



Digital Satellite Receiver SRT 6780

User manual

Bruksanvisning

Bruksanvisning

Betjeningsvejledning

Käyttöohje

Summary

Precautions	2
Welcome to digital satellite TV!	3
Your remote control	4
Inserting the batteries	4
Remote control buttons: quick reference	5
Your set-up box	6
Front panel	6
Rear panel connectors overview	6
Installation	7
Before you begin	7
What else do I need?	8
Connecting to other equipment	9
Connection method 1: To TV and VCR	9
Connection method 2: To TV only	10
Connecting to the telephone line	10
Inserting your smart card	11
Connecting to the mains supply	11
Switching on for the first time	12
Checking the installation screens	13
Choosing your language	13
Time menu	13
Antenna configuration menu	14
Checking the signal	15
Channels Search menu	16
Searching for channels	17
Day to day use	18
Decoder switch ON / Standby	18
Volume setting	18
TV channels access	18
Radio channels access	18
TV Banner / Extended Information	19
TV Miniguide	21
TV Channel list	22
Program Guide	22
Extra information	23
Recording a digital satellite programme	23
Teletext access	23
Other settings	24
Displaying the Main Menu	24
Channels	24
Program Guide	24
Conditional Access	25
Preferences	26
Configuration	29
TV/VCR Configuration	31
Information	33
Solving problems	34
Specification	35

Precautions


Never open your set yourself. It could be dangerous and you risk electric shock or damaging the set. The opening of the box is protected by a warranty sticker on the rear panel. Any noticed damage will invalidate the warranty conditions of your equipment.

Installation - Ensure that the voltage from the mains in your room complies with that indicated on the back of your set (identification label, screen marking, etc.). Do not connect an AC or DC power supply other than that from the mains. Ensure that the electric plug is fully connected into the wall socket. Leave the mains socket accessible so that you can unplug the set quickly. Place the set horizontally, away from any source of heat (sunlight, radiator, fireplace, etc.) or from equipment which produces high magnetic or electrical fields (motors, non-insulated loud speakers, etc.). If you install your set in a cabinet, ensure that it has enough ventilation. Leave 7 to 10 cm around the set, as shown in the enclosed drawing. The openings on top and underneath the set are for ventilation purposes. They must not be obstructed.

Use - The set is designed for use in a dry place. If, under exceptional circumstances, you happen to use it outdoors, (e.g. on a balcony or in a tent), make absolutely certain that it is protected from humidity (dew, rain, splashes) and from heat. If the set has spent some time in a cold atmosphere, (after transport during winter), wait until the condensation has evaporated from the metal parts before connecting it. The set is intended to operate at an ambient temperature of less than 40° Celsius and a maximum humidity level of 95%. It must not, under any circumstances, be used for industrial purposes, as it was designed for domestic use only.

In case of a storm - It is recommended that you unplug the set from the mains and from the socket connected to the outside aerial. As a general rule, it is preferable to unplug the set from the mains if you are away for a prolonged period. If you smell any suspicious odours or see smoke coming from the set, unplug the set immediately and have it checked by an approved technician.

Maintenance - Use a dry, clean, soft cloth with no cleaning, solvent or abrasive products, etc. The openings on top of and underneath the set are for ventilation purposes and must not be obstructed. Clean the ventilation grilles regularly. If an object or liquid gets into the set, unplug the set immediately and have it checked by an approved technician.

 This symbol on your set guarantees that your product complies with the European directives 73/23/EEC and 89/336/EEC on safety and electromagnetic compatibility.

 This symbol indicates "Dangerous voltage" in the set. It represents the risk of electric shock or bodily injury.

Note:



This product is designed and manufactured with high quality materials and components which can be recycled and reused.

This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.

Please, dispose of this equipment at your local community waste collection/recycling centre.

In the European Union there are separate collection systems for used electrical and electronic product.

Please, help us to conserve the environment we live in!

Welcome to digital satellite TV!

Thank you for choosing the STRONG set-top box. Please follow the instructions in this User Guide carefully to enjoy all the advantages of digital satellite TV. We advise following the user instructions and recommendations supplied with your set-top box, especially for first-time use.

Your set-top box fully complies with international DVB (Digital Video Broadcasting) standards.

Updates to your set-top box

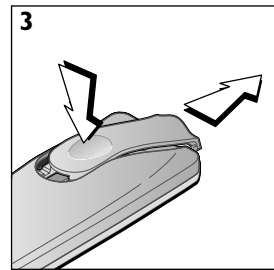
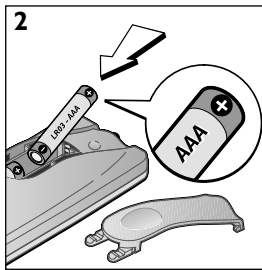
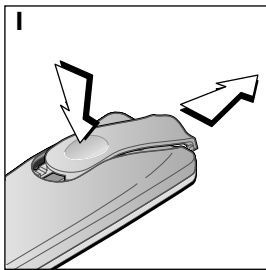
From time to time, your set-top box may be updated. These updates provide enhanced features; new screens and menus may become available. Although any new screens and menus may look a little different from those described in this User Guide, you should be able to use the same techniques (e.g. highlight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

Your remote control

Inserting the batteries

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

1. Remove the cover.
2. Insert the batteries according to this drawing. Observe the polarity (+/-).
3. Replace the cover.

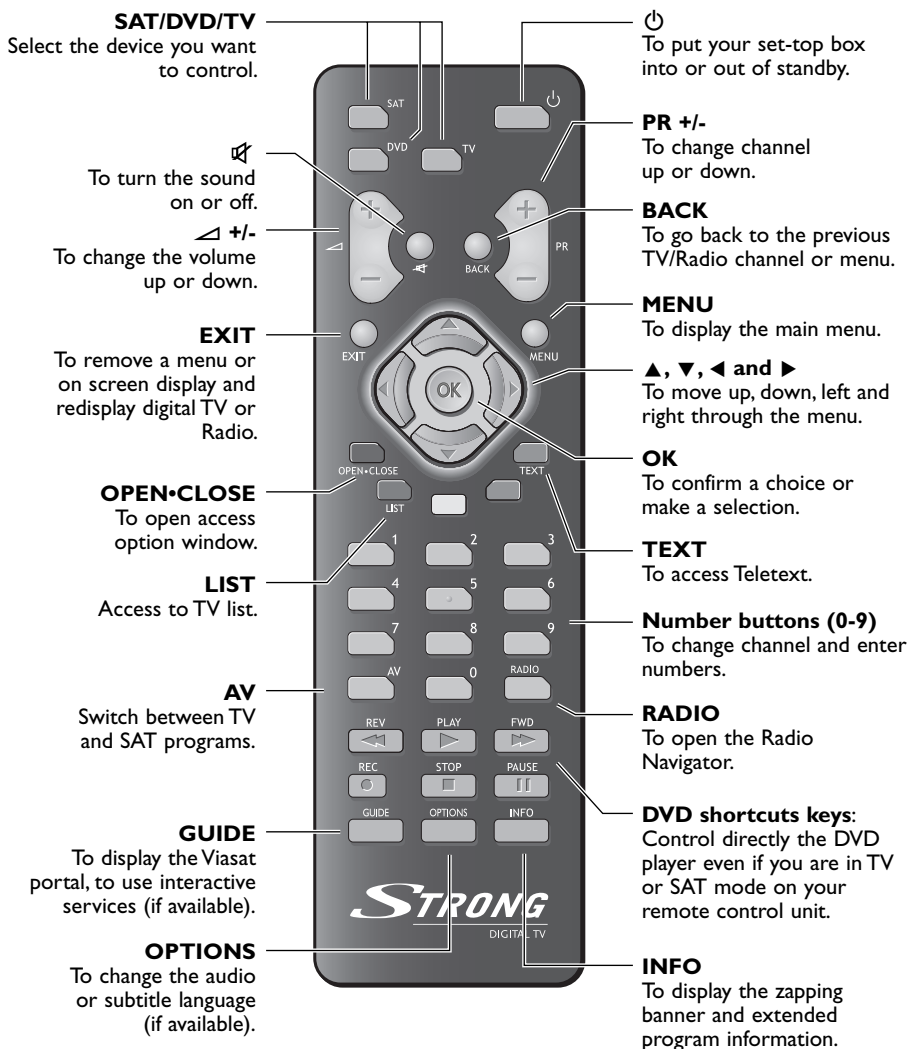


- Don't leave flat batteries in your remote control.
- Replace both batteries at the same time.
- Dispose of flat batteries in an environmentally-friendly way.



Please respect the environment and prevailing regulations. Before you dispose of batteries or accumulators, ask your dealer whether they are subject to special recycling and if he accepts to take them back.

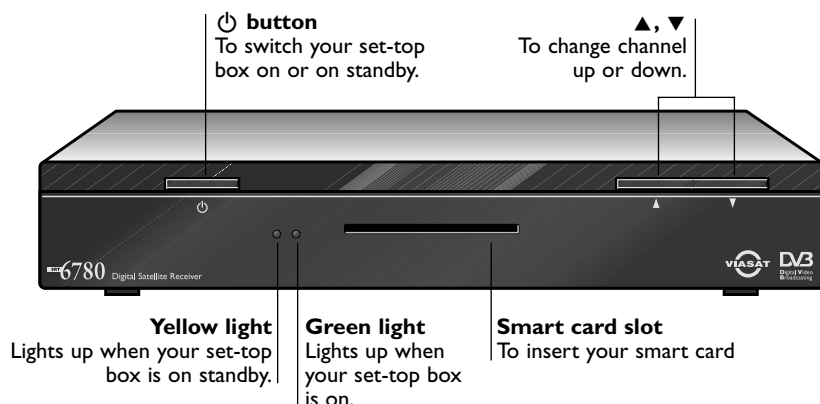
Remote control buttons: quick reference



Note: Some of these buttons are described in more detail on the next page.

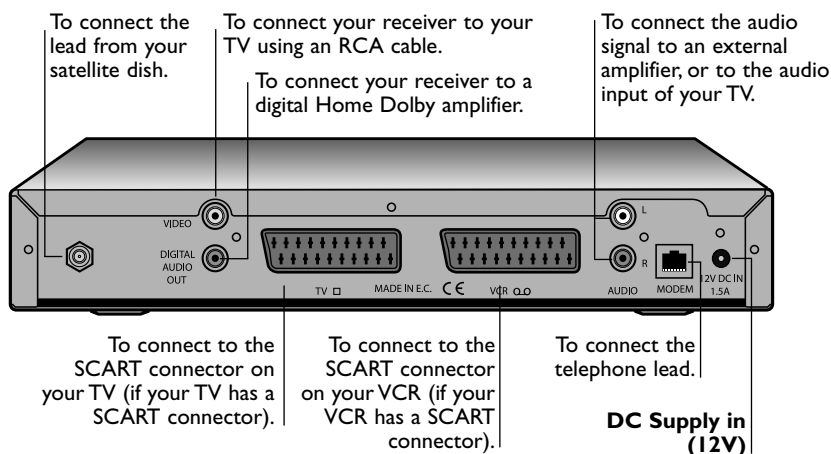
Your set-up box

Front panel



Rear panel connectors overview

Full details about connecting up and installing your set-top box begin on page 7.



WARNING

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

Installation

To install your set-top box, follow the instructions from this page up to page 17.

Before you begin

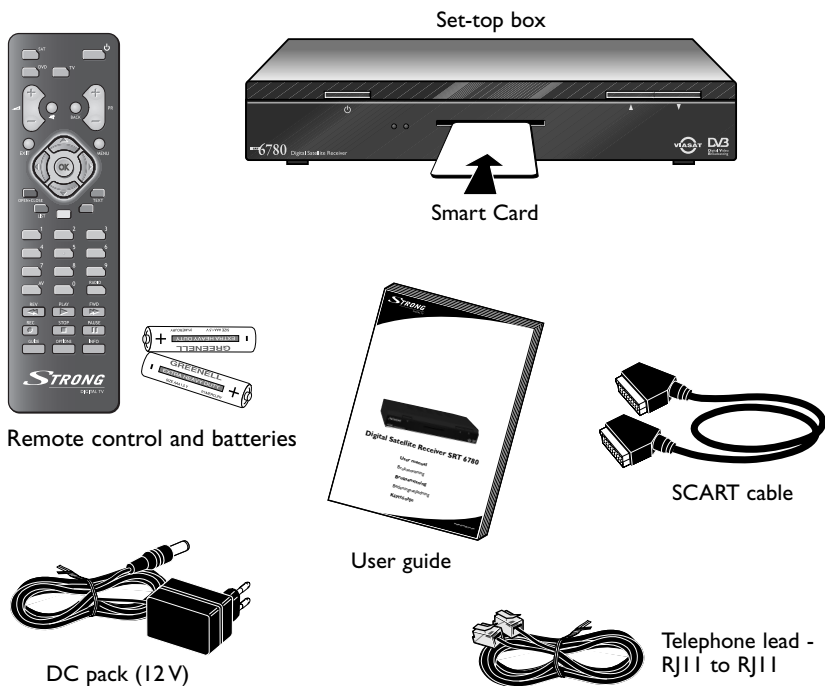
The supplied equipment

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

You should have the following items:

- Set-top box (see page 6)
- Remote control and batteries (see page 4)
- User guide
- DC pack (12V)
- SCART lead
- Telephone lead - RJ11 to RJ11
- Telephone line (RJ11) adapter suitable for your location (see page 10).

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

- **If you are already a Viasat customer, and are using your satellite dish to tune to Viasat analogue channels, you should not need to make any adjustment to your dish, just go straight to page 9 to continue the installation.**
- 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.

Connecting to other equipment

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.)

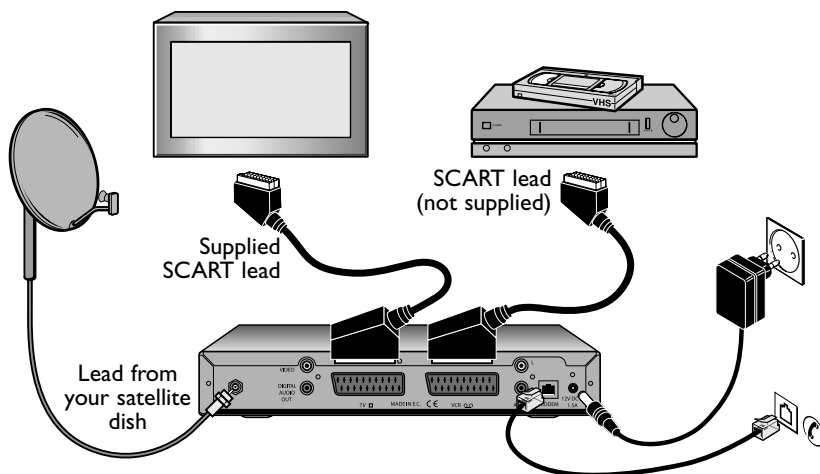
WARNING

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

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Connection method 1: To TV and VCR

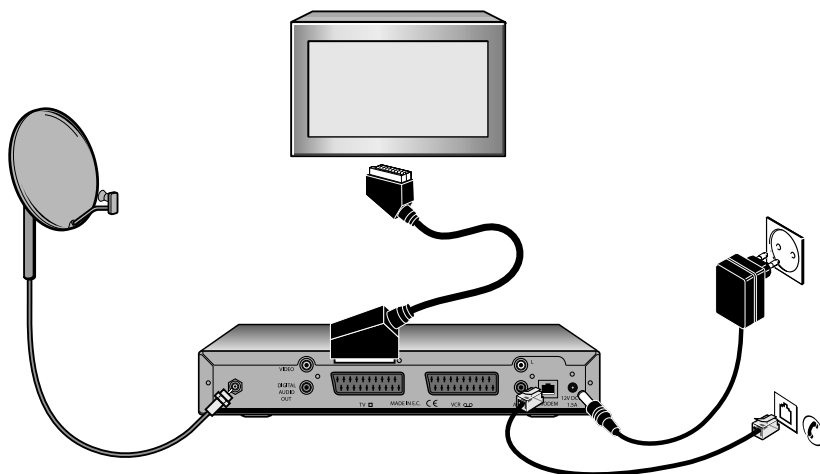
If you have a VCR and a TV with SCART connectors, you can connect up as shown in the diagram below.



1. Use the supplied SCART lead to connect your set-top box to your TV's SCART input as shown.
2. Use a SCART lead (not supplied) to connect your set-top box to your VCR's SCART input as shown.
3. Connect the lead from your satellite dish to the satellite input connector on your set-top box as shown.

Connection method 2: To TV only

If you wish to connect your set-top box to a TV only, connect up as described below.



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 on your set-top box.

Connecting to the telephone line

Supplied with your set-top box are telephone line adapters suitable for your region: Adapter for Sweden, adapter for Denmark, adapter for Norway, Finland and Estonia.

If your telephone wall socket looks like the one shown right, you do not need an adapter, but you may need a splitter (not supplied) so that you can plug in both your set-top box and your telephone.



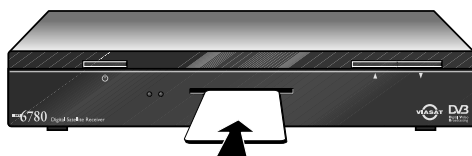
1. Remove your telephone connector from your telephone wall socket.
2. Choose the correct adapter for your location. If you are not sure which one to use, compare with your telephone connector.
3. Insert your telephone connector into the correct socket on your adapter.
4. Take the free end of your supplied telephone lead and insert it into the correct socket on the adapter, as shown right.
5. 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) and hold it so that the picture is facing upwards, with the arrow pointing towards your set-top box, and the 'smart' patch is facing downwards and at the end away from you.
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

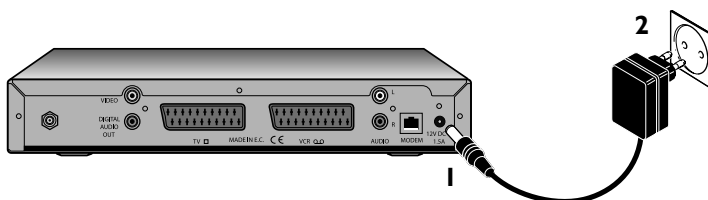
- Do not remove and re-insert your smart card unnecessarily.
- Do not bend your smart card; keep it away from children and pets.
- Do not put your smart card in liquids or use cleaning fluids on it.



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Connecting to the mains supply

1. Once you have safely made all the other connections, connect the DC plug of the DC pack to the DC input on your decoder as shown in the diagram below.
2. Connect the mains plug of the DC pack to the mains wall socket
3. If there is a switch by the mains wall socket, switch it on.
4. Connect your other equipment to the mains supply.



WARNING

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

Notes: Your set-top box operates with 12 V DC power supply.

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

Switching on for the first time

When you connect your set-top box to the mains, all the lights on the front panel will light up. After around 5 seconds, only the standby light remains light.

Press **SAT** key (decoder key) on your remote control to control your set-top box, then press **⏻** key to switch it on. The light turns green.

- Make sure your TV is switched on.

If the **Language selection** screen below displays, your TV is ready for digital satellite channels.



You can now continue the installation by turning to the section "Cheking the installation screens" on page 13.

If the Languages screen does not display...

If you have connected your set-top box to your TV via a SCART lead, as in methods 1 and 2, try selecting your TV's "AV input".

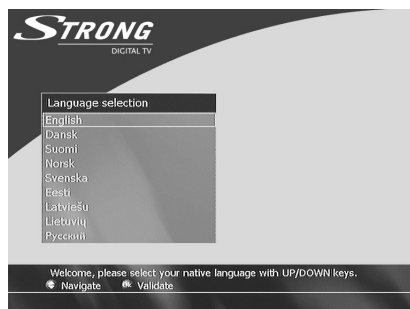
Checking the installation screens

For most installations, this is easy to do, if you follow these instructions. However, for some installations you may need to make additional settings - see the “Other settings” section starting on page 24.

Note: At any time during the first time installation process, you can return to previous screen by pressing **BACK** button.

Choosing your language

If you have completed the installation instructions up to this point, the following screen is displayed on your TV screen.



1. Take your remote control. If you have not already inserted the batteries, do so now (see page 4).
2. Press **▲** or **▼** key until the language you want is highlighted, then press **OK**.
A Welcome screen now displays.

Note: For Swedish, Norwish, Danish and Finnih, the Welcome screen appears in the selected language.

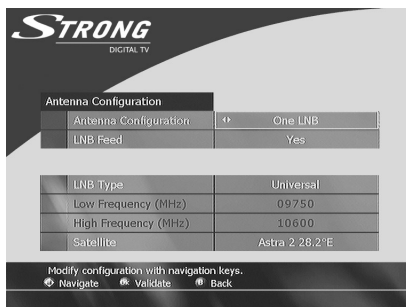
3. To change the language, press **BACK** (then repeat step 2), or to confirm your choice press **OK**.

Time menu

Once you have confirmed the language, the **Time** menu is displayed.
Select your local time zone then press **OK**.

Antenna configuration menu

The **Antenna configuration** menu is displayed and **Antenna Configuration** field is selected.



Depending on your antenna configuration, select:

- **One LNB**: if you have only one antenna.
- **DiSEqC**: if you have 2, 3 or 4 antennas connected to the set-top box through a DiSEqC switch.
- **SMATV**: if you are using a local network.

LNB feed

- Select **Yes** if your antenna configuration is **One LNB**. In this case, you will be able to receive update of your Conditional Access rights even in Standby mode.
 - Select **No** if your antenna configuration is **SMATV**.
 - Select **Auto** if you want an LNB feed only when the set-top box is on.
- You will not be able to receive an update of your Conditional Access rights in Standby mode.

LNB index

(This field is only displayed if you have selected **DiSEqC** at the **Antenna Configuration** field).

According to the DiSEqC switch input where the antenna is connected select corresponding Index (from 1 to 4).

LNB type

(This field is not displayed if you have selected **SMATV** at the **Antenna Configuration** field).

According to your LNB, select **Universal**, **Customized** or **None**.

Low and High frequencies

(These fields are only displayed if you have selected **Customized** at the **LNB type** field).
With digit keys, enter Low and Hight bands oscillator frequencies.

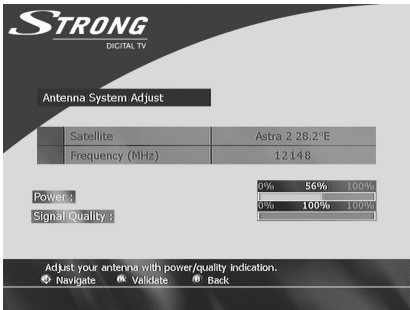
Satellite

(This field is not displayed if you have selected **SMATV** at the **Antenna Configuration** field or **None** at the **LNB type** field).
Select the satellite on which one your antenna is pointed.

Checking the signal

Once antenna settings are set, the signal check screen is displayed. Use this screen to confirm that your set-top box is receiving a satellite signal.

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The details on the screen show the name of the satellite, together with bars showing the power and quality of the signal being recived from this satellite.
If you have selected **DiSEqC** at the **Antenna Configuration** menu, you can select a satellite from its LNB index.
Your set-top box must receive both a signal strength and a signal quality of at least 60% in order to successfully find channels.

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

*Note: If you press **OK** before you are ready, you can press **BACK** to redisplay the signal check screen.*

Once you have confirmed the satellite signal strength, the **Channels Search** menu is displayed.

Channels Search menu

Channels Search	
Installation Type	Network
Satellite	Astra 2 28.2°E
Frequency (MHz)	12054
Polarization	Vertical
Symbol Rate (kbauds)	27500
FEC	3/4

Modify parameters with navigation keys.
 ◀ Navigate ⏹ Validate ⏮ Back

The default parameters allow you to install all the Viasat Channels.

If you want to do a specific installation, use a specialized satellite magazine to get the correct figures for following settings.

(**frequency (MHz)**, **Polarization**, **Symbol rate** and **FEC** fields are not available if you select **Fast scanning** or **Manual scanning** at **Installation Type** field).

Installation type

Depending on the desired installation, select:

- **Network**: to install a pre-defined network,
- **Bouquet**: to install a pre-defined network,
- **Transponder**: to install a pre-defined transponder,
- **Fast scanning**: to install a predefined list of frequencies on a dedicated satellite,
- **Manual scanning**: to scan all the frequencies on a dedicated satellite.

*If you have selected **SMATV** at **Antenna configuration** menu, only **Manual scanning** is available.*

Satellite

*(This field can only be selected if you have selected **DiSEqC** at the **Antenna Configuration** menu.)*

Choose a satellite from its LNB index.

Frequency (MHz)

With digit buttons of your remote control enter the frequency of the desired transponder.

Polarization

According to the transponder polarity, select **Vertical** or **Horizontal**.

Symbol rate

With digit buttons of your remote control enter the correct symbol rate.

FEC

According to the selected transponder, select correct FEC.

Bouquet number

(This field is only available if you have selected **Bouquet** at **Installation Type** field).

With digit buttons, enter the number of the desired bouquet.

If you have selected **Manual scanning** at **Installation Type** field, a new menu is displayed on which you can search for at least 6 Symbol rate on a satellite.

Select successively each field and enter the desired Symbol rate number.

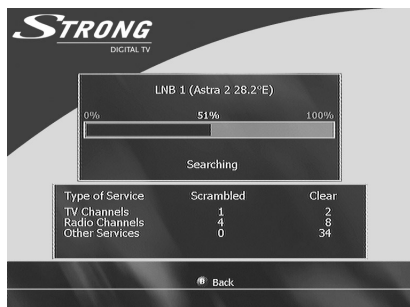
Once Channels search menu is set, press **OK** to start searching.

Searching for channels

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Once you have confirmed the channels search settings, the channel auto-search screen is displayed.

A progress screen confirm that the search is taking place.




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

You can return to previous screen by pressing the **BACK** button.

1. To confirm this channels and display the next screen press **OK**.
2. To watch TV channels press **OK**.


Day to day use

Decoder switch ON / Standby


Press  button on the remote control unit or on the front panel to switch ON / Standby your decoder.

Volume setting

Volume:

You can set the volume level with  +/- buttons.

Sound mute:

Press  button to mute the sound. Press it again to restore the sound.

TV channels access

TV Zapping:

- Press **PR-** button to access previous TV channel.
- Press **PR+** button to access next TV channel.

TV channels direct selection:

The digit buttons of your remote control unit allows you to directly access to any TV channel number. Enter the channel number (4 digits maximum) of the desired service.

!If the requested TV channel number does not exist, the lower nearest one is selected.

Back to last TV channel:

Press **BACK** button to switch to the last TV channel.



Radio channels access

Direct Access:

Press **RADIO** key to open to the Radio services navigator.



From the menu:



Press **MENU** button on the remote control unit to access to the **Main menu**.

Select **Channels**, press **OK** and with  /  keys select **Radio Channels**.

Press **OK** to confirm.

Radio Zapping:

Press **PR- / PR+** (or  / ) keys to select the previous / next Radio channel in the list. The selected Radio channel is played.

The  and  buttons allow you to navigate through previous / next pages of the Radio list. The digit buttons of your remote control unit allows you to directly access to any Radio channel number. Enter the channel number (3 digits maximum) of the desired service.

!If the requested Radio channel number does not exist, the lower nearest one is selected.

*!If you have defined Radio favorites lists, the name of the current Radio favorite list is displayed at the top left of the screen. The **OPTIONS** key allows you to change your current Radio favorite list.*

Press **EXIT** to return to the last TV channel.

Zapping Banner / Extended Information banner

You can get two levels of information related to the current playing event.

- TV banner basic channel information,
- Extended event description.

The Basic channel information is displayed through a Zapping Banner that is either shortly displayed after each Zapping or by pressing the **INFO** key.



*! You can adjust the display duration of the Zapping Banner in the **Preferences** Menu.*

The Extended event description is displayed/erased by pressing again the **INFO** key while the TV Banner information is present.



Whilst TV information is displayed:

Next / Present event information (If available):

Press **►** key to display the next event information.

Press **◄** key to display the present event information.

Next / Previous TV channel information: (Virtual Zapping)

Press **▲** key to display the next service information.

Press **▼** key to display the previous service information.

Press **OK** key to watch the specified TV channel.

Access option:

Following icons may be displayed at the bottom line of the information banner.



Availability of another audio language.



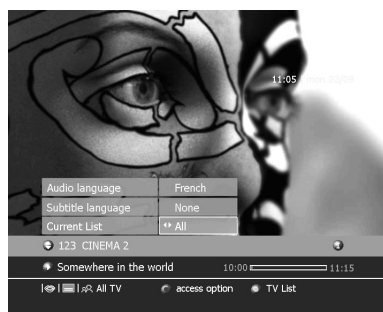
Availability of another Subtitle language.



All TV Name of the current channels list.

If one of these icons is displayed, a option icon at the bottom of the information banner inform you that you can access the option screen.

Press **OPTIONS** button on the remote control, the **Option** screen is displayed.



This screen allows you to change the favorite list (if created), to change the subtitles languages (if available), to change Audio languages (if available).

Select the desired field with **▼ / ▲** keys and set with **◀ / ▶** keys.

TV channel list or TV Miniguide:

Press **GUIDE** key to switch to the TV channels list.

Press **GUIDE** key more than 2 seconds to switch to the TV Miniguide.

Press the **EXIT** button to erase the displayed information.

TV Miniguide

The TV Miniguide allows you to display at the same time:

- the TV channel list,
- the corresponding TV channel information (if available),
- the corresponding live video in a small window.

Direct access from any TV channel:

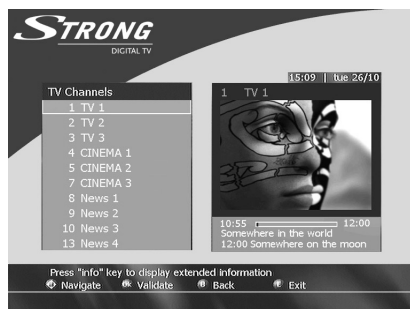
Press **GUIDE** key more than 2 seconds.

From the menu:

Press **MENU** button on the remote control unit to access to the **Main menu**.

Select **Channels**, press **OK** and with **▲/▼** keys select **TV Channels**.

Press **OK** to confirm.



*If you have defined TV favorites lists, the name of the current TV favorite list is displayed at the top left of the screen. The **OPTIONS** key allows you to change your current TV favorite list.*

Press **PR-** / **PR+** (or **▲/▼**) keys to select the previous / next TV channel in the list. The selected TV channel is displayed in the small window.

The **◀** and **▶** buttons allow you to navigate through previous / next pages.

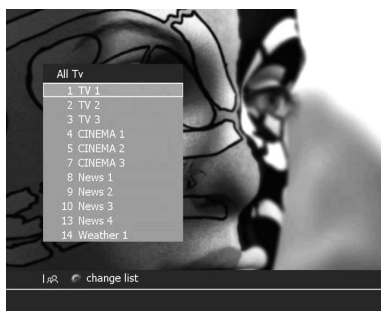
Press **OK** on the remote control unit to display the full size video of the selected service on TV screen.

Press **EXIT** or **BACK** on the remote control unit to exit the **TV Miniguide**.

TV Channel list

Direct access from any TV channel:

Press the **GUIDE** key once to display the TV Channel list.



!Pressing the **GUIDE** key for more than 2 seconds gives access to the TV Miniguide.

Press **▲/▼** keys to select the previous / next TV channel in the list.

The **◀** and **▶** buttons allow you to navigate through previous / next pages.

Press **OK** on the remote control unit to display the selected channel on TV screen.

Press **EXIT** or **BACK** on the remote control unit to exit the TV Channel list.

Programm Guide

Press **GUIDE** key on the remote control or select **Programme Guide** field in the **Main menu** and press **OK**.

Once you have press **OK**, you enter the Viasat portal of applications.

Through this portal, you can access and navigate into the following applications:

- **EPG (Electronic Program Guide)**,
- **Weather forecast**,
- **Games**,
- **News**,
- **Music guide**,
- **Pay-Per-View (Ticket)**.

Extra information

Recording a digital satellite program

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

To record a satellite program:

1. Make sure your set-top box is switched on and tuned to the channel you wish to record.
2. Set your VCR correctly to record at the appropriate time, 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 9.

Some programs 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 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 program

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.

Teletext access

From a TV service which provide teletext magazine, press **TEXT** button on your remote control unit to display teletext magazine.

Using digit number buttons, you can key in a specific Teletext page.

You can navigate within the teletext pages using navigation keys.

▲ : Display the precedent Teletext page.

▼ : Display the next Teletext page.

The use of the colored buttons depend on the displayed Teletext.

*!In default mode, the Teletext magazine hide the current video picture. The Teletext page can also be displayed in transparency mode to let you watch the video in background picture. This setting is enabled /disabled by pressing the **BACK** key as you are displaying the teletext magazine.*

Press again **TEXT** button or **EXIT** button to exit from the Teletext magazine.

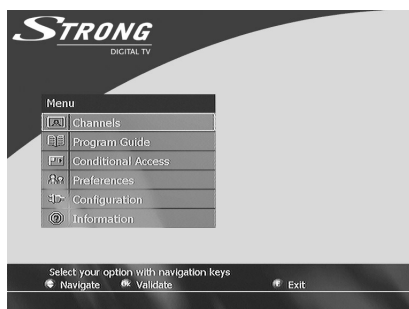
Other settings

Displaying the Main Menu

You need to display the **Main Menu** in order to perform other settings. You can also use the **Main Menu** to display the TV and Radio channel lists (see page 18).

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**.

Channels

Select **Channels** field and press **OK**.

Channels menu is displayed and **TV Channels** is highlighted.

Press **OK** to access the TV Miniguide.

Refer to Day-to-day use chapter, page 21 for more information on the TV Miniguide use.

Radio Channels

Select **Radio Channels** field and press **OK**.

Radio Channels list is displayed.

Refer to Day-to-day use chapter, page 18 for more information on the Radio Channels list use.

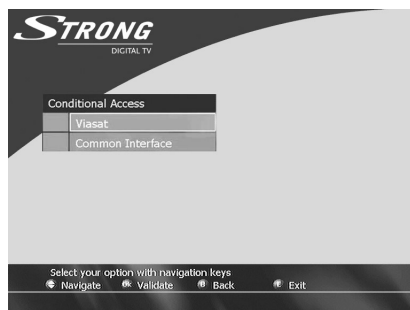
Program Guide

Select **Program Guide** field and press **OK**.

Once you have pressed **OK**, you enter the Viasat portal of applications if you are installed on the Viasat network, if not it displays the TV mini guide (see page 22).

Conditional Access

Select **Conditional Access** field in the **Main menu** and press **OK**.
Conditional Access menu is displayed and **Viasat** is highlighted.



If the line **Viasat** is not selected, select it with **▲ / ▼** keys and press **OK**.
You can now navigate the menu which is provided by the embedded Viasat CAS module.
(Subscription, User Limits, ...).

Press **BACK** to return to **Conditional Access** menu or press **EXIT** to exit the menu.
The **Conditional Access** menu displays the following options for consulting or settings parameters for:

- **Subscriptions,**
- **User Limits,**
- **Smart Card PIN Code Modification.**

Select the desired item with **▲ / ▼** keys and press **OK** on the remote control to display the associated sub-menu.

Subscriptions

Select this option to:

- Display the subscription right status.

User Limits

*! To navigate into the following sub-menus, you are asked to enter your Smart Card PIN code.
Default value of your Smart Card PiN code is **0000**.*

This feature allows you:

- To define a morality level to limit access to certain program categories.
The choice **Any program** disables the parental rating lock (all programs are viewable without any PIN code).
For all other values, the Smart card PIN code will be required when the rating of the current event indicates that all viewers are at least as old as the selected rating.
- To set a purchases threshold in order to be informed afterward when the defined threshold will be exceeded.

Smart Card PIN Code Modification

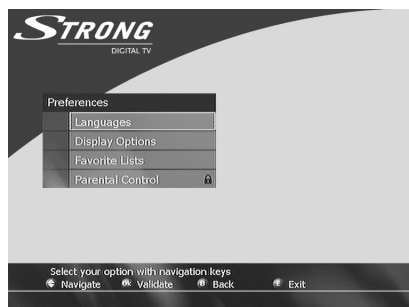
This feature allows you to modify your Smart Card PIN Code.

Refer to page 28 for more explanations on how to change your PIN code.

Preferences

Select **Preferences** field and press **OK**.

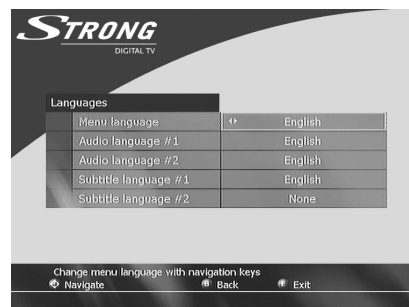
Preferences menu is displayed and **Languages** field is highlighted.



Languages

While **Languages** field is highlighted press **OK**, Languages menu is displayed.

This screen allows you to select the desired language for menus as well as for audio and subtitles if available.



Select a line with **▲ / ▼** keys and select a language with **◀ / ▶** keys.

Press **EXIT** to confirm your choice and exit the menu or press **BACK** to return to **Preferences** menu.

Display options

Select **Display Options** field in the **Preferences** menu and press **OK**.

Display Options menu is displayed.

Banner Time-out (s): Define the display duration of the Zapping Banner after a zapping. The allowed values are between 1 to 9 seconds.

With digit buttons enter the desired Banner Time out.

Press **EXIT** to exit the menu, or press **BACK** to return to **Preferences** menu.

Favorite Lists

Select **Favorite Lists** field in the **Preferences** menu and press **OK**.
Favorite Lists menu is displayed.

(This menu allows you to create a favorite list or to modify an existing one).

New list:

With **▲** / **▼** keys select the list you want to define and press **OK**.

List Definition screen is displayed.

- Press **◀** / **▶** keys to select a character field.
- Press **▲** / **▼** keys to modify the character.

Once the name of the list has been defined, press **◀** or **▶** key until **Type** field is highlighted. Then with **◀** or **▶** keys select if it is a Radio or a TV list. Once the type of the list is defined, press **OK**, the **List Editing** screen is displayed.

With **▲** / **▼** keys select a channel in the list and press **OK** to include it in your Favorite List, a tick is displayed behind the channel's name.

Repeat the previous step to select other channels.

Press **EXIT** to validate and exit the menu.

Existing one:

With **▲** / **▼** keys, select the already existing list you want to amend and press **OK**.
Action field is selected.

Select what you want to do on the list.

- **Modify**: if you want to change the name of the list and add or delete TV channels from the list.
- **Organize**: if you want to organize the list.
- **Delete**: if you want to delete the whole list.

Parental Control

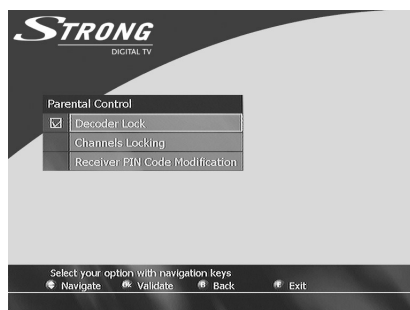
The **Parental Control** menu allows you to lock/unlock channels access rights
Select **Parental Control** field and press **OK**.

The receiver PIN code is requested to enter this menu.

Default value of the receiver PIN code is **0000**.

With digit numbers keys of your remote control, enter the receiver PIN code.

Once the fourth digit is entered, **Parental Control** menu is displayed and **Decoder Lock** field is selected.



Tick the box with **OK** key if you want to lock the decoder.

To unlock the decoder, untick the box. This function enables you to watch all the channels even if they had been locked previously as long as the decoder is awake, it will be automatically relock at standby.

Channels Locking (This field is only selected if you have activated **Decoder Lock** field): Select **Channels Locking** field and press **OK**, **Channels Locking** list is displayed.

With **▲** / **▼** keys select the channels you want lock and press **OK**. A tick is displayed behind the channel name.

Press **EXIT** to confirm and exit the menu.

Receiver PIN Code modification: Select **Receiver PIN Code Modification** field and press **OK**.

Receiver PIN Code Modification screen is displayed.



This menu allows you to modify the PIN code of your decoder.

With digit numbers keys of your remote control, enter the new receiver PIN code.

With digit numbers keys, enter again the new Receiver PIN code for confirmation.

Validate with **OK**, a screen inform you that the modification is completed.

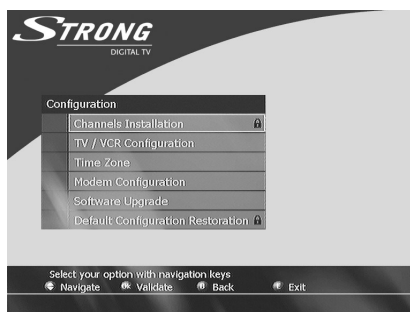
Press **EXIT** to exit the menu or press **BACK** to return to **Parental Control** menu.

Configuration

This menu allows you to perform subsequent Channels Installation, to set TV /VCR settings to your personal preferences, to set your Local time zone, and to set your Modem configuration.

Select **Configuration** in the **Main menu** and press **OK**.

Configuration menu is displayed and **Channels Installation** field is highlighted.



Press **OK** to access **Channels Installation** menu.

To access this menu, Receiver PIN code may be requested.

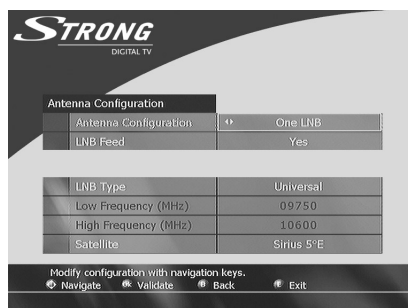
Channels Installation

Once you have accessed the menu, **Antenna Configuration** field is selected.



Press **OK** to access the menu.

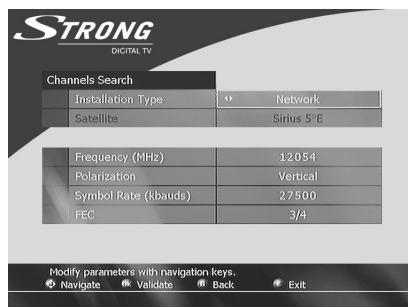
Antenna Configuration menu is displayed.



Refer to chapter First installation, page 14, for more information on this menu.

Channels search: select **Channels Search** field and press **OK**.

Channels Search menu is displayed.



Refer to chapter First installation, page 16, for more information on this menu.

Channels erase: select **Channels erase** field and press **OK**.

Channels Erase screen is displayed.

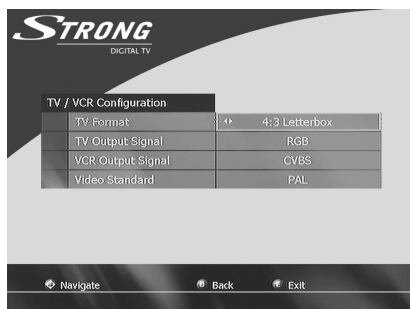
Press **OK** if you want to erase the entire services list.

Caution: All memorized channels will be erased.

TV/VCR Configuration

This menu allows you to set TV /VCR settings to your personal preferences.

Select **TV/VCR Configuration** field in the **Configuration** menu and press **OK**, **TV/VCR Configuration** menu is displayed and **TV Format** field is selected.



- **TV Format:** With ◀ / ▶ button set your TV format to **4/3 Letterbox**, **16:9** or **4/3 Pan and Scan**.
- **TV Output signal:** With ◀ / ▶ button set your TV mode to **RGB**, **S-Video** or **CVBS**.
- **VCR Output signal:** With ◀ / ▶ button set your TV mode to **S-Video** or **CVBS**.
- **Video standard:** With ◀ / ▶ button set your Video standard to **SECAM** or **PAL**.

Time Zone

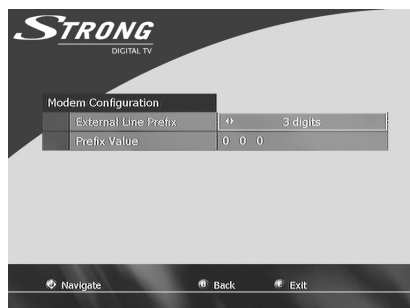
Select **Time Zone** in the **Configuration** menu and press **OK**, **Time Zone** screen is displayed.

With ◀ / ▶ button, select your Local time zone.

Modem Configuration

This menu allows you to define the modem prefix (numbers to be automatically dialed before a phone number to access the public phone network).

Select **Modem Configuration** field in the **Configuration** menu and press **OK**, **Modem Configuration** screen is displayed.



External line prefix: Select from 1 digit to 10 digits if a dialing prefix is needed, select **Not required** otherwise.

Prefix Value: With remote control digits buttons enter the prefix number needed.

Software Upgrade

This menu allows you to upgrade the software of your decoder from satellite.

Select **Software Upgrade** field in the **Configuration** menu and press **OK**, **Software Upgrade** screen is displayed.

You can either manually set the expected parameters, or activate the automatic software download.

With ◀ / ▶ button select.

- **Automatic:** Take all default values or last manual succeeded values.
- **Manual:** Take entered values from specific menu (see below).

Then press **OK** to validate.

If **Automatic** software update has been selected it will be launched immediately.

If **Manual** software update has been selected, you will be asked to fill the following fields:

- **Satellite,**
- **frequency (MHz),**
- **Polarization,**
- **Symbol Rate,**
- **FEC.**

Once these parameters are set, press **OK** to validate and launch the software upgrade.

Default Configuration Restoration

This menu allows you to return to factory preset parameters.

To access this menu, Receiver PIN code is requested.

Select **Default Configuration Restoration** field in the **Configuration** menu and press **OK**, **Default Configuration Restoration** screen is displayed.

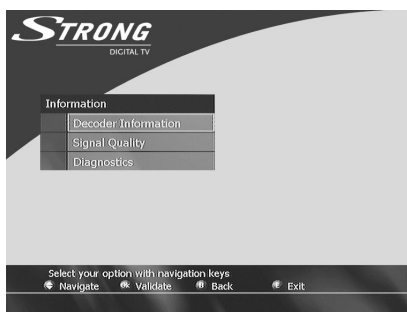
*!Be cautious, if you press **OK**, ALL YOUR SETTINGS will be erased.*

Press **OK** to return all parameters to default settings and return to **Configuration** menu.

Information

Select **Information** in the **Main menu** and press **OK**.

Information menu is displayed and **Decoder Information** field is highlighted.



Press **OK** to access **Decoder Information** menu.

Decoder Information

This menu allows you to get information on your set-top box, (model name, firmware version, software version, serial number...).

! These data could be of interest for your Viasat customers care service.

Press **BACK** to return to **Information** menu or press **EXIT** to exit the menu.

Signal Quality


Select **Signal Quality** field in the **Information** menu and press **OK**, **Signal Quality** screen is displayed.

This menu allows you to check the quality of the satellite signal received by your set-top box.

Check that the signal is correct and press **BACK** to return to **Information** menu or press **EXIT** to exit the menu.

Solving problems

** 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 plug 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.
You can see on-screen interference	Your TV is not correctly tuned.	Check that your TV is correctly tuned to your set-top box. For further information, refer to your TV instruction book.
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. If not press SAT key on your Remote control.
	The batteries are flat or inserted the wrong way round.	Check the batteries and replace them if necessary.

Problem	Possible cause	Suggested solution
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.	<p>You can change the menu language as follows:</p> <ol style="list-style-type: none"> 1. From a digital satellite channel, press MENU. 2. Press ▼, 3 times to highlight the Preferences item on the menu, then press OK. 3. Press OK. <p>The Preferences menu displays. The first, highlighted item is the language item, press OK.</p> <ol style="list-style-type: none"> 4. Press ► until your language displays. 5. Press BACK. The menus should now be in your preferred language. 6. Press EXIT to redisplay digital satellite TV.
Your decoder doesn't react when you press a key of the RCU (the Red led on the front panel doesn't blink).	Your RCU might be configured for DVD, VCR or TV devices.	Press SAT key on the RCU.

Specification

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

General

Operating voltage:	12 V DC
Power consumption:	20 W (max.)
Weight:	1.3 kg
Dimensions (W x H x D):	252 mm x 42 mm x 138 mm
Operating temperature range:	0°C to +40°C
Storage temperature range:	-20°C to +60°C

Rear and side panel connectors

Input:	DC
Telephone line:	RJ11
Others:	TV Scart, VCR Scart, Video cinch, audio cinch, Tuner RF, SPDIF coaxial
Dish input:	IEC 169-24 F-type female

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