



LOGIK



freesat HD

Instruction Manual

Welcome to your new freesat satellite HD digital box.

How to set up and use your
LHDFSAT11







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Thank you

for purchasing your new Logik Satellite HD Digital Box.

These operating instructions will help you use it properly and safely.

We recommend that you spend some time reading this instruction manual in order that you fully understand all the operational features it offers. You will also find some hints and tips to help you resolve any issues.

Read all the safety instructions carefully before use and keep this instruction manual for future reference.

Unpacking

Remove all packaging from the unit. Retain the packaging. If you dispose of it please do so according to local regulations.



The Unit



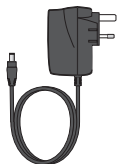
Remote Control
(P.N.: 49141-B6312)



Batteries
(P.N.: 46106-00002-001)



HDMI Cable
(P.N.: 45011-00441)



Mains Adapter
(P.N.: 42011-00299)



Instruction Manual
(P.N.: LHDFSAT11-IB-002)

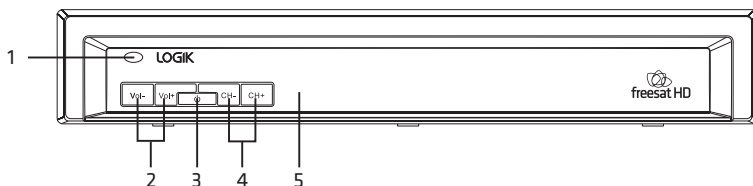


Quick Start Guide
(P.N.: LHDFSAT11-QSG-002)



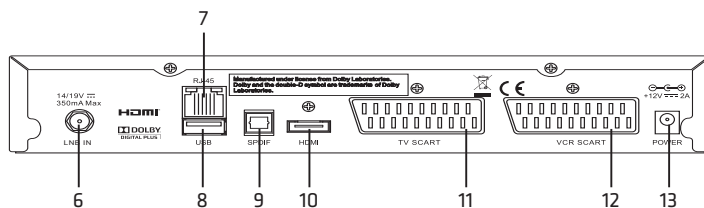
Product Overview

Front View



- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Standby Indicator
Illuminates blue when the unit is turned on. Illuminates red when the unit is in standby mode. 2. Vol+ / Vol- Button
Adjusts the volume up or down. 3. ⏻ Button
Switches the unit on and off. | <ol style="list-style-type: none"> 4. CH+ / CH- Button
Switches to the next or previous channel. 5. Remote Sensor
Receives signals from the remote control. |
|---|---|

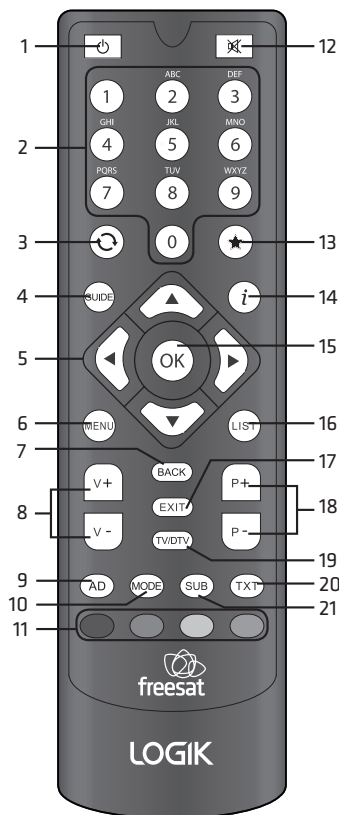
Rear View



- | | |
|---|--|
| <ol style="list-style-type: none"> 6. LNB IN
Input for connecting to the satellite dish. 7. RJ-45
Network socket for connecting to the Internet. 8. USB
Socket for upgrading the unit's software. 9. SPDIF
Optical audio output for connecting to a digital audio system. | <ol style="list-style-type: none"> 10. HDMI
Output for connection to a HD-ready TV. 11. TV SCART
Output for connection to a non-HD TV. 12. VCR SCART
Output/input for connecting to a video recorder or DVD recorder. 13. Power Socket
Connection for the mains adapter. |
|---|--|

Remote Control

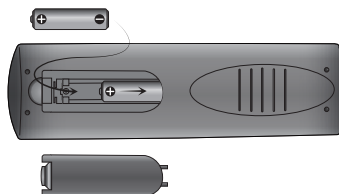
1. **STANDBY Button**
Switches the unit on and off.
2. **0-9 Number Button**
Directly select channels, enter numeric values in the set-up menus and to enter your postcode.
3. **SWAP Button**
Switches back to the last channel watched.
4. **GUIDE Button**
Displays the programme guide.
5. **Navigation Buttons**
Moves the highlight bar in menus and in the programme guide, and allows you to browse the channels and programmes.
6. **MENU Button**
Displays the main menu screen.
7. **BACK Button**
Exits a menu and returns to the main menu.
8. **V+ / V- Button**
Adjusts the volume up and down.
9. **AD Button**
Displays the available audio menu to choose between normal sound and Audio Description.
10. **MODE Button**
Switches between available screen display modes.
11. **Colour Buttons (Red/Green/Yellow/Blue)**
Chooses options within menus.
12. **MUTE Button**
Silences the unit's sound.
13. **★ Button**
Displays your favourite channels lists and adds channels to them in the channel list.
14. **i Button**
Displays channel and programme information.
15. **OK Button**
Selects the option in a menu.
16. **LIST Button**
Displays the channel list.
17. **EXIT Button**
Exits a menu and returns to normal TV viewing.
18. **P+ / P- Button**
Switches to the next or previous channel. Moves one page up or down in the channel list.
19. **TV/DTV Button**
Switches the TV SCART output between freesat and the TV's tuner.
20. **TXT Button**
Displays interactive and digital text services (where available).
21. **SUB Button**
Displays the subtitles menu to select a subtitle type.





Installing Batteries in the Remote Control

1. Press and lift the battery cover of remote control.
2. Insert 2 x AAA size batteries and make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment.
3. Close the battery cover.



Handling the Batteries

- Improper or incorrect use of batteries may cause corrosion or battery leakage, which could cause fire, personal injury or damage to property.
- Only use the battery type indicated in this manual.
- When the batteries are exhausted, the remote will not function. Replace both batteries at the same time with new ones.
- Do not install new batteries with used ones and do not mix different types of batteries.
- Do not dispose of used batteries as domestic waste. Dispose of them in accordance with local regulations.

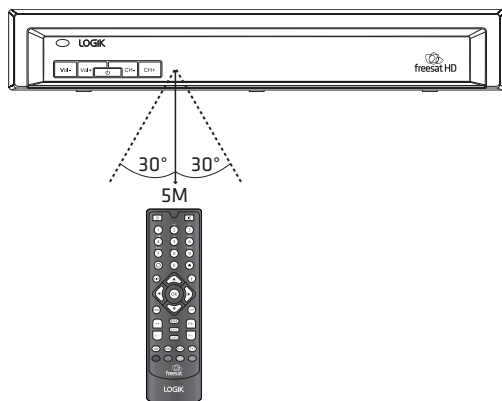
Handling the Remote Control

- Take care of your fingernails when you press and hold the battery release tab.
- Do not drop or cause impact to the remote control.
- Do not spill water or any liquid on the remote control.
- Do not place the remote control on a wet object.
- Do not place the remote control under direct sunlight or near sources of excessive heat.
- Remove the battery from the remote control when not in use for a long period of time, as it could cause corrosion or battery leakage and may result in physical injury and/or property damage including fire.



Remote Control Operation Range

Point the remote control unit no more than 5 metres from the remote control sensor and within 60° in front of the unit. The operating distance may vary depending on the brightness of the room.

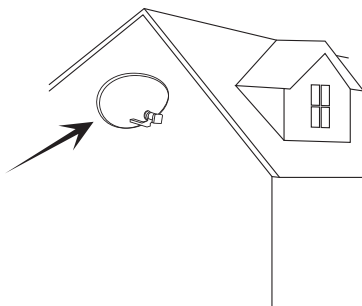


Connections

Connecting to the Satellite Dish

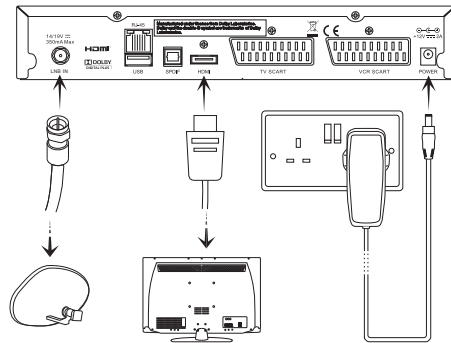
To receive freesat, you must connect your unit to an appropriate satellite dish, fixed in position and accurately pointed at the 28.2° East satellite position.

For safety reasons and to provide reliable reception, we strongly recommend that you have your dish installed by a professional. You may be able to use a satellite dish already installed at your home. If you have any questions about the satellite dish, please consult your installer.




Connecting Your Unit


Place the unit on a firm, level surface close to the TV, a mains electricity socket, and the cable from the dish.




1. Connect the cable from your satellite dish to the LNB IN socket at the back of the unit (if the satellite dish cable is fitted to a wall socket inside your home, you will need a connecting cable, which you can get from your installer).

 The “F-connector” used for the satellite dish cable connection has a central wire that is inserted into the hole in the LNB IN socket while the collar is screwed onto the socket. When screwing on the collar, make sure that the central wire goes into the socket hole and is not bent to one side.


2. Turn off your TV and connect the HDMI cable supplied between the HDMI socket at the back of the unit and an HDMI socket on your TV. There may be more than one HDMI socket on your TV. If you are not sure which to use, check the TV's instruction manual.

 If your TV has no HDMI socket, then it must be connected to the unit with a SCART cable, and you will not be able to watch freesat channels in high definition.

3. Plug the mains adapter into the POWER socket at the back of the unit and then plug it into an available mains socket that is turned off.
4. You may have other equipment, such as a DVD recorder or surround sound system, to connect to the unit.
5. A video recorder or DVD recorder may be connected to the unit to record freesat programmes and to play them back. You will need to connect a SCART cable between the VCR SCART socket on the back of the unit and a SCART socket on the video or DVD recorder. Check the recorder's instruction manual for guidance.

 HD channels will only be recorded in Standard Definition.

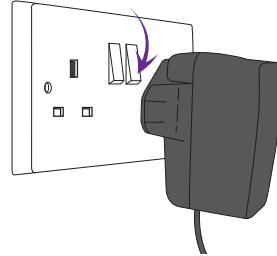
6. You can also connect the unit to a stereo or surround sound system, so that you can listen to the TV sound through the sound system instead of (or as well as) the TV's speakers. You can connect a special lead between the unit's TV SCART or VCR SCART socket and the analogue inputs on the sound system, to listen to the sound in stereo.
7. If you connect an optical lead between the SPDIF sockets on your unit and digital sound system, you can listen to the TV sound in digital audio quality, or even in surround sound, depending on the sound system used and the broadcast you choose.

 If you require additional assistance please call our UK Call Centre on **0844 561 1234**. Our UK Customer Contact Centre is open Monday-Saturday 8am-8pm or Sunday 8am-6pm.

Initial Setting

Plug In and Switch On

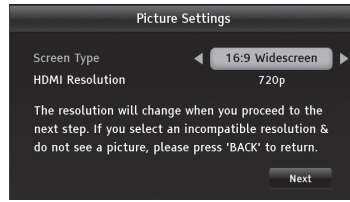
Switch your TV on and select the HDMI or SCART input. Insert the mains adapter to the rear of the unit and plug into a mains socket and switch on. The blue LED indicator will illuminate. The first freesat installation screen will show on the television screen after a few seconds.



- Ensure that the satellite dish cable is connected to your unit before starting the first time installation.
- Please take some time to perform the first time installation when using the unit for the first time.

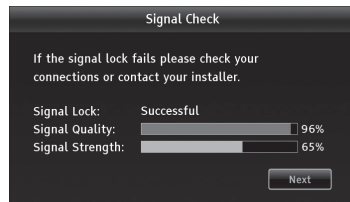
First Time Installation

1. When the first freesat installation screen is displayed, press the ◀▶ buttons to select the screen format of your TV (16:9 Widescreen or the squarer 4:3 Traditional). Then press the ▼ button to highlight the HDMI Resolution selection box, and then press the ◀▶ buttons to select the correct resolution for your TV. Press the **OK** button to display the next installation screen.



- You should set the HDMI resolution to the highest that your TV can display (see your TV's instruction manual). If in doubt, set the resolution to 720p.

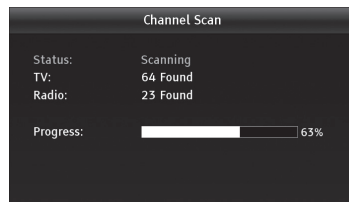
2. The signal check screen shows the strength and quality of the freesat signal received from your satellite dish. If the signal strength or quality is below 50%, you should check the satellite dish connection at the back of the unit (switch the unit off and reconnect the cable if necessary). If the connection is OK, consult your dealer or installer.
3. When the signal strength and signal quality shown are 50% or more, you can continue to tune in the unit. Press the **OK** button to proceed.
4. Enter your postcode using the number buttons on the remote control, or press the **RED** button to use the on-screen soft keyboard. You do not need to enter a space. Once you have entered your postcode, press the ▼ button and then press the **OK** button to proceed.



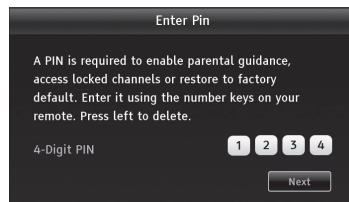


- Enter your postcode with the **0-9** buttons by pressing the correct button on the remote control a number of times to produce the relevant letter (printed above each button), or number, in the same way as 'texting' with a mobile phone. For example, for an 'S', you would press the **7** button four times. If you make a mistake, the **◀** button deletes the last character entered.
- With the on-screen soft keyboard, enter each letter and number of the postcode by highlighting it on the keyboard using the **◀▶** buttons, then press the **OK** button. The **RED** button deletes the last letter entered and the **GREEN** button confirms the whole postcode.

5. The unit will take a couple of minutes to find and store the available freesat channels. The number of freesat TV and radio channels found is shown on the screen as the scan proceeds, along with an indication of how far the scan has to go. When the scan is complete, press the **OK** button to proceed.



6. To use the unit's parental guidance function, hide adult channels, lock online content or lock channels of your choosing, you need to create a PIN. Enter your choice of PIN by pressing the **0-9** buttons for each of the four PIN digits, then press the **OK** button to proceed.



7. The setup completion screen confirms the lock PIN you have set. Press the **OK** button and the unit is now ready for you to watch freesat digital TV.






When new freesat channels are introduced, you do not need to retune the unit because it is automatically updated.



Basic Operation

Turning On the Unit


Press the  button on the remote control or the front of the unit. The power light on the front panel changes from red to blue when the unit is powered up.


-  You should leave the unit plugged in with the socket switched on, at all times. When you are not using the unit, put it in standby by pressing the  button on the remote control or the front of the unit.
- The unit will automatically switch to standby if it is not used for a long time. This feature can be disabled – see the **Advanced Use** section of this guide.

Changing the Channel

Step through the channels by pressing the **P+** / **P-** buttons on the remote control or the **CH+** / **CH-** buttons on the front of the unit. Press the **P+** or **CH+** button to select the next channel in the channel list. Press the **P-** or **CH-** button to select the previous channel in the list.

If you know the channel's number, you can switch directly to the channel you want by using the **0-9** buttons on the remote control. As you enter a channel number, each digit appears at the top left of the screen to show the number button you have pressed. All the freesat channel numbers have three digits and the first channel is 101. The radio stations are stored from channel number 700.



Press the  button to switch from the channel you are currently watching to the channel you were watching before.


-  There are some channel numbers missing in the channel list because spaces are left for future channels to join freesat.
- If you enter a number that does not exist, the channel will not change.

There are other ways to change channel:

- Use the browsing bar at the bottom of the screen.
- Use the on-screen channel list.
- Use the programme guide.

Changing the Volume

You can increase or decrease the volume by using the **V+** / **V-** buttons on the remote control or the **VOL+** / **VOL-** buttons on the front of the unit. The sound is silenced by pressing the  button and restored to its previous level by pressing the  button again.

-  The mute control also affects the sound supplied to the VCR SCART socket, and so using this control while a programme is being recorded will affect the recording.

Browsing Bar

Whenever you change channel, the unit briefly displays a browsing bar at the bottom of the screen that contains information about the current channel and programme. You can press the **i** button at anytime to display the bar again.

It shows:

- the name and number of the channel
- the name of the programme you are watching
- the start and finish time of the programme
- the progress through the programme
- the date and time



You can also display the browsing bar by pressing the **▲▼** buttons on the remote control while you are watching TV.

The information bar may also display symbols to indicate:

- HD** the programme is in High Definition
- SUB** subtitles are available
- AD-▶** Audio Description is available
- D** Dolby Digital audio is available
- G** parental guidance is advised as the programme contains language or scenes that may not be suitable for children
- 🔒** the channel is locked (see the **Advanced Use** section)
- HD** an HD version is available on another channel (press the **i** button for further details).

While the bar is displayed, press the **▶** button to see details of the next programme, and the **◀** button to go back again. To see what is on another channel, press the **▲▼** buttons. To change to this channel, press the **OK** button while the bar is still displayed. To remove the bar from the screen at anytime, press the **EXIT** button.

While the browsing bar is displayed, press the **i** button again to display more information about the selected programme, including a short summary. Press the **i** button once more removes the extra information from the screen.



When the extra programme information is displayed, you can still press the **◀▶** buttons to see what is on now or next and the **▲▼** buttons to see what is on other channels.

Subtitles and Audio Description

Many freesat programmes are broadcast with subtitles for people who are hearing impaired. Channels with subtitles available show the **SUB** in the information bar.

If you want to turn on subtitles, first display the subtitles menu by pressing the **SUB** button and then press the **▲▼** buttons to highlight "English" (or "English Teletext" for larger subtitles), and press the **OK** button. To turn off subtitles, select "Off" from the subtitles menu and then press the **OK** button.

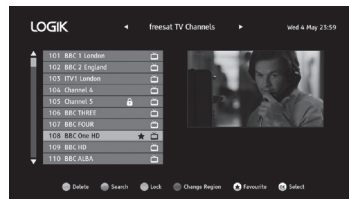
Some programmes have an extra sound track to tell people who are sight impaired what is happening on screen. Channels with this audio description available show the **AD** in the information bar.

To turn on audio description, press the **AD** button to display the available audio menu and then select "English Audio Description (MPEG)".



Using the Channel List

Display the on-screen channel list by pressing the **LIST** button on the remote control. This lists the channels on the left-hand side of the screen, in number order, and displays a preview window of the currently selected channel on the right-hand side of the screen. You can return to watching TV at any time by pressing the **EXIT** button.



You can also display the channel list by pressing the **OK** button while watching TV.

Press the **▲▼** buttons to highlight a channel and then press the **OK** button to view it in the preview window. Press the **OK** button again to exit the channel list and watch the channel full-screen.

Move a page at a time through the channel list by using the **P+ / P-** buttons.

TV and radio channels are stored in separate lists. Switch between the TV and radio channel lists by pressing the **◀▶** buttons. The name of the list is displayed at the top of the screen.

Searching for a Channel

You can search for a channel by name, or a part of its name. Press the **GREEN** button while on the channel list screen and enter the word that you want to search for using the on-screen keyboard.

The unit shows a list of all channels with the search word within their name, for you to choose from in the normal way. You can press the **◀▶** buttons to see the search results for the different channel lists. Press the **○** button to clear the search.

Regional Channels

With freesat, some channels, such as BBC1, broadcast regional variations of their channels. The initial regional variations are based on the postcode that you entered when you installed the unit.

You can replace the regional variation of a channel in the channel list by pressing the **BLUE** button while the channel is highlighted. The current list will change to show the regional variations of that channel (if available).

Choose the region that you want from the list by moving the highlight bar through the list with the **▲▼** buttons and then press the **OK** button, or press the **BACK** button to leave the region setting unchanged.



Using the Programme Guide

The unit programme guide displays details of all programmes showing on freesat channels for the next week ahead.

To access the guide, press the **GUIDE** button on the remote control. Choose the section of the guide you want to look at – either all channels or a specific channel genre – by pressing the **◀▶** buttons to highlight the section, and then press the **OK** button to select it.



You can skip the genre choice stage by pressing the **GUIDE** button a second time, to jump straight to the programme guide for all of the channels.

The programme guide shows a table of the programmes, with each page showing eight channels over a two-hour period. Information on the highlighted programme is shown above the table and you can read a full summary by pressing the **i** button. Press the **i** button again to remove the summary box.

The current date and time is displayed at the top right of the screen and an orange line at the top of the table shows the present time in the schedule.

You can look through the scheduled programmes using the **▲▼** buttons to move through the channels and the **◀▶** buttons to highlight programmes showing at different times.



You can jump through the list more quickly using the **P+ / P-** buttons to move to the next or previous page. The **GREEN / RED** buttons move the highlight bar through the schedule two hours forward or back, and the **BLUE / YELLOW** buttons move a day forward or back.

As you move the highlight bar through the schedule, the programme summary shown above the list changes to reflect the programme highlighted.



Programmes in standard definition that are also available on another channel in HD are labelled in the schedules with an HD symbol (**HD**). You can see the time and channel that the HD version is broadcast by highlighting the programme and pressing the **i** button.

Press the **OK** button to switch the unit to the channel and programme highlighted. If the programme is on at the time, the unit will switch to that channel immediately.

If the programme is scheduled for later on, a reminder is set so that when the programme is about to start, a message is displayed on-screen and, after a few seconds, the unit automatically switches to the relevant channel. In the programme guide a clock symbol (🕒) is shown next to a programme with a reminder set.



You can see a list of all the programmes with reminders set by pressing the **○** button, and you can cancel a reminder by highlighting it and pressing the **RED** button. Pressing the **○** button again or the **BACK** button leaves the reminder list and returns to the programme guide. You can also cancel a reminder by highlighting the programme in the programme guide and pressing the **OK** button again.

You can set as many reminders as you want but if you try to set a reminder on one channel for the same time as one you have already set on another channel, a warning is displayed on the screen.

You leave the programme guide and return to watching TV by pressing the **BACK** button or the **EXIT** button.



Interactive TV Services

Several freesat channels broadcast a range of digital text and interactive services, such as news, weather, games, sports information and video, alongside normal TV. If interactive services are available, they will be indicated by an on-screen prompt – usually a red button in the top right-hand corner of the screen.

You can use the interactive options by pressing the **TXT** button or the **RED** button while watching the TV channel. This will display a menu of the services available.

When you have finished with the interactive services, return to watching normal TV by pressing the **TXT** button again or the **EXIT** button.



Recording Freesat Programmes

You can record a programme by connecting a VCR or DVD recorder to the VCR SCART socket on the back of the unit. You will need to choose the recorder's SCART input for recording (see your recorder's instruction manual for guidance).

You can also record a programme even when you are not at home. Highlight the programme in the programme guide list, make a note of its scheduled date and time, and set a reminder with the **OK** button. Then set the recorder's event timer to record from its SCART input on the date and time noted.



- It is not possible to record HD from the SCART socket. All recordings will be Standard Definition.
- Do not use the channel list, programme guide, interactive services or any other menu while a recording is in progress as these functions will also be recorded.

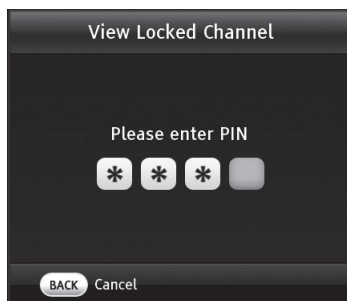


Advanced Use

The Lock Pin

Some of the menu functions can be locked to avoid accidental changes to the unit's setup, and you can lock particular channels to prevent some family members, such as children, from watching them.

To use a locked menu function or watch a locked channel, you need to enter the four-digit PIN that you set when you first installed the unit. You can change the lock PIN, without re-installing the unit, as explained later in this section.



Display Mode

Most freesat programmes are broadcast using a widescreen 16:9 format, designed for a widescreen TV. If you watch a widescreen broadcast on a squarer 4:3 TV, or a 4:3 broadcast on a widescreen TV, the unit provides a choice of how the image is displayed. Pressing the **MODE** button will take you through the three available options.

If you have set up your unit for a 16:9 Widescreen TV, the options are:

- Auto - the broadcaster chooses the best display format.
- Widescreen - a 4:3 broadcast is stretched to fill the 16:9 screen.
- Pillarbox - a 4:3 broadcast is shown unaltered with black bars on each side.

If you have set up your unit for a 4:3 Traditional TV, the options are:

- Auto - the broadcaster chooses the best display format.
- Centre Cut-out - a 16:9 broadcast is cropped to show only the centre of the image.
- Letterbox - a 16:9 broadcast is shown unaltered with black bars above and below it.

TV/DTV

If your TV is connected to the unit's TV SCART socket, pressing the **TV/DTV** button switches the channel displayed on the TV between the signal from the aerial (TV) and digital TV from freesat (DTV).

This button has no effect if your TV is connected to the unit's HDMI socket.


Changing the Channel List

The channel list contains all the freesat channels that the unit found when it was first installed, and may include some channels that you do not watch, do not want to include in the on-screen list, or do not want some members of your family to watch.

If you want to alter the channel list, first press the **LIST** button to display the channel list screen. To remove a channel, highlight it and then press the **RED** button to delete the channel. You need to confirm your choice to ensure you don't delete a channel accidentally.

You can lock a channel to prevent it being selected for viewing without first entering the lock PIN. Highlight the channel and press the **YELLOW** button to lock it. A padlock symbol is shown next to all locked channels in the channel list.



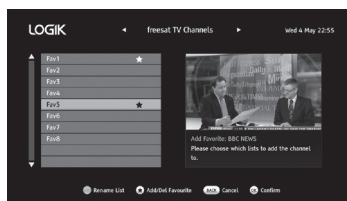
 If you want to unlock a channel that you have locked before, highlight it in the channel list and press the **YELLOW** button. You will need to enter the PIN to complete the process.

Using the Favourite Channels Lists

The favourite channel lists make it easier for you to choose the channel that you want to watch, by limiting the on-screen list to just a few channels, such as those of a particular type, or that one member of the family watches the most.


The unit provides eight favourite channel lists, and it only takes a short time to set up the lists before they can be used. First, display the channel list, by pressing the **LIST** button.

Highlight the channel that you want to include in a favourite channels list, and press the **★** button to show the eight lists available. Highlight the list that you want to include the channel in and press the **★** button to add the channel to that list (a star will appear next to it). You can add a channel to as many lists as you like. Press the **OK** button to store the changes to the lists, or press the **BACK** button to cancel.



You can rename the favourite channels lists to suit their contents (for example, the type of channels in the list, or the name of the person who has chosen them). With the list highlighted, press the **RED** button and enter the name that you want for that list using the on-screen keyboard.



 You can remove a channel from a favourite channels list by following the same process - with the channel highlighted in the channel list, press the **★** button and highlight the favourite channels list you want to remove the channel from, press the **★** button again and then press the **OK** button.



Choose a channel from a favourite channels list, during normal TV viewing, by pressing the **★** button to display the first favourite channels list. Press the **◀▶** buttons to switch to the other lists, and highlight the channel you want to watch using the **▲▼** buttons and then press the **OK** button.

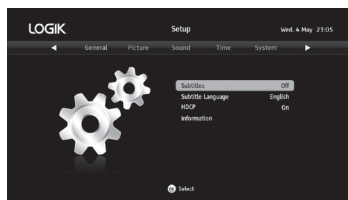


The channels in a favourite channels list appear in the same order as in the normal channel list, regardless of the order you added them.

General Menu

Subtitles

1. Press the **MENU** button to enter the **SETUP** menu.
2. Press the **◀▶** buttons to select **General** in the section bar and then press the **▲▼** buttons to select **Subtitles**.
3. Press the **OK** button to switch on subtitles for all channels that provide them. Switch subtitles off by pressing the **OK** button again.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.



Subtitle Language

1. Press the **MENU** button to enter the **SETUP** menu.
2. Press the **◀▶** buttons to select **General** in the section bar. Press the **▲▼** buttons to select **Subtitle Language** and then press the **OK** button to display the Subtitle Language menu.
3. Press the **▲▼** buttons to select the desired language and then press the **OK** button to confirm.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

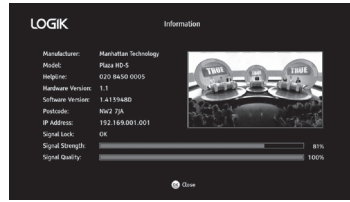


HDCP

1. Press the **MENU** button to enter the **SETUP** menu.
2. Press the **◀▶** buttons to select **General** in the section bar. Press the **▲▼** buttons to select **HDCP**.
3. Press the **OK** button to switch on or off the HDCP (High-bandwidth Digital Copy Protection) on the unit's HDMI output. If the broadcaster has flagged that a programme must use HDCP, this has no effect.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Information

1. Press the **MENU** button to enter the **SETUP** menu.
2. Press the ◀▶ buttons to select **General** in the section bar. Press the ▲▼ buttons to select **Information** and then press the **OK** button to show technical information about your unit, including the Helpline phone number, signal strength and quality readings.
3. Press the **BACK** button or the **EXIT** button to exit the main menu.

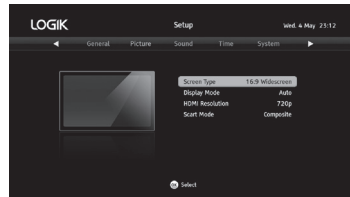



 We recommend that you have this screen displayed on your TV if you need to phone the helpline.

Picture Menu

Screen Type

1. Press the **MENU** button to enter the **SETUP** menu.
2. Press the ◀▶ buttons to select **Picture** in the section bar and then press the ▲▼ buttons to select **Screen Type**.
3. Press the **OK** button to show the Screen Type menu and then press the ▲▼ buttons to choose between 16:9 Widescreen and 4:3 Traditional. Press the **OK** button to confirm your choice.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.



 This setting overrides the screen type you selected when you first installed the unit.


Display Mode

1. Press the **MENU** button to enter the **SETUP** menu.
2. Press the ◀▶ buttons to select **Picture** in the section bar and then press the ▲▼ buttons to select **Display Mode**.
3. Press the **OK** button to display the Display Mode menu and then press the ▲▼ buttons to choose between Auto, Centre Cut-Out, and Letterbox, if the screen type is set to 4:3 Traditional, or between Auto, Widescreen, and Pillarbox if the screen type is set to 16:9 Widescreen. Press the **OK** button to confirm your choice.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

 This menu option has the same effect as the **MODE** button.


HDMI Resolution

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Picture** in the section bar and then press the **▲▼** buttons to select **HDMI Resolution**.
3. Press the **OK** button to show the HDMI Resolution menu and then press the **▲▼** buttons to choose the correct resolution for your TV. You should set the HDMI resolution to the highest that your TV can display (see your TV's instruction manual). If in doubt, set the resolution to 720p. Press the **OK** button to confirm your choice.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

 If you set an incompatible resolution or move your unit to a different TV that doesn't support the active resolution, ensure the unit is turned on and then press and hold the **MODE** button for 10 seconds. The resolution will change to 720p, which is supported by all HD TVs.

SCART Mode

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Picture** in the section bar and then press the **▲▼** buttons to select **SCART mode**.
3. Press the **OK** button to show the SCART Mode menu and then press the **▲▼** buttons to choose between Composite and RGB for the correct output for a TV connected to the unit's TV SCART output. Press the **OK** button to confirm your choice.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

 The RGB setting will usually produce the best quality SCART picture but a few TVs cannot accept this signal (see your TV's instruction manual). This setting has no effect on the unit's HDMI output.

Sound Menu

Audio Language

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Sound** in the section bar. Press the **▲▼** buttons to select **Audio Language**.
3. Press the **OK** button to show the Audio Language menu and then press the **▲▼** buttons to select the desired language you want for the sound track. Press the **OK** button to confirm your choice.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.





Audio Description

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Sound** in the section bar. Press the **▲▼** buttons to select **Audio Description**.
3. Press the **OK** button to switch on audio description for all channels that provide it. Switch audio description off by pressing the **OK** button again.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Dolby Digital

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Sound** in the section bar. Press the **▲▼** buttons to select **Dolby Digital**.
3. Press the **OK** button to switch on the Dolby Digital surround sound output from the SPDIF and HDMI sockets, for all programmes that provide it (channels with Dolby Digital sound available show the **DD** in the information bar). Switch off Dolby Digital by pressing the **OK** button again. Only turn this on if you have connected your unit to a product that supports Dolby Digital.
When Dolby Digital is set to off and you watch programmes with Dolby Digital sound the unit will decode the audio for you.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.



The volume level of Dolby Digital is fixed, therefore you cannot use the volume control buttons when you watch programming with Dolby Digital.

Lip-Sync Delay Resolution

If you find the sound and picture falling out of sync, you can delay the sound output by a small amount to compensate.

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Sound** in the section bar. Press the **▲▼** buttons to select **Lip-Sync Delay**.
3. Press the **OK** button to show the lip-sync delay menu on top of the normal TV picture, and press the **◀▶** buttons to alter the amount of audio delay in 10ms steps from 0-250ms. Press the **OK** button to confirm your choice and return to the sound menu.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Balance

You can alter the volume balance between the left and right stereo sound outputs

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Sound** in the section bar. Press the **▲▼** buttons to select **Balance**.
3. Press the **OK** button to show the Balance menu and then press the **◀▶** buttons to alter the balance in favour of the right side (positive) or left side (negative). Press the **OK** button to confirm the setting.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.



Time Menu

Auto Standby

To conserve power, the unit will switch to standby after three hours if no buttons are pressed on the remote control or front panel.

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Time** in the section bar. Press the **▲▼** buttons to select **Auto Standby**.
3. The Auto Standby function is normally turned on, and can be turned off by pressing the **OK** button.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.



Sleep Timer

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Time** in the section bar. Press the **▲▼** buttons to select **Sleep Timer**.
3. Press the **OK** button to show the Sleep Timer menu and then press the **▲▼** buttons to choose a time up to 90 minutes after which the unit automatically switches itself to standby. Press the **OK** button to confirm your choice.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Auto Turn On

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Time** in the section bar. Press the **▲▼** buttons to select **Auto Turn On**.
3. Press the **OK** button to show the Sleep Timer menu and then press the **▲▼** buttons to show the auto turn on menu and then press the **◀▶** buttons to set the timer to turn the unit on once, every day, each week, on weekdays, weekends, or particular days of the week. Then press the **▲▼** buttons, along with the **◀▶** buttons and the **0-9** buttons to set the switch-on time, the channel source (freesat TV or radio), the channel number and the sound volume. Press the **OK** button to confirm.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Auto Turn Off

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Time** in the section bar. Press the **▲▼** buttons to select **Auto Turn Off**.
3. Press the **OK** button to show the auto turn off menu and then press the **◀▶** buttons to set the timer to turn the unit off once, every day, each week, on weekdays, weekends, or particular days of the week. Then press the **▲▼** buttons, along with the **◀▶** buttons and **0-9** buttons to set the switch-off time. Press the **OK** button to confirm.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

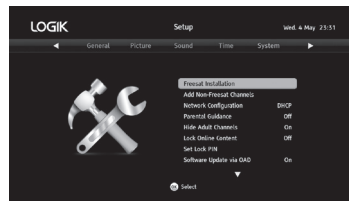
Time Zone

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **Time** in the section bar. Press the **▲▼** buttons to select **Time Zone**.
3. Press the **OK** button to show the time zone menu and then press the **▲▼** buttons to highlight the correct European time zone for your location. Press the **OK** button to confirm your choice.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

System Menu

Freesat Installation

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **System** in the section bar. Press the **▲▼** buttons to select **Freesat Installation**.
3. Press the **OK** button to retune all the freesat channels. If you retune freesat, you will lose all channels from the favourite channels lists (but not the lists' names), remove any channel locks you have set, and restore any channels you have deleted from the channel list.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.



Add Non-freesat Channels


1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **System** in the section bar. Press the **▲▼** buttons to select **Add Non-freesat Channels**.
3. Press the **OK** button to tune the Non-freesat Channels. See the Non-freesat Channels section of this instruction manual for full details of how you can add and watch Non-freesat Channels.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Network Configuration

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **System** in the section bar. Press the **▲▼** buttons to select **Network Configuration**.
3. Press the **OK** button to set the Network Configuration. See the Setting up for Online TV section of this instruction manual for full details of how to set up the Network Configuration.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.



Parental Guidance

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the ◀▶ buttons to select **System** in the section bar. Press the ▲▼ buttons to select **Parental Guidance**.
3. Press the **OK** button to turn on or off the parental guidance lock. This prevents watching any programme broadcast with a  parental guidance warning, or displaying the system menu, without first entering the lock PIN.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Hide Adult Channels

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the ◀▶ buttons to select **System** in the section bar. Press the ▲▼ buttons to select **Hide Adult Channels**.
3. Press the **OK** button to hide or show the adult freesat channels. If you set the unit to hide adult channels, all adult genre channels are removed from the programme guide and the channel list, and they cannot be selected by putting in the channel number or by skipping through the channels with the **P+ / P-** buttons.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Lock Online Content

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the ◀▶ buttons to select **System** in the section bar. Press the ▲▼ buttons to select **Lock Online Content**.
3. Press the **OK** button to turn on or off the online content lock that prevents any online services being viewed without first entering the lock PIN. See the Online TV section of this guide for more details of how you can connect to and watch online services.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.



To prevent other users resetting this function, to show the adult channels, we recommend that if you hide the adult channels, you also turn on the parental guidance lock.

Set Lock Pin

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the ◀▶ buttons to select **System** in the section bar. Press the ▲▼ buttons to select **Set Lock Pin**.
3. Press the **OK** button to show the set lock PIN menu. Change the PIN used by first entering the current PIN and then entering and confirming your choice of new PIN.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.



Software Update Via OAD

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the ◀▶ buttons to select **System** in the section bar. Press the ▲▼ buttons to select **Software Update Via OAD**.
3. Press the **OK** button to turn on or off the automatic software update.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

OAD Software Manual Scan

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the ◀▶ buttons to select **System** in the section bar. Press the ▲▼ buttons to select **OAD Software Manual Scan**.
3. Press the **OK** button to immediately search for new software to download.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Software Update Via USB

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the ◀▶ buttons to select **System** in the section bar. Press the ▲▼ buttons to select **Software Update Via USB**.
3. Press the **OK** button to load new software for the unit from a storage device connected to the USB socket on the back of the unit. You can only load update software from the USB socket and it must be in the correct format to update successfully.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Restore Factory Default

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the ◀▶ buttons to select **System** in the section bar. Press the ▲▼ buttons to select **Restore Factory Default**.
3. Press the **OK** button to revert all the unit settings to what they were when you first got your unit and to start the installation procedure described in the Preparation section of this guide. You must enter the lock PIN, and then confirm in another menu, to start the process because it will delete all channels, favourite channels, favourite channel list names, and the unit configuration.
4. Press the **BACK** button or the **EXIT** button to exit the main menu.

Online TV

This section explains how to set up the unit to watch online TV services, such as the BBC iPlayer and ITV Player catch-up services. You must have a broadband Internet connection in your home to watch online TV.

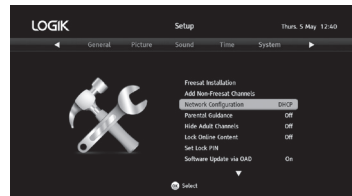
You can read the latest information about freesat online TV services on the freesat information page on channel 999.

Setting Up for Online TV

Connect a network cable from the RJ-45 network socket on the back of the unit to either your broadband modem/router or a network switch in your home network, as appropriate. Consult your modem/router's instruction manual for guidance.

If the unit has made a connection with your modem or home network, one or both of the small green and orange lights immediately above the RJ-45 socket will light and/or flicker.

Press the **MENU** button and then press the ◀▶ buttons to select **System** to display the menu. You should check that the **Network Configuration** menu option shows "DHCP" to automatically configure the network connection.



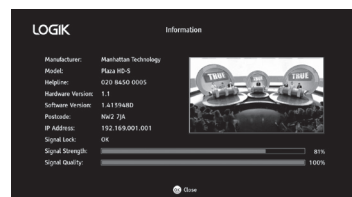
If your broadband modem/router is not compatible with DHCP (Dynamic Host Configuration Protocol), you will need to set the addresses manually. Press the ◀▶ buttons to change the configuration to "Static" and for each of the addresses in turn (IP Address, Subnet Mask, Router Address, and DNS Address) press the ▼ button to highlight the address and then press the **RED** button to edit the address.



Consult the instruction manual or supplier for your modem/router or network for help choosing the correct addresses.

Highlight each of the four "octets" that are to be changed, enter the number required using the 0-9 buttons, and press the **OK** button to confirm that address. When all four addresses have been set correctly, press the **OK** button to set the configuration and return to the system menu page.

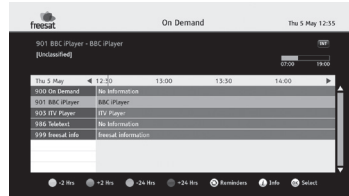
You can check that the unit has successfully connected to the Internet from the technical information page. Press the ▶ button to display the **General** menu (or, if you are no longer on the System menu page, first press the **MENU** button) and then press the ▼ button to highlight the "Information" option, then press the **OK** button.



If the IP address item shows a number in four sections separated by dots, then the unit is connected to your local network. If online services still do not work, you should check your router's connection to the Internet. If "Not Connected" is shown, you should carefully check the broadband connection and the Network Configuration.

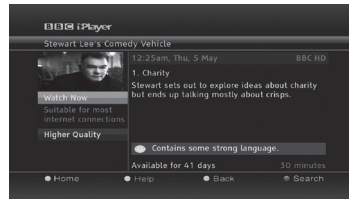
Watching Online TV

You can switch to online TV either through the interactive services on a channel providing online TV, or through an online channel chosen by number or using the channel list or programme guide.



The online TV channels are numbered from 900 and are in the On Demand section of the programme guide.

When you switch to an online TV channel, it may take a few seconds longer to show the picture than a freesat satellite channel. You will then need to progress through a series of menus, using the **0-9** buttons, the **colour** buttons, **◀▶** buttons and the **OK** button, to find and start the programme you want to watch. You go through these menus in a different way depending on the online broadcaster.

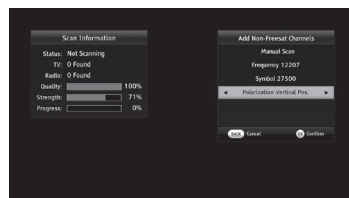
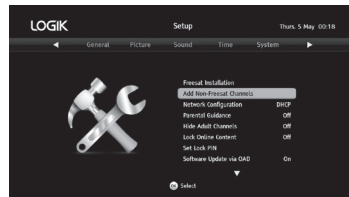


Non-freesat Channels

This section explains how to set up your unit to receive channels that are not included with freesat. As well as receiving the many freesat channels, the unit can also be used to watch other channels, as long as they are broadcast from the same satellites as freesat and are free.

Tuning in Non-freesat Channels

1. Press the **MENU** button to enter the **Setup** menu.
2. Press the **◀▶** buttons to select **System** in the section bar. Press the **▲▼** buttons to select **Add Non-freesat Channels**.
3. Press the **OK** button to add non-freesat channels you must enter the tuning details for an individual transponder (a group of channels).
4. Enter the frequency and symbol rate of the transponder to scan, using the **0-9** buttons, and its polarization by using the **◀▶** buttons. You can move between the three items using the **▲▼** buttons. When you have entered the tuning information, press the **OK** button to start the scan.



The tuning information for non-freesat channels may be printed in specialist magazines, or given on a specific channel's website.

5. The unit will take a few moments to complete the scan. While it is scanning, the unit displays the number of TV and radio channels found so far. When it is finished, the unit will display a list of all the channels found.
6. You can choose to watch a non-freesat channel from this list by moving the orange bar using the **▲▼** buttons to highlight the channel you want and pressing the **OK** button, or return to watching TV by pressing the **BACK** button or the **EXIT** button.



Watching Non-freesat Channels

Non-freesat channels and freesat channels are stored separately in the unit but you can switch between them quite easily. When you are watching a non-freesat channel, the information bar displays the Logik logo instead of the freesat logo.

While watching a non-freesat channel, you can step through the other non-freesat channels by pressing the **P+** / **P-** buttons.

You can also switch directly to the channel you want using the **0-9** buttons. All the non-freesat channel numbers have four digits. If you enter only the three digits of a freesat channel, the unit will switch to that freesat channel.



Non-freesat TV channels are stored from channel number 3001 and non-freesat radio channels from 4001.

While watching a freesat channel you cannot enter a four-digit channel number to switch to a non-freesat channel, but you can press the **⊞** button to switch to the channel you last watched, whether it was a freesat or non-freesat channel.

You can browse through the non-freesat channels and programmes in the same way as you browse the freesat channels. Press the **i** button or the **▲▼** buttons to display the information bar and then press the **▲▼** buttons to see what is showing at the moment on any of the other non-freesat channels, and the **▶** button to see the programmes on next.



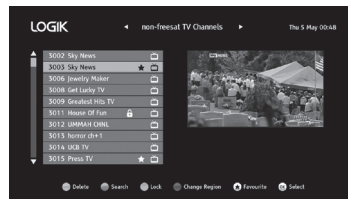
The programme guide does not display non-freesat channels.

When you have some non-freesat channels stored, the channel list displays both freesat and non-freesat channels. Go to the channel list by pressing the **LIST** button. Now pressing the **◀▶** buttons will take you through the four channel lists available:

- freesat TV Channels
- freesat Radio Channels
- non-freesat TV Channels
- non-freesat Radio Channels

You can use the same channel list functions for any of the lists, so you can search the non-freesat channels for a word, lock or delete a channel, or add it to your favourite channels lists.

If you put your favourite freesat channels and your favourite non-freesat channels in the same favourite channels list, you can switch from one to the other freely and easily.



Hints and Tips

If a problem does occur, it may often be due to something very minor. The following table contains various tips. If you require additional assistance please call our UK Call Centre on **0844 561 1234**. Our UK Customer Contact Centre is open Monday-Saturday 8am-8pm or Sunday 8am-6pm.

Problem	Possible Cause	Solution
Standby Indicator Off	<ul style="list-style-type: none"> Mains adapter disconnected 	<ul style="list-style-type: none"> Check mains adapter connection on unit and mains socket
No set up screen	<ul style="list-style-type: none"> Unit not switched on HDMI/SCART cable disconnected TV not switched to HDMI/SCART input 	<ul style="list-style-type: none"> Switch on unit. Check HDMI/SCART cable connection to unit and TV Select TV's HDMI/SCART input
Signal lock failed	<ul style="list-style-type: none"> Cable from the satellite dish disconnected Satellite dish in the wrong position 	<ul style="list-style-type: none"> Check the satellite cable connections at the unit and the satellite dish. Consult your installer if necessary Reinstall the satellite dish. Consult your installer if necessary
Signal strength below 50%	<ul style="list-style-type: none"> Satellite dish in the wrong position 	<ul style="list-style-type: none"> Reinstall the satellite dish. Consult your installer if necessary
Not accepting postcode	<ul style="list-style-type: none"> Broadcast error 	<ul style="list-style-type: none"> Postcode tables are not being transmitted. Press GREEN button to activate default tuning.
"No signal" message	<ul style="list-style-type: none"> Cable from the satellite dish disconnected Satellite dish damaged or in the wrong position 	<ul style="list-style-type: none"> Check the satellite cable connections at the unit and the satellite dish. Consult your installer if necessary Check the satellite dish. Consult your installer if necessary
No picture or sound	<ul style="list-style-type: none"> HDMI/SCART cable disconnected TV not switched to HDMI/SCART input 	<ul style="list-style-type: none"> Check HDMI/SCART cable connections at the unit and the TV Select TV's HDMI/SCART input
No picture via HDMI	<ul style="list-style-type: none"> Incompatible HDMI resolution selected - many TVs don't support 1080p or 1080i, but only 720p. 	<ul style="list-style-type: none"> While the unit is on, press and hold the MODE button for 10 seconds and the resolution will change to 720p.
Full picture not visible	<ul style="list-style-type: none"> Mismatched screen format 	<ul style="list-style-type: none"> Choose the correct Screen Size to suit your TV



Problem	Possible Cause	Solution
TV picture not HD	<ul style="list-style-type: none">• Tuned to an SD channel• TV not capable of HD• TV connected by SCART	<ul style="list-style-type: none">• Tune to an HD channel• Connect the unit to an HD-Ready TV• Connect the TV with a HDMI cable
No response with remote control	<ul style="list-style-type: none">• Unit in standby• Remote control not aimed at the unit correctly• Remote sensor on the front of the unit is obstructed	<ul style="list-style-type: none">• Switch on the unit• Aim remote control at the unit• Check for obstructions in front of the unit
The unit switches off after 3 hours	<ul style="list-style-type: none">• Auto Standby is on	<ul style="list-style-type: none">• Turn off the Auto Standby in the Time menu.
Cannot view a channel	<ul style="list-style-type: none">• Wrong channel number used• Channel locked	<ul style="list-style-type: none">• Choose the channel from the channel list• Enter the PIN. If you have forgotten the PIN, phone the helpline on 020 8450 0005
No information for a channel in the programme guide	<ul style="list-style-type: none">• Information on the channel not downloaded• You are on a non-freesat channel	<ul style="list-style-type: none">• Wait for the download• Select a freesat channel
No digital text or interactive services	<ul style="list-style-type: none">• Services not available on chosen channel	<ul style="list-style-type: none">• Switch to a channel broadcasting interactive services
No BBC iPlayer	<ul style="list-style-type: none">• No connection to Internet	<ul style="list-style-type: none">• Check broadband connection and network configuration in system menu
Can't record a channel	<ul style="list-style-type: none">• No connection to a recorder• Wrong recorder input selected	<ul style="list-style-type: none">• Install a SCART lead from the unit to the recorder• Select recorder's SCART input (see your recorder's instruction manual for guidance)



Specification

Model	LHDFSAT11	
Tuner	Standard	DVB-S/S2
	Input Frequency	950~2150MHz
	Input Connector	F type, female 75 ohm
	LNB Supply	14.0V / 19.0V (maximum.350mA), short-circuit protected
	Digital Signal Input Level	-20 to -65 dBm
Video	HDMI Output	Resolution 576i / 576p / 720p / 1080i /1080p
	SCART Output	TV (CVBS/RGB) & VCR (CVBS)
	Aspect Ratio	4:3, 16:9 and letter box
Audio	TV & VCR SCART Output	Audio Left & Right
	Optical SPDIF Output	Dolby Digital, Dolby Digital + & PCM
USB	Host	2.0 (5V@1A max) for software upgrade only.
Internet Connectivity	Ethernet	RJ-45 10/100 Base-T (with green Link LED & yellow Data LED)
Power Requirements	Mains input voltage	100-240VAC~ 50Hz
	Power Consumption	Max 10W (LNB with 200mA) & Standby less than 1W
Dimensions	Width, Depth and Height	258mm x 175mm x 44mm

Features and specifications are subject to change without notice.



Safety Warnings

Read all the instructions carefully before using the unit and keep them for future reference.

Retain the manual. If you pass the unit onto a third party make sure to include this manual.

Check that the voltage marked on the rating label matches your adapter voltage.

Damage

- Please inspect the unit for damage after unpacking.
- Do not continue to operate the unit if you are in any doubt about it working normally, or if it is damaged in any way - switch off, withdraw the mains adapter and consult your dealer.

Location of Unit

- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.
- This unit is designed for indoor use only.

Temperature

- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources such as radiators or gas/electric fires.
- Avoid exposure to direct sunlight and other sources of heat.

Naked Flames

- Never place any type of candle or naked flame on the top of or near the unit.

Moisture

- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, such as vases, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damage. Switch it off at the mains immediately. Withdraw the mains adapter and consult your dealer.

Ventilation

- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.

Safety

- Always disconnect the unit from the mains supply before connecting/disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket during a lightning storm.


Mains Adapter Cable

- Make sure the unit or unit stand is not resting on top of the mains cable, as the weight of the unit may damage the mains cable and create a safety hazard.
- If the mains cable is damaged it must be replaced by the manufacturer, its service agent, or similarly qualified persons in order to avoid a hazard.

Interference

- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted picture or sound.

Standby

- The  button on the remote control does not switch off the unit completely. The unit will continue to draw electricity from the mains supply while in standby. In the interests of safety and to avoid unnecessary energy consumption, never leave the unit in standby while unattended for long periods of time, e.g. overnight, while on holiday or while out of the house. Switch it off and disconnect the mains adapter from the mains socket.

Batteries

- Batteries used in the remote control for this unit are easily swallowed by young children and this is dangerous.
- Keep loose batteries away from young children and make sure that the battery holder tray is secure in the remote control. Seek medical advice if you believe a cell has been swallowed.
- Please dispose of batteries correctly by following the guidance in this manual.

Supervision

- Children should be supervised to ensure that they do not play with the unit and the remote control.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal 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 unit's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



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 manual accompanying the unit.

Service

- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.

Maintenance

- Ensure to unplug the unit from the mains socket before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.

NOTE: If you require a replacement for any of the items listed below, please quote their corresponding part numbers:

Replacement Part	Part Number
Remote Control	49141-B6312
Batteries	46106-00002-001
Mains Adapter	42011-00299
HDMI Cable	45011-00441



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Notes for battery disposal

The batteries used with this product contain chemicals that are harmful to the environment. To preserve our environment, dispose of used batteries according to your local laws or regulations. Do not dispose of batteries with normal household waste.

For more information, please contact the local authority or your retailer where you purchased the product.



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU.

For more information, please contact the local authority or your retailer where you purchased the product.

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