



Picture simulated

Digital Satellite Receiver SRT 6752

User Manual
Bruger manual
Användarmanual
Brukerhåndbok
Käyttöohje

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Your set-top box has been manufactured to meet international safety standards, but you must take care if you want to obtain the best results and operate it safely.

It is important that you read this booklet completely, especially the safety instructions below. *If you have any doubts about the installation, operation or safety of your set-top box, please consult your dealer.*

The model number, serial number and electrical rating of this set-top box are on a label on its base.

WARNING!

Remember that contact with 230 V AC mains can be lethal or can cause a severe electric shock. To avoid this risk:

-  **Never remove the top cover from your set-top box. There are no user-serviceable parts inside it, but there are some high-voltage live parts.**
-  **Make sure that all electrical connections are properly made.**
-  **Do not connect any of your equipment (set-top box, TV, video recorder etc.) to the mains supply until you have properly connected all the other leads.**
-  **Disconnect your set-top box from the mains supply (by disconnecting its mains lead from the mains wall socket) before you disconnect any other equipment from its rear panel.**
-  **Never push anything into the holes, slots or other openings of the set-top box case (except a smart card into its correct slot).**

CAUTION!

- ✓ In order to ensure a free flow of air around the set-top box, allow at least 5 cm of space above and around the set-top box.
- ✗ Never stand your set-top box on soft furnishings or carpets. Do not cover any ventilation slots.
- ✗ Do not place your set-top box in an unventilated cabinet or on top of a unit which emits heat (e.g. a TV or VCR).
- ✗ Do not place your set-top box in a cabinet with more than one other piece of audio/video equipment, for example, VCR or DVD.
- ✗ Do not use or store your set-top box in hot, cold, damp or dusty places.
- ✗ Do not put anything on your set-top box which might drip or spill into it. Never stand objects filled with liquids, such as vases, on top of your set-top box.
- ✗ Never place naked flame sources, such as lighted candles, on top of your set-top box.
- ✗ If you move your set-top box between locations at different temperatures, allow it to reach room temperature before you apply power to it.

❖ Updates to your set-top box

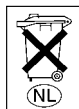
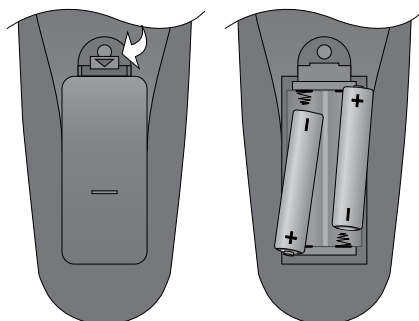
From time to time, your set-top box may be updated. These updates provide enhanced features; new screens and menus may become available. Although any new screens and menus may look a little different from those described in this User Guide, you should be able to use the same techniques (e.g. highlight and select) with them.

Updates will usually happen in the middle of the night. You should not unplug your set-top box at the mains, as this may affect any updates which may occur.

❖ Inserting the batteries in your remote control

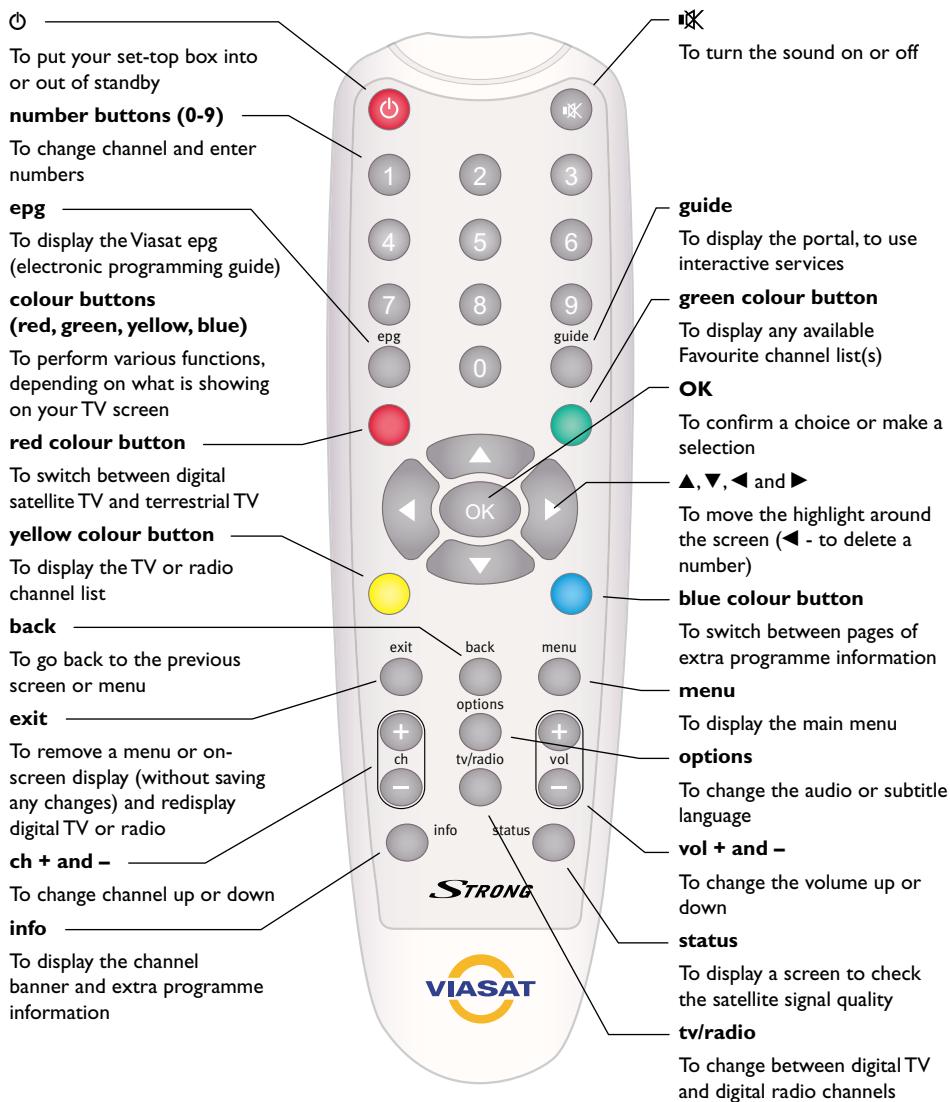
Before you can use your remote control, you must insert the two supplied AAA batteries as follows:

1. Push the catch at the top of the remote control battery cover down, then lift off the cover.
2. Insert the batteries as shown below. Be sure to match the + and – marks on the batteries to their respective marks inside the battery compartment.
3. Replace the battery cover, by inserting the tab at the bottom of the cover first, then pushing the cover into place.

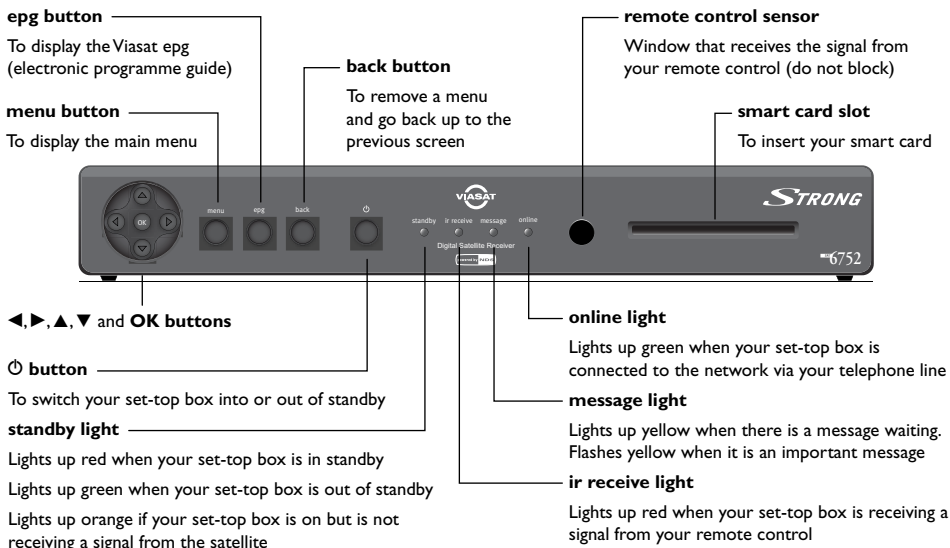


- ✗ Don't leave flat batteries in your remote control.
- ✓ Replace both batteries at the same time.
- ✗ Do not dispose of used batteries with your domestic rubbish.
- ✓ Used batteries should be recycled at the end of their useful life.

❖ Remote control buttons: quick reference

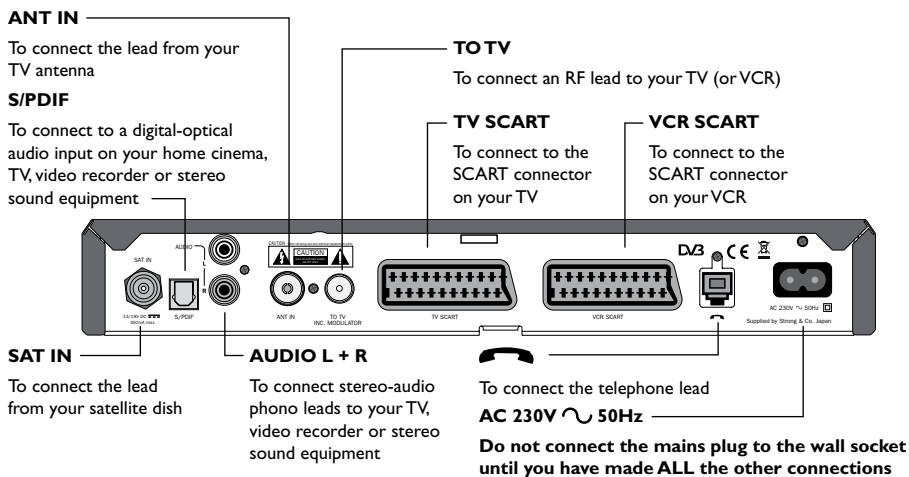


❖ Front panel



❖ Rear panel connectors overview

Full details about connecting up and installing your set-top box begin on page 6.



WARNING

Always disconnect your set-top box from the mains supply before you connect it to (or disconnect it from) any other equipment.

To install your Strong set-top box, follow the instructions from this page up to page 14.

❖ The supplied equipment

If you have not already done so, remove all the packaging.

You should have the following items:

- ◆ Strong set-top box (see page 5)
- ◆ Remote control and batteries (see pages 3 and 4)
- ◆ User guide
- ◆ Mains lead - with 2-way set-top box connector and 2-pin mains plug (see right)
- ◆ SCART lead (see right)
- ◆ RF lead (see right)
- ◆ Telephone lead - RJ11 to RJ11 (see right)
- ◆ Telephone line (RJ11) adapter suitable for your location (see page 10)



Mains lead



SCART lead



RF lead



Telephone lead

❖ Where to place your set-top box

Before you start, make sure that your TV, VCR and set-top box will be placed in a location that is conveniently located:

- ◆ near an easily-accessible mains wall socket;
- ◆ within reach of your TV-antenna and satellite-dish leads;
- ◆ within 10 metres of a telephone point. (If not, you will need an extension telephone lead.)

WARNING

Before you connect your set-top box to any other equipment, you must disconnect ALL the equipment from the mains supply.

❖ What else do I need?

Smart card

If you wish to view premium services, you will need a smart card. This is available from your service provider, Viasat.

Satellite dish

You will need a correctly-installed satellite dish, pointing at the correct satellite(s).

- ◆ If you have a satellite dish but it is not pointing at the correct satellite(s), you will need to make adjustments. Please see the information supplied with your dish/LNB for details on how to do this, or seek professional advice.
- ◆ If you do not have a satellite dish installed, please ask your dealer to recommend a local dish-installation engineer.

Single LNB

If you have one LNB only, to ensure the simplest installation method, and for the best Viasat channel line-up, you should use the 'Sirius' satellite, at 5° East. However, if you prefer, you can set up your system for any one of the four satellites listed in the LNB positions table below.

Multiple LNB set-up

If you are using a DiSEqC™ unit* with 2 or more LNBs/satellite dishes, to ensure a simpler installation, and for the best Viasat channel line-up, you should connect up the LNBs to the DiSEqC™ ports as shown in the LNB positions table below.

You must then connect your DiSEqC™ unit to the satellite input on your set-top box (see also pages 8 and 9).

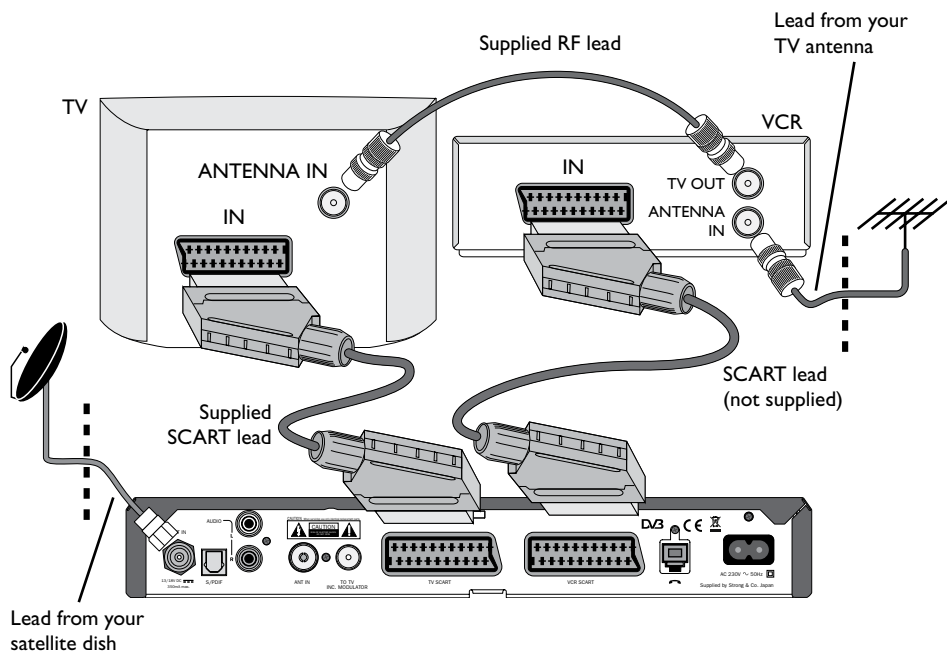
LNB positions table

Satellite	Position	Recommended DiSEqC™ port (for multiple LNB set-ups)
Thor	1° West	1
Sirius	5° East	2
Hotbird	13° East	3
Astra	19° East	4

*DiSEqC™ is a trademark of Eutelsat.

❖ Connection method 1: To TV and VCR

If you have a VCR with a SCART connector and a TV with a SCART connector, you can connect up as shown in the diagram below.



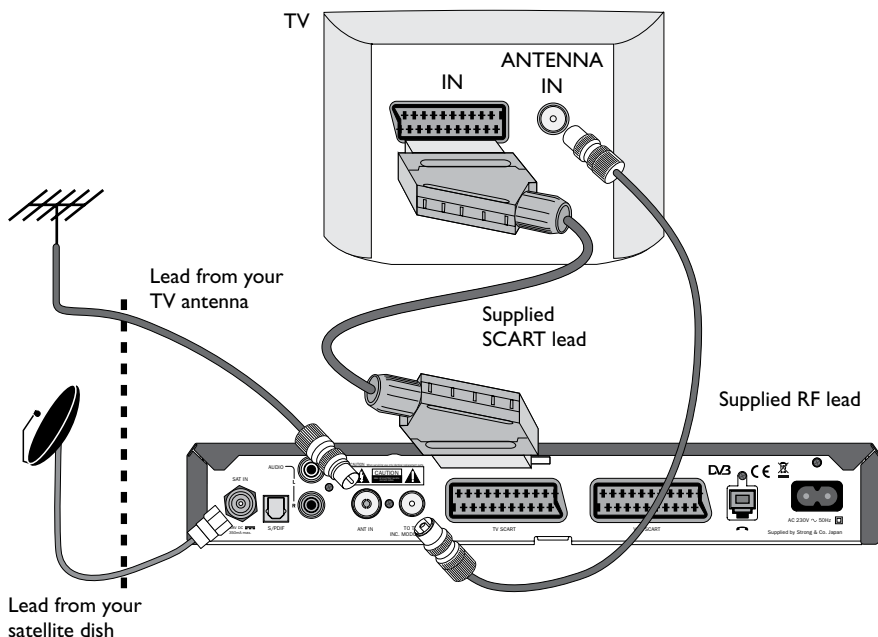
1. Use the supplied SCART lead to connect your set-top box to your TV.
2. Use a SCART lead (not supplied) to connect your set-top box to your VCR.
3. Connect the lead from your satellite dish to the satellite input connector (marked **SAT IN**) on your set-top box.

The RF connection is not required for digital satellite TV. However, you may wish to connect RF leads as shown, to continue to view or record terrestrial TV from your TV antenna.

You must then connect the lead from your TV antenna to the antenna input connector on your VCR.

❖ Connection method 2: To TV only

If you wish to connect your set-top box to a TV only, connect up as described in 2A or 2B below. (The diagram below shows methods 2A and 2B combined.)



2A: If your TV has a SCART connector

1. Use the supplied SCART lead to connect your set-top box to your TV.
2. Connect the lead from your satellite dish to the satellite input connector (marked **SAT IN**) on your set-top box.
3. To continue to view terrestrial TV from your TV antenna, connect the lead from your TV antenna directly to your TV (not shown on the diagram).

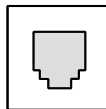
2B: If your TV does not have a SCART connector


1. Use the supplied RF lead to connect from your set-top box's RF out connector (marked **TO TV**) to your TV.
2. Connect the lead from your satellite dish to the satellite input connector (marked **SAT IN**) on your set-top box.
3. Connect the lead from your TV antenna to the antenna input connector (marked **ANT IN**) on your set-top box.

❖ Connecting to the telephone line

Note

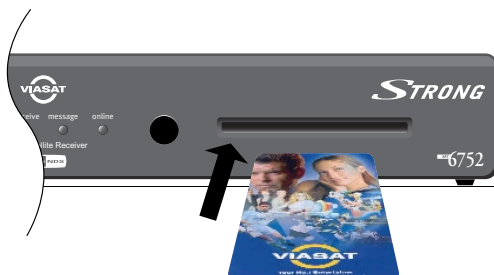
If your telephone wall socket is not an RJ11 socket (shown right), you will need to use one of the supplied adapters. If your telephone wall socket is an RJ11 socket, you may need a splitter (not supplied) so that you can plug in both your set-top box and your telephone.



1. Insert one end of the supplied telephone lead into the telephone socket (labelled ) on the rear panel of your set-top box.
2. Choose the correct adapter for your location. If you are not sure which one to use, compare with your telephone connector.
Insert the free end of your supplied telephone lead into the RJ11 socket on the adapter.
3. Remove your telephone connector from your telephone wall socket. Insert your telephone connector into the correct socket on your adapter.
Insert the adapter into your telephone wall socket.

❖ Inserting your smart card

1. Take your smart card from its packaging (if you have not already done so). Make sure that the picture is facing upwards, and that the gold chip (underneath) is nearest to the slot when you insert your smart card.
2. Insert the smart card into the smart card slot of the front panel of your set-top box. Insert it as far as it will go, without forcing it.



Taking care of your smart card

- ◆ Do not remove and re-insert your smart card unnecessarily.
- ◆ Do not bend your smart card; keep it away from children and pets.
- ◆ Do not put your smart card in liquids or use cleaning fluids on it.

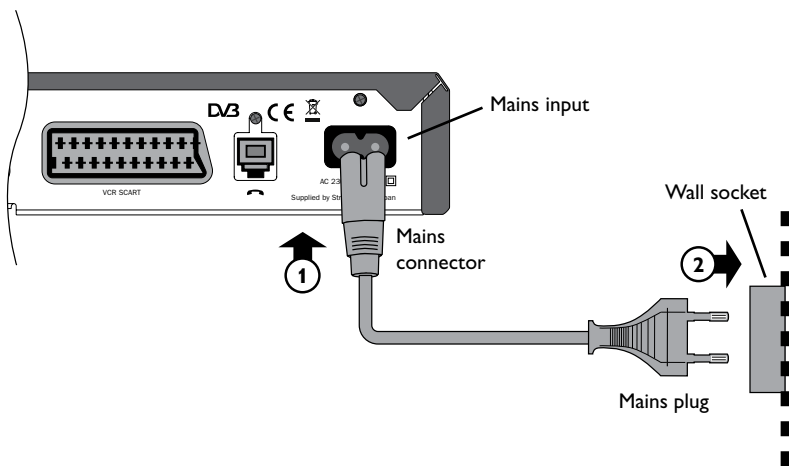
❖ Connecting to the mains supply

Once you have safely made all the other connections, you can connect your set-top box to the mains supply.

WARNING

DO NOT connect the mains plug to the wall socket until you have made **ALL** the other connections.

1. Using the supplied mains lead, insert the set-top box mains connector into the mains input (marked **AC 230V ~ 50Hz**) on your set-top box, as shown in the diagram below.
2. Connect the mains plug to the mains wall socket as shown in the diagram below.
3. If there is a switch by the mains wall socket, switch it on.
4. Connect your other equipment to the mains supply.



Notes

Your set-top box operates with 230 V AC, 50 Hz mains supplies.

Do not connect it to a DC power supply.

The supplied mains lead has a 2-way connector at one end and a mains plug at the other. You should always insert the 2-way connector into your set-top box **before** you insert the plug into the mains supply.

The only way to disconnect your set-top box from the mains is to remove the mains lead. Your set-top box must therefore be installed near to the mains socket-outlet, which should be easily accessible.

If you are in any doubt about the mains lead, its plug or its connection, consult a competent electrician.

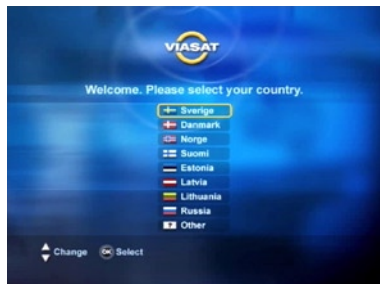
❖ Switching on for the first time

When you connect your set-top box to the mains, your set-top box's front panel lights go through a start-up sequence. After about 20 seconds, your set-top box is switched on and out of standby, and the standby light is green.

- ◆ Make sure your TV is switched on.

If the Countries screen below displays, your TV is ready for digital satellite channels.

You can now continue the installation by turning to the section 'Making the installation settings' on page 13, but note that if you have a VCR connected to your set-top box via an RF lead, to be able to record satellite programmes, you may need to perform RF Tuning for your VCR - see below.



If the Countries screen does not display...

If you have connected your set-top box to your TV (and VCR) via SCART leads, try selecting your TV's 'AV input'.

If you have connected your set-top box to your TV (and VCR) via RF leads only, you need to tune a 'channel for satellite TV' (see below).

❖ RF Tuning

If you have connected up your equipment via RF leads, you may need to perform RF tuning before you can watch digital satellite TV.

Note

If you have previously had an analogue satellite receiver connected to your TV (and/or VCR), you may find that your 'channel for satellite TV' still works for your new digital channels. Try it to see - if it works you do not need to perform RF tuning.

RF tuning your TV (and VCR) to your set-top box

1. Make sure your set-top box is out of standby (the standby light on the front panel should be green).
2. Consulting your TV's user guide if necessary, tune the TV until you can see the Countries screen (see above) on your TV screen.
3. Store your new 'channel for digital satellite TV' on a TV channel number of your choice. For example, if your terrestrial channels are channels 1 to 5, and your 'VCR channel' is channel 8, you may wish to use TV channel 9 as your 'channel for digital satellite TV'.
4. If you have a VCR, set your TV to its 'VCR channel', then tune your VCR until you can again see the Countries screen.

If you cannot RF tune your TV (or VCR) to your set-top box...

Your set-top box's factory preset RF *output* channel is channel 38. (This is not the same as a TV channel.)

If channel 38 is not compatible with your TV, for example if it is already being used as your VCR's output channel, or for a terrestrial channel, you may find you cannot tune your TV to your set-top box because of interference.

Changing the RF output channel is covered in the setup section (see page 28).

RF channels may also be known as *UHF* channels.

❖ Making the installation settings

Choosing your country

If you have completed the installation instructions up to this point, the Countries screen is displayed on your TV screen. (See page 12 for a picture of the Countries screen.)

1. Take your remote control. If you have not already inserted the batteries, do so now (see page 3).
2. Press **▲** or **▼** until the country you want is highlighted, then press **OK**. A Welcome screen now appears.
3. Press **▲** or **▼** to select your LNB type, then press **OK**. Or, press **back** to redisplay the Countries screen.

Note: It is important that, while you are configuring a set-top box for a SatCR (Satellite Channel Router) installation, any other installed set-top boxes must be disconnected from the mains power supply.

It is also important that each set-top box in a SatCR installation has a unique number, to avoid conflicting with other installed set-top boxes. Therefore, if you selected 'SatCR LNB', you must now choose a suitable Receiver Number (1 to 4).

Press **◀** or **▶** to display the number you want, then press **OK**.

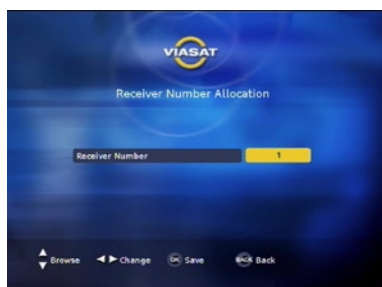
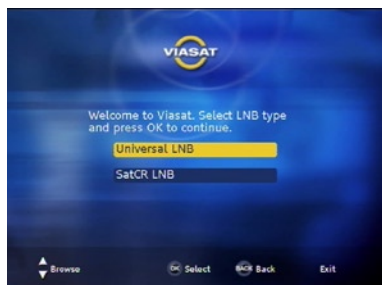
You must now select the installation mode.

If you have:

- ◆ one LNB only, directed at *Sirius*, or
 - ◆ two LNBs only, directed at *Thor* and *Sirius*,
- you can carry out an 'Automatic' installation.

If you have any other LNB set-up, you must carry out a 'Manual' installation.

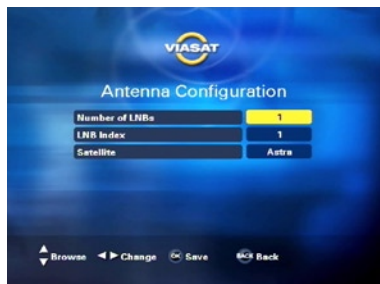
3. Use **◀** or **▶** to highlight the correct installation mode, then press **OK**.
 - ◆ If you selected 'Automatic', next see the section: 'Checking the signal and searching for channels' on page 14.
 - ◆ If you selected 'Manual', next see the section 'Setting the antenna configuration and choosing a satellite' on page 14.



Setting the antenna configuration and choosing a satellite

When you select 'Manual', the Antenna Configuration screen appears.

1. Press ◀ or ▶ to select the number of LNBs you have in your set-up.
2. Press ▼ to highlight the 'LNB Index' line, then press ◀ or ▶ to select LNB Index 1.
3. Press ▼ to highlight the 'Satellite' line, then:
 - ◆ If you are using a single fixed LNB, press ◀ or ▶ to select the satellite that your LNB is set-up for. Then press **OK** and continue to the section 'Checking the signal and searching for channels'.
 - ◆ If you are using a DiSEqC™ unit*, select the satellite for the LNB connected to port 1.
4. Press ▲ to highlight the 'LNB Index' line, then press ▶ to select LNB Index 2.
5. Repeat steps 3 to 4 to select an LNB Index for each of the ports on your DiSEqC™ unit. Then press **OK** and continue to the section 'Checking the signal and searching for channels'.



Checking the signal and searching for channels

The Signal quality screen is now displayed. You use this screen to confirm that your set-top box is receiving a satellite signal.

The details on the screen show the name of the satellite, together with bars showing the strength and quality of the signal being received from this satellite.

Your set-top box must receive both a signal strength and a signal quality of about 60% in order to successfully find channels.

Follow the instructions for 'Automatic set-up' or 'Manual set-up' on page 15, depending on which set-up you have chosen.



*DiSEqC™ is a trademark of Eutelsat.

Automatic set-up

Your set-top box is preset in the factory with the correct LNB settings to receive signals from up to **two** satellites.

1. Press ◀ or ▶ to change which LNB index details are displayed.
2. Check that your set-top box is receiving an adequate signal according to the table below.

If you have....

Check for adequate signal strength and quality on...

A single, fixed, universal LNB	Index 2, Sirius
Two, fixed, universal LNBs	Index 2, Sirius and Index 1, Thor

If there is no signal, check your installation. Check all the connections are properly made. See also the section 'Solving problems' on page 34.

3. When you are satisfied that there is an adequate signal, press **OK**.

The Viasat Automatic Scan screen appears.

4. To start the channel search, press **OK**.

A progress screen displays to confirm that the search is taking place.

When the search is complete, a screen displays to tell you the number of TV and radio channels that your set-top box has found.

5. To confirm these channels and display the next screen, press **OK**. Then see 'Activating your subscription' on page 16.

Manual set-up

1. Press ◀ or ▶ to change which LNB index details are displayed.
2. Check that your set-top box is receiving an adequate signal on the satellites that you selected for each LNB index.

If there is no signal, check your installation. Check all the connections are properly made. See also the section 'Solving problems' on page 34.

3. When you are satisfied that there is an adequate signal, press **OK**. The Manual Scan screen appears.

The 'Satellite' line shows the satellite you selected as LNB index 1, and the details below show the search settings for that satellite.

If you have more than one LNB, you can view the details for each satellite by highlighting the 'Satellite' line then pressing ◀ or ▶.



You should not need to change the settings, as your set-top box is preset with the correct settings to receive the best channel line-up. If you use the preset settings, you can still search other frequencies at a later date (see page 31).

4. If you do not want to change any search settings, go straight to step 8.
5. If you want to change the search settings, first highlight the 'Satellite' line, then press ◀ or ▶ to select a satellite.
6. Press ▲ or ▼ to highlight each item you want to change, then use the number buttons or ◀ and ▶ to enter the values you want.
7. Repeat steps 5 and 6 to change the details for each satellite.
8. Press **OK** to confirm the details and start the search.

A progress screen displays to confirm that the search is taking place.

When the search is complete, a screen displays to tell you the number of TV and radio channels that your set-top box has found.

9. To confirm these channels and display the next screen, press **OK**. Then see 'Activating your subscription' below.

❖ Activating your subscription

Note

If you have not yet inserted your smart card, insert it the correct way round now (see page 10). If you do not have a smart card, but you wish to view premium services, contact Viasat to obtain a smart card.

Once your set-top box has found the satellite channels, the Subscription Activation screen appears.

1. To activate your subscription, follow the instructions that are given on the screen.
2. When the subscription activation is complete, press **OK**.

❖ Switching on and off

Whenever you are not using your set-top box you should put it into standby. You should not unplug it at the mains socket.

- ◆ To put your set-top box into standby, press ⏻.
- ◆ To take your set-top box out of standby, press ⏻.

❖ What is the Surfer?

The Surfer is an on-screen guide that helps you get the most out of digital satellite TV. You use it to:

- ◆ change channel;
- ◆ find out what is showing on other channels, both now and later on;
- ◆ find out more about a programme you are interested in;
- ◆ change the audio or subtitle language;
- ◆ use interactive features.

❖ Changing channel

You can change channel by using:

- ◆ the number buttons;
- ◆ the **ch +** and **-** buttons; or
- ◆ one of the on-screen methods described in the following sections.

❖ Unlocking a locked channel

If you have used Parental Control to set an Age lock level (see page 24), then programmes broadcast with a rating above the level you have set, will be locked.

If you want to watch a locked programme, you will need to enter your PIN code (see page 24).

If the following message appears when you change channel:

Please enter PIN code to unlock channel

1. Use the number buttons to enter the correct PIN code.
2. If you make a mistake, press ◀ to delete a number.
3. When you have entered the correct number, press **OK**.

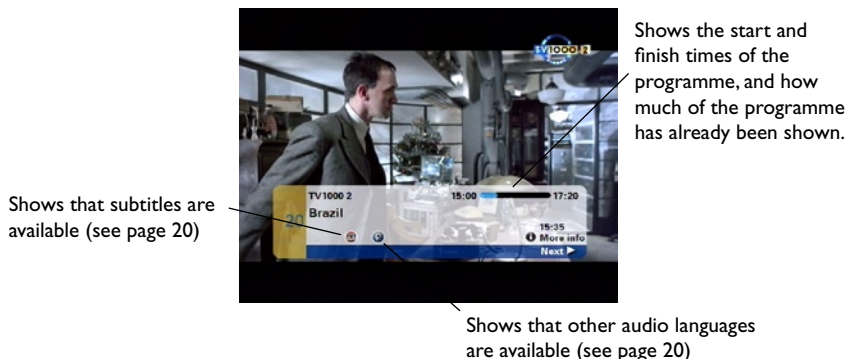
If the PIN code is correct, the programme you want to watch displays.

If the PIN code is not correct, you will see a message to tell you. You can either try again, or change channel to a channel that is not locked.

❖ Displaying the channel banner

You can display a banner to show information about the current channel, and the programmes showing on it 'now' and 'next'.

- ◆ To display the banner, press **info**.



- ◆ To display information about the programme on next, press ►.
- ◆ To redisplay information about the programme on now, press ◀.
- ◆ To display extra programme information (see below), press **info** again.
- ◆ To remove the banner, press **back**.

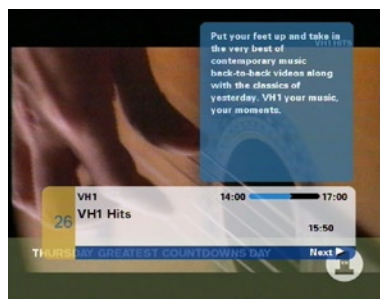
Note

This banner also displays briefly when you change channel. It automatically disappears after a few moments.

❖ Displaying extra programme information

While the channel banner is displayed, you can display extra information about the programme listed in the banner.

- ◆ While the channel banner is displayed, to display extra programme information, press **info**.
- ◆ You can press ◀ and ► to change between information about the programme on *now*, and information about the programme on *next*.
- ◆ If the extra programme information spreads over more than one page, you can press the **blue colour** button to switch between the pages.
- ◆ To remove the extra programme information, press **back**.



❖ Using the TV and radio channel lists

You can use the TV and radio channel lists to find out what is showing on all channels.

- ◆ To display the channel list, press the **yellow** button.

The list of channels displays. The current channel is highlighted by the channel banner (see page 18).

- ◆ To change which channel is highlighted by the channel banner, press **▲** or **▼**. (The banner stays in the same place but the list moves.)
- ◆ To move up or down the list of channels a whole screen at a time, press **ch +** or **ch -**.
- ◆ To highlight a particular channel number, enter the channel number.
- ◆ To find out more about the programmes showing on the highlighted channel, use the channel banner (see page 18).
- ◆ To switch between the TV channel list and the Radio channel list, press the **tv/radio** button.
- ◆ To change channel to the highlighted channel, press **OK**.
- ◆ To remove the channel list without changing channel, press **exit**.



❖ Using Favourite channel lists

If you have set up one or more Favourite channel lists (see page 26), you can find out what is showing on only your Favourite channels.

- ◆ To display the first available Favourite channel list, press the **green** button.

The first (or last viewed) list of Favourite channels displays. The current (or lowest numbered) Favourite channel is highlighted by the channel banner (see page 18).

You can have up to 6 Favourite channel lists, named *Favourite List 1* to *Favourite List 6*.

- ◆ To display the next available Favourite channel list, if one exists, press the **green** button again.

You use your Favourite channel list(s) to highlight channels and change channel in the same way as in the full channel list (see above).

You can also find out more about the programmes showing on the highlighted channel, by using the channel banner (see page 18).

- ◆ To remove a Favourite channel list without changing channel, press **exit**.



❖ Changing the audio language

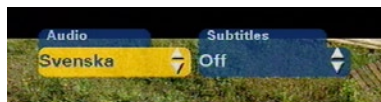
You can change the language of programmes which are broadcast with more than one audio soundtrack.

To change the audio language:

1. Press **options**.

The language options banner appears.

2. If the audio track button is not highlighted, press ◀ to highlight it.
3. Press ▲ or ▼ to look through the available languages, until the language you want is displayed.
4. Press **OK**, or, to remove the banner without making any changes, press **back**.



❖ Changing the subtitle language

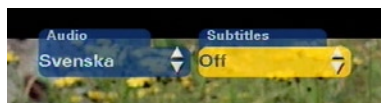
You can change the subtitle language for programmes which are broadcast with subtitles in more than one language.

To change the subtitle language:

1. Press **options**.

The language options banner appears.

2. If the Subtitles button is not highlighted, press ▶ to highlight it.
3. Press ▲ or ▼ to look through the available languages, until the language you want is displayed. If you do not want subtitles to be displayed, select 'Off'.
4. Press **OK**, or, to remove the banner without making any changes, press **back**.



❖ Interactive features

Some channels or programmes may include interactive features. When these features are available, you will either see information about these on your TV screen, or you will be informed by your interactive features service provider.

❖ Recording a digital satellite programme

If you have a VCR you can use it to record satellite programmes from your set-top box.

To record a satellite programme:

1. Make sure your set-top box is switched on and tuned to the channel you wish to record.
2. Set your VCR to record at the appropriate time, making sure that your VCR is set to record its 'channel for digital satellite TV', or if your set-top box is connected to your VCR via a SCART lead, making sure your VCR is set to record its appropriate AV channel.

For further information about your VCR, refer to your VCR's User Guide.

Notes

Your VCR must be correctly connected to your set-top box. For further information, see page 8.

Some programmes are copy-protected and may not play back correctly if you record them.

While you are setting the recording up, you may wish to make sure your TV is switched to its 'VCR channel' or the AV channel that you use when you are watching videos, so you can check that the VCR is showing what you want to record.

Watching other channels while you are recording a digital satellite programme

If your equipment is connected using RF leads, as in connection method 1, you can watch any *terrestrial* channel while you record digital satellite TV, by changing channel with your TV's remote control.


You can also watch any *digital* channel while you record a *terrestrial* channel.

However, you cannot watch one *digital* channel while you record a different *digital* channel. If you use your set-top box's remote control to change channel while you are recording, your VCR will record the channel change.

❖ Switching between digital satellite TV and terrestrial TV

If your TV automatically shows digital satellite TV whenever your set-top box is switched on, you can use your remote control to switch between digital satellite TV and terrestrial TV.

This is also useful if you are using your VCR, for example to record a digital channel, but you want to watch a terrestrial channel.

- ◆ To switch between digital satellite TV and terrestrial TV, press the **red colour** button on your remote control. (Please *do not* press the  button - this will switch your set-top box off.)

Note

In order for this feature to work, your digital set-top box must be connected to your TV via a SCART lead, and your TV must also be receiving the terrestrial channels from your TV aerial. For information about connecting up, see pages 8 and 9.

Some TVs may not allow you to use this feature.

❖ Error messages

If there is a temporary problem with a channel you are watching, you may see an error message on your TV screen. If this happens, you can still change channel, in the usual way, to a channel that is not experiencing problems.

❖ Displaying the Main Menu

You need to display the Main Menu in order to use the Setup menus.

You can also use the Main Menu to display the TV and Radio channel lists (see page 19).

To display the Main Menu:

1. Press **menu**.
2. Press **▼** or **▲** to highlight the item you want, then press **OK**.
3. To remove the Main Menu, press **exit**.

❖ Using the Setup menus

You use the Setup menus to:

- ◆ control who can watch or purchase certain programmes;
- ◆ change the language settings;
- ◆ change the TV settings;
- ◆ set-up favourite channel lists;
- ◆ change the signal settings and search for new channels;
- ◆ view information about your set-top box;
- ◆ reset your set-top box to its factory-preset settings.

To display the Setup menu:

1. Press **menu**, then press **▼** to highlight 'Setup', then press **OK**.
 2. Press **▼** or **▲** to highlight the item you want, then press **OK**.
- ◆ While you are using any of the setup menus, you can press **back** to cancel any changes and return to the previous menu.
 - ◆ To cancel changes and redisplay digital satellite TV, you can press **exit**.
 - ◆ To save changes, you press **OK**.



❖ Using the Control Settings menu

You use the Control Settings menus to:

- ◆ set an age lock level to control who can watch certain digital satellite programmes;
- ◆ set a purchase threshold to control how much other people are allowed to spend on purchase TV;
- ◆ change the PIN code;
- ◆ view your entitlements.

When you use the Control Settings menu, you need to enter your PIN code.

Note

If you do not have a smart card inserted in your set-top box, you cannot use the Control Settings menu.

About your PIN code

When you first use your set-top box, your PIN code is **0000**.

In order to make your PIN code secret, you should change it to a secret number that you find easy to remember (see below).

To display the Control Settings menu:

1. On the Setup menu, highlight 'Control Settings', then press **OK**.
You will see a message asking you to enter your PIN code.
2. Enter the correct PIN code then press **OK**.
3. When you have finished using the Control Settings menu, press **back** to redisplay the Setup menu.

Changing your PIN code

You can change the PIN code to a secret number which you find easy to remember. Please make sure you do not forget your PIN code.

To change the PIN code:

1. On the Control Settings menu, highlight 'PIN code modification' then press **OK**.
'New PIN code' is highlighted.
2. Use the number buttons to enter a new 4-digit PIN code of your choice. If you make a mistake, you can press ◀ to delete a digit.
3. Press ▼.
'Repeat new PIN code' is now highlighted.
4. Enter your new 4-digit PIN code again.
5. If you change your mind and do not wish to change the PIN code, press **back** to cancel your changes.

If you want to save the new PIN code, press **OK**.

Setting the age lock level

The age lock level lets you set an age limit, so that people who do not know the PIN code (for example young children) cannot watch programmes that have an age category rating that is older than the age lock level you have set.

For example, if you set this to '11+', then programmes rated for viewers older than 11 will be locked, and you will need to enter your PIN code to watch them. Age lock only works if the broadcaster provides rating category information.

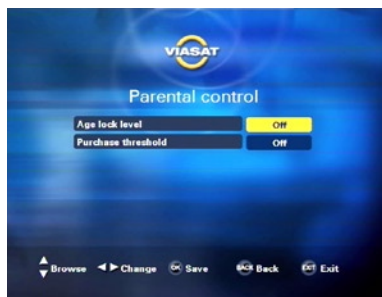
If you do not want to set an age lock level, you can set this to 'Off'.

To set the age lock level:

1. On the Control Settings menu, highlight 'Parental Control' then press **OK**.

'Age lock level' is highlighted.

2. Press ◀ or ▶ to choose the level you want.
3. If you now want to set a purchase threshold, press ▼. Or, if you want to save the change to the age lock level, and redisplay the Control Settings menu, press **OK**. Or, to remove the menu without making any changes, press **back**.



Setting the purchase threshold

The purchase threshold lets you specify how much a programme can cost before your PIN code is required to purchase it. For example if you set the limit at 5€, you can purchase a programme which costs 5€ or less, without entering your PIN code, but to purchase a programme costing 5.01€ or more, you would need to enter your PIN code.

To set the purchase threshold:

1. On the Control Settings menu, highlight 'Parental Control' then press **OK**.
2. Press ▼ to highlight 'Purchase threshold'.
3. Press ◀ or ▶ to choose 'On' or 'Off'.

If you selected 'On', you must enter a purchase threshold value.

4. Press ▼ to highlight 'Threshold value (KR)', then, if necessary, press ◀ to delete the value that was previously there. Use the number buttons to enter the amount you want to be the new purchase threshold.
5. To save all the changes on the Parental Control menu, press **OK**. Or, to remove the menu without saving any changes, press **back**.



Viewing entitlements

You will only need to view entitlements if you are asked to do so by customer support.

To view entitlements:

1. On the Control Settings menu, highlight 'Entitlements' then press **OK**.
2. Press **back** to redisplay the Control Settings menu, or press **exit** to redisplay digital satellite TV.

❖ Changing the language settings

You use the User Settings menu to change the following language settings:

- ◆ Menu/banner language - the language used in all the menus and on-screen displays;
- ◆ Audio default language - your first choice of language for programmes which are broadcast with more than one audio soundtrack;
- ◆ Subtitle default language - your first choice of language for subtitles, when programmes are broadcast with subtitles in more than one language.

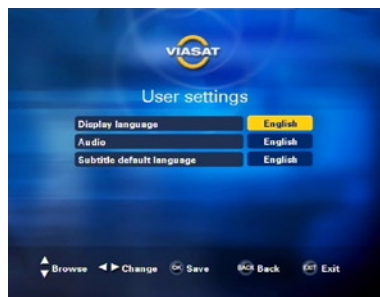
Once you have made these settings, you can still temporarily change the audio and/or subtitle languages quickly and easily while you are watching a programme (see page 20).

To change the language settings:

1. On the Setup menu, highlight 'User Settings', then press **OK**.

The User Settings menu appears.

2. Press **▲** or **▼** to highlight the setting you want to change.
3. Press **◀** or **▶** to change the setting.
4. When you have made all the changes you want to make, press **OK**. Or, to remove the menu without saving any changes, press **back**.



❖ Setting up Favourite channel lists

You use the Favourite channels menus to create and edit lists of the channels you like to watch regularly. You can have up to 6 Favourite channel lists, named *Favourite List 1* to *Favourite List 6*.

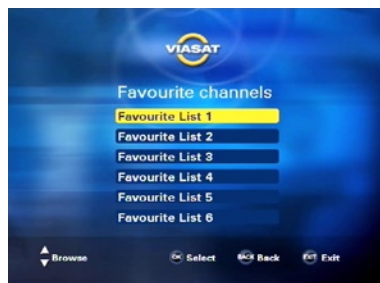
When you have created one or more Favourites lists, you can view each list in turn, find out more about what programmes are showing, and choose a Favourite channel to watch. For full details, see page 19.

To view the setup screens for Favourite Lists:

1. On the Setup menu, highlight 'Set-up favourite channels', then press **OK**.

The Favourite channels menu appears:

2. Press **▲** or **▼** to highlight the list you want to edit, then press **OK**.



The set-up screen for your chosen Favourite List appears:

On the left hand side is the full list of available channels; on the right hand side are the channels that are currently included in this Favourite List.

To edit a Favourite List:

1. Press **▲** or **▼** to highlight a channel in the full channel list.
2. To add a new channel to the Favourite List, highlight it then press the **red** button. The channel is added to the list on the right, and a red symbol appears next to the channel name in the full channel list.



Note

Each of your Favourite Lists can contain up to 99 channels.

3. To remove an existing Favourite channel from the list, highlight it then press the **red** button. The channel is removed from the list on the right, and the associated red symbol disappears from the full channel list.
4. To save your changes and return to the Favourite channels menu, press **OK**.
5. If you want to return to the Favourite channels menu without saving any changes, press **back**.
6. When you have finished using the Favourite channels menu, press **back** to redisplay the Setup menu.

❖ Changing the TV settings

You use the TV Settings menu to change the following settings, to control how your set-top box works with your other equipment:

- ◆ TV screen format;
- ◆ Video signal type;
- ◆ RF out channel;
- ◆ Audio compression type.

To change the TV settings:

1. On the Setup menu, highlight 'TV Settings', then press **OK**.

The TV Settings menu appears.

2. Press **▲** or **▼** to highlight the setting you want to change (for more information on the settings, see page 28).



3. Press ◀ or ▶ to change the setting. To change the 'RF out channel', press ◀ to delete the number that is there, then use the number buttons to enter the RF channel number you want.
4. When you have made all the changes you want to make, press **OK**. Or, to remove the menu without saving any changes, press **back**.

TV screen format

This is the type of TV you have connected to your set-top box, and how widescreen broadcast programmes display. Make your choice according to the following table:

<i>Format</i>	<i>Type of TV</i>	<i>How do widescreen broadcasts display?</i>
4:3	Standard (4:3)	The centre portion only of any widescreen transmissions will display
4:3 Letterbox	Standard (4:3)	The whole of any widescreen transmissions will display, but the picture does not fill the screen
16:9	Widescreen (16:9)	Full screen

Video signal type

This is the type of signal which is most compatible with your TV. If you have connected your set-top box to your TV via a SCART lead, choose RGB for a better quality picture (or, if your TV is S-video compatible, choose YC).

RF out channel

The RF output channel for your set-top box.

The factory preset RF output channel is channel 38. If channel 38 is not compatible with your TV or VCR, for example if it is already being used as your VCR's output channel, or for a terrestrial channel, you may find you cannot tune your equipment to your set-top box because of interference.

You can therefore use this setting to enter a different number. You may find this easier if you disconnect your external antenna and/or your VCR from your system while you make the changes, but if you do so, make sure you follow all the safety advice on pages 6 to 11. You will then need to tune any equipment that is connected to your set-top box via an RF lead to this new channel number - see the section on RF tuning on page 12.

RF channels may also be known as *UHF* channels.

For further advice, please call customer support.

Audio compression type

If your set-top box has a digital-optical audio connector, choose 'AC3' if you want your set-top box to automatically output Dolby Digital audio (if available) via this connector. Otherwise, choose 'MPEG'.

❖ Using the Signal Settings menu

You use the Signal Settings menus to:

- ◆ select the antenna and LNB configuration that you have connected to your set-top box;
- ◆ select a Receiver Number, if the set-top box is used in a Satellite Channel Router (SatCR) installation;

Note: It is important that, while you are configuring a set-top box for a SatCR installation, any other installed set-top boxes must be disconnected from the mains power supply.

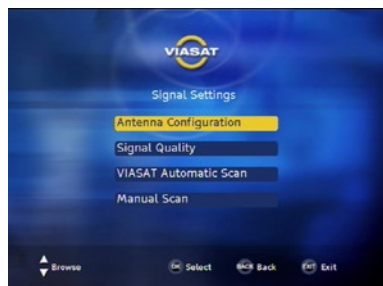
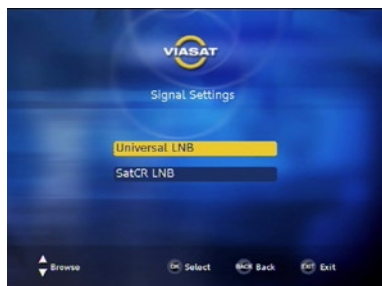
- ◆ check that your set-top box is receiving satellite signals, and check the strength and quality of the signal;
- ◆ carry out a search for new channels.

To display the Signal Settings menu:

1. On the Setup menu, highlight 'Signal Settings', then press **OK**.
2. If the set-top box you are configuring is used in a SatCR installation, highlight 'SatCR LNB' and press **OK**. The settings menu (bottom right) appears.

Otherwise, highlight 'Universal LNB' and press **OK**. The settings menu (bottom left) appears.

3. Press **▼** or **▲** to highlight the item you want, and press **OK**. Then see the relevant section on the following pages.
4. When you have finished using the Signal Settings menu, press **back** to redisplay the Setup menu.



Changing the antenna configuration

This is the number of LNBs available in your dish installation.

If you change your satellite dish installation, you may need to change this setting so that your set-top box can tune to all the satellites available.

To change the Antenna Configuration:

1. On the settings menu, highlight 'Antenna Configuration', then press **OK**.

The Antenna Configuration menu displays.



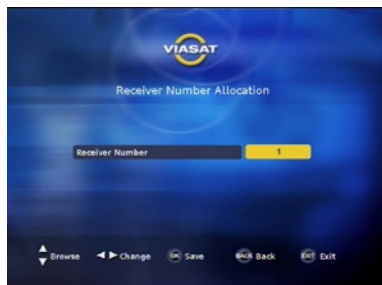
2. Highlight 'Number of LNBs', then press **◀** or **▶** to select the number of LNBs you have in your set-up.
3. Highlight 'LNB index', then press **◀** or **▶** to select the LNB index you want to change. If you are using a single fixed LNB, this will be LNB index 1.
4. Highlight 'Satellite' then select the satellite that you want that LNB to direct towards.
 - ◆ If you are using a single fixed LNB, press **◀** or **▶** to select the satellite that your LNB is set-up for. Then go to step 6.
 - ◆ If you are using a DiSEqC™ unit*, select the correct satellite for the LNB connected to each port. LNB Index 1 is associated with port 1, and so on.
5. Repeat steps 3 and 4 to select an LNB index for each of the ports on your DiSEqC™ unit.
6. To save the changes, press **OK**.
7. If you have changed your antenna configuration, you must then check the signal quality and search for the new channels (see page 31).

Changing the Receiver Number (for SatCR installations)

This is the number (1 to 4) that will be allocated to your set-top box. It is important that each set-top box in a SatCR installation has a unique number, to avoid conflicting with other installed set-top boxes.

To change the Receiver Number:

1. On the SatCR LNB menu, highlight 'Receiver Number Allocation', then press **OK**.
2. Press **◀** or **▶** to select the Receiver Number you want.
3. To save the changes, press **OK**.



*DiSEqC™ is a trademark of Eutelsat.

Checking the signal quality

You use this screen to confirm that your set-top box is receiving a satellite signal on all the LNBs/LNB positions available to it.

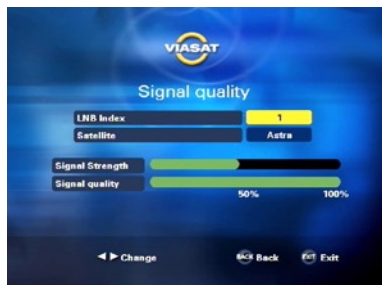
To check the signal:

1. On the settings menu, highlight 'Signal Quality', then press **OK**.

The Signal quality screen displays.

The details on the screen show the name of the satellite, together with bars showing the strength and quality of the signal being received from this satellite.

Your set-top box must receive both a signal strength and a signal quality of about 60% in order to successfully find channels. That is, the signal strength and signal quality bars should both be about two thirds full.



2. Press ◀ or ▶ to change which LNB index details are displayed.
3. Check that your set-top box is receiving an adequate signal on each LNB index that is being used.

For example, if you have a single LNB, this will be LNB index 1, but if you are using a DiSEqC™ unit* to connect to more than one LNB, then each LNB index is associated with the port of the same number on your DiSEqC™ unit.

4. When you are satisfied that there is an adequate signal, press **back** to redisplay the settings menu.

Searching for channels

Once you have confirmed the satellite signal strength, if you have changed your Antenna Configuration, you need to search for channels.

To automatically search for Viasat channels:

1. On the settings menu, highlight 'VIASAT Automatic Scan', then press **OK**.

The VIASAT Automatic Scan screen appears.

2. To start the automatic channel search, press **OK**.

A progress screen displays to confirm that the search is taking place.

When the search is complete, a screen displays to tell you the number of TV and radio channels that your set-top box has found.

3. To confirm these channels and redisplay the settings menu, press **OK**.

*DiSEqC™ is a trademark of Eutelsat.

To manually search for channels:

1. On the settings menu, highlight 'Manual Scan', then press **OK**.

The Manual Scan screen appears.

2. Highlight the 'Satellite' line, then press ◀ or ▶ to select the satellite that you want to search.
3. Press ▲ or ▼ to highlight each item you want to change, then use the number buttons or ◀ and ▶ to enter the values you want.
4. Repeat steps 2 and 3 to change the details for other satellites, if required.
5. To start the search, press **OK**.



A progress screen displays to confirm that the search is taking place.

When the search is complete, a screen displays to tell you the number of TV and radio channels that your set-top box has found.

6. To confirm these channels and redisplay the settings menu, press **OK**.

To automatically search for all free-to-air channels:

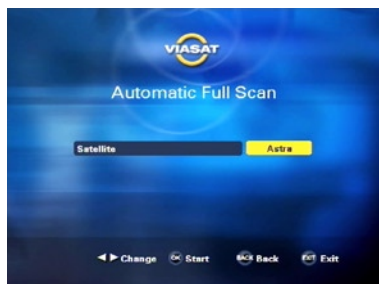
1. On the settings menu, highlight 'Automatic Full Scan', then press **OK**.

The Automatic Full Scan screen appears.

2. Press ◀ or ▶ to select the satellite that you want to search.
3. To start the search, press **OK**.

A progress screen displays to confirm that the search is taking place.

When the search is complete, a screen displays to tell you the number of TV and radio channels that your set-top box has found.



4. To confirm these channels and redisplay the settings menu, press **OK**.

❖ Viewing set-top box information

You can view technical information about your set-top box.

To display the information:

1. On the Setup menu, highlight 'Decoder information', then press **OK**.
2. To redisplay the Setup menu, press **back**.

❖ Restoring the factory settings

If you wish, you can restore all your set-top box's factory-preset settings.

Note

If you restore your set-top box's factory settings, you will need to redo the country selection and search for channels - see page 13.


The items that are restored, and what they will be restored to, are shown below.

<i>Setting</i>	<i>Factory setting</i>
Menu/banner language	English
Audio language	English
Subtitle language	English
Volume level	MAX
TV screen format	4:3
Video signal type	RGB
RF out channel	38
Audio compression type	MPEG

To restore the factory settings:

1. On the Setup menu, highlight 'Restore factory settings', then press **OK**.
2. A message displays asking you to confirm you want to restore the factory settings. If you are sure you want to do this, press **OK**. If you do not want to restore the factory settings, press **back**.
3. Press **OK**. The Countries screen appears (see page 12).
4. Select the country and search for channels as described on pages 13 and 14.

** Before you check connections between your equipment, make sure you disconnect all your equipment from the mains supply. When you have finished checking and making connections, safely reconnect all the equipment to the mains supply (see page 11).*

Problem	Possible cause	Suggested solution
Your set-top box doesn't seem to be working, and there are no lights on the front panel.	Your set-top box is not receiving power.	Make sure that the mains lead is properly plugged in and that the mains supply is switched on. Check that the mains wall socket has power (try plugging in a lamp).
Your set-top box doesn't seem to be working, and the front-panel standby light is red.	Your set-top box is switched off.	Press standby on the front panel, or  on your remote control.
Your set-top box doesn't seem to be working, and the front-panel standby light is green.	Your set-top box is not correctly connected to your other equipment, or your other equipment is not correctly set up.	Check that all the connections are properly made.* Check that your TV is plugged into the mains and that it is switched on.
	Your TV is not switched to show digital satellite channels.	If your set-top box is connected to your TV via a SCART lead, try selecting the appropriate AV channel on your TV. If your set-top box is connected to your TV via an RF lead only, try selecting the appropriate 'channel for digital satellite TV'. If you do not have a 'channel for digital satellite TV', you need to perform RF tuning (see page 12).
Your set-top box doesn't seem to be working, and the front-panel standby light is orange.	There is a problem with the satellite signal.	Check that the lead from your satellite dish is correctly connected to your set-top box.* Check that your satellite dish and LNB(s) are correctly set up and directed towards the correct satellite(s) (see page 7). Check that nothing is blocking your satellite dish, for example a tree or high building. There may be a temporary problem with the reception, caused, for example, by bad weather; try again later. If adverse weather conditions cause your dish and/or LNB(s) to move, you may need to re-adjust them (see the information supplied with this equipment).


Problem	Possible cause	Suggested solution
You can see on-screen interference.	Your TV or VCR is not correctly tuned.	Check that your TV and video recorder are correctly tuned to your set-top box. For further information, refer to your TV and VCR instruction books. In some cases your set-top box may need RF tuning. See page 28 or call customer support for further advice.
Your remote control isn't working.	Something is between the remote control and your set-top box.	Make sure you point your remote control directly at your set-top box and that nothing is between it and your set-top box. The ir receive light on your set-top box's front panel should flash each time you press a remote control button.
	The batteries are flat or inserted the wrong way round.	Check the batteries and replace them if necessary.
You've forgotten your PIN.		Call customer support for advice.
The menus and banners are in a language you don't understand.	The menu language has been changed to a language you don't understand.	You can change the menu language as follows: 1. From a digital satellite channel, press menu . 2. Press ▼ twice, to highlight the last item on the menu, then press OK . 3. Press ▲ 6 times, then press OK . The User Settings menu displays. The first, highlighted item is the menu language item. 4. Press ► until your preferred language displays. 5. Press OK . The menus should now be in your preferred language. 6. Press exit to redisplay digital satellite TV.
You have received a new smart card but you don't know how to activate it.		Make sure your set-top box is tuned to a subscription channel. (You will not yet see the picture.) Follow the instructions on 'Inserting your smart card' on page 10. The Subscription Activation screen should appear - see the instructions on page 14.

Due to continued product improvement, this specification may change without notice.

General

Operating voltage:	230V AC \pm 15%; 50 Hz
Power consumption:	15W (max.)
Weight:	1.35 kg
Dimensions (W x H x D):	275 mm x 41 mm x 175 mm
UHF modulator:	CCIR PAL System B/G and I; Ch 21 to 69 (factory setting is 38)
Operating temperature range:	0 °C to +40 °C
Storage temperature range:	-20 °C to +60 °C

Rear panel connectors

AC 230V \sim 50Hz:	IEC 320 2-pin reversible
 :	RJ11
TV SCART:	SCART (composite video out; RGB out; S-video out)
VCR SCART:	SCART (composite video in/out; RGB in)
ANT IN:	IEC 129-2 female
TO TV INC. MODULATOR:	IEC 169-2 male
SAT IN:	IEC 169-24 F-type female
S/PDIF:	Digital-optical audio output
AUDIO L + R:	Phono sockets



Trademark of the DVB Digital Video Broadcasting Project (1991 to 1996).




This product complies with the following European Council Directives:

- 73/23/EEC (the Low Voltage Directive) as amended;
- 89/336/EEC (the EMC Directive) as amended;
- 1999/5/EC (the R&TTE Directive) as amended.

❖ Copyright notices

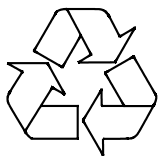
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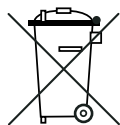
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