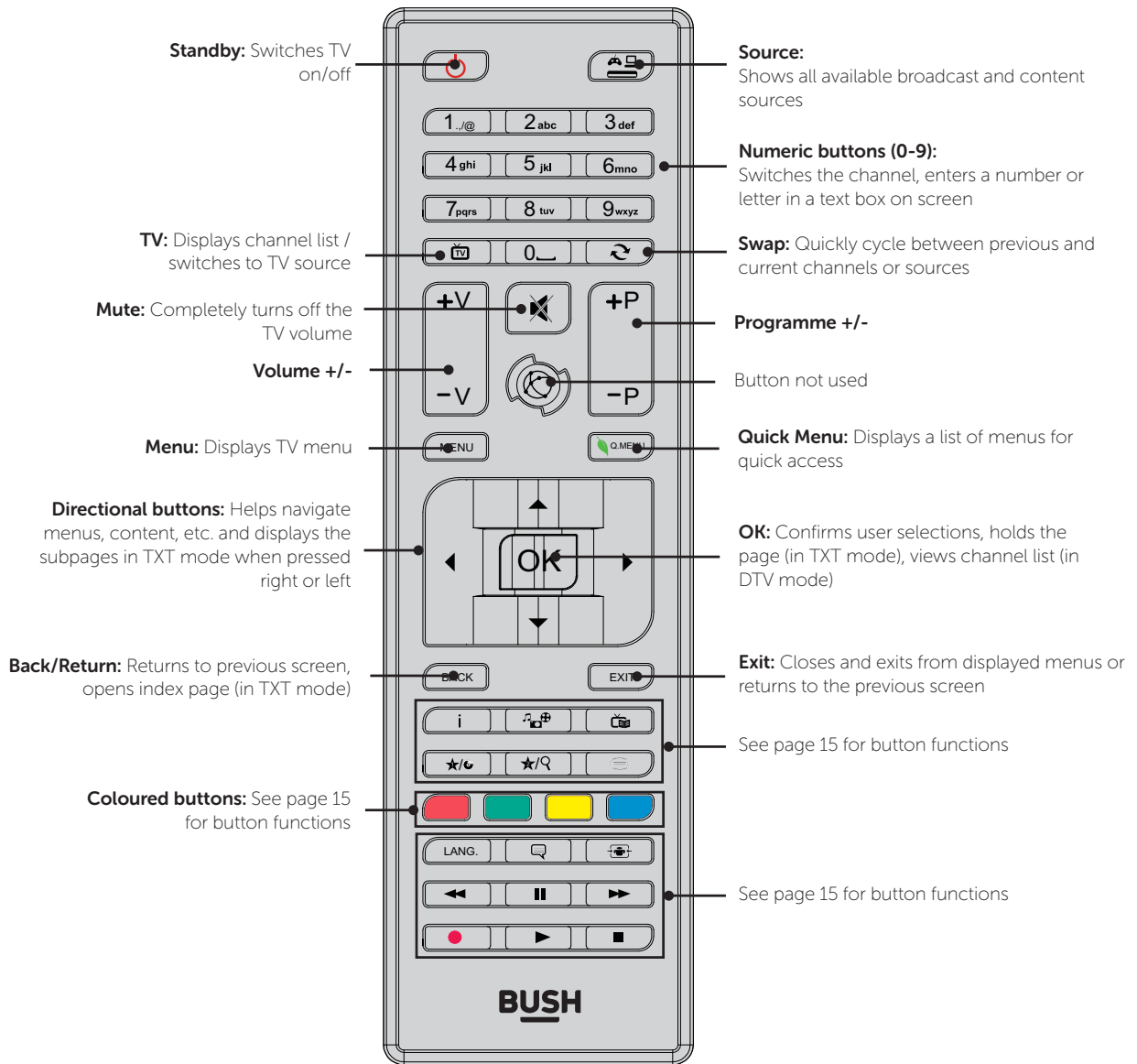To power down the TV completely, unplug the power cord from the mains socket.

Note: When the TV is switched into standby mode, the standby LED can blink to indicate that features such as Standby Search, Over Air Download or Timer is active. The LED can also blink when you switch on the TV from standby mode.

Changing Channels and Volume

You can change the channel and adjust the volume by using the **Programme +/-** and **Volume +/-** buttons on the remote.

or online at **www.argos-support.co.uk** If you still require further assistance, call one of our experts on **0345 604 0105**.

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Getting to know your TV

You'll be up and running in no time

Standby: Switches TV on/off

TV: Displays channel list / switches to TV source

Mute: Completely turns off the TV volume

Volume +/-

Menu: Displays TV menu

Directional buttons: Helps navigate menus, content, etc. and displays the subpages in TXT mode when pressed right or left

Back/Return: Returns to previous screen, opens index page (in TXT mode)

Coloured buttons: See page 15 for button functions

Source: Shows all available broadcast and content sources

Numeric buttons (0-9): Switches the channel, enters a number or letter in a text box on screen

Swap: Quickly cycle between previous and current channels or sources

Programme +/-

Button not used

Quick Menu: Displays a list of menus for quick access

OK: Confirms user selections, holds the page (in TXT mode), views channel list (in DTV mode)

Exit: Closes and exits from displayed menus or returns to the previous screen

See page 15 for button functions

See page 15 for button functions

BUSH

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Getting to know your TV

You'll be up and running in no time

Buttons on Remote Control	Description
i	**Info:** Displays information about on-screen content, shows hidden information (reveal - in TXT mode)
⌂⊞	**Media browser:** Opens the media browser screen **Angle** (in DVD mode)
⌗	**EPG (Electronic Programme Guide):** Displays the electronic programme guide
★/↻	**My button 1*** **Display/DVD menu** (in DVD mode)
★/🔍	**My button 2*** **Search** (in DVD mode)
▤	**Text:** Displays teletext (where available), press again to superimpose the text over the normal broadcast picture (mix)
LANG.	**Language:** Switches between sound modes (analogue TV) Displays and changes audio /subtitle langugage (digital TV - where available)
⬚	**Subtitles:** Turns subtitles on and off (where available)
⊡	**Screen:** Changes the aspect ratio of the screen
◄◄	**Rapid reverse:** Moves frames backwards in media such as movies
‖	**Pause:** Pauses the media being played
►►	**Rapid advance:** Moves frames forwards in media such as movies
●	Button not used
►	**Play:** Plays selected media
■	**Stop:** Stops the media being played

(*) MY BUTTON 1 & MY BUTTON 2:

These buttons may have default functions depending on the model. However you can set a special function to these buttons by pressing on them for five seconds when on a desired source or channel. A confirmation message will be displayed on the screen. The selected MY BUTTON is associated with the selected function.

Note that if you perform a First Time Installation, MY BUTTON 1&2 will return to their default function.

Coloured Buttons

When using the TV, follow the on-screen instructions for coloured button functions.

When using the DVD, the coloured button functions are:

- **Red**: Zoom
- **Green**:Repeat
- **Yellow**: Root
- **Blue**: Title

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Getting to know your TV   BUSH   15
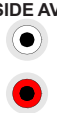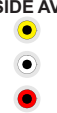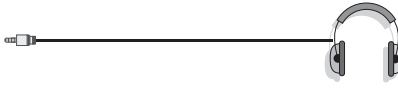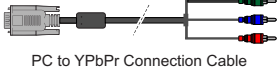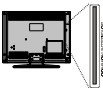
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Connections 3
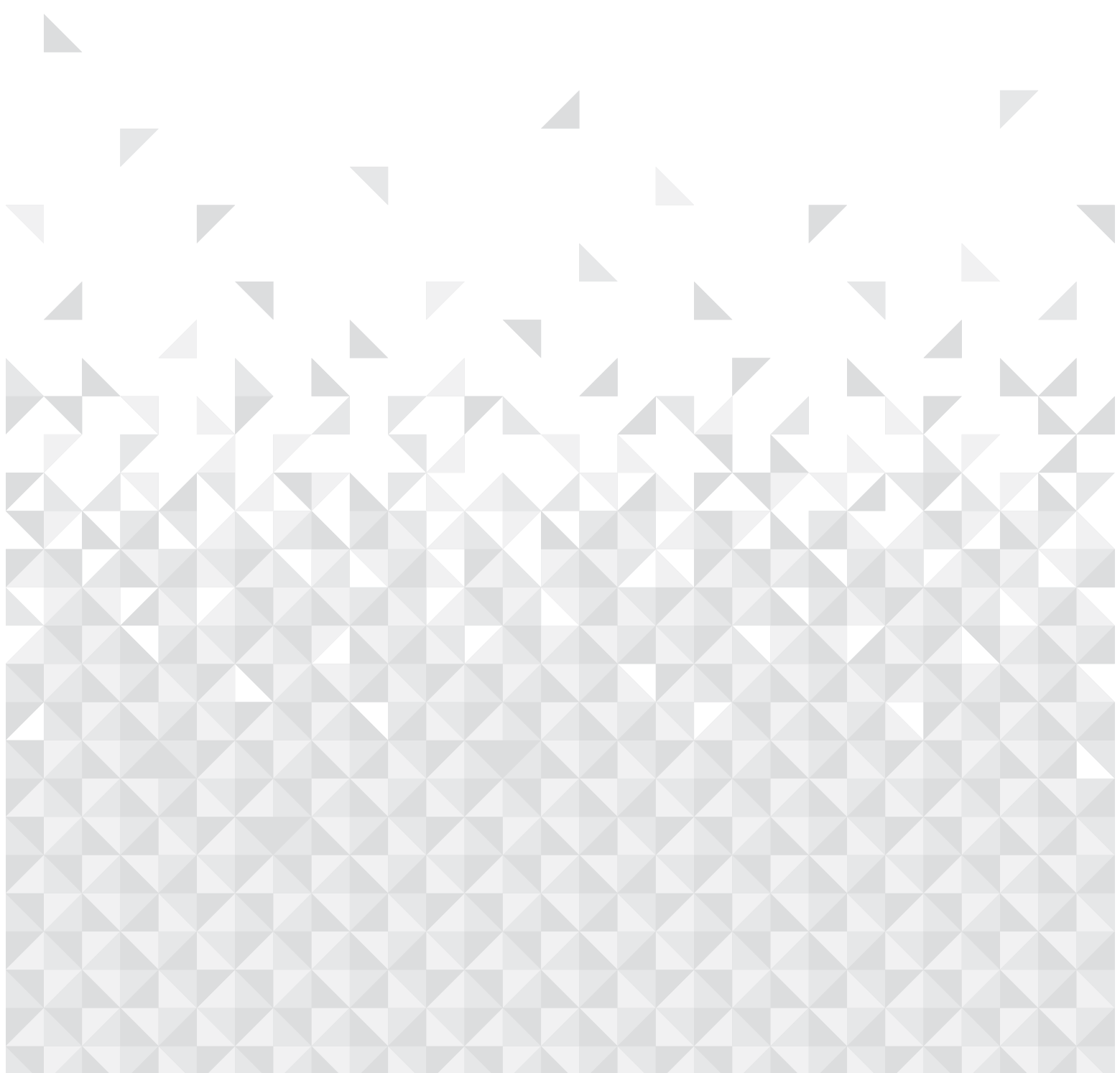
Connections

Bringing it all together

Connector	Type	Cables	Device
	Scart Connection (back)		
	VGA Connection (back)		
SIDE AV	**PC/YPbPr Audio Connection (side)**	YPbPr/PC Audio Cable (not supplied)	
	HDMI Connection (back)		
SPDIF	**SPDIF (Optical Out) Connection (back)**		
SIDE AV	**Side AV (Audio/Video) Connection (side)**	AV Cable (not supplied)	
HEADPHONE	**Headphone Connection (side)**		
YPBPR	**YPbPr Video Connection (back)**	PC to YPbPr Connection Cable (not supplied)	
USB	**USB Connection (side)**		
	CI Connection (side)		
LAN	**Ethernet Connection (back)**	LAN / Ethernet Cable	

⚠ • If you want to connect a device to the TV, make sure that both the TV and the device are turned off before making any connection. After the connection is done, you can turn on the units and use them.

Notes:

• When connecting a device via the YPbPr or Side AV input, you must use the connection cables to enable connection. See the illustrations on the left side.

• You can use YPbPr to VGA cable (not supplied) to enable YPbPr signal via VGA input.

• You cannot use VGA and YPbPr at the same time.

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Connections

Bringing it all together

- To enable PC/YPbPr audio, you will need to use the side audio inputs with a YPbPr/PC audio cable (not supplied) for audio connection.

- If an external device is connected via the SCART socket, the TV will automatically switch to AV mode.

- When receiving DTV channels (Mpeg4 H.264) or while in Media Browser mode, output will not be available via the scart socket.

- When using the wall mounting kit (available from third party in the market, if not supplied), we recommend that you plug all your cables into the back of the TV before mounting on the wall.

- Insert or remove the CI module only when the TV is SWITCHED OFF. You should refer to the module instruction manual for details of the settings.

- The USB input of your TV supports devices up to 500mA. Connecting devices that have current value above 500mA may damage your TV.

- By connecting an HDMI cable to your TV, you have to use only a shielded HDMI cable to guarantee a sufficient immunity against parasitic frequency radiation.

First Time Installation

When turned on for the first time, the language selection screen is displayed. Select the desired language and press **OK**.

On the next screen, set your preferences using the directional buttons.

Note: Depending on the **Country** selection you may be asked to set and confirm a PIN at this point. The selected PIN cannot be 0000. You have to enter it if you are asked to enter a PIN for any menu operation later.

About Selecting Broadcast Type

Digital Aerial: If **Digital Aerial** broadcast search option is turned on, the TV will search for digital terrestrial broadcasts after other initial settings are completed.

Analogue: If **Analogue** broadcast search option is turned on, the TV will search for analogue broadcasts after other initial settings are completed.

Additionally you can set a broadcast type as your favourite one. Priority will be given to the selected broadcast type during the search process and the channels of it will be listed on the top of the **Channel List**. When finished, press **OK** to continue.

You can activate **Store Mode** option at this point. This option will configure your TV's settings for store environment and depending on the TV model being used, the supported features of it may be displayed on the top of the screen as an info banner. This option is intended only for store use. It is recommended to select **Home Mode** for home use. This option will be available in **System>Settings>More** menu and can be turned off/on later.

Press **OK** button on the remote control to continue. After the initial settings are completed TV will start to search for available broadcasts of the selected broadcast types.

After all the available stations are stored, scan results will be displayed. Press **OK** to continue. The **Edit Channel List** menu will be displayed next. You can edit the channel list according to your preferences or press the **Menu** button to quit and watch TV.

While the search continues a message may appear, asking whether you want to sort channels according to the LCN**(*)**. Select **Yes** and press **OK** to confirm.

(*) LCN is the Logical Channel Number system that organizes available broadcasts in accordance with a recognizable channel number sequence (if available).

Note: Do not turn off the TV while initializing first time installation. Note that, some options may not be available depending on the country selection.

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Standard features 4

Standard features

Simple everyday use

TV Control Switch & Operation
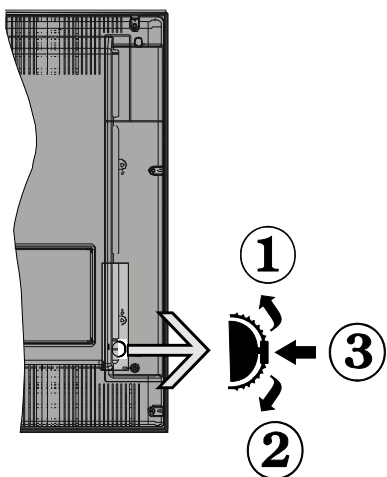
Fig 4.

1. Up direction

2. Down direction

3. Volume / Info / Sources List selection and Standby-On switch

The Control button allows you to control the Volume / Programme / Source and Standby-On functions of the TV.

To change volume: Increase the volume by pushing the button up. Decrease the volume by pushing the button down.

To change channel: Press the middle of the button, the information banner will appear on the screen. Scroll through the stored channels by pushing the button up or down.

To change source: Press the middle of the button twice (for the second time in total), the source list will appear on the screen. Scroll through the available sources by pushing the button up or down.

To turn the TV off: Press the middle of the button down and hold it down for a few seconds, the TV will turn into standby mode.

Notes:

• If you turn the TV off, this circle starts again beginning with the volume setting.

• Main menu OSD cannot be displayed via control button.

Operation with the Remote Control

Press the **Menu** button on your remote control to display main menu screen. Use the directional buttons to select a menu tab and press **OK** to enter. Use the directional buttons again to select or set an item. Press **Return/Back** or **Menu** button to quit a menu screen.

Input Selection

Once you have connected external systems to your TV, you can switch to different input sources. Press the **Source** button on your remote control consecutively to select the different sources.

Standby Notifications

If the TV does not receive any input signal (e.g. from an aerial or HDMI source) for 5 minutes, it will go into standby. When you next switch-on, the following message will be displayed: "TV switched to stand-by mode automatically because there was no signal for a long time." Press **OK** to continue.

If the TV is on and it hasn't been operated for a while it will go into standby. When you next switch-on, the following message will be displayed. "TV switched to stand-by mode automatically because no operation was made for a long time." Press **OK** to continue.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

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Standard features
Simple everyday use

Using the Channel List

The TV sorts all stored stations in the **Channel List**.

You can edit this channel list, set favourites or set active stations to be listed by using the **Channel List** options. Press the **OK**/**TV** button to open the **Channel List**. You can filter the listed channels by pressing the **Blue** button or open the **Edit Channel List** menu by pressing the **Green** button in order to make advanced changes in the current list.

Managing the Favourite Lists

You can create four different lists of your favourite channels.

Enter the **Channel List** in the main menu or press the **Green** button while the **Channel List** is displayed on the screen to open the **Edit Channel List** menu and select the desired channel on the list. You can make multiple choices by pressing the **Yellow** button. Then press the **OK** button to open the **Channel Edit Options** menu and select **Add/Remove Favourites** option. Press the **OK** button again. Set the desired list option to **On**. The selected channel/s will be added to the list.

To remove a channel or channels from a favourite list follow the same steps and set the desired list option to **Off**.

You can use the **Filter** function in the **Edit Channel List** menu to filter the channels in the **Channel list** permanently according to your preferences. Using this **Filter** option, you can set one of your four favourite lists to be displayed every time the **Channel list** is opened.

The filtering function in the **Channel list** menu will only filter the currently displayed **Channel list** to find a channel and tune in to it. These changes will not remain the next time the **Channel list** is opened.

How to Watch a DVD

When placing a disc into the loader, labeled side of the disc should be on the front.

When TV set is turned on, first switch to DVD source by using the **Source** button on the remote control. Press play on the remote control, or directly press play button at the front panel. If there is no disc inside the loader, place a DVD first and press play.

Note: If you switch to another source by pressing **Source**, **Swap** or **Programme +/-** buttons on the remote control, DVD playback will be paused automatically. You should press **Play** button and resume the playback manually when you switch to DVD mode.

DVD Control Panel Buttons

▶ / ❙❙ (Play / Pause)

Plays/pauses the disc. When DVD menu (root menu) is active, this button functions as "button select" (selects the highlighted item in menu) if this is not prohibited by the disc.

■ / ▲ (Stop / Eject)

Stop playing disc / Eject or Load the disc.

Notes:

- You cannot eject the disc via the remote control.

- While playing a file, you should press STOP button three times to eject.

General Playback

Basic Play

1. Press on the power button

2. Please insert a disc into the loader.

The disc will be automatically loaded and play will commence if the disc does not have any menus recorded on it.

A menu may appear on the TV screen after a few moments or the film may start immediately. This behaviour depends on the disc content and may change.

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Note: Steps 3 and 4 are available only when a menu is recorded on the disc.

3. Press **Down** / **Up** / **Left** / **Right** or the numeric button(s) to select the preferred title.

4. Press **OK**.

To confirm the selected items. The played item may be a motion picture, a still picture or another submenu depending on the disc.

For your reference:

If an action corresponding to a button is prohibited the "⊘" symbol appears.

Notes on Playback:

1. No sound will be heard during Rapid advance or Rapid reverse.

2. No sound will be heard during Slow motion play.

3. Reverse slow motion play may not be available depending on the DVD content.

4. In some cases, the subtitle language is not changed immediately to the selected one.

5. When the preferred language is not selected even after pressing the button several times, it means that the language is not available on the disc.

6. When the player is restarted or the disc is changed, the subtitle selection is automatically changed back to the initial settings.

7. If a language is selected, not supported by the disc, the subtitle language will automatically be set to the disc's priority language.

8. Usually a circulation will happen while switching to another language, that is you can cancel the subtitle by pressing this button a number of times until "**Subtitles Off**" appears on the screen.

9. When the power is turned on or the disc is removed, the language heard is the one selected at the initial settings. If this language is not recorded on the disc, only the available language on the disc will be heard.

10. Some DVDs may not contain root and/or title menus.

11. Reverse stepping is not available.

12. If you attempt to enter a number greater than
    - the total time of the current title, the time search
    - box disappears and ""⊘" Input Invalid" message
    - appears on up-left corner of screen.

13. Slide Show is disabled when the ZOOM mode is on.

Standard features
Simple everyday use

General DVD Operation (depending on model)

You can operate DVD, movie CD, music or picture CD's content by using the proper buttons on your remote control. Below are main functions of commonly used remote control buttons.

Buttons	DVD Playback	Movie Playback	Picture Playback	Music Playback
►	Play			
❚❚	Pause			
■	Stop			
◀ / ▶	Skip backward/forward		Rotate	Skip backward/forward
▼ / ▲	Highlights a menu item / Shifts the zoomed picture up or down (if available)			
◀◀ / ▶▶	Rapid advance / Rapid reverse			
⌕⊞	Views scenes from different angles (if available)		Changes slide effect (depends on content)	X
★/⏻	Displays time / Views main setup menu			
i	Time counter mode selection (during playback. Press repeatedly to switch between modes.			
LANG.	Auto language		X	X
Menu	Displays TV menu			
OK	Enter / View / Play			
Green	Displays repeat options			
Back	Returns to previous menu (if available)			
Yellow	Goes to the root folder (if available)			
★/🔍	Direct selection of scenes or time		Selects the desired file	
💬	Subtitles on/off. Press repeatedly to switch between subtitle options.		X	X
Blue	Displays disc menu (if available)		X	X
Red	Zooms picture. Press repeatedly to switch between zoom options.			

(*) You can switch to title by pressing numeric keys directly. You need to press 0 and then digit key to switch one digit titles (example: to select 5, press 0 and 5).

Other Functions – Button Combinations (During playback)

Buttons	Function
❚❚ + ▶▶	Slow forward
(❚❚ + ▶▶) + ◀◀ ▶▶	Sets slow forward speed
▶▶ + ▶▶	Sets rapid advance speed
◀◀ + ◀◀	Sets rapid reverse speed
■ + ■	Confirms stop command

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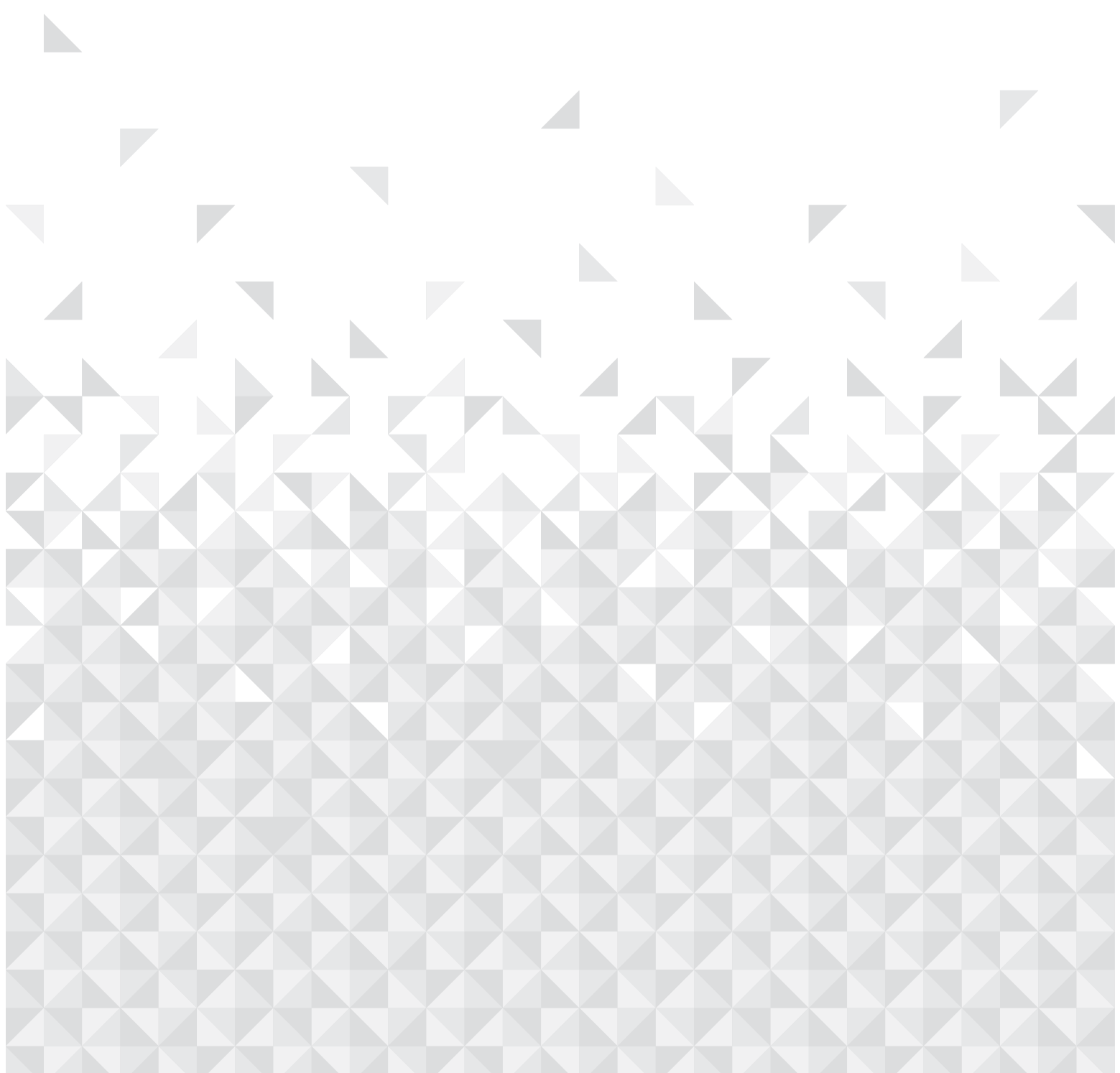
Advanced features

Getting the most from your TV

Media Playback via USB Input

You can connect 2.5" and 3.5" inch (hdd with external power supply) external hard disk drives or USB memory sticks to your TV by using the USB inputs of the TV.

IMPORTANT! Back up the files on your storage devices before connecting them to the TV. The manufacturer will not be responsible for any file damage or data loss. Certain types of USB devices (e.g. MP3 Players) or USB hard disk drives/memory sticks may not be compatible with this TV. The TV supports FAT32 and NTFS disk formatting.

While formatting USB hard drives which have more than 1TB (Tera Byte) storage space you may experience some problems in the formatting process.

Wait a little while before each plugging and unplugging as the player may still be reading files. Failure to do so may cause physical damage to the USB player and the USB device itself. Do not pull out your drive while playing a file.

You can use USB hubs with your TV's USB inputs. External power supplied USB hubs are recommended in such a case.

We recommend that you use the TV's USB input(s) directly, if you are going to connect a USB hard disk.

Note: When viewing image files the **Media Browser** menu can only display up to 1000 image files stored on the connected USB device.

Media Browser Menu

You can play photo, music and movie files stored on a USB disk by connecting it to your TV. Connect a USB disk to one of the USB inputs located on the side of the TV. Pressing the Menu button while in the Media Browser mode will access the Picture, Sound and Settings menu options. Pressing the Menu button again will exit from this screen. You can set your Media Browser preferences by using the Settings menu.

Loop/Shuffle Mode Operation

Start playback with the ▶ button and activate 🔁	All files in the list will be continuously played in original order.
Start playback with the **OK** button and activate 🔁	The same file will be played continuously (repeat).
Start playback with the ▶ button and activate 🔀	All files in the list will be played once in random order.
Start playback with the ▶ button and activate 🔀	All files in the list will be continuously played in the same random order.

Custom Boot Up Logo

You can personalize your TV and see your favorite image or photo on the screen each time your TV boots up. To do this, copy your favorite image files into a USB disk and open them from the **Media Browser** menu.

When you have chosen the desired image, highlight it and press **OK** to view it in full screen. Press **OK** again to choose the image as custom logo. A confirmation message will be displayed. Select **Yes** and press **OK** again. If the image is suitable (*) you will see it on the screen during the TV's next boot up.

Note: If you perform a First Time Installation the TV will return to using the default logo, if any.

(*) Images should have an aspect ratio of 16:9 and they should be in .jpg, .jpeg or .jpe file formats. Only files with sizes no greater then 300KB are supported. The image cannot be set as boot logo, which's resolution doesn't appear on the info banner.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

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Getting the most from your TV

CEC and CEC RC Passthrough

This function allows to control the CEC-enabled devices, that are connected through HDMI ports by using the remote control of the TV.

The **CEC** option in the **System>Settings>More** menu should be set as **Enabled** at first. Press the **Source** button and select the HDMI input of the connected CEC device from the **Sources List** menu. When new CEC source device is connected, it will be listed in source menu with its own name instead of the connected HDMI ports name (such as DVD Player, Recorder 1 etc.).

The TV remote is automatically able to perform the main functions after the connected HDMI source has been selected.

To terminate this operation and control the TV via the remote again, press **Quick Menu** button on the remote, highlight the **CEC RC Passthrough** and set as **Off** by pressing Left or Right button. This feature can also be enabled or disabled under the **System>Settings>More** menu.

The TV supports also ARC (Audio Return Channel) feature. This feature is an audio link meant to replace other cables between the TV and the audio system (A/V receiver or speaker system).

When ARC is active, TV does not mute its other audio outputs automatically. So you need to decrease TV volume to zero manually, if you want to hear audio from connected audio device only (same as other optical or co-axial digital audio outputs). If you want to change connected device's volume level, you should select that device from the source list. In that case volume control keys are directed to connected audio device.

Note: ARC is supported only via the HDMI1 input.

System Audio Control

Allows an Audio Amplifier/Receiver to be used with the TV. The volume can be controlled using the remote control of the TV. To activate this feature set the **Speakers** option in the **System>Settings>More** menu as **Amplifier**. The TV speakers will be muted and the sound of the watched source will be provided from the connected sound system.

Note: The audio device should support System Audio Control feature and **CEC** option should be set as **Enabled**.

E-Manual (optional)

You can find instructions for your TV's features in the E-Manual.

To use E-Manual, press to the **Info** button while main menu is displayed on the screen or press **Quick Menu** button, select **Information Booklet** and press **OK**.

By using the directional buttons select a desired category. Every category includes different topics. Select a topic and press **OK** to read instructions.

To close the E-Manual screen press the **Exit** or **Menu** button.

Note: The contents of the E-Manual may vary according to the model.

To Program Your SKY Remote

1. Make sure your SKY box is connected to your TV

2. Turn your TV and SKY box on

3. Press TV on your SKY remote control handset

4. Hold down SELECT and the RED button together for about two seconds, until the red light on the SKY remote blinks twice.

5. Key in 0065 on your SKY remote. The light on the SKY remote should blink twice

6. Press the STANDBY button on your SKY remote control. Your TV should now switch off.

7. Press SELECT again. The light on your SKY remote control should now blink twice

You should now be able to control some basic functions on your TV from your SKY remote control (e.g. volume up/down, programme up/down).

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Configuring Parental Settings

The **Parental Settings** menu options can be used to prohibit users from viewing of certain programmes, channels and using of menus. These settings are located in the **System>Settings>Parental** menu.

To display parental lock menu options, a PIN number should be entered. After coding the correct PIN number, **Parental Settings** menu will be displayed.

- **Menu Lock**: This setting enables or disables access to all menus or installation menus of the TV.

- **Maturity Lock**: If this option is set, TV gets the maturity information from the broadcast and if this maturity level is disabled, disables access to the broadcast.

    - **Note:** If the country option in the **First Time Installation** is set as France, Italy or Austria, **Maturity Lock's** value will be set to 18 as default.

- **Child Lock**: If this option is set to **ON**, the TV can only be controlled by the remote control. In this case the control buttons on the TV will not work.

- **Set PIN**: Defines a new PIN number.

- **Default CICAM PIN**: This option will appear as greyed out if no CI module is inserted into the CI slot of the TV. You can change the default PIN of the CI CAM using this option.

    - **Note**: Default PIN can be set to **0000** or **1234**. If you have defined the PIN(is requested depending on the country selection) during the **First Time Installation** use the PIN that you have defined. Some options may not be available depending on the country selection in the **First Time Installation**.

Electronic Programme Guide (EPG)

Some channels send information about their broadcast schedules. Press the **EPG** button to view the **Programme Guide** menu.

There are 3 different types of schedule layouts available, **Timeline Schedule**, **List Schedule** and **Now/Next Schedule**. To switch between them follow the instructions on the bottom of the screen.

Timeline Schedule

- **Zoom (Yellow button)**: Press the **Yellow** button to see events in a wider time interval.

- **Filter (Blue button)**: Views filtering options.

- **Select Genre (Subtitles button)**: Displays **Select Genre** menu. Using this feature, you can search the programme guide database in accordance with the genre. Info available in the programme guide will be searched and results matching your criteria will be highlighted.

- **Options (OK button)**: Displays event options.

- **Event Details (Info button)**: Displays detailed information about selected events.

- **Next/Prev Day (Programme +/- buttons)**: Displays the events of previous or next day.

- **Search (Text button)**: Displays **Guide Search** menu.

- **Now (Swap button)**: Displays current event of the highlighted channel.

List Schedule(*)

(*) In this layout option, only the events of the highlighted channel will be listed.

- **Prev. Time Slice (Red button)**: Displays the events of previous time slice.

- **Next/Prev Day (Programme +/- buttons)**: Displays the events of previous or next day.

- **Event Details (Info button)**: Displays detailed information about selected events.

- **Filter (Text button)**: Views filtering options.

- **Next Time Slice (Green button)**: Displays the events of next time slice.

- **Options (OK button)**: Displays event options.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

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Now/Next Schedule

- **Navigate (Directional buttons)**: Press the **Directional buttons** to navigate through the channels and events.

- **Options (OK button)**: Displays event options.

- **Event Details (Info button)**: Displays detailed information about selected events.

- **Filter (Blue button)**: Views filtering options.

Event Options

Use the directional buttons to highlight an event and press **OK** button to display **Event Options** menu. The following options are available.

- **Select Channel**: Using this option, you can switch to the selected channel.

- **Set Timer on Event / Delete Timer on Event**: After you have selected an event in the **EPG** menu, press the **OK** button. Select **Set Timer on Event** option and press the **OK** button. You can set a timer for future events.

To cancel an already set timer, highlight that event and press the **OK** button. Then select **Delete Timer on Event** option. The timer will be cancelled.

Notes: You cannot switch to any other channel or source while there is an active timer on the current channel.

It is not possible to set timer for two or more individual events at the same time interval.

Teletext Services

Press the **Text** button to enter. Press again to activate mix mode, which allows you to see the teletext page and the TV broadcast at the same time. Press once more to exit. If available, sections in the teletext pages will become colour-coded and can be selected by pressing the coloured buttons. Follow the instructions displayed on the screen.

Digital Teletext

Press the **Text** button to view digital teletext information. Operate it with the coloured buttons, cursor buttons and the **OK** button. The operation method may differ depending on the contents of the digital teletext. Follow the instructions displayed on the digital teletext screen. When the **Text** button is pressed again, the TV returns to television broadcast.

Software Upgrade

Your TV is capable of finding and updating the firmware automatically via the broadcast signal.

Software upgrade search via user interface

On the main menu select **System>Settings** and then **More**. Navigate to **Software upgrade** and press the **OK** button. In **Upgrade options** menu select **Scan for upgrade** and press **OK** button to check for a new software upgrade.

If a new upgrade is found, it starts to download the upgrade. After the download is completed confirm the question asking about rebooting the TV by pressing the **OK** to continue with the reboot operation.

3 AM search and upgrade mode

Your TV will search for new upgrades at 3:00 o'clock if **Automatic scanning** option in the **Upgrade options** menu is set to **Enabled** and if the TV is connected to an aerial signal. If a new software is found and downloaded successfully, it will be installed at the next power on.

Note: Do not unplug the power cord while led is blinking during the reboot process. If the TV fails to come on after the upgrade, unplug, wait for two minutes then plug it back in.

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TV Menu Contents

System - Picture Menu Contents

Mode	You can change the picture mode to suit your preference or requirements. Picture mode can be set to one of these options: **Cinema**, **Game**, **Sports**, **Dynamic** and **Natural**.
Contrast	Adjusts the light and dark values on the screen.
Brightness	Adjusts the brightness values on the screen.
Sharpness	Sets the sharpness value for the objects displayed on the screen.
Colour	Sets the colour value, adjusting the colours.
Energy Saving	For setting the Energy Saving to **Custom**, **Off**, **Minimum**, **Medium**, **Maximum**, **Auto**, **Screen off**. **Note**: Available options may differ depending on the selected **Mode**.
Backlight	This setting controls the backlight level. The backlight function will be inactive if the **Energy Saving** is set to an option other than **Custom**.
Advanced Settings	
Dynamic Contrast	You can change the dynamic contrast ratio to desired value.
Noise Reduction	If the signal is weak and the picture is noisy, use the **Noise Reduction** setting to reduce the amount of noise.
Colour Temp	Sets the desired colour temperature value. **Cool**, **Normal**, **Warm** and **Custom** options are available.
White Point	If the **Colour Temp** option is set as **Custom**, this setting will be available. Increase the 'warmth' or 'coolness' of the picture by pressing Left or Right buttons.
Picture Zoom	Sets the desired image size format.
Film Mode	Films are recorded at a different number of frames per second to normal television programmes.
Skin Tone	Skin tone can be changed between -5 and 5.
Colour Shift	Adjust the desired colour tone.
HDMI Full Range	While watching from a HDMI source, this feature will be visible. You can use this feature to enhance blackness in the picture.
PC Position	Appears only when the input source is set to VGA/PC.
Autoposition	Automatically optimizes the display. Press OK to optimize.
H Position	This item shifts the image horizontally to the right hand side or left hand side of the screen.
V Position	This item shifts the image vertically towards the top or bottom of the screen.
Dot Clock	Dot Clock adjustments correct the interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts.
Phase	Depending on the input source(computer etc.) you may see a hazy or noisy picture on the screen. You can use phase to get a clearer picture by trial and error.
Reset	Resets the picture settings to factory default settings (except **Game** mode).

While in VGA (PC) mode, some items in **Picture** menu will be unavailable. Instead, VGA mode settings will be added to the **Picture Settings** while in PC mode

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

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System - Sound Menu Contents

Volume	Adjusts the volume level.
Equalizer	Selects the equalizer mode. Custom settings can be made only when in User mode.
Balance	Adjusts whether the sound comes from the left or right speaker.
Headphone	Sets headphone volume. Please ensure before using headphones that the headphone volume is set to a low level, to prevent damage to your hearing.
Sound Mode	You can select a sound mode (If the viewed channel supports).
AVL (Automatic Volume Limiting)	Sets the sound to obtain fixed output level between programmes.
Headphone/Lineout	When you connect an external amplifier to your TV using the headphone jack, you can select this option as **Lineout**. If you have connected headphones to the TV, set this option as **Headphone**. Please ensure before using headphones that this menu item is set to **Headphone**. If it is set to **Lineout**, the output from the headphone socket will be set to maximum which could damage your hearing.
Dynamic Bass	Enables or disables the Dynamic Bass.
DTS TruSurround	Enables or disables the **DTS TruSurround**.
Digital Out	Sets digital out audio type.

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System - Setting Menu Contents

Conditional Access	Controls conditional access modules when available.
Language	You may set a different language depending on the broadcaster and the country.
Parental	Enter correct password to change parental settings. You can easily adjust **Menu Lock**, **Maturity Lock**, **Child Lock** or **Guidance** in this menu. You can also set a new **PIN** or change the **Default CICAM PIN** using the related options. **Note**: Some menu options may not be available depending on the country selection in the **First Time Installation**. Default PIN can be set to 0000 or 1234. If you have defined the PIN(is requested depending on the country selection) during the **First Time Installation** use the PIN that you have defined.
Timers	Sets sleep timer to turn off the TV after a certain time. Sets timers for selected programmes.
Date/Time	Sets date and time.
Sources	Enables or disables selected source options.
Network/Internet Setttings	Displays network/internet settings.
Accessibility	Displays accessibility options of the TV.
Hard of Hearing	Enables any special feature sent from the broadcaster.
Audio Description	A narration track will be played for the blind or visually impaired audience. Press **OK** to see all available **Audio Description** menu options. This feature is available only if the broadcaster supports it.
More	Displays other setting options of the TV.
Menu Timeout	Changes timeout duration for menu screens.
Software Upgrade	Ensures that your TV has the latest firmware. Press **OK** to see the menu options.
Application Version	Displays current software version.
Subtitle Mode	This option is used to select which subtitle mode will be on the screen (**DVB** subtitle/ **Teletext** subtitle) if both is available. Default value is **DVB** subtitle. This feature is available only for the country option of Norway.
Auto TV OFF	Sets the desired time for the TV to automatically go into standby mode when not being operated.
Store Mode	Select this mode for store display purposes. Whilst **Store Mode** is enabled, some items in the TV menu may not be available.
Power Up Mode	This setting configures the power up mode preference. **Last State** and **Standby** options are available.
CEC	With this setting you can enable and disable CEC functionality completely. Press Left or Right button to enable or disable the feature.
CEC Auto Power On	This function allows the connected HDMI-CEC compatible device to turn on the TV and switch to its input source automatically. Press Left or Right button to enable or disable the feature.
Speakers	To hear the TV audio from the connected compatible audio device set as **Amplifier**. You can use the remote control of the TV to control the volume of the audio device.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

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Installation Menu Contents

Automatic Channel Scan (Retune)	Displays automatic tuning options. **Digital Aerial**: Searches and stores aerial DVB stations. **Analogue**: Searches and stores analogue stations.
Manual Channel Scan	This feature can be used for direct broadcast entry.
Network Channel Scan	Searches for the linked channels in the broadcast system. **Digital Aerial**: Searches for aerial network channels.
Analogue Fine Tune	You can use this setting for fine tuning analogue channels. This feature is not available if no analogue channels are stored.
First Time Installation	Deletes all stored channels and settings, resets TV to factory settings.

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Other information

Helpful technical information

Environmental Information

This television is designed to be environment friendly. To reduce energy consumption, you can follow these steps:

- If you set the **Energy Saving** to **Minimum**, **Medium**, **Maximum** or **Auto** the TV will reduce the energy consumption accordingly.

- If you set the **Backlight** to a fixed value set as **Custom** and adjust the **Backlight** (located under the **Energy Saving** setting) manually using Left or Right buttons on the remote. Set as **Off** to turn this setting off.

Note: Available **Energy Saving** options may differ depending on the selected **Mode** in the **System>Picture** menu.

The **Energy Saving** settings can be found in the **System>Picture** menu. Note that some picture settings will be unavailable to be changed.

If you press the Right button while **Auto** option is selected or the Left button while **Custom** option is selected, "Screen will be off in 15 seconds." message will be displayed on the screen. Select **Proceed** and press **OK** to turn the screen off immediately. If you don't press any button, the screen will be off in 15 seconds. Press any button on the remote or on the TV to turn the screen on again.

Note: **Screen Off** option is not available if the **Mode** is set to **Game**.

When the TV is not in use, please switch off or disconnect the TV from the mains plug. This will also reduce energy consumption.

Notes on DVDs

On handling discs

- To keep the disc clean, handle the disc by its edge. Do not touch the surface.

- Do not stick paper or tape on the disc.

- If the disc is contaminated with any substance like glue remove before using it.
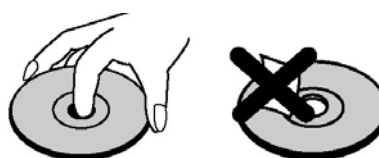
Fig 5.

- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature can rise quickly and damage the disc.

- After playing, store the disc in its case.

On cleaning
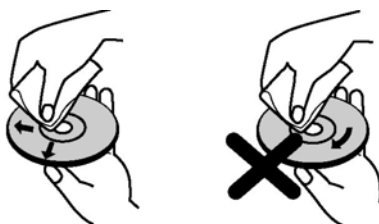
Fig 6.

- Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out.

- Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Other information
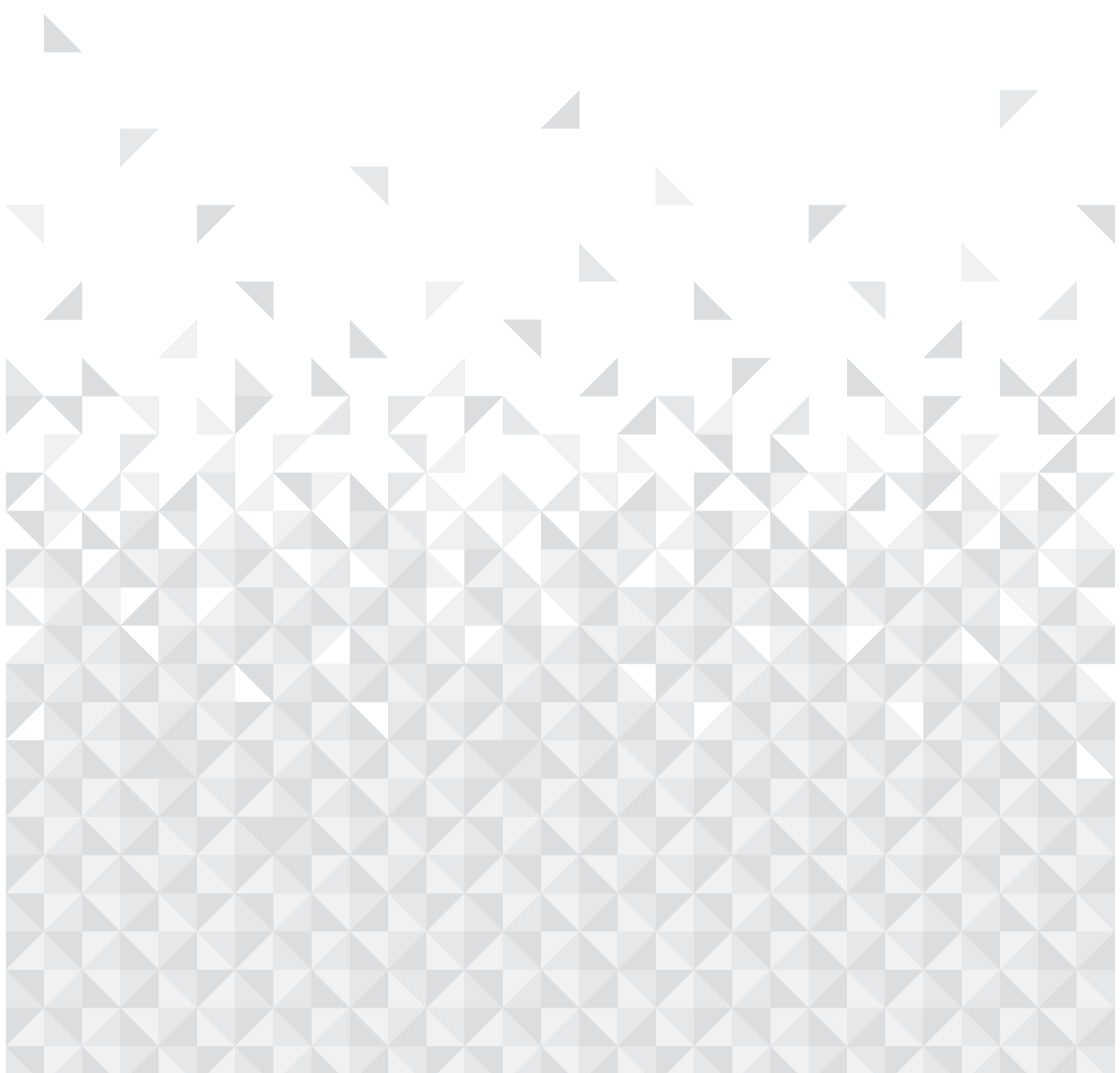
Helpful technical information

Specification

TV Broadcasting	PAL BG/DK/II'
	SECAM BG/DK
Receiving Channels	VHF (BAND I/III) - UHF (BAND U) - HYPERBAND
Digital Reception	Fully integrated digital terrestrial TV (DVB-T) (DVB-T2 compliant)
Number of Preset Channels	1.000
Channel Indicator	On Screen Display
RF Aerial Input	75 Ohm (unbalanced)
Operating Voltage	220-240V AC, 50Hz
Audio	DTS TruSurround
Audio Output Power (WRMS.) (10% THD)	2 x 6W
Power Consumption (W)	65W
Weight (Kg)	6.55
TV Dimensions DxLxH (with foot) (mm)	185 x 735 x 478
TV Dimensions DxLxH (without foot) (mm)	94/97 x 735 x 438
Display	32"
Operating Temperature and Operation Humidity	0°C up to 40°C, 85% humidity max
VESA	200 x 100 M4

Product Fiche

Commercial Brand	Bush
Product No.	10103643
Model No.	DLED32265HDDVDB
Energy efficiency class	A+
Visible screen size (diagonal, approx.) (inch/cm)	32 inches / 81 cm
On mode average power consumption (Watt)	31
Annual energy consumption (kWh/annum)	45
Standby power consumption (Watt)	0.5
Off mode power consumption (Watt)	0
Display resolution (px)	1366 x 768
Standby Power Consumption (approx.)	0.5W
Screen Resolution	1366 x 768

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PC Input Typical Display Modes

Index	Resolution	Frequency
1	640 x 350	85Hz
2	640 x 400	70Hz
3	640 x 480	60Hz
4	640 x 480	66Hz
5	640 x 480	72Hz
6	640 x 480	75Hz
7	640 x 480	85Hz
8	800 x 600	56Hz
9	800 x 600	60Hz
10	800 x 600	70Hz
11	800 x 600	72Hz
12	800 x 600	75Hz
13	800 x 600	85Hz
14	832 x 624	75Hz
15	1024 x 768	60Hz
16	1024 x 768	66Hz
17	1024 x 768	70Hz
18	1024 x 768	72Hz
19	1024 x 768	75Hz
20	1024 x 768	85Hz
21	1152 x 864	60Hz
22	1152 x 864	70Hz
23	1152 x 864	75Hz
24	1152 x 864	85Hz
25	1152 x 864	75Hz
26	1280 x 768	60Hz
27	1360 x 768	60Hz
28	1280 x 768	75Hz
29	1280 x 768	85Hz
30	1280 x 960	60Hz
31	1280 x 960	75Hz
32	1280 x 960	85Hz
33	1280 x 1024	60Hz
34	1280 x 1024	75Hz
35	1280 x 1024	85Hz
36	1400 x 1050	60Hz

Index	Resolution	Frequency
37	1400 x 1050	75Hz
38	1400 x 1050	85Hz
39	1440 x 900	60Hz
40	1440 x 990	75Hz
41	1600 x 1200	60Hz
42	1680 x 1050	60Hz
43	1920 x 1080	60Hz
44	1920 x 1200	60Hz

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Other information

Helpful technical information

AV and HDMI Signal Compatibility

Source	Supported Signals		Available
EXT (SCART)	PAL		O
	SECAM		O
	NTSC4.43		O
	NTSC3.58		O
	RGB 50/60		O
Side AV	PAL		O
	SECAM		O
	NTSC4.43		O
	NTSC3.58		O
YPbPr	480i, 480p	60Hz	O
	576i, 576p	50Hz	O
	720p	50Hz, 60Hz	O
	1080i	50Hz, 60Hz	O
HDMI1 HDMI2	480i, 480p	60Hz	O
	576i, 576p	50Hz	O
	720p	50Hz, 60Hz	O
	1080i	50Hz, 60Hz	O
	1080p	24Hz	O
		25Hz	
		30Hz	
		50Hz	
		60Hz	

(X: Not Available, O: Available)

In some cases a signal on the TV may not be displayed properly. The problem may be an inconsistency with standards from the source equipment (DVD, Set-top box, etc.). If you do experience such a problem please contact your dealer and also the manufacturer of the source equipment.

or online at **www.argos-support.co.uk** If you still require further assistance, call one of our experts on **0345 604 0105**.

Other information   BUSH   41

Other information
Helpful technical information

Supported File Formats

Supported Video File Formats for USB Mode

Extension	Video Codec	SPEC (Resolution) & Bit Rate
.dat, .vob	MPEG1/2	1080P@30fps - 40 Mbps
.mpg, .mpeg	MPEG1/2, MPEG4	
.ts, .trp, .tp	MPEG1/2, H.264, AVS, MVC	**H.264**: 1080Px2@30fps - 62.5 Mbps, 1080P@60fps - 62.5 Mbps **MVC**: 1080P@30fps - 62.5 Mbps **Other**: 1080P@30fps - 40Mbps
.mp4, .mov, .3gpp, .3gp	MPEG1/2, MPEG4,H.263, H.264, Motion JPEG	**H.264**: 1080Px2@30fps - 62.5 Mbps, 1080P@60fps - 62.5 Mbps **Motion JPEG**: 640x480@30fps - 10 Mbps **Other**: 1080P@30fps - 40 Mbps
.avi	MPEG1/2, MPEG4, Sorenson H.263, H.263, H.264, WMV3, Motion JPEG	
.mkv	MPEG1/2, MPEG4, H.263, H.264, WMV3, Motion JPEG	
.asf	Sorenson H.263, H.264, WMV3, Motion JPEG	
.flv	WMV3	1080P@30fps - 40 Mbps
.swf	RV30/RV40	1080P@30fps - 40 Mbps
.wmv		

Supported Picture File Formats for USB Mode

Image	Photo	Resolution (width x height)	Remark
JPEG	Base-line	15360 x 8640	The limitation of max resolution depends on DRAM size
	Progressive	1024 x 768	
PNG	non-interlace	9600 x 6400	
	interlace	1200 x 800	
BMP		9600 x 6400	

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Other information

Helpful technical information

Supported Audio File Formats for USB Mode

Extension	Audio Codec	Bit Rate	Sample Rate
.mp3	MPEG1/2 Layer 1	32Kbps ~ 448Kbps	16Khz ~ 48 Khz
	MPEG1/2 Layer 2	8Kbps ~ 384Kbps	
	MPEG1/2 Layer 3	8Kbps ~ 320Kbps	
.avi	MPEG1/2 Layer 1	32Kbps ~ 448Kbps	16Khz ~ 48 Khz
	MPEG1/2 Layer 2	8Kbps ~ 384Kbps	
	MPEG1/2 Layer 3	8Kbps ~ 320Kbps	
	AC3	32Kbps ~ 640Kbps	32Khz, 44.1Khz, 48Khz
	AAC, HEAAC		8Khz ~ 48Khz
	WMA	128Kbps ~ 320Kbps	8Khz ~ 48Khz
	WMA 10 Pro M0	< 192Kbps	48Khz
	WMA 10 Pro M1	< 384Kbps	48Khz
	WMA 10 Pro M2	< 768Kbps	96Khz
	LPCM	64Kbps ~ 1.5Mbps	8Khz ~ 48Khz
	IMA-ADPCM, MS-ADPCM	384Kbps	8Khz ~ 48Khz
	G711 A/mu-law	64Kbps ~ 128Kbps	8Khz
.asf	MPEG1/2 Layer 1	32Kbps ~ 448Kbps	16Khz ~ 48 Khz
	MPEG1/2 Layer 2	8Kbps ~ 384Kbps	
	MPEG1/2 Layer 3	8Kbps ~ 320Kbps	
	WMA	128Kbps ~ 320Kbps	8Khz ~ 48Khz
	WMA 10 Pro M0	< 192Kbps	48Khz
	WMA 10 Pro M1	< 384Kbps	48Khz
	WMA 10 Pro M2	< 768Kbps	96Khz
.mkv, .mka	MPEG1/2 Layer 1	32Kbps ~ 448Kbps	16Khz ~ 48 Khz
	MPEG1/2 Layer 2	8Kbps ~ 384Kbps	
	MPEG1/2 Layer 3	8Kbps ~ 320Kbps	
	AC3	32Kbps ~ 640Kbps	32Khz, 44.1Khz, 48Khz
	AAC, HEAAC		8Khz ~ 48Khz
	WMA	128Kbps ~ 320Kbps	8Khz ~ 48Khz
	WMA 10 Pro M0	< 192Kbps	48Khz
	WMA 10 Pro M1	< 384Kbps	48Khz
	WMA 10 Pro M2	< 768Kbps	96Khz
	VORBIS		Up to 48Khz
	LPCM	64Kbps ~ 1.5Mbps	8Khz ~ 48Khz
	IMA-ADPCM, MS-ADPCM	384Kbps	8Khz ~ 48Khz
	G711 A/mu-law	64Kbps ~ 128Kbps	8Khz
	FLAC	< 1.6Mbps	8Khz ~ 96Khz

Other information

Helpful technical information

Extension	Audio Codec	Bit Rate	Sample Rate
.ts, .trp, .tp, .dat, .vob, .mpg, .mpeg	MPEG1/2 Layer 1	32Kbps ~ 448Kbps	16Khz ~ 48 Khz
	MPEG1/2 Layer 2	8Kbps ~ 384Kbps	
	MPEG1/2 Layer 3	8Kbps ~ 320Kbps	
	AC3	32Kbps ~ 640Kbps	32Khz, 44.1Khz, 48Khz
	EAC3	32Kbps ~ 6Mbps	32Khz, 44.1Khz, 48Khz
	AAC, HEAAC		8Khz ~ 48Khz
	LPCM	64Kbps ~ 1.5Mbps	8Khz ~ 48Khz
.wav	MPEG1/2 Layer 1	32Kbps ~ 448Kbps	16Khz ~ 48 Khz
	MPEG1/2 Layer 2	8Kbps ~ 384Kbps	
	MPEG1/2 Layer 3	8Kbps ~ 320Kbps	
	LPCM	64Kbps ~ 1.5Mbps	8Khz ~ 48Khz
	IMA-ADPCM, MS-ADPCM	384Kbps	8Khz ~ 48Khz
	G711 A/mu-law	64Kbps ~ 128Kbps	8Khz
.3gpp, .3gp, .mp4, .mov, .m4a	MPEG1/2 Layer 3	8Kbps ~ 320Kbps	16Khz ~ 48 Khz
	AC3	32Kbps ~ 640Kbps	32Khz, 44.1Khz, 48Khz
	EAC3	32Kbps ~ 6Mbps	32Khz, 44.1Khz, 48Khz
	AAC, HEAAC		8Khz ~ 48Khz
	VORBIS		Up to 48Khz
	LPCM	64Kbps ~ 1.5Mbps	8Khz ~ 48Khz
	IMA-ADPCM, MS-ADPCM	384Kbps	8Khz ~ 48Khz
	G711 A/mu-law	64Kbps ~ 128Kbps	8Khz
.flv	MPEG1/2 Layer 3	8Kbps ~ 320Kbps	16Khz ~ 48 Khz
	AAC, HEAAC		8Khz ~ 48Khz
.ac3	AC3	32Kbps ~ 640Kbps	32Khz, 44.1Khz, 48Khz
	AAC, HEAAC		8Khz ~ 48Khz
.swf	MPEG1/2 Layer 3	8Kbps ~ 320Kbps	16Khz ~ 48 Khz
.ec3	EAC3	32Kbps ~ 6Mbps	32Khz, 44.1Khz, 48Khz
.rm, .rmvb, .ra	AAC, HEAAC		8Khz ~ 48Khz
	LBR (cook)	6Kbps ~ 128Kbps	8Khz, 11.025Khz, 22.05Khz, 44.1Khz
.wma, .wmv	WMA	128Kbps ~ 320Kbps	8Khz ~ 48Khz
	WMA 10 Pro M0	< 192Kbps	48Khz
	WMA 10 Pro M1	< 384Kbps	48Khz
	WMA 10 Pro M2	< 768Kbps	96Khz
.webm	VORBIS		Up to 48Khz

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Other information

Helpful technical information

Supported Subtitle File Formats for USB Mode

Internal Subtitles

Extension	Container	Subtitle Code
.dat, .mpg, .mpeg, .vob	MPG, MPEG	DVD Subtitle
.ts, .trp, .tp	TS	DVB Subtitle
.mp4	MP4	DVD Subtitle UTF-8 Plain Text
.mkv	MKV	ASS SSA UTF-8 Plain Text VobSub DVD Subtitle

External Subtitles

Extension	Subtitle Parser	Remark
.srt	Subrip	
.ssa / .ass	SubStation Alpha	
.smi	SAMI	
.sub	SubViewer MicroDVD DVDSusbtitleSystem SubIdx (VobSub)	SubViewer 1.0 & 2.0 only
.txt	TMPlayer	

or online at **www.argos-support.co.uk** If you still require further assistance, call one of our experts on **0345 604 0105**.

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Other information

Helpful technical information

Supported DVI Resolutions

When connecting devices to your TV's connectors by using DVI converter cable(DVI to HDMI cable - not supplied), you can refer to the following resolution information.

	56Hz	60Hz	66Hz	70Hz	72Hz	75Hz
640 x 400				☑		
640 x 480		☑	☑		☑	☑
800 x 600	☑	☑		☑	☑	☑
832 x 624						☑
1024 x 768		☑	☑	☑	☑	☑
1152 x 864		☑		☑		☑
1152 x 870						☑
1280 x 768		☑				☑
1360 x 768		☑				
1280 x 960		☑				☑
1280 x 1024		☑				☑
1400 x 1050		☑				☑
1440 x 900		☑				☑
1600 x 1200		☑				
1680 x 1050		☑				
1920 x 1080		☑				
1920 x 1200		☑				

DVB-T Functionality Information

This DVB receiver is only suitable for use in the country which it was designed to be used in.

Although this DVB receiver conforms to the latest DVB specifications at the time of manufacture, we cannot guarantee compatibility with future DVB transmissions due to changes that may be implemented in broadcast signals and technologies.

Some digital television functions may not be available in all countries.

We continually strive to improve our products; therefore, specifications may change without prior notice.

For advice on where to purchase accessories, plase contact the store where you purchased your equipment.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Other information

Helpful technical information

Disc Types Compatible With This Unit

Disc Types (Logos)	Recording Types	Disc Size	Max. Playing Time	Characteristics
DVD VIDEO™	Audio & Video	12cm	Single-sided: 240 min. Double-sided: 480 min.	DVD contains excellent sound and video due to Dolby Digital and MPEG-2 System. Various screen and audio functions can be easily selected through the on-screen menu.
COMPACT disc DIGITAL AUDIO	Audio	12cm	74 min.	An LP is recorded as an analog signal with more distortion. CD is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.
MP3 READABLE	Audio (xxxx.mp3)	12cm	It depends on MP3 quality.	MP3 is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time.
JPEG READABLE	Video (still picture)	12cm	It depends on JPEG quality.	JPEG is recorded as a Digital Signal with better picture quality over time.

For proper operation, only 12 cm discs must be used.

DVD Specification

Types of Discs Supported	**DVD**: SS/SL 4.7" (DVD-5) SS/DL 4.7" (DVD-9) DS/SL 4.7" (DVD-10) DS/DL 4.7" (DVD-18)	CD-DA CD-R CD-RW MP-3/JPEG
Video Type	MPEG-2 Video Standard Decoding (MPEG-1 supported) Full-Screen Video Display of 720 x 576 (PAL) & 720 x 480 (NTSC) pixels 50 and 60 Hz frame refresh rates (PAL & NTSC) Digital bit-stream processing rate up to 108Mbits/sec Line resolution more than 500 lines	
Audio Type	MPEG Multichannel Decoding LPCM	
Audio Output	**Analog Outputs**: 24 bit /48, 44.1kHz down-sampling DAC	

or online at **www.argos-support.co.uk** If you still require further assistance, call one of our experts on **0345 604 0105**.

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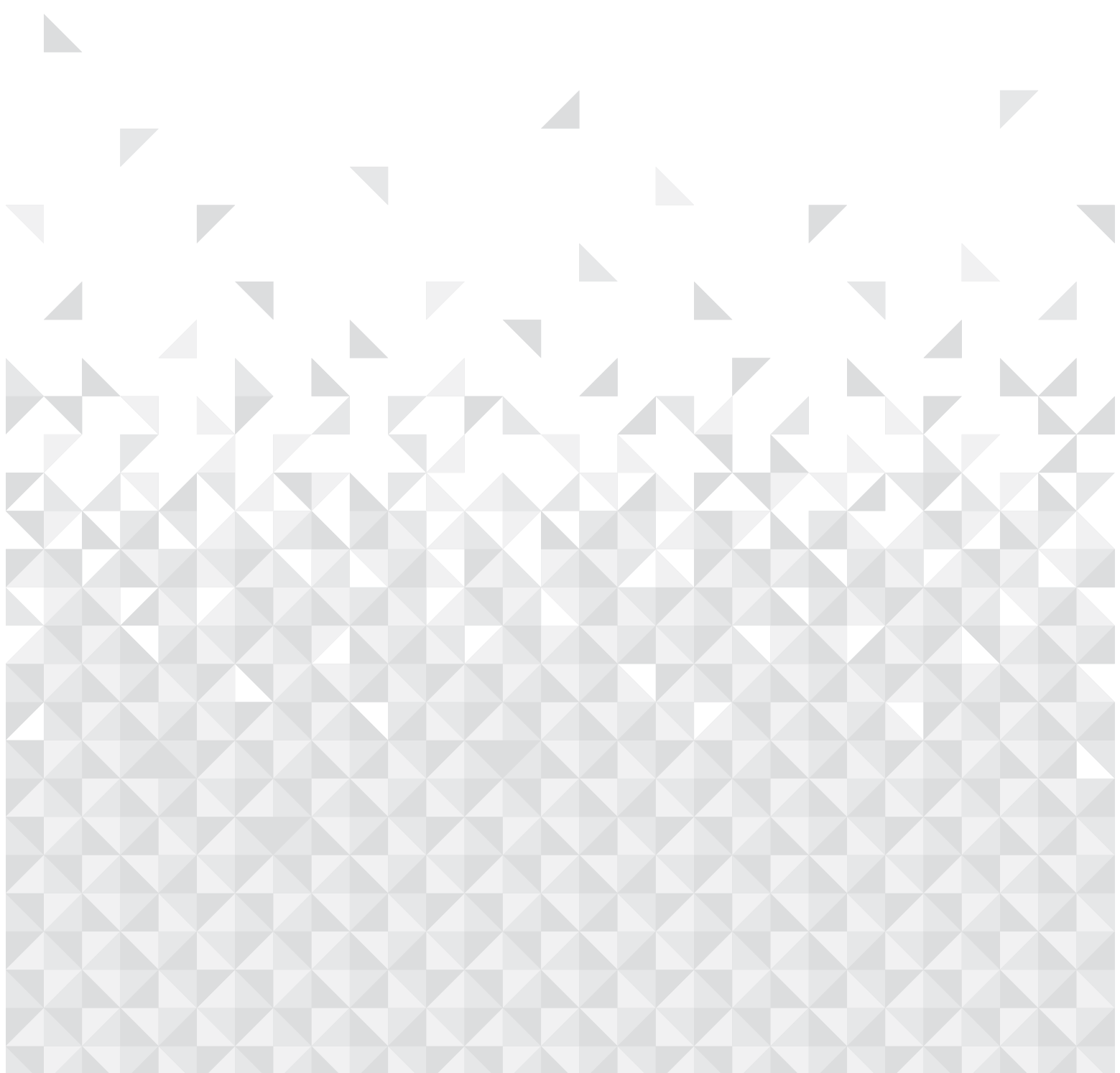
Product support

Help is always at hand

Troubleshooting (TV)

TV will not turn on

Make sure the power cord is plugged in securely to wall outlet. Check if batteries are exhausted. Press the Power button on the TV.

Poor picture

- Check if you have selected the correct TV system.
- Low signal level can cause picture distortion. Please check antenna access.
- Check if you have entered the correct channel frequency if you have done manual tuning.
- The picture quality may degrade when two devices are connected to the TV at the same time. In such a case, disconnect one of the devices.

No picture

- This means your TV is not receiving any transmission. Make sure the correct source has been selected.
- Is the antenna connected properly?
- Is the antenna cable damaged?
- Are suitable plugs used to connect the antenna?
- If you are in doubt, consult your dealer.

No sound

- Check if the TV is muted. Press the Mute button or increase the volume to check.
- Sound may be coming from only one speaker. Check the balance settings from Sound menu.

Remote control - no operation

- The batteries may be exhausted. Replace the batteries.

Input sources - can not be selected

- If you cannot select an input source, it is possible that no device is connected. If not;
- Check the AV cables and connections if you are trying to switch to the input source dedicated to the connected device.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Product support

Help is always at hand

Troubleshooting (DVD)

Poor picture quality (DVD)

- Make sure the DVD disc surface is not damaged. (Scratch, fingerprint etc.)
- Clean the DVD disc and try again.

See instructions described in "Notes on Discs" to clean your disc properly.

- Ensure that the DVD disc is in the tray with the label facing upward.
- A damp DVD disc or condensation may effect the equipment. Wait for 1 to 2 hours in Stand-by to dry the equipment.

Disc does not play

- No disc in the machine. Place a disc into the loader.

Disc incorrectly loaded.

- Ensure that the DVD disc is in the tray with the label facing upward.

Wrong type of disc.

- The machine cannot play CD-ROMS, etc.
- The region code of the DVD must match the player.

Wrong OSD language

- Select the language in the set-up menu.
- The language for the sound or subtitles on a DVD cannot be changed.
- Multilingual sound and/or subtitles not recorded on the DVD.
- Try to change the sound or subtitles using DVD's title menu. Some DVD's do not allow the user to change these settings without using the disc's menu.
- These functions are not available on the DVD.

No picture

- Make sure you have pressed the correct buttons on the remote control.
- Try once more.

or online at **www.argos-support.co.uk** If you still require further assistance, call one of our experts on **0345 604 0105**.

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Product support

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Troubleshooting (DVD)

No sound

- Check if volume is set to an audible level.
- Make sure the sound isn't turned off by mistake.

Distorted sound

- Check that the appropriate listening mode setting is correct.

If nothing works

If you have tried the above solutions and none seem to work, try switching your TV-DVD off and on again.

If this does not work, contact your supplier or TV-DVD repair technician. Never attempt to repair a defective TV-DVD yourself.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Product support

Help is always at hand

Help and assistance

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions or online at **www.argos-support.co.uk**

If you still require further assistance, call one of our experts on **0345 604 0105***. To help give us give you a fast and efficient service please have the following information ready:

Model Ref.		You can find these on the rating plate - a small information panel (usually a sticker or metal plate) on the rear of your TV
Serial number		
Date of purchase		This will be shown on your receipt

Local call rates applies*

Lines open 8am-7pm Monday to Saturday and 10am-4pm Sunday.

*Calls to Argos enquiry lines may attract a charge and set up fee from residential lines depending on your call plan/tariff. Mobile and other providers costs may vary, see www.bt.com/pricing for details.

For security and training purposes, telephone calls to and from customer service centres may be recorded and monitored. Calls from Republic of Ireland will attract international call charges.

or online at **www.argos-support.co.uk** If you still require further assistance, call one of our experts on **0345 604 0105**.

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Product support

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Disposal

Instructions for waste disposal:

- Packaging and packaging aids are recyclable and should principally be recycled. Packaging materials, such as foil bags, must be kept away from children.

- Batteries, including those which are heavy metal-free, should not be disposed of with household waste. Please dispose of used batteries in an environmentally friendly manner. Find out about the legal regulations which apply in your area.

- Don't try to recharge batteries. Danger of explosion.

- Replace batteries only with the same or equivalent type.

Information for Users in European Union Countries

- The mark shown on the right is in compliance with the Waste Electrical and Electronic Equipment Directive 2012/19/EU (WEEE).

- The mark indicates the requirement NOT to dispose the equipment including any spent or discarded batteries as unsorted municipal waste, but use the return and collection systems available. If the batteries or accumulators included with this equipment display the chemical symbol Hg, Cd, or Pb, then it means that the battery has a heavy metal content of more than 0.0005% Mercury, or more than 0.002% Cadmium or more than, 0.004% Lead.

If you require any technical guidance or find that your TV is not operating as intended, a simple solution can often be found in the **Troubleshooting** section of these instructions,

Product support

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BUSH

Call us now and activate your 12 month guarantee

Thank you for choosing Bush. Your new product is guaranteed against faults and breakdowns for 12 months. Don't forget to register it with us today so we can provide you with our best possible after-sales service and useful updates.

www.bushregistration.co.uk

FREEPHONE*

0800 597 8548

Lines are open 8am - 8pm, 365 days a year. *Calls may be recorded and monitored.

Your Bush Guarantee

This product is guaranteed for twelve months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will be repaired free of charge (or if applicable the product will be replaced or the purchase price refunded) where possible during this period by the dealer from who your purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in the manual.
- It must be used solely for domestic purposes. The guarantee will be rendered invalid if the product is

re-sold or has been damaged by inexpert repair.

- Specifications are subject to change without notice.
- Bush disclaim any liability for loss or damage arising from the breakdown of the product.
- This guarantee is in addition to and does not diminish your statutory or legal rights.

Important Data Protection Information

If you provide us with information about another person, you confirm that they have appointed you to act for them, to consent to the processing of their personal data including sensitive personal data and that you have informed them of our identity and the purposes (as set out in the Important Data Privacy notice displayed overleaf) for which their personal data will be processed.

You are entitled to ask for a copy of the information we hold about you (for which we may charge a small fee) and to have any inaccuracies in your information corrected.

For quality control and training purposes, we may monitor or record your communications with us.

If your personal details change, if you change your mind about any of your marketing preferences or if you have any queries about how we use your information, please let us know by contacting our Data Protection **Officer, Domestic & General, Leicester House** 17 Leicester Street, Bedworth, Warwickshire CV12 8JP.

Guarantor: Argos Limited - 489 - 499 Avebury Blvd. - Milton Keynes - MK9 2NW

or online at **www.argos-support.co.uk** If you still require further assistance, call one of our experts on **0345 604 0105**.

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FreeviewHD · HD ready 720p · DVD VIDEO · DOLBY AUDIO · HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE · dts TruSurround · dts 2.0+Digital Out