



Picture similar

# Digital Terrestrial Receiver SRT 51

User Manual

# Table of Contents

|      |                                |    |
|------|--------------------------------|----|
| 1.   | Features and Accessories ..... | 2  |
| 2.   | Connection .....               | 3  |
| 3.   | Remote Control .....           | 3  |
| 4.   | First Time Installation .....  | 4  |
| 5.   | Main Functions .....           | 5  |
| 5.1  | Menu Structure .....           | 5  |
| 5.2  | Main Menu .....                | 5  |
| 5.3  | Program List .....             | 6  |
| 5.4  | Program Search .....           | 6  |
| 5.5  | Parental Control .....         | 7  |
| 5.6  | System setting .....           | 8  |
| 5.7  | Game .....                     | 11 |
| 5.8  | Accessory .....                | 11 |
| 5.9  | Personal Style .....           | 12 |
| 5.10 | Timer .....                    | 12 |
| 6.   | Technical Specifications ..... | 13 |
| A.1  | Trouble shooting .....         | 14 |
| A.2  | Default PIN-Code .....         | 14 |
| A.3  | Environmental Conditions ..... | 15 |

Thank you for purchasing this STRONG Digital Terrestrial Receiver SRT 51. This SCART built-in Receiver is one of our latest developments and it is designed to be capable of safely install to your TV and to achieve its optimum performance. It is advised that first-time and experienced users read this manual in order to safely install the unit.

## 1. Features and Accessories

- For all digital Free-To-Air TV and Radio programmes (with outdoor- or indoor\* antenna)
- Terrestrial Receiver for direct connection to TV SCART connector
- Remote Control operates receiver via Infrared Sensor Eye
- DVB-T compliant, UHF/ VHF Tuner.
- Set-up support for first time installation
- Quick and easy installation & user-friendly menu
- Excellent Audio- and Video quality
- Support of active antenna by 5 Voltage on antenna connector
- 1.000 channels memory capacity
- Favourite list for both TV and Radio programmes
- Parental lock function for menu and selectable per channel
- Support Teletext via receiver and TV remote control
- Electronic Programme Guide (EPG) for present / following event information and up to 7 days for on screen programme information
- Multi-lingual subtitling and audio track support
- Multilingual OSD on screen display menu
- Low power consumption
- Automatic and manual channel scan options
- Advanced timer function
- Mosaic function: 9 TV Channels in overview
- High speed channel zapping
- Games (Mine, Tetris, Gomoku)
- Calendar

\*subject to local signal conditions

### **Accessories:**

User Manual

Remote Control

Infrared Eye

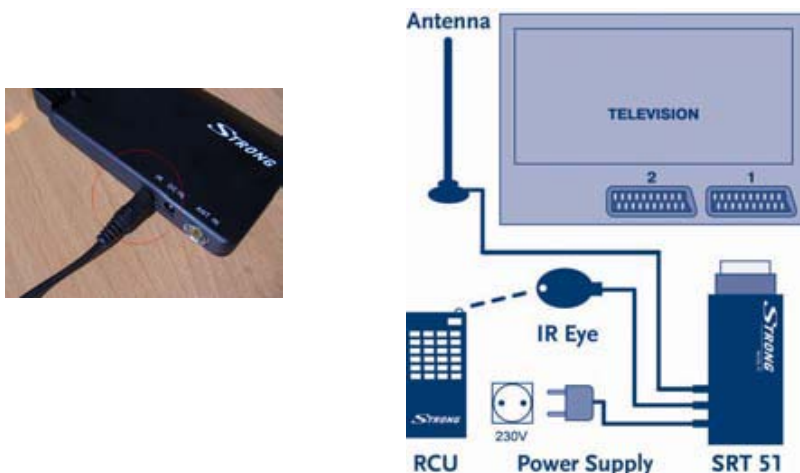
Antenna

Power Supply

## 2. Connection


Plug the IR connector into the SRT 51 and make sure it is properly connected. After connecting the power adapter to the main power the IR eye LED must light, otherwise the Remote Control will not react.

Connect the antenna to the SRT 51 and plug it into your TV set, DVD/Video recorder or a further receiver, which is connected to your TV set.



## 3. Remote Control

|             |  |
|-------------|--|
| ⏻           | Turns the receiver On/Standby.   |
| MUTE        | Mutes audio output of the receiver.  |
| JUMP        | Switch between last and current channels.  |
| 0 ~ 9       | Channel selection  |
| VOL+ / VOL- | Increase/decrease volume level   |
| CH+ / CH-   | Channel up and down  |
| ▲ ▼         | Menu Off: Change the current program to the previous/next program.<br>Menu On: Moves the cursor up/down  |
| ◀ ▶         | Menu Off: Increases/decreases the volume level<br>Menu On: Moves the cursor left/right   |
| OK          | Activates the highlighted menu item. Displays a channel list according to TV /Radio Mode   |
| INFO        | Shows information on current channel   |
| MENU        | Opens the main menu  |
| EXIT        | Exits from the menu or sub-menu and cancels the progressing function   |
| FAV         | Shows Favourite List   |
| FAV +/-     | Up/Down in Favourite List in TV modus  |
| SUB         | Shows the list of subtitled languages currently supported by channel   |
| TEXT        | Shows current service's Teletext   |
| AUDIO       | Shows the list of available audio languages for the channel you are watching.<br>In addition it sets the current channel audio to stereo, left-mono or right-mono. |

- EPG            Shows the EPG (Electronic Program Guide)
- MODE        Switch between TV or RADIO
-         MOSAIC shows pictures of 9 channels on the screen simultaneously
- PAUSE       Freeze/Resume picture

#### 4. First Time Installation

You need to install the channels when you use the Digital SCART SRT 51 the first time.

1. You will see the “**First Time Installation**” window when you turn on the receiver. Please press **YES** to continue.

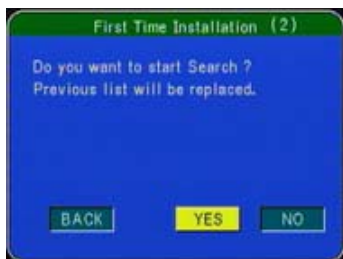


2. Please use ▲ / ▼ arrow buttons to select the settings (Country, Language, Time Zone and Antenna Power). Use ◀ / ▶ arrow buttons to adjust these settings and click “**NEXT**” to continue.

Scroll down to “Antenna Power” by pressing ▲ ▼. If you are using an active antenna, which needs to be powered by the receiver, select “ON” by pressing ◀ / ▶.



3. Please use ◀ / ▶ arrow buttons and press “**YES**” to continue, the system will search the channel and save the data automatically.



## 5. Main Functions

### 5.1 Menu Structure

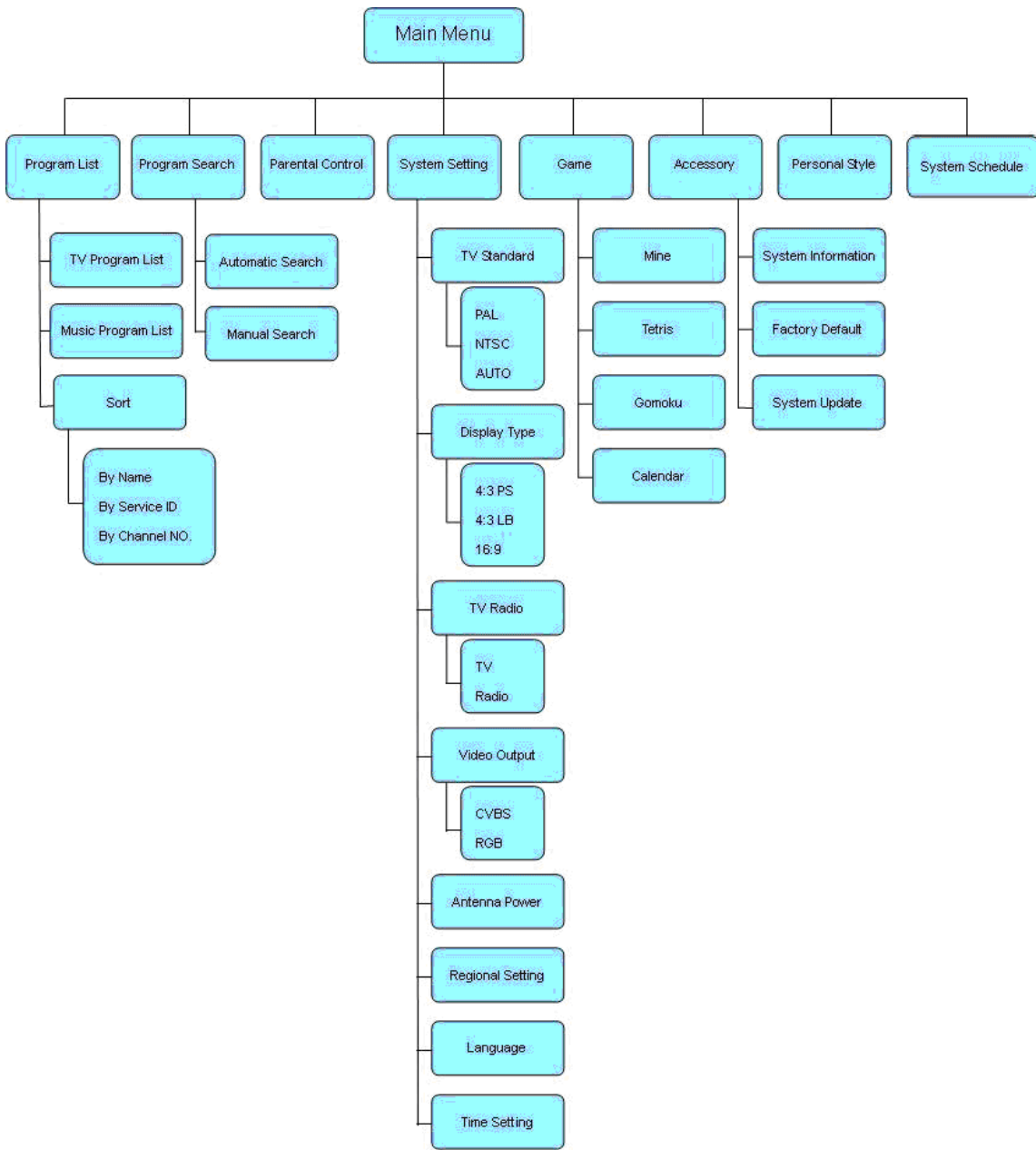


Diagram 1

### 5.2 Main Menu

Press “MENU” button and use ▲ / ▼ arrow buttons to select the menu item. Press button “OK” to enter or press button “EXIT” to quit menu.



Diagram 2

### 5.3 Program List

The program list may appear too complex for you or contains channels you are not interested in. This function provides an option for editing the program list.

Press “MENU” button and use ▲ / ▼ arrow buttons to choose the “Program List” (see Diagram 2). Press “OK” button. You will see three submenus which are *TV Program List*, *Music Program List*, and *Sort*.

Use ▲ / ▼ arrow buttons to select the submenu. Press “OK” button to enter or press button “EXIT” to go back to previous menu.



Diagram 3

#### TV Program List / Music Program List:

You will see the “Program edit table” window when you enter *TV Program List* or *Music Program List* submenu (see Diagram 4). You can edit your favourite program list. Please use these functions: Fav., Mov. and Del. to edit the program table. Please use ▲ / ▼ arrow buttons to choose the channel, and press “OK” button to confirm (see Diagram 5).

| No. | Program Name | Fav. | Mov. | Del. |
|-----|--------------|------|------|------|
| 1   | BBC ONE      |      |      |      |
| 2   | BBC NEWS 24  |      |      |      |
| 3   | CBBC Channel |      |      |      |
| 4   | BBC TWO      |      |      |      |

Diagram 4

| No. | Program Name | Fav. | Mov. | Del. |
|-----|--------------|------|------|------|
| 1   | BBC NEWS 24  |      |      |      |
| 2   | BBC ONE      | ♥    |      |      |
| 3   | CBBC Channel |      |      | ✗    |
| 4   | BBC TWO      |      |      |      |

Diagram 5

*Sort*: There are three submenus: *By Name*, *By Service ID*, and *By Channel No* . Please use ▲ / ▼ arrow buttons for selecting and use “OK” to confirm (see Diagram 6).



Diagram 6

### 5.4 Program Search

There are two submenus: *Automatic Search* and *Manual Search*.

Press “MENU” button and use ▲ / ▼ arrow buttons to choose “Program Search” (see Diagram 2).

**Note:** If Channel Lock is set to “YES” in Parental Control, you will be asked for entering the Parental PIN. The default PIN is “0000”.

Press “OK” button, you will see the two submenus which are *Automatic Search* and *Manual Search* (see Diagram 7). Please use ▲ / ▼ arrow buttons to select submenu then press “OK”

button to enter.

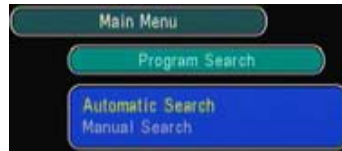


Diagram 7

**Automatic Search:** You will be asked “**Do you want to start search?**”. Choose “**OK**”. Choose “**YES**” for “**Do you want to erase your previous channel list?**” and the system will search the local program automatically (see Diagram 8-10). Please use ◀ / ▶ arrow buttons to set this function and press “**OK**” to confirm. You can cancel the search process by pressing the “**EXIT**” button. All found channels will be stored. The receiver will switch automatically to the first found channel.

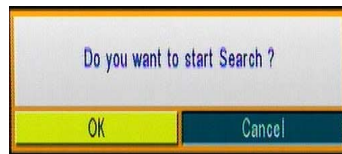


Diagram 8

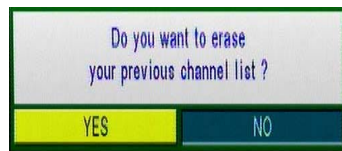


Diagram 9



Diagram 10

**Manual Search:** You can use “*Manual Search*” function to search specific channels or frequency. Use ◀ / ▶ arrow buttons to select channel No. and press “**OK**” button to confirm. (see Diagram 11)



Diagram 11

### 5.5 Parental Control

The parental control gives the possibility to lock channels and access to some menu steps by using a PIN code. The default PIN is “**0000**”. Please click “**Yes**” in “**Channel Lock**” submenu before you perform parental setting. Then choose the channels which you want to lock. (See Diagram 12-15).





Diagram 12



Diagram 13



Diagram 14

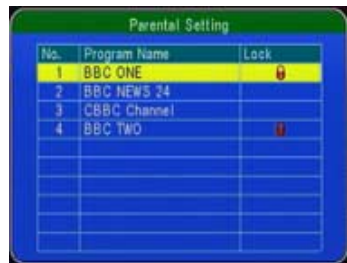


Diagram 15

If you want to change the default PIN code (0000) enter Change PIN menu. Enter first old PIN and 2 x times the new PIN code. (See Diagram 16-17). Please, note here new PIN : .....



Diagram 16



Diagram 17

## 5.6 System setting

There are eight submenus: *TV Standard*, *Display Type*, *TV Radio*, *Video Output*, *Antenna Power*, *Regional Setting*, *Language* and *Time Setting*.

Press “**MENU**” button and use ▲ / ▼ arrow buttons to choose “*System Setting*” (see Diagram 2). You will see the following submenus: *TV Standard*, *Display Type*, *TV Radio*, *Video Output*, *Antenna Power*, *Regional Setting*, *Language* and *Time Setting* (see Diagram 18). Please use ▲ / ▼ arrow buttons to select submenu then press “**OK**” to enter.



Diagram 18

*TV Standard:* Please use ▲ / ▼ arrow buttons to choose “PAL”, “NTSC” or “AUTO”, and press “OK” to confirm.



Diagram 19

*Display Type:* Use ▲ / ▼ arrow buttons to select the desired screen format, and press “OK” to confirm.



Diagram 20

*TV Radio:* Please use ▲ / ▼ arrow buttons to choose “TV” or “RADIO”, and press “OK” to confirm.



Diagram 21

*Video Output:* Please use ▲ / ▼ arrow buttons to choose “CVBS” or “RGB”, and press “OK” to confirm.



Diagram 22

*Antenna Power:* Please use ▲ / ▼ arrow buttons to choose “ON” or “OFF” (the factory default = OFF), and press “OK” to confirm. If you use active antenna, please choose “ON”.



Diagram 23

*Regional Setting:* Please use ▲ / ▼ arrow buttons to choose the setting you want to change: *Country*, *OSD Language* (on-screen display), and *Time Zone*. Please use ◀ / ▶ arrow buttons to adjust, then press “OK” to confirm.



Diagram 24

*Language:* Use ▲ / ▼ arrow buttons to choose the setting you want to change: *OSD Language, 1<sup>st</sup> Audio Lang., 2<sup>nd</sup> Audio Lang., DVB Subtitle*. Please use ◀ / ▶ arrow buttons to adjust and press “**OK**” to confirm.



Diagram 25

*Time Setting:* Use ▲ / ▼ arrow buttons to choose the time you want to change: *GMT usage* or *Time Zone*. Please use ◀ / ▶ arrow buttons to adjust and press “**OK**” to confirm. You can set the date and time when the GMT usage is OFF, please use ◀ / ▶ arrow buttons to adjust and press “**OK**” button confirm (see Diagram 27)



Diagram 26



Diagram 27

## 5.7 Game

There are four submenus: *Mine*, *Tetris*, *Gomoku* and *Calendar*.

Press “**MENU**” button and use ▲ / ▼ arrow buttons to choose “**Game**”. (see Diagram 28).

You will see the four submenus: *Mine*, *Tetris*, *Gomoku* and *Calendar*. Please use ▲ / ▼ arrow buttons to select submenus and press “**OK**” to enter.

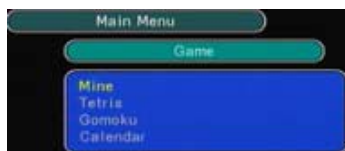


Diagram 28

### Tetris key function:

**LEFT / RIGHT** key to move the block to left or right.

**DOWN** to drop the block.

**UP** to Rotate the block.

## 5.8 Accessory

There are three submenus: *System Information*, *Factory Default* and *System Update*.

Press “**MENU**” button and use ▲ / ▼ arrow buttons to choose “**Accessory**” (see Diagram 2).

You will see three submenus: *System Information*, *Factory Default* and *System Update*.

Please use ▲ / ▼ arrow buttons to select submenus and press “**OK**” to enter.



Diagram 29

*System Information*: it displays the version of this system.



Diagram 30

*Factory Default*:

**Note:** If you use this function all channels and settings will be deleted. The receiver will return to basic factory default settings.

Use ▲ / ▼ arrow buttons to select “*Factory Default*” and press “**OK**” to enter (see Diagram 31-32).

**Note:** If Channel Lock is set to “*YES*” in Parental Control, you will be asked for entering the Parental PIN. The default PIN is “**0000**”.



Diagram 31

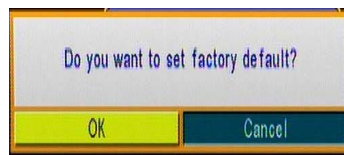


Diagram 32

### System Update:

Here you can install a new Software Version if available. Use ▲ / ▼ arrow buttons to select “System Update” and press “OK” to enter.

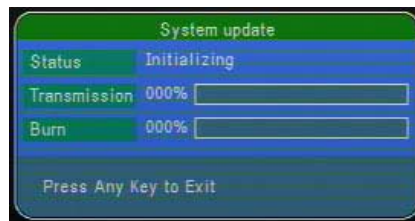


Diagram 33

**NOTE: Do NOT power off or disconnect the receiver from the main during the update process!**

### 5.9 Personal Style

In this function, you can change *Menu Colour*, *Transparency*, and *Border Pattern*.

Please use ◀ / ▶ arrow buttons to adjust your personal style and press “OK” to confirm.



Diagram 34

### 5.10 Timer

*System Schedule*: Use ▲ / ▼ arrow buttons to select a task and press “OK” button to confirm. Use ▲ / ▼ / ◀ / ▶ arrow buttons to adjust these settings. Please press “OK” to confirm and the task will switch to “Active”.

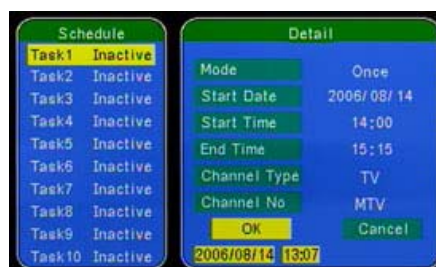


Diagram 35

## 6. Technical Specifications

### Tuner, Demodulator:

Frequency Range: VHF 174 ~ 230 MHz / UHF 470 ~ 862 MHz

Input Signal Level: -80dBm ~ -25dBm

IF Bandwidth: 6MHz, 7MHz and 8MHz

Demodulation: QPSK, 16QAM, 64QAM

### Video Decoder:

MPEG-2 Main Profile @ Main Level

Format : 720\*576(PAL) / 720\*480 (NTSC)

Aspect Ratio : 4:3 Letter Box, 4:3 Pan & Scan, 16:9

### Audio Decoder:

MPEG/MusiCam Layer I-II

Audio mode: Stereo/Dual Channel, Joint Stereo, Mono

### Connectors:

ANT IN (IEC Female)

DC IN (5V)

IR sensor

SCART

### General Data:

Pluggable power supply: 100-240 VAC, 50-60Hz, 0.5A to 5 VDC, 2.5A

Power Consumption (max): 3.5 W

Standby Power Consumption: 3.35 W

Operating Temperature: 0 ~ 50° C

Storage Temperature: -20 ~ 70° C

Operating Humidity Range: 0 ~ 90%

Size (W x D xH) in mm: 135 x 55 x 18

Weight: 120 g

## A.1 Trouble shooting

In some region, the digital terrestrial signal may be weak. So you'd better use the antenna in which the booster was built, for watching the weak signal channels.

| <b>Problem</b>   | <b>Possible cause</b>   | <b>What to do</b>   |
|--|---|---|
| Standby light not lit  | Mains lead unplugged<br>Mains fuse blown  | Check mains lead<br>Check fuse  |
| No signal found  | Terrestrial is disconnected<br>Terrestrial is damaged/misaligned<br>Out of digital signal area  | Check terrestrial lead<br>Check terrestrial<br>Check with dealer  |
| Scrambled channel message  | Channel is scrambled  | Select alternative channel  |
| No response to remote control  | Receiver off<br>Handset not aimed correctly<br>Front panel obstructed<br>Hand set batteries exhausted   | Plug in and turn on plug<br>Aim handset at front panel<br>Check for obstructions<br>Replace handset batteries                   |
| Forgotten channel lock code  |   | Look at your notice below.<br>If you didn't notice it, please contact help line   |
| The remote control will not operate your receiver  | (1) The batteries in your remote control need replacing<br>(2) There is an obstruction blocking the signal path between the remote control and the box. | (1) Replace the batteries<br>(2) Check that there is nothing in the way of the path between the remote control and the receiver |
| After moving the receiver to another room you find you are no longer able to receive digital reception | The terrestrial feed former new point may come through a distribution system which may reduce the digital signal now received by the box.               | Try a direct feed from the antenna  |


## A.2 Default PIN-Code

The default Pin code is 0000

If you change it, please note the new Pin Code here:

.....

### A.3 Environmental Conditions

| Environmental Issues  |   |
|---|---|
| <p><b>STRONG is committed to reducing the impact of its products on the environment. To maximise the benefits of our design enhancements, your co-operation is required.</b></p>  |   |
| <p><b>Electronic product recycling</b><br/>Do not dispose of this product with your domestic rubbish.</p> <p>At the end of its useful life, this product contains materials which when processed correctly can be recovered and recycled. By participating in the responsible recycling of this product you will be reducing the requirement for new raw materials and reducing the amount of material that would otherwise end up in landfill.</p> <p>When you purchase a new, similar product your retailer may offer to take this old one off you. Alternatively, you can take it to your local recycling centre. Your retailer or local municipal authority will advise you of the collection facilities available for waste electronically products in your area. User of this service will be free to you.</p> <p>Within the scope of the European legislation on Waste Electrical and Electronic Equipment (Directive 2002/96/EC valid as of August 2005) STRONG provides a recycling system free of charge for consumers to returning products after end of life. For more information about STRONG's environmental policy to you:</p> <p><b>www.strong.tv</b> - select "About us" and "Environmental Policy" from the submenu.</p> | <div style="text-align: center;">  </div> <p><b>Packaging</b><br/>When disposing of this product packaging, please ensure that it is recycled. Packaging material is to be depolluted in waste separation.</p> <p><b>Power Saving</b><br/>To save power and money, please put the product into standby mode when not in use. We also recommend disconnection from mains supply when not in use for longer periods of time.</p> <p><b>Batteries</b><br/>Do not dispose of the batteries from your handset with your domestic waste.</p> <p>Where they are available, participate in your local municipal or retailer collection schemes for spent batteries. Batteries discarded in landfill sites or incinerated increases the chances of pollutants being dispersed into the atmosphere.</p> <p>Alternations reserved 01/2008</p> |

