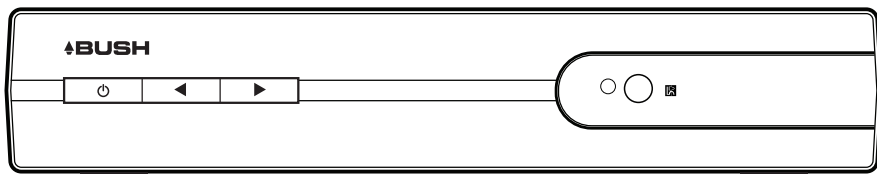


BUSH - Set Top Box

Installation & User Instructions – Please keep for future reference

152/6019 (D)

BUSH
Real Life Technology



Important – Please read these instructions fully before installing or using

These instructions contain important information which will help you get the best from your appliance and ensure safe and correct installation, use and maintenance.

If you need help or have damaged or missing parts, call the Customer Helpline: 0870 600 3030

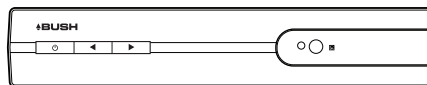
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AUTO STANDBY NOTICE

Please note, by default this unit is designed to enter standby mode after 3 hours of use.

A pop-up window will appear to allow or cancel the operation. This function can be disabled, see page 11 (Auto Standby)



Product Codes

CDVB52



Safety information

Important – Please read these instructions fully before installation

- Attempts to repair this will invalidate the warranty.
- Refer repairs to this CDVB52 to a qualified service personnel only.
- Do not disassemble this CDVB52.
- There are dangerous-voltage parts inside that may cause electric shock even after power is disconnected.
- Store your CDVB52 in a clean, dry environment.
- Unplug the CDVB52 immediately if it gets wet, and consult a servicing technician.
- Always unplug the CDVB52 before cleaning it.
- Wipe dust off the cabinet of the CDVB52 with a clean, dry and soft cloth.
- Do not place any objects on top of the CDVB52.
- Avoid exposing your CDVB52 directly to sunlight or other heat sources.
- Put your CDVB52 in a well-ventilated area away from high humidity.
- Do not expose this CDVB52 to rain or moisture, dripping or splashing.
- For stubborn stains use a damp (not dripping) cloth.
- Do not use any cleaning solutions on this CDVB52.
- If smoke, abnormal noise or odour comes out of the CDVB52, unplug from the mains supply immediately and contact the retailer. Never try to repair the CDVB52 on your own. Always contact the dealer.

NOTE: This manual contains for-reference-only graphics and information that are subject to change without notice.

- As per the EN 60065 norm requirements, please pay particular attention to the following safety guidelines.
- Do not obstruct the air vents with objects such as newspapers, table cloths, curtains etc. Allow at least 5 cm around the product to allow enough ventilation.
- Do not place the product on or near flammable objects such as lit candles. The device may not be exposed to dripping or splashing and no object filled with liquid, such as vases, must be put on the device. If the mains power supply is used as the on / off control, it must be easily accessible.
- Please respect the environment and the law : do not throw batteries with the household rubbish ; take them back to your retailer and dispose of them in the correct container.

Electrical Information


This CDVB52 is fitted with a BS1363/A 13 amp plug. If it is not suitable for your supply sockets it must be removed and replaced with an appropriate plug.

If the plug becomes damaged and/or needs to be replaced please follow the wiring instructions below. The plug removed must be disposed of immediately.

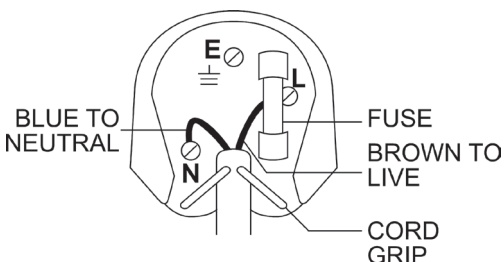
It must not be plugged into a supply socket as this will be an electrical hazard.

If the fuse needs to be replaced it must be of the same rating and ASTA approved to BS1362. If the plug is changed, a fuse of the appropriate rating must be fitted in the plug, adapter or at the distribution board. If the fuse in a moulded plug is replaced, the fuse cover must be refitted before the appliance can be used.

2-Core plug WARNING: Do not connect either wire to the earth terminal.

 This symbol indicates that this 2-core appliance is Class II and does not require an earth connection.

- The unit is designed to operate on AC mains supply 230 volts, 50 Hz.
- The wires in the mains lead are coloured in accordance with the following code:



BLUE.....NEUTRAL

BROWN.....LIVE

- Under no circumstances should Neutral or Live wires be connected to the 'E' (Earth) terminal.

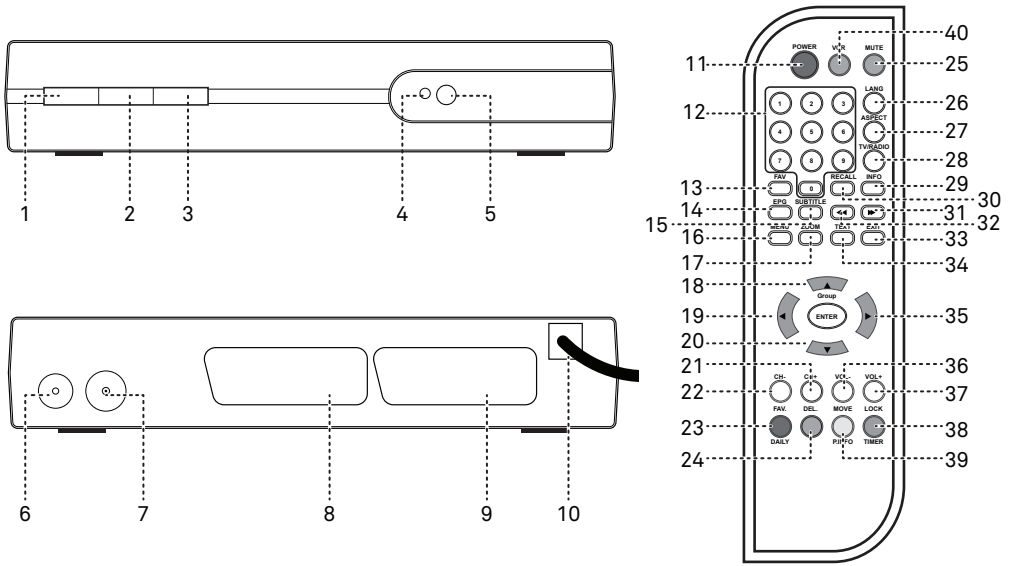
Functions & controls

Please familiarize yourself with the parts and accessories listed below

Accessories included

- 1 X CDVB52
- 1 X Instruction Manual
- 2 X AAA batteries

Overview of controls



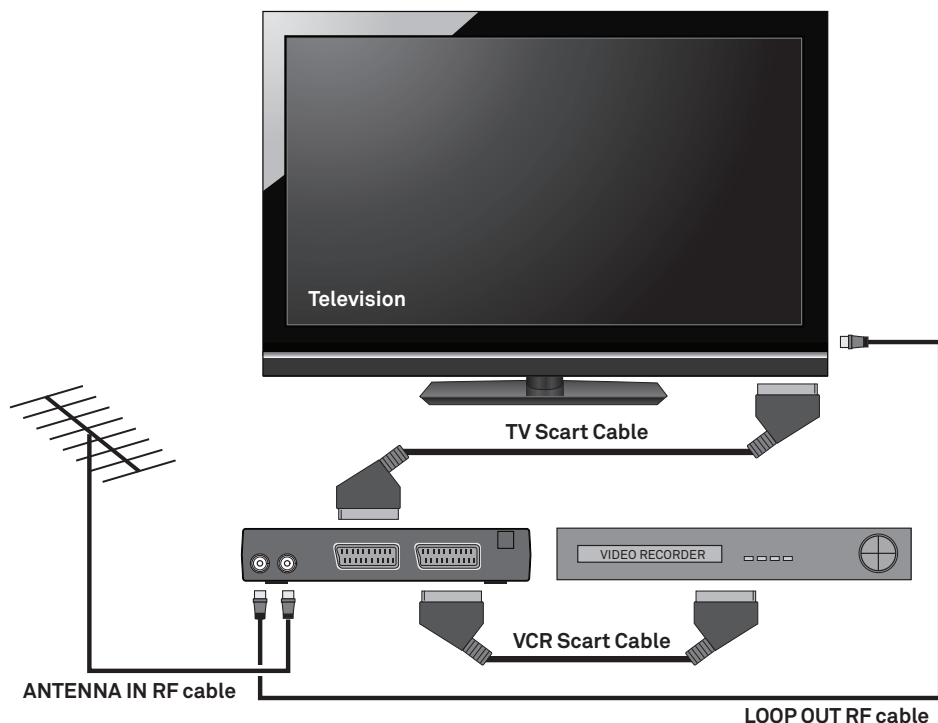
MAIN UNIT

- 1:** STANDBY button
- 2:** CHANNEL - button
- 3:** CHANNEL + button
- 4:** LED indicator
- 5:** IR sensor
- 6:** LOOP output socket
- 7:** ANTENNA input socket
- 8:** TV output SCART socket
- 9:** VCR output SCART socket
- 10:** MAINS cable

REMOTE CONTROL

- 11:** STANDBY button
- 12:** NUMERIC keypad
- 13:** FAVOURITE program button
- 14:** Electronic Program Guide button
- 15:** SUBTITLE button
- 16:** MENU button
- 17:** ZOOM button
- 18:** ▲ SCROLL UP button
- 19:** ◀ SCROLL LEFT button
- 20:** ▼ SCROLL DOWN button
- 21:** CHANNEL + button
- 22:** CHANNEL - button
- 23:** FAV/DAILY button (RED)
- 24:** DELETE button (GREEN)
- 25:** MUTE button
- 26:** LANGUAGE button
- 27:** ASPECT RATIO Button
Press to cycle between: 4:3LB, 4:3 PS & 16:9 aspect ratios.
- 28:** TV/RADIO mode button
- 29:** INFO button
- 30:** RECALL button
- 31:** ►► NEXT/ +24HR button
- 32:** ◀◀ PREV/ -24HR button
- 33:** EXIT button
- 34:** TEXT button
- 35:** ► SCROLL RIGHT button
- 36:** VOLUME - button
- 37:** VOLUME + button
- 38:** LOCK / TIMER button (BLUE)
- 39:** MOVE/PROGRAM INFO button (YELLOW)
- 40:** VCR INPUT button

Making the connections



HOW DO I CONNECT THE CDVB52 TO MY TV SET?

- 1: Put the **CDVB52** on a firm, level surface with at least **10 centimetres** gap around all the sides and close to the **TV** you are going to connect it to.
- 2: Turn off the mains socket your **TV** is plugged into or pull the plug out of the socket.
- 3: Take the antenna coax cable and connect it to the **ANT IN** connector on the back panel of the **CDVB52**.
- 4: Connect a scart connector at each end (**not supplied**) between the **SCART-TV** socket on the back panel of the **CDVB52** and the Scart socket on your **TV**, if there is more than one Scart connector on the **TV**, look in your **TV** instruction manual to check which one you should use.
- 5: Plug the mains lead into the mains socket.
- 6: Plug the **TV** back into the mains socket.

NOTE: The CDVB52 will not work if you do not have the scart-to-scart cable connected.

RECORDING FROM THE CDVB52

- 1: Connect as described to the left.
- 2: Using a second scart cable connect the **SCART-VCR** output on the rear of the **CDVB52** to the **SCART** input on a **VCR** or recording device.

RECORD ONE CHANNEL AND WATCH ANOTHER

- 1: Should you have a **TV** with a built in decoder you can watch a different channel to the one you are recording by adding a coax cable from the **LOOP OUT** socket on the rear of the **CDVB52** and into the **ANTENNA** input on your **TV**. You can then record the channel broadcast through the **CDVB52** and watch something else on the **TV** decoder.

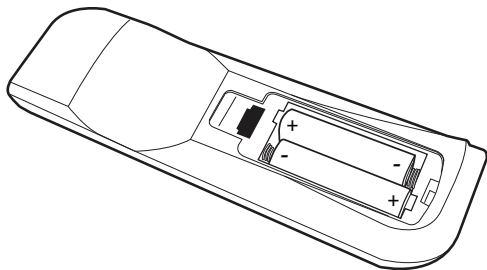
WATCH A CONNECTED VCR

- 1: Press the **VCR** button to switch the input to a connected **VCR** player. Press again to switch back to the **CDVB52** input.

User instructions

Fitting the batteries in the remote

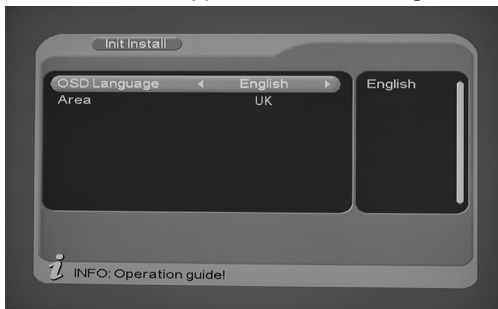
- 1: Remove the battery cover. Insert two size **AAA** batteries so that the '+' and '-' marks match the '+' and '-' marks inside the unit.



- 2: Replace the battery cover.

Getting started

- 1: The first time you power on the **CDVB52** when connected correctly you will see the following screen.



- 2: Use the ▲/▼ buttons to navigate up or down and the ◀/▶ buttons to change the options.
- 3: When complete press the **ENTER** button. You will be asked if you want to complete the installation. Use the ◀/▶ buttons to select **YES** and then press the **ENTER** button to finish the installation.
- 4: A channel search will automatically begin and list all the available stations. If multiple transmitters are available select from the pop up menu(s) using the ▲/▼ buttons, and press **ENTER**.

System power ON/OFF

- 1: To power the system **ON** or **OFF** press the **STANDBY** button on the remote control (11) or main unit (1).

Switching between radio & TV

- 1: Pressing the **TV/RADIO** button switches between the **TV** station list & the radio station list.

Volume controls

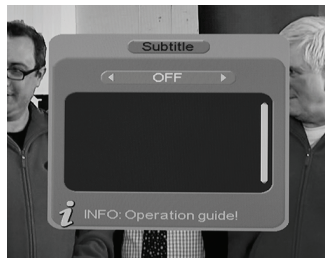
You can change the volume of your **CDVB52** by using the **VOL+** and **VOL-** buttons on the remote control.

- 1: **VOL+** will increase the volume and **VOL-** will decrease the volume.
- 2: To turn the volume **OFF**, press the **MUTE** button on the remote control. To turn it back on, press the **MUTE** button again.

Subtitles

- 1: To use subtitles, press the **SUBTITLE** button on the remote control.

When activated the screen below will be shown.



- 2: Use the ▶ button to enable subtitles and select from the available languages using the ▲/▼ buttons. Press the **ENTER** button to activate.

NOTE: DON'T FORGET! Subtitles are only shown when they are broadcast with the programme. Not all programmes have subtitles.

Using digital text

Many digital channels also provide digital text. For example this could be information about programmes, the weather, news and many other topics.

- 1: To use digital text, press the **TEXT** button on the remote control. An example is shown on the next page.

User instructions

Using digital text (cont)



2: To exit digital text press the **EXIT** button.

The Info banner

The info banner can be accessed when you are watching a TV programme.



1: Press the **INFO** button once to display the current and next program on the current channel.

2: Press the **INFO** button again to display more detail of the current program in view.



The info banner gives you technical details about the station being viewed, along with signal strength and quality markers.

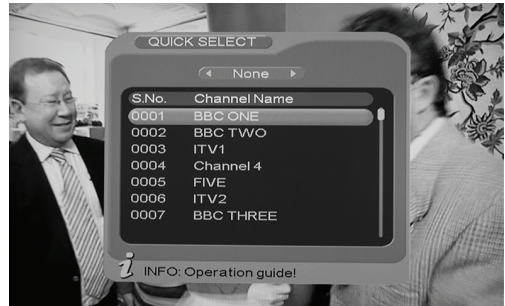


Quick station select menu

1: Pressing the **ENTER** button in either **TV** or Radio mode will display the **QUICK SELECT** menu.

2: Use the **▲/▼** buttons to navigate the channel list and press the **ENTER** button to select a station.

3: To exit the **QUICK SELECT** menu press the **EXIT** button.



NOTE: You can customise the quick select menu further using channel grouping to assign descriptions to channels & also add a favourite mark to filter channels based on your favourites. These are explained later in the manual.

4: Once set up you can filter the favourite channels by pressing the **FAV** button.

5: Once set up you can view channels based on their descriptions using the **◀/▶** buttons. Each press will scroll to a new category. **EG:** News, Science & Sports etc.

Channel + / - buttons

1: Press either of the **◀/▶** buttons (**2, 3**) on the front of the unit or on the remote control (**21, 22**) to skip to the previous or next channel.

Last program recall

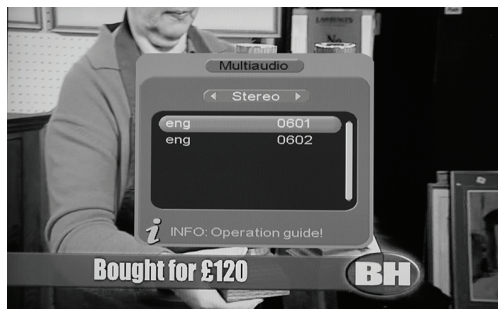
1: It is possible to return to the previous stations viewed by simply pressing the **RECALL** button on the remote.

2: To return back to the initial station press the **RECALL** button again.

User instructions

Audio & language selection

When viewing a station pressing the **LANG** button on the remote will display the language selection screen.

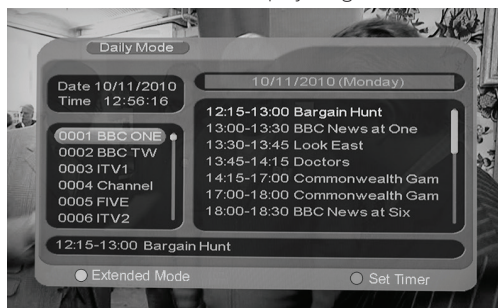


- 1: Use the **▲/▼** buttons to navigate to the language you wish to hear and press the **ENTER** button to select.
- 2: You can also select between **STEREO, RIGHT** or **LEFT** channel audio by pressing the **◀/▶** buttons to cycle through the options. Press the **ENTER** button to select and view the channel.

Electronic program guide

The **EPG (Electronic Program Guide)** is an on-screen TV guide, it shows all scheduled programmes seven days in advance for every available channel.

- 1: Press the **EPG** button to display the guide.



- 2: Use the **▲/▼** buttons to select a channel.
- 3: Press the **▶** button to switch to the program list. Scroll through the programs on the selected channel using the **▲/▼** buttons.
- 4: To scroll through the days use the **◀◀/▶▶** buttons to cycle from today's day through to the same day next week.
- 5: Press the **EXIT** button to close the electronic program guide.

- 6: Pressing the **P.INFO** button (**yellow**) will display detailed information about the currently selected program. Press **EXIT** to return to the **EPG**.

Program reminder

- 1: The program reminder function can be activated from the **EPG** menu. Highlight the program you wish to use as the wakeup program and press the **TIMER (blue)** button to display the wakeup timer settings.
- 2: The default settings will be set based on the program you selected in the **EPG**. If you need to edit the settings use the **◀/▶/▲/▼** buttons. When editing the date a calendar screen will be displayed. Select the required date and press the **ENTER** button.
- 3: When finished setting the details press the **ENTER** button to store the wake up function. The program will then be displayed in green text on the **EPG**.
- 4: The **TIMER NO** option at the top of the list allows up to **8** wake up functions to be set.

Digital TV

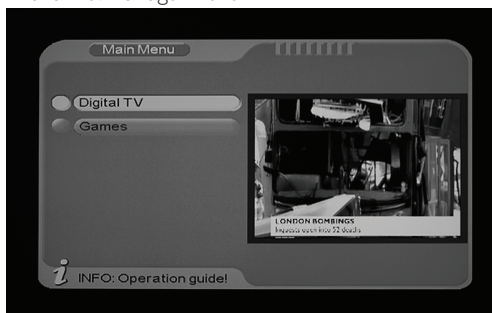
Press the **MENU** button to display the following screen. Use **ENTER** to activate Digital TV options.

Channel manager

The channel manager offers several methods of organising channels. Such as marking favourite channels and adding descriptions to channels.

Channel organiser

- 1: Select the **CHANNEL ORGANISER** option from the Channel manager menu.

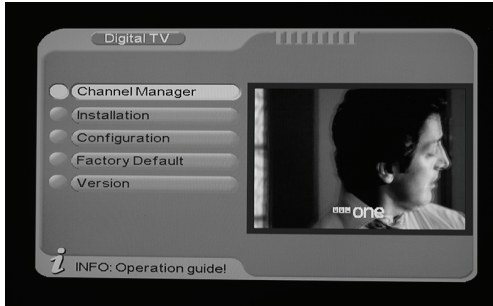


User instructions

Digital TV (cont)

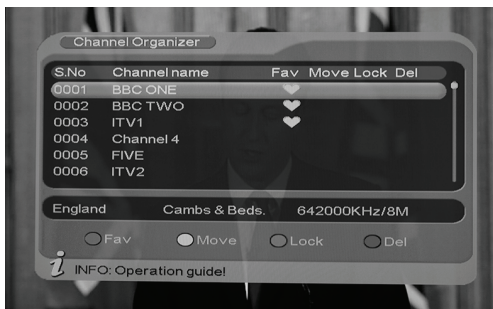
2: You will note the key for the coloured button commands on the bottom panel of the interface.

RED: Favourite, **YELLOW:** Move, **BLUE:** Lock & **GREEN:** Delete.



Setting favourite channels

- 1: Use the ▲/▼ buttons to scroll through the list of available channels.
- 2: When selected press the **RED** button to assign that channel as a **FAVOURITE**. Press again to remove the function.



Delete a channel

- 1: Use the ▲/▼ buttons to scroll through the list of available channels.
- 2: When selected press the **GREEN** button to earmark that channel for deletion from the channel list.
- 3: Continue steps 1-2 until you have marked all the channels you wish to be deleted.
- 4: Press the **EXIT** button, select **YES** from the option menu, then press **ENTER** to delete the marked channels.

Move a channel

It is possible to re-arrange the order channels are displayed in the EPG.

- 1: Use the ▲/▼ buttons to scroll through the list of available channels.
- 2: When selected press the **YELLOW** button to activate the move function.
- 3: Use the ▲/▼ buttons to scroll through the list of channels until you reach the required new location.
- 4: Press the **ENTER** button to re-locate the channel listing.

NOTE: the channel will be re-located above the selected channel in the list.

Lock a channel

This function will add a parental lock to assigned channels.

- 1: Use the ▲/▼ buttons to scroll through the list of available channels.
- 2: When selected press the **BLUE** button to activate the lock function.
- 3: A 4 digit pass code is required to proceed with this function. The default code is '0000'.
- 4: When entered the channel will display a padlock icon to indicate it is locked. You can proceed to press the **BLUE** button adding locks to other channels.
- 5: Press the **EXIT** button when finished.
- 6: Any locked stations, selected for viewing will require the 4 digit pass code.

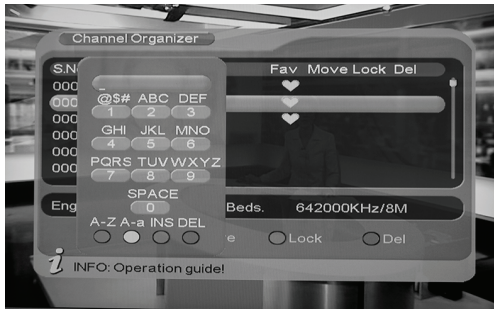
Rename a channel

- 1: Press either ◀/▶ button to rename the selected channel.
- 2: Use the numeric keypad to assign a new name. Press each number repeatedly to cycle through the characters assigned to that number. The on-screen key shows a visible reference.
- 3: After adding each letter or number wait for a few seconds before adding another.
- 4: Press the **ENTER** button to store the new name.

User instructions

Channel sorting

The channel sorting function allows you to filter the way located channels are sorted. For example how they are listed A-Z or Z-A.



1: Select the **CHANNEL SORTING** option from the Channel manager menu.

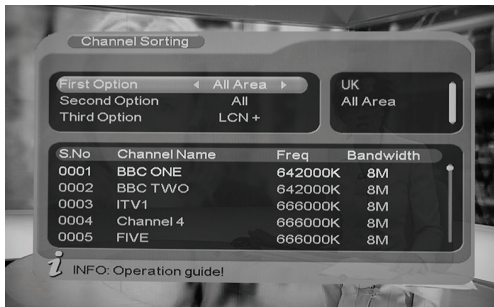
FIRST OPTION: Select between **UK** and All Area.

SECOND OPTION: Select between **ALL**, FTA (Free to Air) and Scramble (**all pay per view channels**).

THIRD OPTION: Select from A to Z (**stations A through to Z**), Z to A (**stations Z through to A**), LCN+ (Logical Channel Number order) or LCN- (Logical Channel Number in reverse order).

Channel grouping

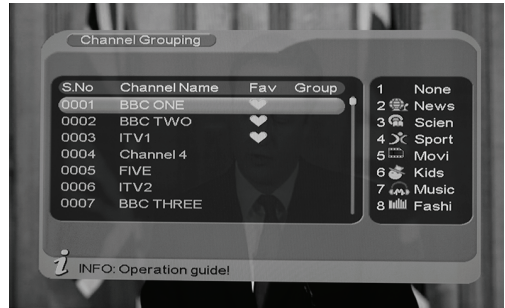
Channel grouping allows you to assign descriptions to each channel to enable listing by genre.



1: Select the **CHANNEL GROUPING** option from the Channel manager menu.

2: Use the **▲/▼** buttons to scroll through the list of available channels.

3: When selected choose which description (**on the right of the display**) matches the station and press the corresponding numeric key. **EG: ESPN** I would like assigned to **SPORT** so press the **4** button.



4: Once all descriptions are assigned press the **EXIT** button to store and exit the menu.

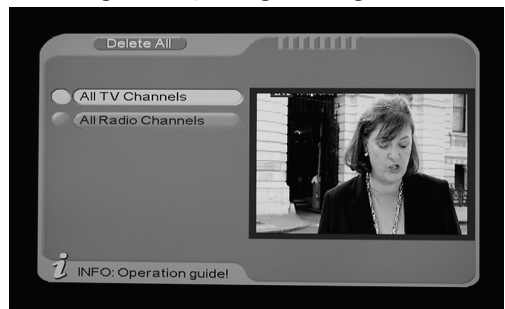
Delete all

You may need to delete the TV or radio channel database, for example you have moved or removed some channels or you wish to start from scratch organising them.

1: Select the **DELETE ALL** option from the Channel manager menu.

2: A **4** digit pass code is required to proceed with this function. The default code is **'0000'**.

3: Once the pass code has been entered you will have a choice of "All TV Channels" or "All Radio Channels". Press **ENTER** to make the selection, and confirm by selecting **YES** and pressing **ENTER** again.

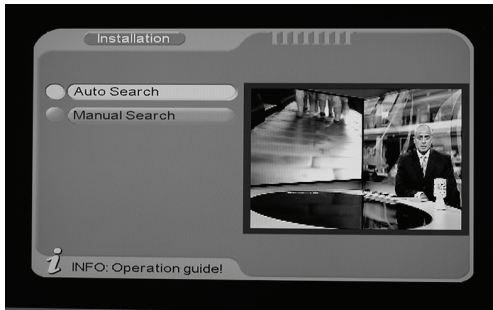


4: Press the **EXIT** button once complete to return to the Channel Manager screen.

User instructions

Installation

There are two methods of installation as follows:



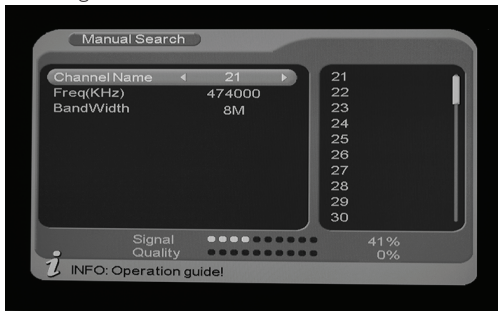
Auto search:

When selected the **AUTO SEARCH** function starts automatically. Any stations found will be added to the channel list for radio & TV.

NOTE: If your location falls between transmitters, then you will be requested to select one after the scan is complete.

Manual search:

The manual search function requires some knowledge of digital TV or a specific channels settings.



- 1: Set the **CHANNEL NAME** value to the Channel number you wish to search.
- 2: Press the **ENTER** button and wait for the search to commence. If the display returns back to the Installation screen immediately then no stations were found on that Channel number.
- 3: If stations are found on the Channel number the channel list will be built until all are found. Then the display will return to the Installation screen.

Configuration

The configuration menu allows you to alter the default settings of the CDVB52.

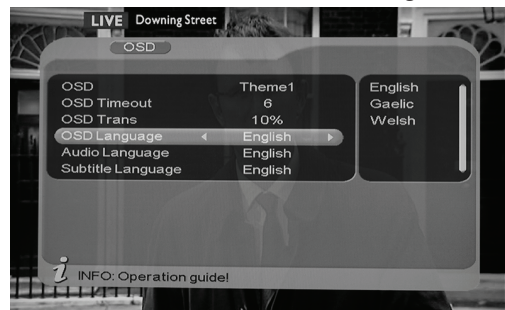
OSD settings

OSD: Use the ◀/▶ buttons to cycle through various coloured versions of the graphic interface.

OSD Timeout: Sets the duration the On-Screen display stays visible for when not in use. The default is **6** seconds. Use the ◀/▶ buttons to cycle through the options **1-6** seconds.

OSD Trans: Controls the translucency of the interface. Use the ◀/▶ buttons to cycle through the options **10% - 60%**.

OSD Language, Audio Language & Subtitle Language: Use the ◀/▶ buttons to enter the language selection options. Then use the ▲/▼ buttons to select the language you require from English, Gaelic or Welsh. Press the **ENTER** button to store the setting.



TV settings

Aspect Ratio: This setting controls how the picture fits the screen depending on the TV used. Press the ◀/▶ buttons to cycle through **16:9**, **4:3LB (letter box)** or **4:3PS (Pan & Scan)**.

Video Output: Press the ◀/▶ buttons to cycle through the two options of **RGB** or **CVBS** depending on what signal your TV requires.

Brightness: Use the ◀/▶ buttons to enter the Brightness level options. Then use the ▲/▼ buttons to select from **0%** to **100%**. Press **ENTER** to apply the brightness level setting.

User instructions

TV settings (cont)

Contrast: Use the ◀/▶ buttons to enter the Contrast level options. Then use the ▲/▼ buttons to select from **0%** to **100%**. Press **ENTER** to apply the contrast level setting.

HUE: Use the ◀/▶ buttons to enter the Hue level options. Then use the ▲/▼ buttons to select from **-6** to **+6**. Press **ENTER** to apply the hue level.

Saturation: Use the ◀/▶ buttons to enter the Saturation level options. Then use the ▲/▼ buttons to select from **0** to **12**. Press **ENTER** to apply the saturation level setting.

System settings

EQ Setup: The sound can be altered with **EQ** presets. Use the ◀/▶ buttons to cycle through the options of: Standard, Classic, Rock, Jazz & Pop.

Surround: The surround setting adds a spatial **EQ** effect to the sound to simulate an environment. Use the ◀/▶ buttons to cycle through the options of: Off, Concert, Church, Passive & Live.

LCN: Means Logical Channel Number and denotes whether the stations are listed by channel number **IE: BBC, BBC2** etc or by station order.

Area: Set the country location. Use the ◀/▶ buttons to select.

Parental Rating: Restrictions based on age can be set here by setting an age limit. Any programs exceeding that age will require the pass code to view. When selected a **4** digit pass code is required to proceed with the function. The default code is **'0000'**. You can then use the ▲/▼ buttons to select the age. Press **ENTER** to store the setting.

Auto Standby: The auto standby function shuts the unit down into the standby mode when left unused for **3** hours. Use the ◀/▶ buttons to select **ON** or **OFF**.

When set to ON you will see a pop up appear after 3 hours asking if you'd like to stop the auto standby process. Simply select NO and press the ENTER button to remain viewing.

Channel Update: This function keeps channel listings current if any alterations are made to the transmission.

OAD Upgrade: Enabling this option allows software updates to be applied over transmissions. The Manual option stops any updates being applied unless performed manually. Auto allows updates to be applied when the unit is on or in standby mode.

Time settings

Timer Mode: When set to **AUTO** the system's time settings will be obtained from the transmission signal. To set manually use the ◀/▶ buttons to select **MANUAL**.

- 1: Scroll down to the **DATE** setting using the ▲/▼ buttons. Press the ◀/▶ buttons to activate the calendar screen, where you use a combination of the ◀/▶/▲/▼ buttons to navigate the calendar until you find the correct date. Press the **ENTER** button to store the date.
- 2: After scrolling down to the **TIME** setting use the ◀/▶ buttons to select the digit you wish to change. Press the relevant numeric key for the number you wish to enter. Press either ▲/▼ buttons to store the setting.
- 3: **GMT OFFSET** is only available when the **TIMER MODE** is set to **AUTO**. Use the ◀/▶/▲/▼ buttons to set your **GMT** offset zone. Leaving on **AUTO** sets the zone depending on the transmission.
- 4: The **SUMMERTIME** setting is only available when the **GMT OFFSET** option is set to anything but **AUTO**. Use the ◀/▶ buttons to cycle between **ON** & **OFF**.

Wake up timer settings

The wake up timer allows you to set a reminder when a program is about to start, or for timer recording to a PVR or VCR device.

Timer NO: This allows you to set up to **8** wake up timers.

Timer Mode: Set to **OFF, ONCE, DAILY, WEEKLY** or **YEARLY**.

Wakeup Mode: Select from **OFF, MESSAGE, CHANNEL** or **ON**.

Wakeup Channel: Select the channel you wish to view.

User instructions

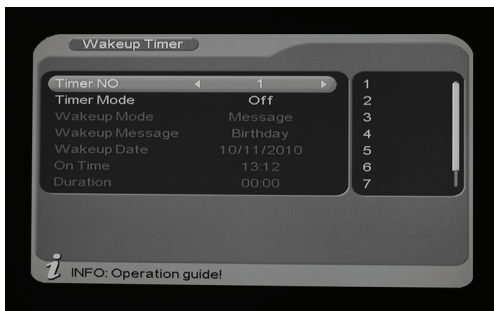
Wake up timer settings (cont)

Wakeup Date: Use the displayed calendar to select the date for the wake up operation.

On Time: Sets the time the wake up operation will start.

Duration: Sets the duration the wake up operation stays active for.

Example 1: You are watching a program on **BBC1**, but wish to view a program later on **BBC2** at **2.30pm** which runs for **30** mins.



1: The settings would be as follows:

Timer No	1
Timer Mode	Once
Wakeup Mode	Channel
Wakeup Channel	BBC2
Wakeup Date	11.04.2010
On Time	14:30
Duration	00:30

2: Press the **EXIT** button a number of times to return to the **TV** and save the setting you just set. You can now continue to watch the **TV**.

3: When the timer reaches the programmed time the set top box will change to the chosen channel and display it for the selected duration.

4: When the **30** minutes duration comes to an end the set top box will revert back to the channel you were watching prior to the wake up operation.

Example 2: You wish to make a recording of a program to a **PVR** or **VCR** via the scart socket while you out. The selected program is on **BBC2** at **3.30pm** and lasts for **2** hours.

1: The settings would be as follows:

Timer No	1
Timer Mode	Once
Wakeup Mode	Channel
Wakeup Channel	BBC2
Wakeup Date	11.04.2010
On Time	15:30
Duration	02:00

2: Press the **EXIT** button a number of times to return to the **TV** and save the setting you just set. You can now continue to watch the **TV** or press the **STANDBY** button.

3: When the timer reaches the programmed time the set top box will change to the chosen channel and display it for the selected duration.

Parental Lock

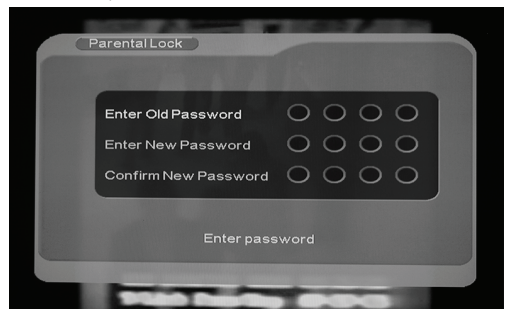
Use this screen to change the default Parental lock code of '0000' to whatever code you wish.

1: When selected, the initial option is to enter the existing pass code. if you have not changed it, enter the following **'0000'**.

2: Next enter your new pass code.

3: Enter the new pass code again to ensure you entered the correct code in the second option.

4: The new pass code has been set.



NOTE: If you cannot remember your newly set pass code then the default override pass code is **'8888'**.

User instructions

Factory default settings

Should you wish to restore the unit back to the factory default settings.


- 1:** Select Factory Default from the Digital TV menu.
- 2:** Enter the pass code. The default is '0000'.
- 3:** Select **YES** from the pop up options screen asking do you want to perform the operation. Press the **ENTER** button to initiate.
- 4:** The display will show "factory Default" and return to the Initial install screen outlined on page **5** of this manual.
- 5:** Perform the steps on page **5** to begin the initial setup again.

Software version

If for any reason you wish to check the software version of your unit activate this function for details.

User instructions

Care & maintenance

 **Important:** Always unplug the appliance from the power socket during cleaning and maintenance.

Never use any sharp instruments or abrasive substances, soap, household cleaner, detergent or wax polish for cleaning.

Clean the external surfaces with a damp soft cloth only. Never use abrasive products or solvents as it may damage the appliance.

Troubleshooting

In the unlikely event of difficulties with your appliance please follow the trouble shooting guide below.

If the problem persists, contact the retailer if the machine is still under guarantee.

Customer **helpline: 0870 600 3030**

Problem	Cause	Solution
No display on the TV screen.	<ul style="list-style-type: none">• No power• Cable unplugged	<ul style="list-style-type: none">• Make sure the mains plug is correctly connected to the socket.• Check cable connections in both the TV & unit.
"No Signal"	<ul style="list-style-type: none">• Is the aerial installation working?• The aerial cable may not be connected.• The transmission signal may not be broadcasting.• The program setup is incorrect.	<ul style="list-style-type: none">• Re-install the aerial setup.• Check the cables.• Try again later.• Check the settings in the installation menu.
The unit plays a strange sound	<ul style="list-style-type: none">• Multiple audio tracks can sometimes cause this interference.	<ul style="list-style-type: none">• Change the audio track using the LANG button on the remote control.
The remote does not respond	<ul style="list-style-type: none">• The batteries may be inserted incorrectly.• The batteries may be dead.	<ul style="list-style-type: none">• Check the polarities match & the batteries are correctly inserted.• Replace the batteries.
Forgotten the Pass Code		<ul style="list-style-type: none">• Use the default override code '8888'.
The unit asks to shutdown every 3 hours	<ul style="list-style-type: none">• The Auto Standby function is ON.	<ul style="list-style-type: none">• Disable the Auto Standby function in the configuration options.

User instructions

Technical specifications

Tuner	Input Level Input Impedance	-77 ~-20dBm 75Ω
Channel Decoding	Waveform Demodulation FEC Mode Guard	COFDM QPSK,16QAM,64QAM 1/2, 2/3, 3/4, 5/6, 7/8 2K, 8K 1/4, 1/8, 1/16, 1/32
Demultiplexer	Standard Input Max. Bit Stream Rate	ISO/IEC 13818-1 60Mbps(Serial)/7.5MBps(Parallel)
Video Decoding	Standard Aspect Ratio Video Resolution	ISO/IEC 13818-2, MPEG-2 MP@ML 4:3, 16:9 720 576 (PAL), 720 480 (NTSC)
Audio Decoding	Standard Output Mode Sampling Frequency	ISO/IEC 13818-3 Left channel, Right channel, Stereo 32, 44.1, 48KHz
Outputs	2 x Scart 1 x RF Loop through	
Input	1 x RF coaxial	

We apologise for any inconvenience caused by any minor inconsistencies in these instructions, which may occur as a result of product improvements and development.



This appliance complies with the following EEC directives:
2006/95/EEC Low voltage directive
2004/108/EEC EMC directive

Disposal information



The symbol on the product or its packaging indicates that this product may not be treated as household waste. Instead it should be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling this product, please contact your local council office, your household waste disposal service or the shop where the product was purchased.

Battery disposal information

Your product contains a built-in rechargeable battery covered by the European Directive 2006/66/EC. To safeguard the functionality and safety of your product, always take your product to an official collection point or service centre where a professional can remove the battery.

Please inform yourself about the local rules on separate collection of batteries because the correct disposal will help prevent negative consequences for the environmental and human health. Please do not dispose of your batteries with your normal household waste. **Always bring your product to a professional to remove the battery.**

Guarantee



PRODUCT GUARANTEE

This product is guaranteed against manufacturing defects for a period of



Year

This product is guaranteed for twelve months from the date of original purchase.

Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee 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 this manual.
- It must be used solely for domestic purpose.
- 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.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to, and does not diminish your statutory or legal rights.

Guarantor: Argos Limited
489 - 499 Avebury Boulevard
Central Milton Keynes
MK9 2NW