STRONG

SRT *5392*

Digital Terrestrial Television Receiver

and Personal Video Recorder

USER'S MANUAL

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK PANEL)

NO USER SERVICEABLE PARTS INSIDE

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

This symbol is intended to alert the user to the presence of insulated 'dangerous voltage' within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock

This symbol is intended to alert the user to the presence of important operating and maintenance instructions accompanying this product.

Important Safety Instructions

- Connection can only be to a 240V AC mains supply.

- All safety and operating instructions should be read before the product is operated.

- All warnings on the product and in this user's manual should be adhered to.

- Earthing: The antenna cable must be earthed.

- Do not use attachments not recommended by the product manufacturer as they may cause hazards or damage to the equipment.

- Do not overload adaptors, wall sockets or extension cables as this can result in unit failure or electrical shock.

- For cleaning, use only a dry or lightly dampened cloth. Do not use liquid cleaners or aerosol cleaning products.

- Servicing can only be performed by qualified service personnel.

- Do not place this product in an unstable position.

Overview

Thank you for purchasing this Strong Digital Terrestrial Television Receiver and Personal Video Recorder.

With the new SRT 5392, you can enjoy the convenience of receiving digital terrestrial broadcasts and digitally recording programs on a built-in hard disk. You can record two programs at the same time through instant or timer recording.

The simple connection and easy operation, user-friendly on-screen display (OSD), highest quality audio output with Dolby AC-3 Digital Audio, and the multi-channel screen feature are all designed to enrich your entertainment experience. The SRT 5392 also provides an enhanced Electronic Program Guide (EPG), numerous utilities, and channel-change effect modes.

This product has been manufactured in accordance with strict quality control procedures and is fully compliant with Australian specifications.

- For a complete list of all of our digital terrestrial television receivers and satellite receivers, please go to our website: **www.strong-technologies.com**
- For general enquiries, please email us at **tech2@strong-technologies.com**
- For technical assistance, please call our Technical Support Help Line on **1800 820 030**

Main Features

- Twin Tuner
- 250GB Hard Drive
- 120 Hour Recording Capability
- Simultaneous 4-Channel Recording and 1-Channel Playback
- Time Shift
- Timer Recording
- Recorded File Playback and Editing
- Powerful Functions for Channel Editing (Lock, Delete, Move, Rename Channel & Favourite Groups)
- Picture in Picture
- USB 2.0 Interface
- MP3 Audio Playback
- Component Video (Y / Pb / Pr) Cinch Connector
- Super Video: 4-Pin Mini Din
- Composite Video (CVBS) Cinch Connector
- Digital Audio Optical & Coaxial Outputs
- Favourite Channel List
- Separate TV/Radio/All List & Favourite Group List

- EPG: Electronic Program Guide
- Auto Search & Manual Search Function
- Parental Lock Function (Install Lock/Menu Lock/ IRD Lock)
- Picture Zoom Function
- Multi-Picture Screen (Mosaic)
- Teletext and Subtitles
- Ergonomic Full Function Remote Control
- 12 OSD Languages and 256 Colour OSD Menu
- Cooling System (fan)
- RS-232 Port for S/W Upgrade
- Software Transfer from Receiver to Receiver
- Games: Tetris, Block Out and Sokoban
- Utilities: Calendar, Calculator
- MPEG-2 / DVB(Digital Video Broadcasting) Compliant
- Power Supply Voltage (AC100–240, 50–60Hz)
- Dimensions: 370mm × 270mm × 60mm (W × D × H)

Contents

Package Contents

The following accessories have been supplied with your SRT 5392. If any were not supplied, contact the retailer from whom you purchased the unit.

User's manual : 1

Remote control : 1

Batteries (AA type) : 2
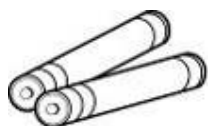
CVBS Composite Video and Audio Cable (yellow, white, red) : 1
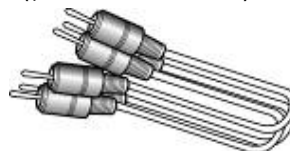
Y / Pb / Pr Component Cable (blue, red, green) : 1
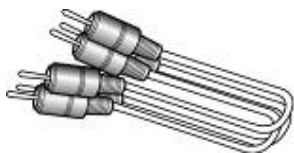
Audio Cable–RCA (white, red) : 1
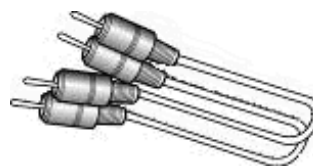
USB cable : 1

Loop through cable : 1

Controls and Indicators

Front panel
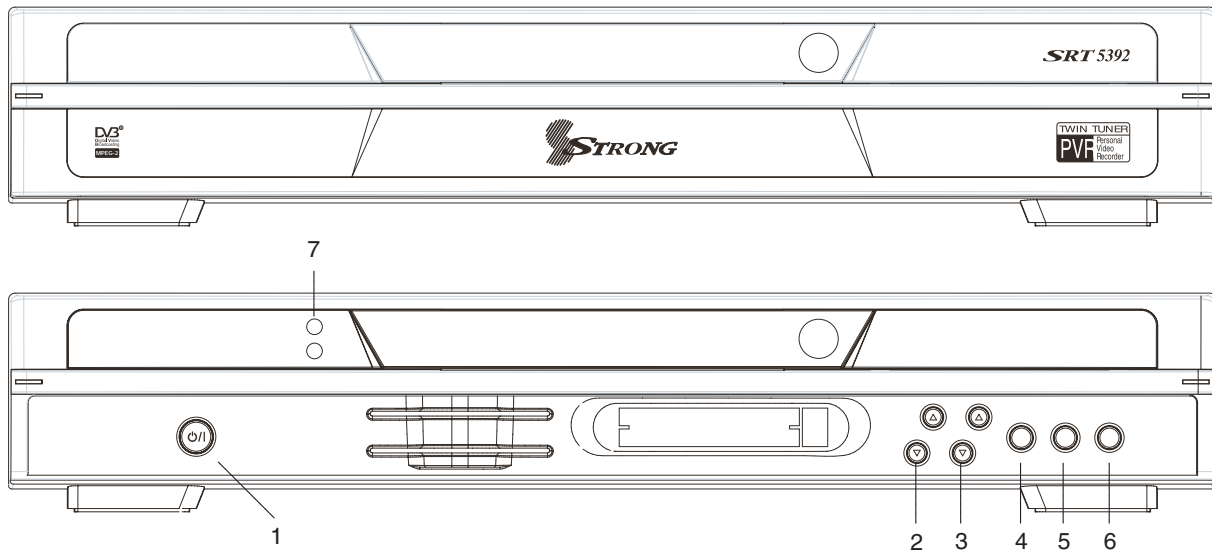
1	•	Switch the receiver between standby mode and power-on mode.
2	•	Select the next or previous channel (or station).
3	•	Increases or decreases the volume level, or
	•	Change the value of an item in a menu.
4	•	Select a menu or confirm a menu choice, or
	•	Display the channel list while watching a program.
5	•	Display the menu.
6	•	Exit from the current menu, or
	•	Cancel a selection in a menu.
7	•	**STANDBY** LED: Red indicates that the SRT 5392 is in standby mode. This light is off when the unit is in operation.
	•	**LOCK** LED: Green indicates that the channel has been successfully detected (that is, *locked onto*).

Rear panel
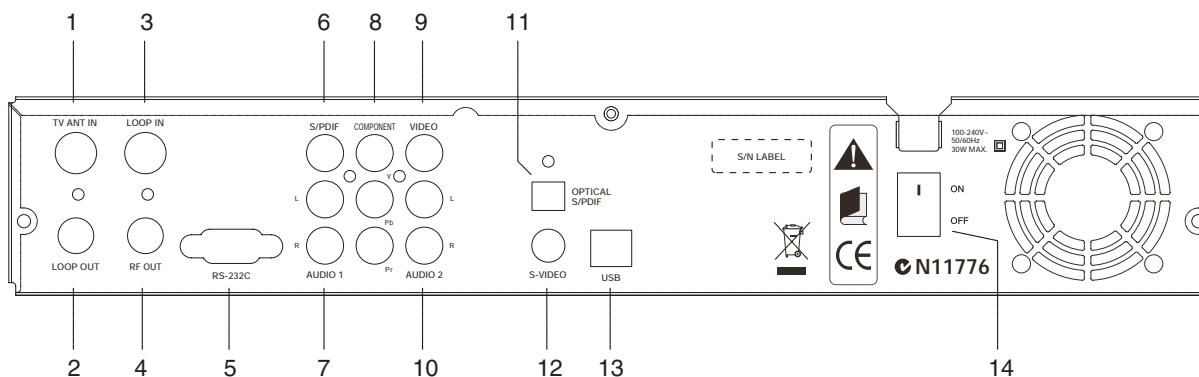
No.	Name	Connector	Function
1	TV ANT IN	IEC 169-2 female	Input from terrestrial antenna
2	LOOP OUT	IEC 169-2 male	Connection from LOOP OUT to LOOP IN for activating the second tuner
3	LOOP IN	IEC 169-2 female	Connection from LOOP IN to LOOP OUT for activating the second tuner
4	RF OUT	IEC 169-2 male	For distributing the antenna signal to another device (such as another set-top box, VCR or TV)
5	RS-232C	DB-9	Serial port for connecting to a PC for software upgrades
6	S/PDIF	RCA cinch (black)	Digital audio output via coaxial cable
7	Audio 1	RCA cinch: • Red: right audio • White: left audio	Standard audio left and right (for use with Component or S-Video)
8	Component	RCA cinch (green / blue / red)	Component video connection (Y / PB / Pr)
9	Video	RCA cinch (yellow)	Composite video connection
10	Audio 2	RCA cinch: • Red: right audio • White: left audio	Standard audio left & right (for use with Composite Video)
11	Optical S/PDIF	TOS-LINK	Digital audio output via Optical
12	S-Video	Mini-DIN	S-VHS video output
13	USB	USB	USB 2.0. Connect to your PC to transfer MP3 files and video files
14	POWER	–	To turn the unit on or off

Remote Control
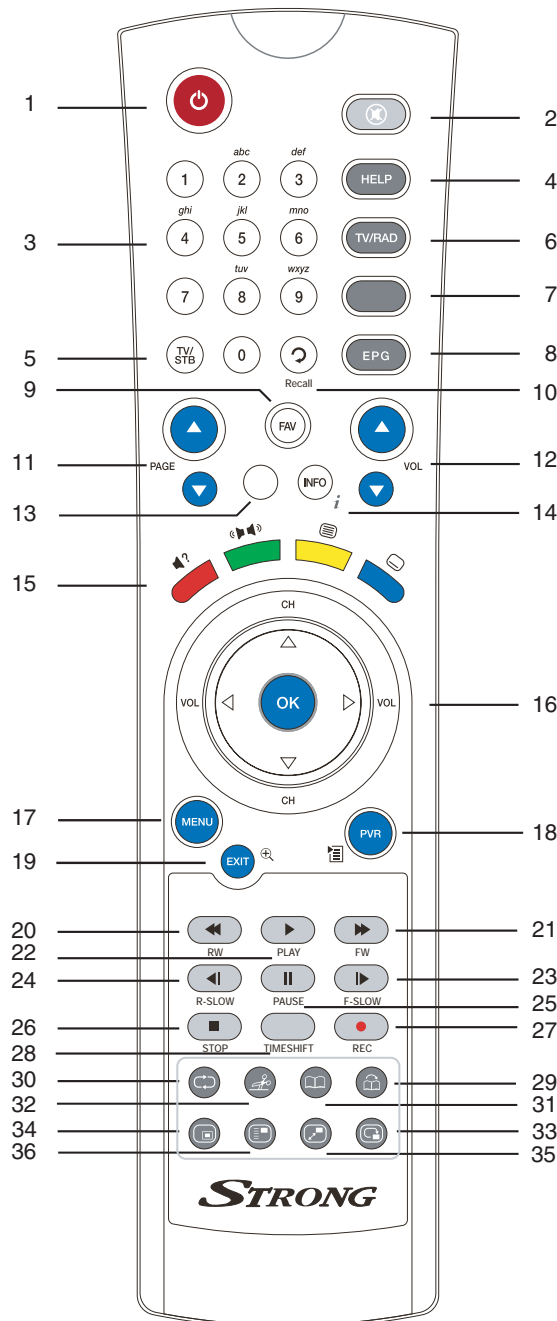
1. **Standby:** To switch between power-on and standby modes

2. **Mute:** To turn the sound on or off

3. **Number Keys (0–9):** To choose a channel directly, or to enter numeric information in a menu

4. **HELP:** To display a menu of buttons relevant to the current menu

5. **TV/STB:** To switch between TV and the SRT 5392 (and vice versa)

6. **TV/RAD:** To switch between TV and radio (and vice versa)

7. Has no function with this model

8. **EPG (Electronic Program Guide):** To show the TV and radio program guide

9. **FAV**: To create favourites lists

10. **RECALL:** To return to the previous channel

11. **PAGE:** To quickly scroll through lists and information

12. **VOL:** To change the volume

13. Has no function with this model

14. **INFO:** To display information about a channel and program

15. **OK:** To display the channel list, or accept an option in a menu

16. **VOL (◄ / ►):** To change the volume in viewing mode, or to change an option or setting in a menu
   CH (▲/▼): To change channels in viewing mode, or to move the cursor up or down in a menu

17. MENU: To display the main menu, or return to a previous menu

18. PVR: To choose files to play back

19. EXIT or **ZOOM** To close the current menu, or zoom in or out

20. RW: To quickly rewind a file, or timeshift backwards

21. FW: To quickly move forward in a file, or timeshift forwards

22. PLAY: To start playback, or display the progress bar

23. F. SLOW: To playback in slow motion

24. R. SLOW: To reverse play in slow motion

25. PAUSE: To pause playback

26. STOP: To stop playback or recording

27. REC: To begin recording

28. TIMESHIFT: To enable or disable timeshift functionality

29. To jump to the next bookmark

30. To select a section for continuous playback

31. To set a bookmark

32. To cut a section from a recorded file

33. To move the picture in a picture

34. To display a picture in a picture

35. To swap between the main picture and the picture in a picture

36. To show the picture-in-a-picture channels

Installing the batteries in the remote control

1. Press down on the retaining catch on the lid of the battery recess on the remote control and remove the lid.

2. Insert two AA batteries into the recess.

   Be careful to insert the batteries as shown in the diagram inside the recess.

3. Replace the lid over the recess and gently push down on the lid until it snaps firmly into place.

How to Connect

There are a number of alternative methods for connecting the SRT 5392, depending on your preference and the connection types on your TV. These methods are labelled A, B and C below. (Connection D, connecting to an antenna, is mandatory for all connection methods.)

TIP: The various video connection options available provide differing degrees of video quality. In ascending order of quality, these connections are **Composite** (good), **S-Video** (better) and **Component** (best).

IMPORTANT: Refer to the diagram on page 9 for the location of the sockets identified by numbers in the methods listed below.

A: Y / Pb / Pr (Component) using the supplied RCA blue–red–green lead
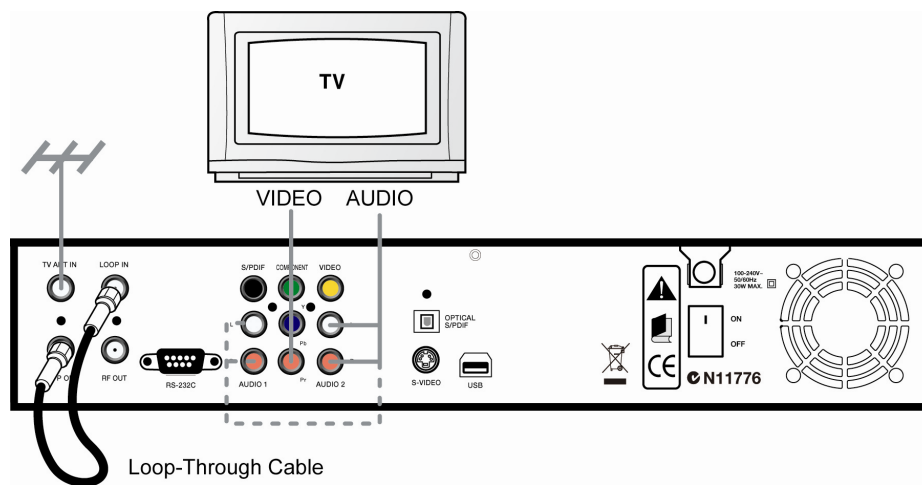
For Component video, connect to your TV with the supplied Y / Pb / Pr Component cable (with blue, red and green leads). Connect the leads between the Y, Pb and Pr sockets on the SRT 5392 (socket group 8, taking care to match the colour of a lead with the colour of the socket), and the corresponding Component sockets on your TV. (The Component sockets on the TV have the same colour-coding.)
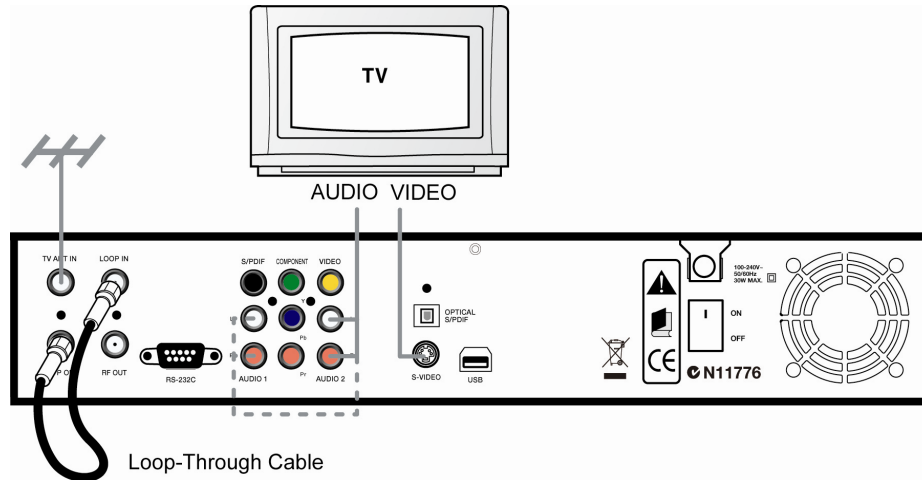
You will need to make separate connections for left and right audio via the audio sockets in socket group 7. This can be done using the supplied RCA cable.

For right audio, connect the red RCA lead between the red audio socket on the SRT 5392 and the corresponding socket on your TV.

For left audio, connect the white RCA lead between the white socket on the SRT 5392 and the corresponding socket on your TV. These RCA audio connections will provide MPEG-2 stereo.

NOTE: Dolby digital bitstream audio S/PDIF can be achieved using a coaxial cable or an optical cable. (These cables are not supplied.) These cables should be connected between socket 6 (coaxial cable) or socket 11 (optical cable) on the SRT 5392 and the corresponding S/PDIF socket on your Dolby Digital decoder amplifier. See "Output setting" on page 19 for instructions on how to receive Dolby Digital audio.

B. Separate S-Video (Y/C) connector

Loop-Through Cable

If your TV has a 4-pin mini-din S-Video socket, you can connect an S-Video cable between socket 12 on the SRT 5392 and the corresponding S-Video socket on your TV. (An S-Video cable is not supplied.)

You will need to make separate connections for left and right audio via the audio sockets in socket set 10 on the rear of the SRT 5302. This can be done using the supplied RCA cable.

For right audio, connect the red RCA lead between the red audio socket on the SRT 5392 and the corresponding socket on your TV.

For left audio, connect the white RCA lead between the white socket on the SRT 5392 and the corresponding socket on your TV. These RCA audio connections will provide MPEG-2 stereo.

NOTE: Dolby digital bitstream audio S/PDIF can be achieved using a coaxial cable or an optical cable. (These cables are not supplied.) These cables should be connected between socket 6 (coaxial cable) or socket 11 (optical cable) on the SRT 5392 and the corresponding S/PDIF socket on your Dolby Digital decoder amplifier. See "Output setting" on page 19 for instructions on how to receive Dolby Digital audio.

C: CVBS (Composite) using the supplied RCA red–white–yellow lead

Loop-Through Cable
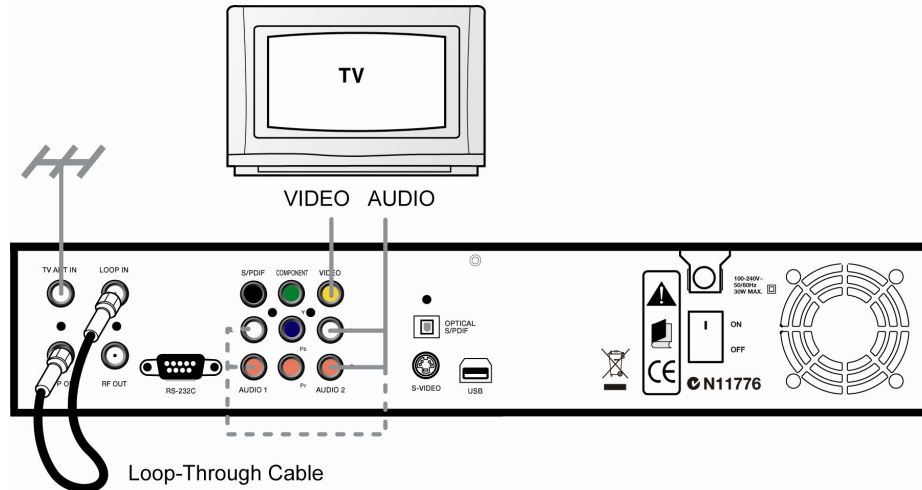
Using the appropriate socket colour-coding in socket groups 9 and 10, you can connect to your TV with the supplied RCA cable. This gives you CVBS (Composite Video) and MPEG-2 stereo audio.

For video, connect the yellow RCA lead between socket 9 on the SRT 5392 and the corresponding socket on your TV.

For right audio, connect the red RCA lead between the red audio socket in socket group 10 on the SRT 5392 and the corresponding socket on your TV.

For left audio, connect the white RCA lead between the white socket in socket group 10 on the SRT 5392 and the corresponding socket on your TV.

NOTE: Dolby digital bitstream audio S/PDIF can be achieved using a coaxial cable or an optical cable. (These cables are not supplied.) These cables should be connected between socket 6 (coaxial cable) or socket 11 (optical cable) on the SRT 5392 and the corresponding S/PDIF socket on your Dolby Digital decoder amplifier. See "Output setting" on page 19 for instructions on how to receive Dolby Digital audio.

D. Connecting the antenna

1. Connect the antenna lead coming from your antenna wall plate to the TV ANT IN socket on the SRT 5392 (socket 1).

2. Connect the loop through cable between the LOOP OUT socket on the SRT 5392 (socket 2) and the LOOP IN socket on the SRT 5392 (socket 3).

Looping Out via RF OUT socket

The RF OUT socket enables the antenna signal to be distributed to another device. You can connect a cable between the RF OUT socket and

- the antenna IN socket of another TV or set-top box, or
- to a recording device (e.g. VCR/DVD) to record directly to that device.

Connecting to a computer using the supplied USB cable

USB Cable

USB Port
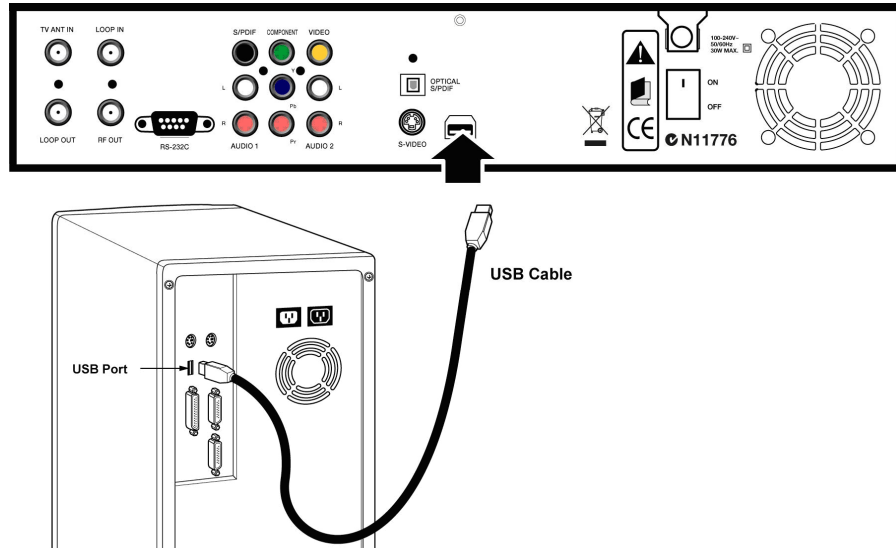
USB connection is provided so that you can transfer MP3 files from a Windows computer to the SRT 5392.
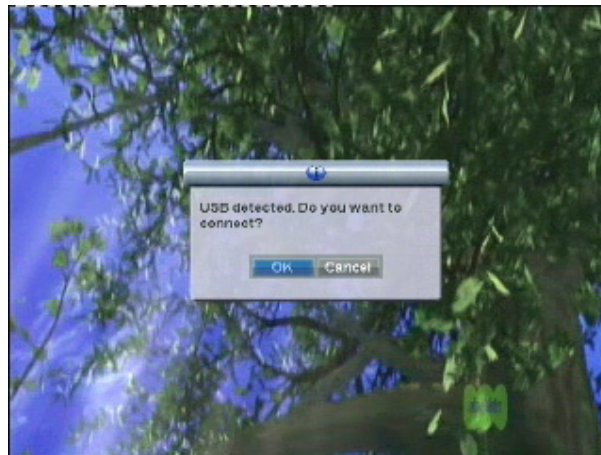
1. Connect the USB cable between socket 13 on the SRT 5392 and the corresponding socket on your computer.

2. A message appears asking you if you want to connect. Press **OK** on the remote control.

3. Open Windows Explorer, locate the item that represents the SRT 5392—it might, for instance, be called "Local Disk (E:)"—and double-click it. A folder called **PVR** appears.

4. Open the PVR folder and then the MP3 sub-folder. This is the folder where you place the MP3 files you want to be able to play on the SRT 5392.
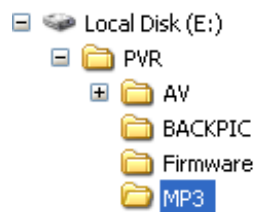
5. Copy your MP3 files to the MP3 folder (using standard copy-and-paste Windows functionality).

6. When you have finished copying files, disconnect the USB cable. When the "Updating TOC" message disappears from the screen, you can play the music files you have copied. See "MP3 playback" on page 46.

Getting Started

First time set-up

Once you have connected the SRT 5392 to your antenna and to your television with your preferred video and audio connections, you need to:

1. Install the batteries in the remote control (see page 11).

2. Turn on the television.

3. Plug the SRT 5392 into mains power and turn on the power at the mains switch.

4. Turn on the SRT 5392 using the power-on switch on the back of the receiver (number 9 in the diagram on page 9).

5. Select the video or AV input channel to which the SRT 5392 is connected: this can be done by pressing the TV/AV or VIDEO button on your TV remote control. (Refer to your TV user's manual for instructions.)

   The Strong Technologies banner page briefly appears, followed by the **Language Setting** screen.

When setting up the SRT 5392 for the first time, the system will automatically guide you through the set-up process. You only have to perform this process once. If you have already set-up the SRT 5392 and would like to make changes to your existing set-up preferences, you can edit them from the **Setup** screen on the main menu.

To set-up the receiver for the first time, you need to:

- set the language
- set the time
- set the video output
- scan for channels and stations in your area.

TIP: Throughout the set-up process, there will be on-screen instructions located at the bottom of the screen that indicate what options are available and which buttons to press. Use this to help you through the set-up.

Language settings

The **Language Setting** screen is the first screen to appear after you turn the receiver on for the first time. This screen allows you to set the menu language, audio language, subtitle language and teletext language. It also sets the default language.
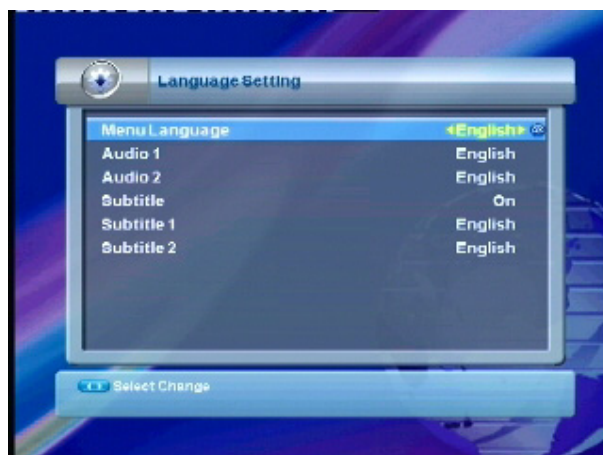
1. In the **Language Setting** screen, press **CH ▼** or **CH ▲** to highlight the option you want to set.

2. For each option, press **VOL ◄** or **VOL ►** to scroll through the available values. You can also press **OK** to see a list of available values.

3. Follow the on-screen help to make whatever changes are necessary.

    Menu language: Sets the language used for the on-screen display (OSD) such as instructions on the screen.

    Audio: Sets the language for the audio channels (maximum of two languages can be set).

    Subtitle: Sets the language for subtitles (maximum of two languages can be set).

4. Press the red button on the remote control (in button group 15 on page 10) to save the language settings and move to the **Time Setting** screen.

NOTE: The subtitle language or audio language you choose will only have effect if the broadcaster you have tuned into is broadcasting subtitles and audio in that language.

Time setting

The **Time Setting** options allow you to set the time for the SRT 5392. There are two time-setting modes:

- *Time Zone*

    This option will let the system determine the time based on the GMT offset you set. During daylight saving, you will not need to adjust the time. It will automatically be adjusted.

- *Local System*

    This option allows you to set the date and time manually. During daylight saving, you will need to manually adjust the time.

1. If **Time Mode** is not highlighted, press **CH ▼** or **CH ▲** on the remote control until it is.

2. Press **VOL ◄** or **VOL ►** to select **Local System** or **Time Zone**.

3. If you select **Time Zone**, click **CH ▼** to highlight the **Time Zone** option. Press **VOL ◄** or **VOL ►** to select the state in which you live in. Now go to step 5 below.

4. If you select **Local System**, click **CH ▼** to highlight the **Current Time** option. Now press **VOL ◄** or **VOL ►** to move from digit to digit. The active digit will appear with an underline. Using the number keys on the remote control, enter the correct number for this digit. Continue until you have set all the digits for the date and time.

   NOTE: The date and time formats are DD/MM/YYYY and HH/MM (24-hour format) respectively.

5. Press the red button on the remote control to save the time settings and move onto the **Output Setting** screen.

6. A message appears asking if you want to save your settings. Press **OK** to save your settings.

Output setting

The **Output Settings** options allow you to set your video and display preferences. You can set:

- Video output (YUV/Component video, RGB, CVBS/Composite video). The selection you make here should match the method you have used for connecting the SRT 5392 to your TV.
- TV screen mode (4:3 Letterbox, 16:9 or 4:3)
- SPDIF Output ((Enable, Disable). Enable this option if you are routing audio through a Dolby Digital decoder amplifier.

- TV type (AUTO, PAL, NTSC). Select AUTO and the SRT 5392 will determine the correct setting for you.
- Channel Change Option (Freeze, Blank, Fade In/Out). This option determines how the screen transitions from one channel to the next.
- Booster: (0V, 5V). Choose 5V if you have a reception booster attached to your antenna that does not have its own power supply. (Most boosters already have a power supply.)
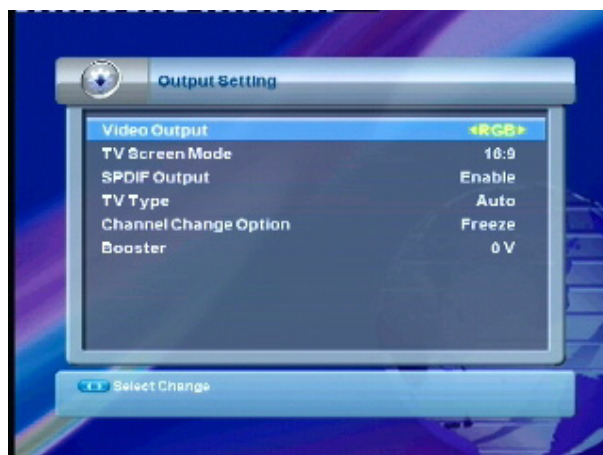
1. In the **Output Setting** screen, press **CH ▼** or **CH ▲** to highlight the option you want to change.

2. Press **VOL ◄** or **VOL ►** to select the value you want for the selected option.

3. Repeat from step 1 for each option you want to change.

4. Press the red button on the remote control.

5. A message appears asking if you want to save your settings. Press **OK** to save your settings. The **Automatic Search** screen now appears.

Automatic search

The **Automatic Search** option enables you to automatically search for and detect digital TV channels and radio stations within your area. Once detected, the stations can be easily selected from the remote control (or by pressing the channel keys on the front panel of the SRT 5392; see the diagram on page 8). The **Automatic Search** option is the default option when you first set up the SRT 5392.
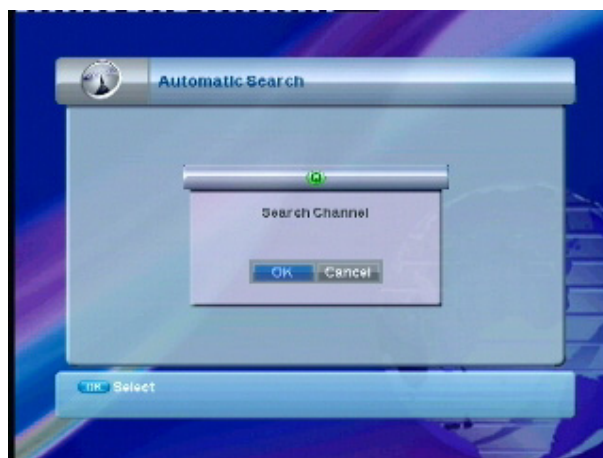
1. With the **Automatic Search** screen displayed and the **OK** button highlighted, press **OK** on the remote control.

    The SRT 5392 scans for channels and stations. As it finds them, it displays them (grouped by broadcaster).
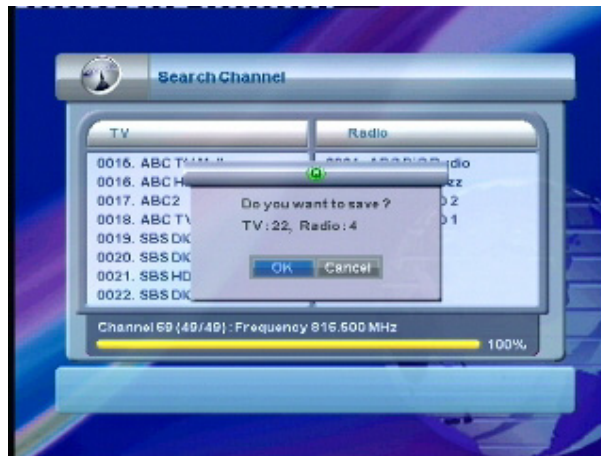
2. When the scanning is complete, you will be prompted to save the channels and stations detected. Press **OK** on the remote control.

3. Once you save the channels, you have completed all the necessary steps required to set up the SRT 5392 so that it can display and receive data. The final step in the set-up process is to close the menu. Press **MENU** on the remote control.

   The SRT 5392 is now ready to use.

Basic Operation

Selecting a channel

There are a number of ways to select a channel:

- **Channel number selection buttons**: If you know the channel number, enter the number using the number keys on the remote control and then press **OK**. (If you don't press **OK**, the channel selected still appears, but only after 2 seconds.)

NOTE: The SRT 5392 uses the Logical Channel Numbering system (LCN) by default. Some samples of LCN channel numbers are:

    1 = Ten network and affiliates

    2 = ABC

    3 = SBS

    7 = Seven network and affiliates

    9 = Nine network and affiliates

- **Channel list:** Press **OK** on the remote control. This displays the channel list. Press **CH ▼** or **CH ▲** on the remote control to select the channel you want and then press **OK**.

You can also choose to display multiple channels from the channel list and then select one for normal viewing (as explained in "Multi-Picture mode" on page 27).

- **Scroll:** Press **CH ▼** or **CH ▲** on the remote control to scroll through the channels in channel number order. (You can also scroll through the channels in order by pressing the channel up and channel down buttons on the front panel of the SRT 5392.)

- **By EPG:** Press **EPG** on the remote control, select the channel from the electronic program guide (EPG), press **OK** and then **EPG**, **MENU** or **EXIT**. The EPG is explained on page 35.

- **Previous channel:** Press the **RECALL** button to display the previous channel.

TIP: You can use the same techniques to select a digital radio station.

Adjusting the volume

While you are watching a program, press **VOL ◄** or **VOL ►** (or **VOL ▼** or **VOL▲**) on the remote control to decrease or increase the volume respectively. The audio and volume meter appears in the top right corner of the screen.

← Audio and volume meter

Turning off the sound (muting)

To turn off the sound altogether, press the **MUTE** button on the remote control. The mute icon is displayed on the screen. Press the **MUTE** button again to restore the sound (or press **VOL ◄** or **VOL ►**).

Selecting the audio channel

You can select the audio channel so that the output is left, right or stereo (both). Press the green button to toggle between the audio channels. The speaker icons in the audio and volume meter at the top right corner of the screen (see picture above) indicate which audio channels are selected.

- **Right audio channel**: right speaker icon highlighted
- **Left audio channel**: left speaker icon highlighted
- **Both audio channels**: both speaker icons highlighted

Switching between TV and radio

To switch between TV and radio mode:

1. Press **TV/RAD** on the remote control to switch between TV channels and radio stations (or vice versa).

2. Press **CH ▼** or **CH ▲** to select the station. (You can also press **OK** to see a menu of all radio stations. Again, press **CH ▼** or **CH ▲** to select the station you want to hear and then press **OK**.)
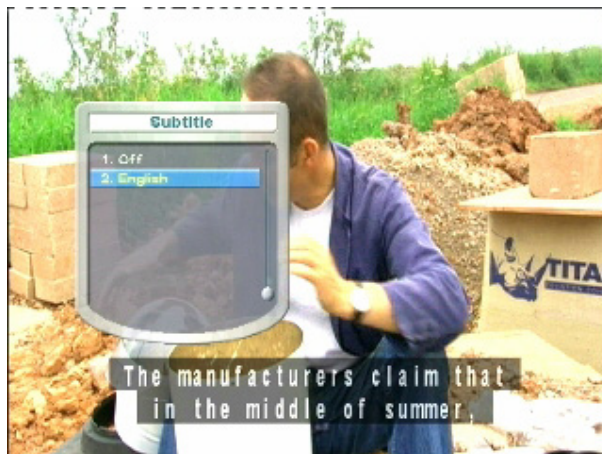
Pausing the screen

You can pause what you are watching, thereby freezing the screen.

1. Press ⏸ to freeze the display.
2. Press ⏸ again to resume normal viewing.

Subtitle language

If a channel is being broadcast in more than one subtitle language, you can choose which subtitle language will be displayed.

1. Press the blue button on the remote control. The **Subtitle** menu appears.

2. Select your preferred subtitle language from the list by pressing the **CH ▼** or **CH ▲** buttons on the remote control. (To turn off subtitles, choose **Off**.)
3. Press **OK**. The subtitles will be displayed at the bottom of the screen.

Audio language

If a channel is being broadcast in more than one audio language, you can choose which language to listen to.

1. Press the red button on the remote control to display the **Audio Language** menu.

2. Press **CH ▼** or **CH ▲** to highlight your preferred language.

3. Press **OK** to select the language you have chosen. The audio language will change immediately.

Managing channels

Scanning for channels and stations

The **Search Channel** option on the main menu enables you to scan for digital TV and radio stations that can be detected in your area. Once detected, the stations can be easily selected from the remote control or by pressing the channel keys on the front panel of the SRT 5392 (see the diagram on page 8).

When you initially set-up the SRT 5392, the channels and stations in your area were automatically detected (see "First time set-up" on page 17). If you have moved locations, deleted channels or stations, or if new channels and stations have become available, you will need to search for channels and stations again. Two searching options are available:

- **Automatic Search**

  This is the recommended option when you are first setting up the SRT 5392. It will automatically search for all digital TV and radio stations that can be detected and stores their details.

- **Manual Search**

  This option lets you search for a particular channel (or all channels from a specified broadcaster).

Automatic Searching

1. Press **MENU** on the remote control.

2. If necessary, press **VOL ◄** or **VOL ►** to display the **Search Channel** menu.

3. With **Automatic Search** highlighted, press **OK**.

4. A confirmation message appears. Press **OK** again.

   The SRT 5392 scans for channels and stations. As it finds them, it displays them (grouped by

broadcaster). When scanning is complete, the **Main Menu** re-appears. One of the TV channels detected will appear on the menu screen. When the scanning is complete, you will be prompted to save the channels.

5.   When prompted, press **OK** to save the channels and stations detected.

6.   Press **MENU** to return to normal viewing.

Manual Searching

NOTE: Automatic searching (described above) is suitable in most cases. You might use manual searching if you have deleted a channel and now want to access it again. In this case, you would just search for that particular channel.

---

1.   Press **MENU** on the remote control.

2.   If necessary, press **VOL ◄** or **VOL►** to display the **Search Channel** menu.

3.   Press **CH ▼** or **CH ▲** to highlight **Manual Search** and press **OK**.

The **Manual Search** screen appears. All the channels the SRT 5392 can detect are listed in the **Channels** list.
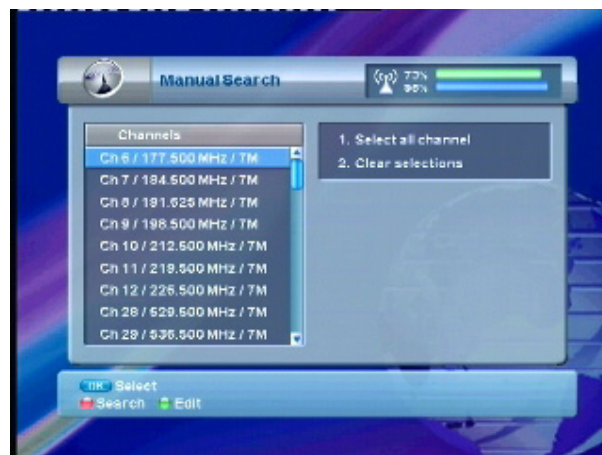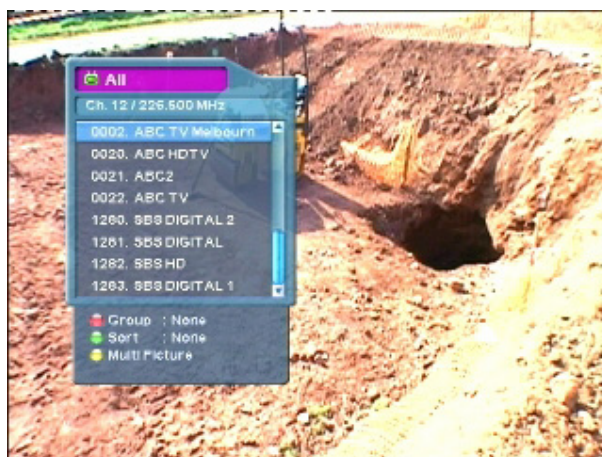

4.   Press **CH ▼** or **CH ▲** to highlight a channel you want to search for and then press **OK**. Repeat this for every channel you want to search for. A tick appears beside each channel you select.

  •   To select all the channels listed, press **VOL ◄** or **VOL►**, highlight **Select all channels** and press **OK**.

  •   To deselect a selection, highlight it again and press **OK**. The tick beside it is deleted.

  •   To deselect all selections, press **VOL ◄** or **VOL►**, highlight **Clear selections** and press **OK**.

5.   To begin the search, press the red button on the remote control.

If the channel can be found, the details are shown on the screen and can be saved by pressing **OK**.

6.   Press **MENU** to return or **EXIT** to return to normal viewing.

Displaying the channel list

The channel list is a list of all the available channels.

1. To display the selected channel list, press the **OK** button.

2. Press **CH ▼** or **CH ▲** to highlight the channel you want and then press **OK**.

TIP: You can change the list from TV channels to radio stations, and vice versa, by pressing **TV/RAD**.

Sorting the channel list

You can sort the channel list to display the channels either in groups or in alphabetical order.

1. Press the **OK** button to display the channel list,

2. To sort the channel list by alphabetical order, press the green button on the remote control. (To re-sort the channels in number order, press the green button again.)

   NOTE 1: To quickly find a channel in an alphabetically sorted channel list, press the number button on the remote control that corresponds to the first letter of the channel name. For example, press the 2 button (also labelled **abc**) to see channels beginning with 'a'; press 8 (**t,u,v**) to see channels beginning with 't' etc.

   NOTE 2: The red button on the remote control has no functionality when the channel list is displayed.

3. Press **MENU** or **EXIT** to close the channel list without making a selection.

TIP: Press the **VOL ◄** or **VOL ►** (or **PAGE ▼** or **PAGE ▲**) to quickly jump to the next (or previous) page of listings.

Multi-Picture mode

You can display more than one channel at a time. The channels are displayed in channel number order starting from a selected channel.

1. Press the **OK** button to display the channel list.

2. Press **CH ▼** or **CH ▲** to highlight the first channel in the set of channels you want to display.

3. Press the yellow button in the remote control. The **Multi Picture** menu appears.

4. Press **CH ▼** or **CH ▲** to highlight the number of channels you want to display simultaneously and press **OK**.

   The screen is tiled to fit the number of channels you selected (four in the example below).

5. To select a channel for normal viewing, press **VOL ◄** or **VOL ►** or **CH ▼** or **CH ▲** to highlight the channel and then pres **OK** or **MENU**.

6. To return to the channel list without making a selection, press **EXIT**.

Editing channels

The **Edit** option on the main menu enables you to:

- lock, delete, move and rename channels
- create up to four lists (or groups) of favourite channels.

Locking channels

Locking a channel prevents a channel from being viewed unless you have the parent lock password to unlock it.

NOTE: You can also lock radio stations and recorded files.

1. Press **MENU** to display the main menu.

2. Use **VOL ◄** or **VOL ►** to select **Edit**.

3. In the **Edit** screen, highlight **Edit Channel** and then press **OK**.

    A list of your TV channels appears.
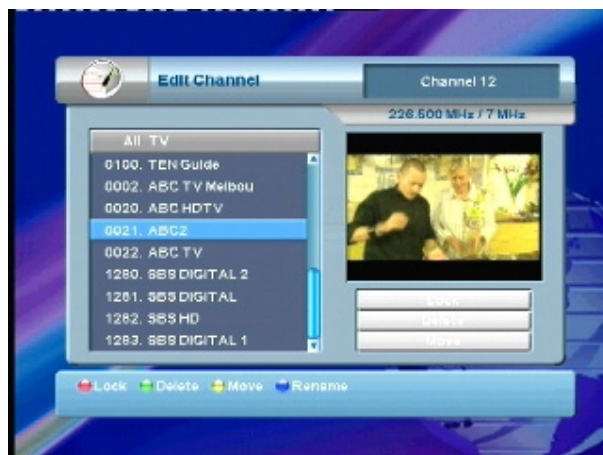
4. If you want to lock (or unlock) radio stations rather than TV channels, press **TV/RAD** on the remote control. A list of radio stations appears. Pressing **TV/RAD** again redisplays the TV channels.

5. Press **CH ▼** or **CH ▲** until a channel or station you want to lock (or unlock) is highlighted.

6. Press the red button on the remote control to lock (or unlock) the highlighted channel or station.

   An icon of a padlock appears beside the channel or station name to indicate that it is locked. (If you are unlocking a locked channel or station, the padlock icon disappears.)

7. Repeat from step 5 for each channel or station you want to lock (or unlock).

8. Press **MENU** or **EXIT.** A confirmation message appears asking you to confirm the changes you have made.

9. Press **OK** to save the changes.

When you select a locked channel or station, the password screen appears. Enter the 4-digit password using the number buttons on the remote control.

NOTE: The default password is 0000.

Deleting channels

You can delete channels that you are unlikely to watch. If you want to re-instate a channel that you have deleted, you will need to rescan for it. See "Scanning for channels and stations" on 25 for instructions.

NOTE: You can also delete radio stations.

1. Press **MENU** to display the main menu.

2. Press **VOL ◄** or **VOL ►** to select **Edit**.

3. In the **Edit** screen, highlight **Edit Channel** and then press **OK**.

   A list of your TV channels appears.

4. If you want to delete a radio station rather than a TV channel, press **TV/RAD** on the remote control. A list of radio stations appears. Pressing **TV/RAD** again redisplays the TV channels.

5. Use **CH ▼** or **CH ▲** until the channel or station you want to delete is highlighted.

6. Press the green button on the remote control to mark the channel for deletion.

   A tick icon appears beside the channel or station name to indicate that it has been selected for deletion. If you have accidentally marked a channel or station for deletion, deselect it by pressing **OK** again. The tick beside that channel or station will disappear.

7. If you want to select another channel or station for deletion, repeat from step 5.

8. Press **MENU** or **EXIT.** A confirmation message appears asking you to confirm the changes you have made.

9. Press **OK** to save the changes.

Re-arranging channels

You can re-arrange channels so that they are arranged in an order of your choosing.

1. Press **MENU** to display the main menu.

2. Press **VOL ◄** or **VOL ▶** to select **Edit**.

3. In the **Edit** screen, highlight **Edit Channel** and then press **OK**.

   A list of your TV channels appears.

4. If you want to move a radio station rather than a TV channel, press **TV/RAD** on the remote control. A list of radio stations appears. Pressing **TV/RAD** again redisplays the TV channels.

5. Press **CH ▼** or **CH ▲** until the channel or station you want to move is highlighted.

6. Press the yellow button on the remote control.

   This will enable you to move the channel.

7. Use **CH ▼** or **CH ▲** to move the highlighted channel to your preferred position and then press **OK**.

8. If you want to move another channel or station, repeat from step 5.

9. Press **MENU** or **EXIT.** A confirmation message appears asking you to confirm the changes you have made.

10. Press **OK** to save the changes.

Renaming channels

1. Press **MENU** to display the main menu.

2. Press **VOL ◄** or **VOL ▶** to select **Edit**.

3. In the **Edit** screen, highlight **Edit Channel** and then press **OK**.

   A list of your TV channels appears.

4. If you want to rename a radio station rather than a TV channel, press **TV/RAD** on the remote control. A list of radio stations appears. Pressing **TV/RAD** again redisplays the TV channels.

5. Press **CH ▼** or **CH ▲** until the channel or station you want to rename is highlighted.

6. Press the blue button on the remote control.

   An on-screen keypad appears. It is in two parts: the title bar (showing the current name of the channel) located at the top, and the keypad (showing all the characters you can select) is located below the title bar.

7. Press **VOL ◄**, **VOL ▶**, **CH ▼** or **CH ▲** to move around the on-screen keypad. The active character will be highlighted. Press **OK** to select that character. Continue to select characters

until you have selected all the characters to form the new name.

**NOTE:** If you select the wrong character, press the green button to erase the last character.

8. When you have finished selecting all the required characters, press **EXIT** to return to the **Edit channel** screen. The new name you have created will be displayed in the channel list.

9. If you want to rename another channel or station, repeat from step 5.

10. Press **MENU** or **EXIT**. A confirmation message appears asking you to confirm the changes you have made.

11. Press **OK** to save the changes.

Setting passwords

You can restrict access to the SRT 5392 by specifying that a password must be entered in order to see or do certain things. You can, for instance, restrict access to menus, access to channels, access to the receiver, and access to programs of particular classifications.

To restrict access:

1. Press **MENU** to display the main menu.

2. Press **VOL ◄** or **VOL ▶** to select **Setup**.

3. Press **CH ▼** or **CH ▲** until **Lock Control** is highlighted. and then press **OK**. The **Lock Control** window appears.
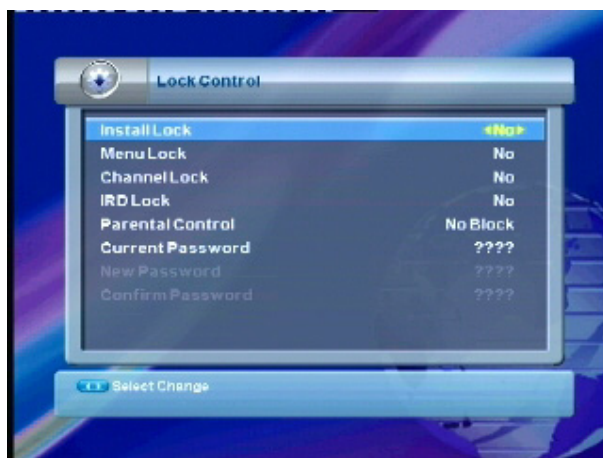
4. To restrict access to the SRT 5392 for installation tasks (such as software upgrades), select **Install Lock** and press **VOL ◄** or **VOL ▶** until **Yes** is highlighted.

5. To restrict access to the menus, select **Menu Lock** and press **VOL ◄** or **VOL ▶** until **Yes** is highlighted.

6. To enable channels to be locked, select **Channel Lock** and press **VOL ◄** or **VOL ▶** until **Yes** is highlighted.

7. To restrict all access to the SRT 5392, select **IRD Lock** and press **VOL ◄** or **VOL ▶** until **Yes** is highlighted.

8. To restrict access to channels of a particular classification, select **Parental Control** and press **VOL ◄** or **VOL ▶** until the minimum classification that requires a password is highlighted. The options are No Block, Block All, G, PG, M, MA and AV.

9. To set a password for the options you have chosen, you first need to enter the current password. (The default password is **0000**.) Select **Current Password** and enter it using the number keys on the remote control.

10. If you want to set a new password, select **New Password** and enter it using the number keys on the remote control. You will need to re-enter it in the **Confirm Password** field.

11. Press **EXIT** and then **OK** to save your changes.
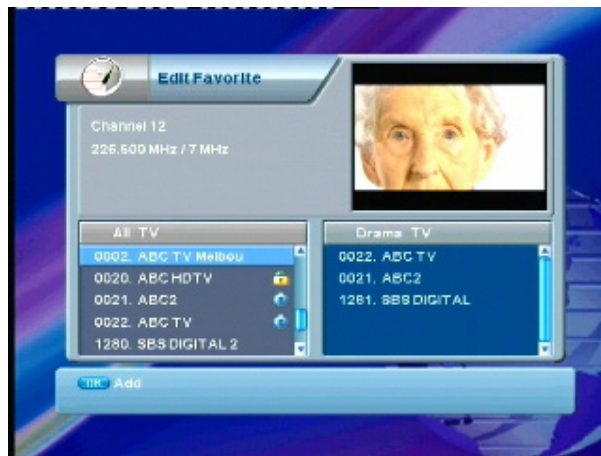

Favourites lists

You can create a favourite list of channels and then select a channel from that list. This makes it easier to choose and switch between channels if there are many channels available in your area.

**NOTE**: You can also add radio stations to a favourites list.

Creating favourites

Follow this procedure to add a channel or station to a favourites list, or to remove it from a favourites list. You can create up to ten favourites lists.

1. Press **MENU** to display the main menu.

2. Press **VOL** ◄ or **VOL** ► to select **Edit**.

3. If **Edit Favorite** is not highlighted, press **CH** ▼ and then press **OK**. The **Edit Favourite** screen appears.

4. Press **FAV** on the remote control. A menu of favourites lists appears. By default, these are named Drama, Education, Fashion, Hobby, Movie, Music, News, Show, Sports and Tour.
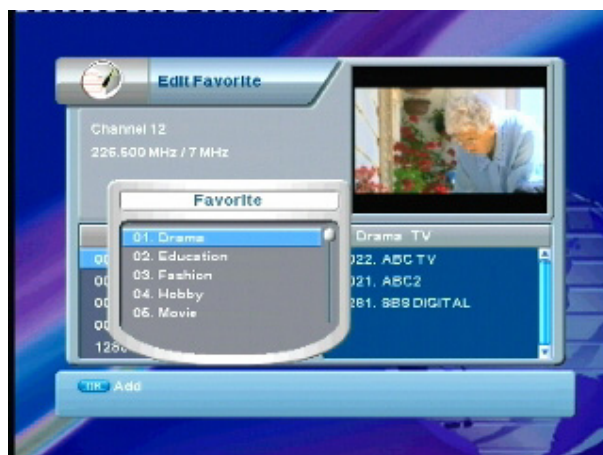
5. Press **CH ▼** or **CH ▲** until the list you want to add channels or stations to is highlighted, and then press **OK**.

    The **Edit Favorite** screen has 2 columns: on the left is a list of all your TV channels and on the right is a list of the channels or stations currently assigned to the selected favourites list.

6. If you want to add a radio station to your favourites list (or remove it), press **TV/RAD** on the remote control. A list of radio stations appears. Pressing **TV/RAD** again redisplays the TV channels.

7. In the **All TV** (or **All Radio**) column, press **CH ▼** or **CH ▲** until the channel or station you want to add to (or remove from) the selected favourites list is highlighted.

8. Press **OK** to add the channel or station to the favourites list (or remove it if it is already on that list).

    NOTE: A channel or station that is already in the favourites list has an icon beside its name. If you are removing a channel or station from your favourites list, the icon disappears.

9. If you want to add (or remove) another channel to (or from) your favourites list, repeat from step 5.

10. Press **MENU** or **EXIT**. A confirmation message appears asking you to confirm the changes you have made.

11. Press **OK** to save the changes.

Editing favourites

You can lock, rename and re-arrange the channels and stations in a favourites list. You can also rename a list.

1. Press **MENU** to display the main menu.

2. Press **VOL ◄** or **VOL ▶** to select **Edit**.

3. If **Edit Favorite** is not highlighted, press **CH ▼** and then press **OK**.

4. Press **FAV** on the remote control. A menu of favourites lists appears.

5. Press **CH ▼** or **CH ▲** until the list you want to edit is highlighted, and then press **OK**.

6. If necessary, press **VOL ▶** to move the cursor to the list of favourites.

7. Press **CH ▼** or **CH ▲** until the channel you want to lock, rename or re-arrange is highlighted. (Select any channel if you just want to rename the list.)
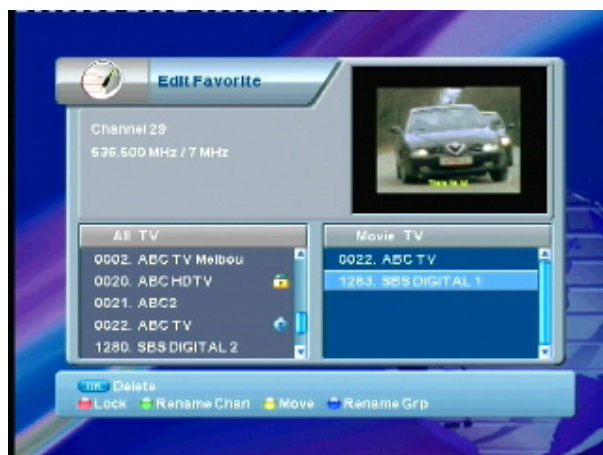
8. Press the appropriate button on the remote control (as indicated on the screen) to edit the selected channel or the list.

   Red button: Locks a channel. A padlock appears beside the channel.

   Green button: Displays an on-screen keyboard enabling you to rename the channel. Press **VOL ◄**, **VOL►**, **CH ▼** or **CH ▲** to move around the on-screen keypad, and then press **OK** to select the currently highlighted letter. When you have finished renaming the channel, press **EXIT** to return to the **Edit Favourite** screen.
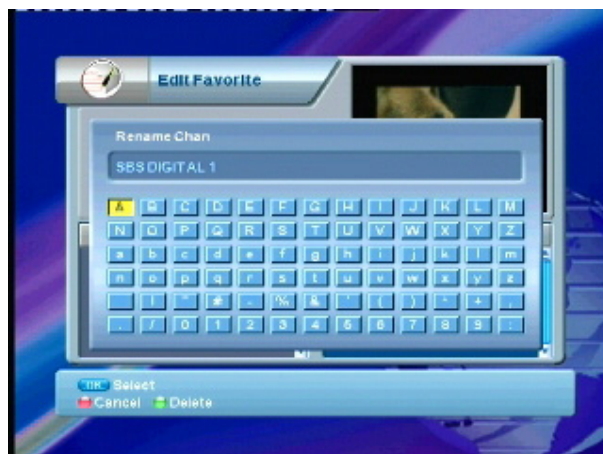
   Yellow button: Select the channel whose position in the list you wan to change, press the yellow button, and then press **CH ▼** or **CH ▲** to move the selected channel to its new position. Press **OK** when the channel is in the correct position.

   Blue button: Displays an on-screen keyboard enabling you to rename the list. Press **VOL ◄**, **VOL►**, **CH ▼** or **CH ▲** to move around the on-screen keypad, and then press **OK** to select the currently highlighted letter. When you have finished renaming the list, press **EXIT** to return to the **Edit Favourite** screen.

9. When you have finished re-organising your favourites list, press **MENU**. A message appears asking you to confirm the changes you have made.

10. Press **OK** to save the changes.

Selecting from a favourites list

1. Press **OK** to display the channel list.

2. Press **FAV**. A menu of favourites lists is displayed.

34

3. Press **CH ▼** or **CH ▲** to select a favourites list.

4. Press **OK**. The channels in the selected list appear in the channel list.

5. Press **CH ▼** or **CH ▲** to select a channel from the favourites list.

6. Press **OK** to view the selected channel.

The next time you display the channel list, just the channels in the last selected favourites list are displayed. To select another favourite lists (or to display all the available channels), press **FAV** and choose an appropriate option.

NOTE: If you find that not all the expected channels are appearing in various lists (such as the channel list), this may be because you have a favourites list selected. A favourites lists remains selected until you choose another favourites list or until you choose **All** from the menu of favourites (at step 3 above).


Program information

Electronic Program guide (EPG)

Some providers broadcast information about their programs. This information is available on screen via an electronic program guide (displayed by pressing **EPG** on the remote control). An example is shown below.

In default mode, all available channels are listed across the top of the screen of the screen. Press **VOL ◄** or **VOL ►** to move from channel to channel. The programs of the currently selected channel are listed below the channel. (Pressing the red button on the remote control provides an alternative view of the same information.)

Where information is available, you can select the program and press **INFO** to learn more about it.
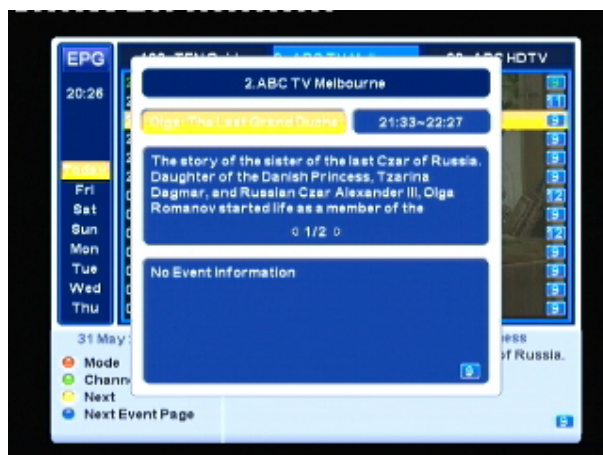
1. Press **EPG** on the remote control. The electronic program guide screen appears.

2. Press **VOL ◄** or **VOL ►** to scroll through the channels until the channel you are interested in is highlighted. (You can also press the green button on the remote control to display a menu of channels. Select a channel from the menu and press **OK** to display the program guide for that channel.)

3. Press the buttons listed at the bottom of the screen for various options:

   - **Red:** Switches the mode from daily to weekly program guide.
   - **Yellow:** Shows the next day's programs (in weekly mode) or the next program (in daily mode).
   - **Green:** Displays a selectable menu of channels.
   - **Blue:** Displays the next page of event information (if there is more than one page).
   - **Record button (⏺):** Reserves the selected program for recording.

4. Press **MENU** or **EXIT** to close the **EPG**.

Displaying information while viewing a program

You can display information about a program while watching it. Three levels of information are available.
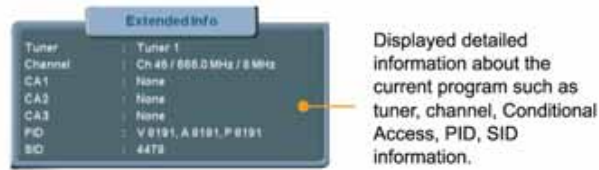
- To display basic information, press **INFO** once on the remote control.
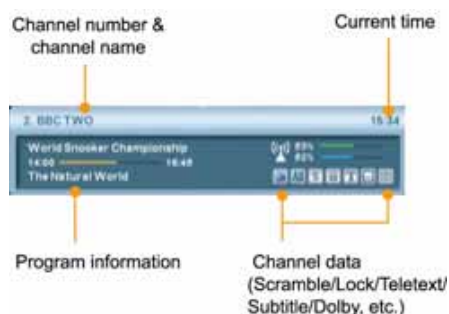
- To display program guide information, press **INFO** twice. A description of the program appears.

- To display extended information, press **INFO** three times.

Displayed detailed information about the current program such as tuner, channel, Conditional Access, PID, SID information.

- To hide the program information, press **EXIT**.

Teletext

Teletext is a text-based data service. Teletext carries information such as news, weather and stock quotations. It is available only when the broadcasting signal carries such data.

1. Select a channel that is broadcasting teletext.
2. Press the yellow button on the remote control. The teletext service data is displayed.
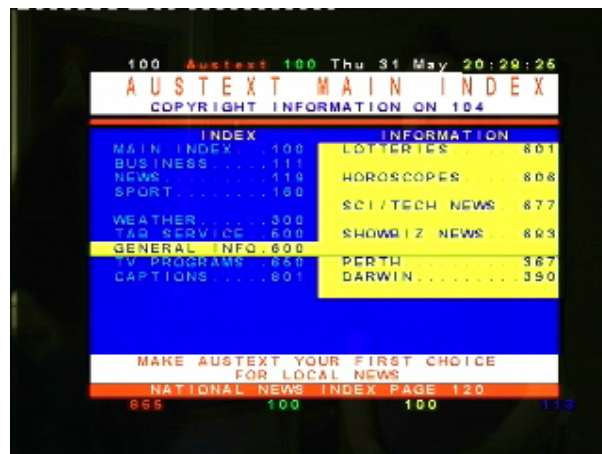
3. Select a teletext page by pressing the corresponding number or colour button on the remote control.
4. Press **EXIT** to cancel teletext.

Picture settings

Picture in Picture (PIP)

The PIP function allows you to watch two different channels on one screen. PIP works by superimposing a second channel onto the main screen. You can choose between watching two live stream channels, or one playback channel and one live stream channel.

PIP works in TV, radio, playback and recording mode.

NOTE: You can also display multiple pictures simultaneously using the multi-picture functionality. See "Multi-Picture mode" on page 27 for information.

Viewing PIP

Press ⊙ on the remote control. A secondary picture (the PIP window) appears on the screen, showing another channel (or a program being played back).

Press ⊙ again. The secondary picture becomes smaller. If you press ⊙ a third time, the secondary window disappears.

Changing the position of the PIP window

Press ⊙ on the remote control. The PIP window moves from one corner of the screen to another. Continue pressing ⊙ to move the PIP window in a cycle around the main screen.

Changing the PIP channel

You can view the main channel or the PIP channel.

1. To change the main channel (that is, the channel in the primary window), press **CH ▼** or **CH ▲**.

2. To change channels on the PIP screen, press ⊜. The PIP channel list appears. Press **CH ▼** or **CH ▲** to select the channel, and then press **OK**.

Switching between the main window and the PIP window

Press ⊘ to switch the programs in the PIP window and the main window. For example, if the main window is showing a channel 7 program and the PIP window is showing a channel 9 program, pressing ⊘ shows the channel 9 program in the main window and the channel 7 program in the PIP window.
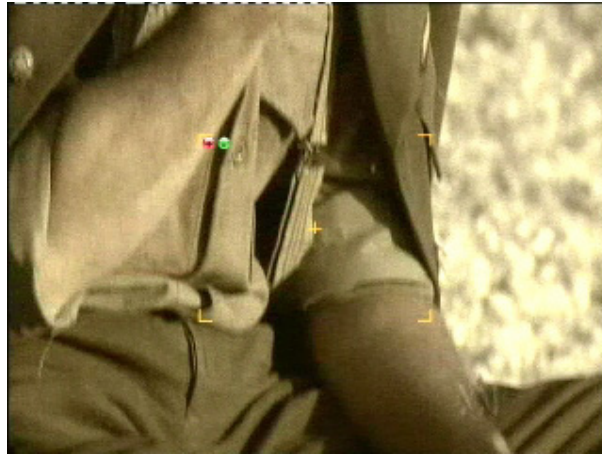
Zooming in or out

You can zoom in our out on part of the display (whether the display is paused or not).

To zoom in (or out):

1. Press **EXIT** on the remote control.

   The corners of a rectangle (coloured yellow) appear on the screen. The contents of this zoom rectangle will fill the screen when you complete the zoom operation.

2. To change the size of the zoom rectangle:

   • Press the red button to enlarge it.

   • Press the green button to shrink it.

3. To change the central point of the zoom rectangle, press **CH ▼**, **CH ▲**, **VOL ◄** or **VOL**.

4. Press **OK** to zoom in or out.

5. Press **EXIT** again to cancel zooming.

Recording and Playback

Recording

The SRT 5392 has an in-built 250GB hard-disk onto which you can record programs. You can record a single program or several programs at the same time, depending on the recording mode. There are four recording modes:

- Timeshift recording mode
- Instant recording mode
- Normal recording mode
- Timer recording mode

NOTE: In timeshift recording mode, the program is recorded in a memory buffer, not onto the hard disk. In other modes, programs are recorded onto the hard disk.

Timeshift recording mode

Timeshift recording mode automatically records up to two hours of whatever you are watching. In this mode, you can watch a live TV program and use the time shift functions to return to an earlier part of that live program. You can then play back that earlier part, and then catch up with the live program. For detailed instructions, see "Timeshift" on page 49.

There are two ways to enable or disable timeshift recording.

Method 1

Press **TIMESHIFT** on the remote control.

If timeshift recording mode was disabled, pressing **TIMESHIFT** enables it and sets the maximum recording duration to the default value of 2 hours. (If you want a different recording duration, follow method 2 below.)

If timeshift recording mode was enabled, pressing **TIMESHIFT** disables it.

Method 2

1. Press **MENU** to display the main menu.
2. Press **VOL** ◄ or **VOL** ► until **HDD** is selected.
3. Press **CH** ▼ or **CH** ▲ to select **HDD Option** and then press **OK.** The **HDD option** screen appears.
4. Highlight **Timeshift** and press **VOL** ◄ or **VOL** ► to set the mode to **Enable** (or **Disable**).

5. Highlight **Duration** and press **VOL ◄** or **VOL ►** to select the required duration: 30, 60, 90 or 120 minutes.

6. Press **MENU** or **EXIT**. A message appears asking you to confirm the changes you have made.

7. Select **OK** to save the setting.

Instant recording mode

To begin immediately recording the current program, press ⏺ on the remote control. Unless stopped, the recording will continue for six hours. You can stop recording manually, or set a duration for the recording.

To stop recording manually

1. Press ⏹ on the remote control. A message appears asking you to confirm that you want to stop recording.

2. Press **OK**.

To stop recording by specifying a duration

If you want recording to automatically stop before the six hour-default period has lapsed:

1. Press **MENU** to display the main menu.

2. Press **VOL ◄** or **VOL ►** until **HDD** is selected.

3. Press **CH ▼** or **CH ▲** to select **Recording** and then press **OK.** The **Recording** screen appears.

41

Details of the program currently being recorded appear on the screen.

4. Press **CH ▼** or **CH ▲** to highlight **Duration**.

5. using the number keys on the remote control, enter a duration for the recording. (Press **VOL ◄** to move from digit to digit.)

6. Press **OK**. A message appears confirming that the duration has changed.

7. Press **MENU** to return to normal viewing.

Normal recording mode

Normal recording mode allows you to save up to four programs. In normal recording, you set the channel, time and duration of the recording. You can also watch a live program and use the time shift functions. For detailed instructions, see "Timeshift" on page 49.

1. Press **MENU** to display the main menu.

2. Press **VOL ◄** or **VOL ►** until **HDD** is selected.

3. Press **CH ▼** or **CH ▲** to select **Recording** and then press **OK.** The **Recording** screen appears.

4. Set the required recording options:

    - The **Record Index** is a number that identifies the particular recording. You can select 1, 2, 3 or 4. Press **VOL ◄** or **VOL ►** until the index number you want is displayed.

    - With **Channel** selected, press **OK** to display a menu of all available channels. Press **CH ▼** or **CH ▲** to select the channel you want to record and press **OK**.

    - The **Mode** option lets you determine how the duration of recording is to be set. There are three options: **Normal** (which lets you set the duration); **EPG time** (which takes the duration from that shown in the Electronic Program Guide); and **No Limit** (which let's you record continuously). Press **VOL ◄** or **VOL ►** until the mode you want is displayed.

    - If you selected **Normal** mode, you can set a duration for the recording. Select the **Duration** option and, using the number buttons on the remote control, enter the duration (in HHMM format).

    - If you want to change the title of the program, select the **Title** option and press **OK**. An on-screen keyboard appears. Press **VOL ◄**, **VOL ►**, **CH ▼** or **CH ▲** to move around the on-screen keypad, and then press **OK** to select the currently highlighted letter. When you have finished renaming the program, press **EXIT** to return to the **Recording** screen.

5. Press the red button to begin recording immediately.

6. Press **MENU** to exit the recording screen and return to normal viewing. A small recording window with the index number appears for a few seconds in the top right corner of the TV screen.

You can repeat this procedure to record up to four channels simultaneously.

Timer recording mode

Timer mode allows you to set a timer to start recording a program at a specified time. You can set up to forty timers.

1. Press **MENU** to display the main menu.

2. Press **VOL ◄** or **VOL ►** until **Setup** is selected.

3. Press **CH ▼** or **CH ▲** to select **Timer Setting** and then press **OK.** The **Timer Setting** screen appears.
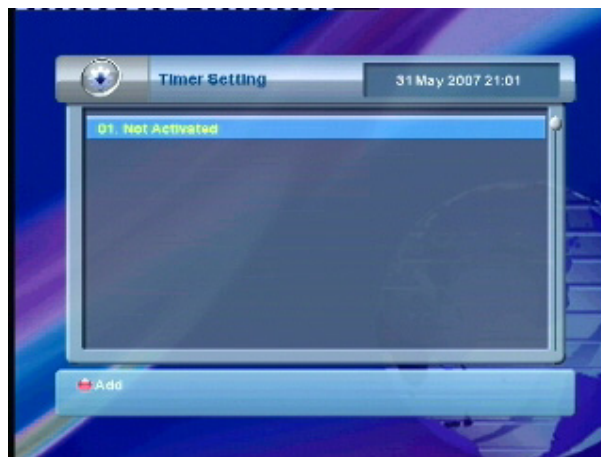
4. Press the red button to add a new timer recording. The **Timer Event** screen appears.

5. Set the required recording options:

   - The **Mode** option lets you specify what is to occur at the specified time: start recording, turn off the power, or turn on the power. Press **VOL ◄** or **VOL ►** until the mode you want appears.

   - With **Channel** selected, press **OK** to display a menu of all available channels. Press **CH ▼** or **CH ▲** to select the channel you want to record (or to appear when the SRT 5392 powers on) and then press **OK**.

   - With **Time** selected, press **VOL ◄** or **VOL ►** until a digit of the date or time you want to change is underlined. Enter a new digit using the number buttons on the remote control. Continue likewise until the date and time of the timer is set.

- If you chose the **Record** or **Power On** mode, you can set a duration. Select the **Duration** option and, using the number buttons on the remote control, enter the duration (in HHMM format).

- The **Timer Padding** option allows you to specify the number of minutes that a recording event should start earlier than the specified start time, and finish later than the specified start time plus the specified duration. Press **VOL ◄** or **VOL ►** until the padding you want is displayed.

- You can specify a name for the file that is recorded. With the **File** option selected, press **OK**. An on-screen keyboard appears. Press **VOL ◄**, **VOL ►**, **CH ▼** or **CH ▲** to move around the on-screen keypad, and then press **OK** to select the currently highlighted letter. When you have finished renaming the program, press **EXIT** to return to the **Timer Event** screen.

- The **Cycle** option lets you specify how frequently you want the event to occur. The options are **One Time**, **Every Day** and **Every Week**. Press **VOL ◄** or **VOL ►** until the frequency you want is displayed. If you choose **Every Week**, the days of the week are displayed at the bottom of the screen. Press **CH ▼** to highlight the days, press **VOL ◄** or **VOL ►** to select a particular day and then press **OK**. You can select any number of days in the week.

6. Press **EXIT** to redisplay the **Timer Setting** screen. The timer you have just set is listed on the screen.

7. If you want to change a listed timer, select it, press **OK** and continue from step 5 above.

8. If you want to add another timer, press the red button and continue from step 5 above.

9. To leave the timer setting screen, press **MENU**. A message appears asking you if you want to save your changes. Press **OK** to save your changes.

To stop a recording

1. Press ⬛ on the remote control. A list of the programs being recorded appears.

2. Press **CH ▼** or **CH ▲** to select the program whose recording you want to stop, and press **OK**.

Playback

The playback feature allows you to watch files you have recorded on the hard disk. You can also playback MP3 music files that you have copied to the SRT 5392.

The SRT 5392 offers the following playback features:

- Program playback
- MP3 playback
- A-B repeat

- Bookmarking
- Bookmark search
- Data cutting

For information on how to playback an instant recording, see "Timeshift" on page 49.

Program playback

The program playback function lets you play a program file from an earlier recording.

1. Press **PVR** to display a list of your recorded files. (If you are already in playback mode, press **OK** to display the list.) The **File Management** window appears.
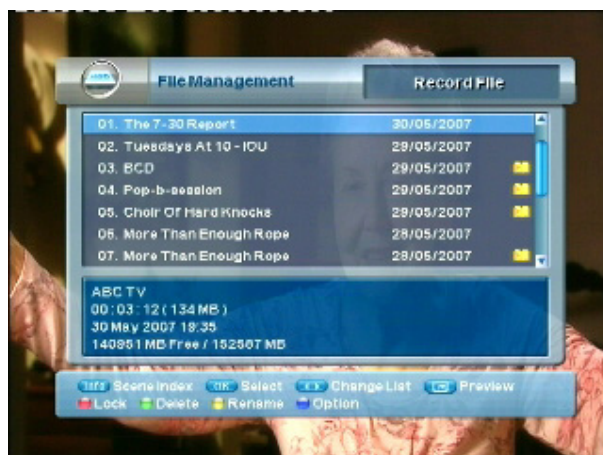
2. If **Record File** is not shown in the top right corner of the window, press **VOL ◄** or **VOL ►** until it is. A list of recorded programs appears.

3. Press **CH ▼** or **CH ▲** until the program you want to play is highlighted, and then press **OK**. The program starts to play.

Previewing a program

With the **File Management** window open, you can preview a selected program before choosing to play it back.

1. Press ⊚. The program appears in preview window in the top right corner of the screen.
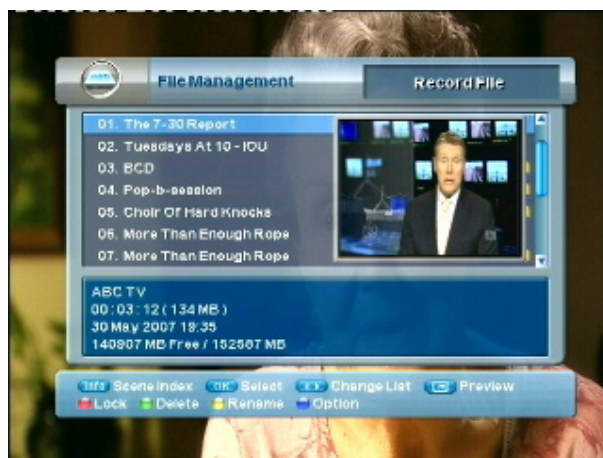
2. Press ⊚ again to close the preview window.

Playback options

While playing back a program, you can fast forward, slow forward, fast rewind, slow rewind, skip, pause, repeat and replay a program. To perform these operations, follow these instructions:

- **Fast-forward**: Press ⏩. You can increase the speed of fast-forwarding speed by pressing ⏩ again. The speed can be increased by a factor 2, 4, 8 or 16.
- **Fast Rewind**: Press ⏪. You can increase the rewinding speed by pressing ⏪ again. The speed can be increased by a factor 2, 4 or 8.
- **Slow-Playback Forward**: Press ⏵. You can slow down the speed of replay by pressing ⏵ again. The speed can be decreased to a half, quarter or an eighth of normal playback.
- **Slow-Playback Reverse**: Press ⏴. You can decrease the reverse playback speed by pressing ⏴ again. The speed can be decreased to a half, quarter or an eighth of normal playback.

45

- **Skip:** to skip over any portion of the file, press the number keys on the remote control. The number you enter will indicate the percentage of the file you want to skip. For example, if you enter 40, playback jumps to a position at 40% of the file's duration. (Enter 0 to restart playback from the beginning.)
- **Pause**: Press ⏸.
- **Repeat**: Press 🔁.
- **Replay**: Press ▶.

To stop playback

Press ⏹ on the remote control.

MP3 playback

The SRT 5392 cannot create MP3 files, but it can receive files from another source. You can transfer MP3 files from a computer via the USB cable supplied. For more information, see "Connecting to a computer using the supplied USB cable" on page 15.

1. Press **PVR** to display a list of your recorded files. (If you are already in playback mode, press **OK** to display the list.) The **File Management** window appears.

2. If **MP3 File** is not shown in the top right corner of the window, press **VOL ◄** or **VOL ►** until it is. A list of MP3 files stored on your hard disk appears.
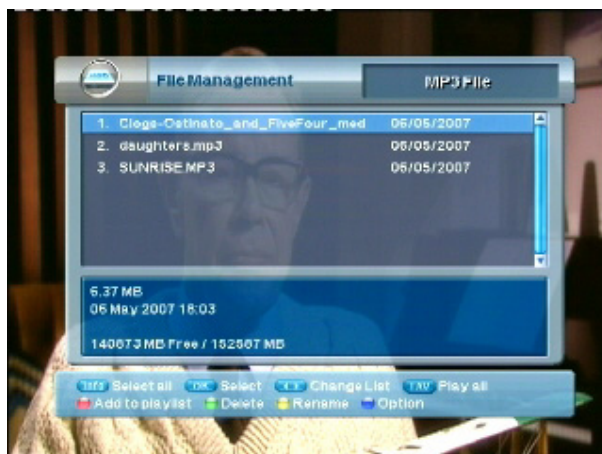
3. Press **CH ▼** or **CH ▲** until the track you want to play is highlighted, and then press **OK**. The track starts to play.

   You can press the colour button on the remote control to:
   - Rewind (blue)
   - Resume play (green)
   - Pause (yellow)
   - Fast forward (blue)

   Press **OK** to restart the track from the beginning.

To stop playback

Press ⏹ on the remote control.

A-B repeat

The A-B repeat function allows you to set playback to run from one point to another so that you can watch that block in a continuous loop. This is handy when you want to play your favourite scenes over and over.

1. During playback mode, press ⏵ on the remote control. The progress bar appears.

2. Press ⏭ or ⏮ to locate the start of the section that you want to repeat in a continuous loop.

3. Press ⊙ to mark the start point for the loop.

4. Press **VOL**▶ (or ⏭) to move to the location where you want to end the loop.

5. Press ⊙ to mark the end point for the loop. The program will play the selected block repeatedly.

6. To stop the looping and resume normal viewing, press **EXIT**.

Cutting data

The cutting data function allows you to delete sections of a recorded file.

1. During playback mode, press the play button on the remote control. The progress bar appears.

2. Press forward or rewind to locate the start of the section that you want to delete.

3. Press ⊘ to mark the start point of the section.

4. Press **VOL**▶ (or forward) to move to the location where the section ends.

5. Press ⊘ to mark the end point of the section.

6. A message appears asking whether you want to save, cut or cancel. Press **VOL**▶ to make your selection and then press **OK**.

Bookmarks and Scene Indexes

The bookmark function allows you to mark a location within a file so that you can jump to that location quickly. To create a bookmark, the file must be in playback mode.

TIP: When you stop playback of a recorded program, you can bookmark the location so you can continue to watch from that location when you resume playback.

To create a bookmark

During playback mode, press ⊞ at each desired scene. Each time you create a bookmark, the bookmark icon will briefly appear in the upper right hand corner of the screen.

NOTE: You can create up to 64 bookmarks in each file. A bookmark is indicated by a yellow triangle along the top pf the progress bar. (Display the progress bar by pressing ▶.)

To jump to a bookmark

During playback mode, press 🔖. Playback continues form the next bookmark in the file.

To delete to a bookmark

Jump to it and immediately press 🔖.

Scene Indexes

Another way to quickly jump to a particular section of a recorded program is to display the scenes in the program and then select the one from where the recording is to start playing back. The SRT 5392 divides the recorded program into 12 scenes of equal duration and displays the beginning of each scene, as shown below:

To quickly jump to a scene:

1. Press **PVR** to display a list of your recorded files. (If you are already in playback mode, press **OK** to display the list.) The **File Management** window appears.

2. Press **CH ▼** or **CH ▲** until the program you want to replay is highlighted.

3. Press the **INFO** button on the remote control.

4. Press **CH ▼**, **CH ▲**, **VOL ◄** or **VOL ►** until the scene you want to start the playback from is highlighted, and then press **OK**.

Timeshift

You can automatically record whatever program is appearing on your TV and then use timeshift functionality to jump back to a scene in that program even while the program is live. You can then catch up to the live program.

Time shift functionality requires the **Instant Recording** option to be enabled. See "**NOTE**: In timeshift recording mode, the program is recorded in a memory buffer, not onto the hard disk. In other modes, programs are recorded onto the hard disk.

Timeshift recording mode" on page 40 for instructions.

NOTE: If you change channels while instant recording is enabled, the previously recorded program is deleted.

Timeshift backwards

1. To use timeshift, you need to display the progress bar. To do this, press the play button (▶).

    The yellow portion of the progress bar shows the proportion of available recording time has already been recorded. The word **LIVE** at the right of the progress bar indicates that you are viewing the program live, exactly as it is being broadcast at that moment.

2. To jump back to an earlier part of the live recording, press **VOL ◄**. Each time you press **VOL ◄** you move back further through the recording. A red line and a time value on the progress bar indicate how far you have gone back.

The program starts to play back from the point at which you stop pressing **VOL ◀**.

TIP: You can also press ⏪ to move back through the live program.

Timeshift forwards (catch-up)

1. If the progress bar is not displayed, display it by pressing the play button (▶).

2. Press **VOL ▶**. Each time you press **VOL ▶** you move further forward through the recording. A red line and a time value on the progress bar indicate how far you have gone forward. To catch up with the live broadcast, keep pressing **VOL ▶** until the red line is at the far end of the yellow section of the progress bar. (The word **LIVE** reappears on the progress bar to indicate that you have caught up with the live program.)

TIP: You can also press ⏩ to move forward through the live program.

Timeshift options

While a time-shifted program is being replayed, you can perform the following operations:

- **Hide or show the progress bar**: Press ▶.
- **Fast-forward**: Press ⏩. You can increase the speed of fast-forwarding speed by pressing ⏩ again. The speed can be increased by a factor 2, 4, 8 or 16. This option is only possible if the progress bar is hidden.
- **Fast Rewind**: Press ⏪. You can increase the rewinding speed by pressing ⏪ again. The speed can be increased by a factor 2, 4 or 8. This option is only possible if the progress bar is hidden.
- **Slow-Playback Forward**: Press ▶. You can slow down the speed of replay by pressing ▶ again. The speed can be decreased to a half, quarter or an eighth of normal playback.
- **Slow-Playback Reverse**: Press ◀. You can decrease the reverse playback speed by pressing ◀ again. The speed can be decreased to a half, quarter or an eighth of normal playback.
- **Pause**: Press ⏸.
- **Replay paused playback**: Press ▶.

File Management

With the **File Management** window open, you can lock, delete, rename and sort recorded files. You can also create folders and move files to a selected folder.

- **To lock a file**, select it, press the red button and enter the password. (The icon of a padlock appears beside the file.)
- **To unlock a locked file**, select it, press the red button and enter the password.
- **To delete a file**, select it, press the green button and press **OK** when asked to confirm the deletion.
- **To rename a file**, select it and press the yellow button. An on-screen keyboard appears. Press **VOL ◄**, **VOL►**, **CH ▼** or **CH ▲** to move around the on-screen keypad, and then press **OK** to select the currently highlighted letter. When you have finished renaming the file, press **EXIT** and then **OK** to save the change and return to the **File Management** screen.
- **To sort the list of files**, press the blue button. The **Option** window appears with the **Sort** option highlighted. Press **VOL ◄** or **VOL►** to choose a sort option: **ABC** sorts the list in alphabetical order; **Time** sorts the list in the order in which the files were recorded (with the latest recording first and the oldest recording last).
- **To create a folder**, press the blue button. The **Option** window appears. Press **CH ▼** to select **Create Folder** and then press **OK**. An on-screen keyboard appears. Press **VOL ◄**, **VOL►**, **CH ▼** or **CH ▲** to move around the on-screen keypad, and then press **OK** to select the currently highlighted letter. When you have finished renaming the file, press **EXIT** and then **OK** to save the change and return to the **File Management** screen.
- **To move a file to a folder**, press the blue button. The **Option** window appears. Press **CH ▼** or **CH ▲** to select **Move To Folder** and then press **OK**. A menu of folders appears. Press **CH ▼** or **CH ▲** to select the folder into which you want to move the file and press **OK**. Now press the blue button. The file is moved into the folder. Press **EXIT** twice to return to the **File Management** screen.

Managing music files

In addition to the file management tasks described in the previous section, you can also create a playlist of your music files. The playlist is the set of MP3 files that will play when you choose to play any one file in that set. If you don't create a playlist, only the file you choose to play will play.

Creating a playlist

1. Press **PVR** to display a list of your recorded files. (If you are already in playback mode, press **OK** to display the list.) The **File Management** window appears.

2. If **MP3 File** is not shown in the top right corner of the window, press **VOL ◄** or **VOL ►** until it is. A list of MP3 files stored on your hard disk appears.
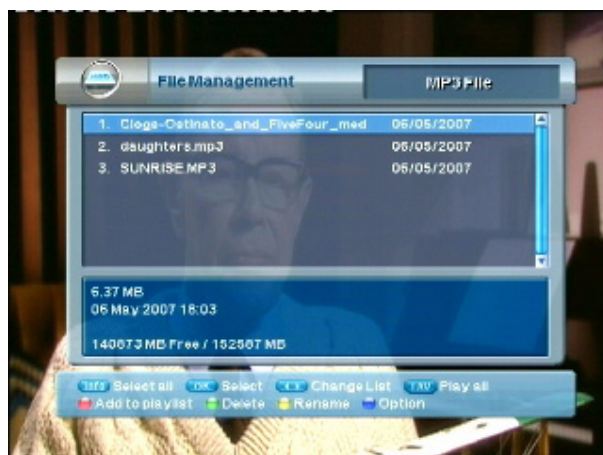
3. Press **CH ▼** or **CH ▲** until a track you want to add to the playlist is highlighted, and then press the red button on the remote control. An icon appears to the right of each track that has been added to the playlist.

4. Repeat step 3 for each track you want to add to the playlist.

Deleting a track from the playlist

NOTE: Deleting a track from the playlist does not delete the track from the hard disk.

---

1. Press **PVR** to display a list of your recorded files. (If you are already in playback mode, press **OK** to display the list.) The **File Management** window appears.

2. If **MP3 File** is not shown in the top right corner of the window, press **VOL ◄** or **VOL ►** until it is. A list of MP3 files stored on your hard disk appears.

3. Press **CH ▼** or **CH ▲** until a track you want to delete is highlighted, and then press the red button on the remote control.

4. Repeat step 3 for each track you want to delete from the playlist.

Playing the playlist

Select any track that is in the playlist and press **OK**. The selected track begins to play. When it is finished, the next track in the playlist begins to play. Play continues until all tracks in the playlist have been played.

Playing all tracks

Select the first track that you want to play and then press **FAV** on the remote control. The selected track begins to play. When it is finished, the next track begins to play. Play continues until all tracks have been played (not just those in the playlist).

-

Utilities

The SRT 5392 provides you with a calendar and a calculator. To access these utilities:

1. Press **MENU** to display the main menu.

2. Press **VOL ◄** or **VOL ►** until **Tools** is highlighted.

3. Press **CH ▼** or **CH ▲** until **Utility** is highlighted and then press **OK**.

    The **Utility** window appears listing the two utilities.

4. Press **CH ▼** or **CH ▲** to select the utility you want and then press **OK**.

Calendar

When you display the calendar, the current day is highlighted.

Press the colour buttons to show the previous month (red button), next month (green), previous year (yellow) or next year (blue). Press **MENU** to return to normal viewing or **EXIT** to return to the Utility window.

Calculator

Press **VOL ◄**, **VOL►**, **CH ▼** or **CH ▲** to move around the calculator keypad, and then press **OK** to select the currently highlighted number or arithmetic operator. Press **MENU** to return to normal viewing or **EXIT** to return to the Utility window.

Games

The SRT 5392enables you to play the following games on your TV screen:

- Tetris
- Blockout and
- Sokoban

To access games:

1. Press **MENU** to display the main menu.

2. Press **VOL** ◄ or **VOL** ► until **Tools** is highlighted.

3. Press **CH** ▼ or **CH** ▲ until **Game** is highlighted and then press **OK**.

   The **Game** window appears.

4. Press **CH** ▼ or **CH** ▲ to select the game you want to play and then press **OK**.

Tetris

The goal of Tetris is to orient a series of falling blocks so as to maximise the number of blocks that can fit into a well. The game is over when the height of all the blocks matches the depth of the well. Your score is the number of individual blocks you can fit into the well.

1. As the blocks drop, you can move them horizontally by pressing **VOL** ◄ or **VOL** ►. You can also rotate a falling block by pressing **OK** or **CH** ▲ and speed up the fall of a block by pressing **CH** ▼. To help you determine how best to place the block that is currently falling, a preview of the next block to fall is shown in the pane at the right of the screen.

2. To cancel a game, press **MENU** or **EXIT**.

Blockout

The goal of Blockout is to knock out all the tiles with the ball without letting the ball fall outside the bat. Certain tiles need a certain number of hits before they are knocked out. The game is over when the all 5 balls are used up. Your score is the number of tiles you were able to hit.

1. Press **OK** to release the ball from the bat.

2. Use the **VOL ◄** or **VOL ►** buttons to move the bat from side to side so it can hit the ball back.

3. To cancel a game, press **MENU** or **EXIT**.

Sokoban

The goal of Sokoban is to use the blue ball to push each of 6 red balls onto each of 6 squares. You use the arrow keys—**CH ▼**, **CH ▲**, **VOL ◄** and **VOL ►**—to move the blue ball. Note that the red balls can only be pushed, not pulled, so you have to be careful not to push them into a corner where you can not get them out again. A better score is a score where fewer moves are needed to move all the blues balls to the yellow house squares. A partly completed game is shown below:
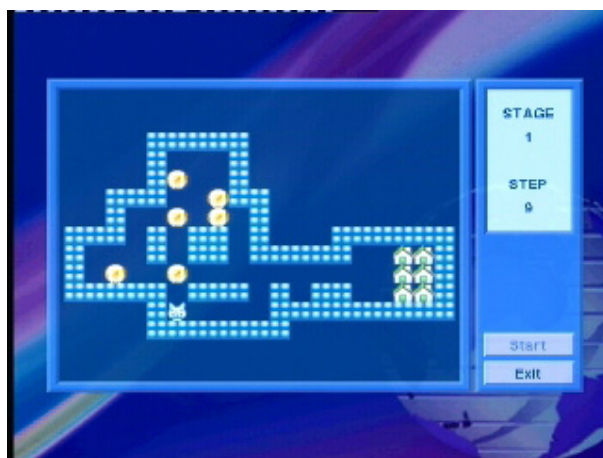
1. Press any key on the remote control to start a game.

2. Repeatedly press an arrow key—**CH ▼**, **CH ▲**, **VOL ◄** or **VOL ►**—to move the blue ball behind a red ball so that the red ball can be pushed onto a house square. Continue likewise until each red ball is in a house.

   To undo your very last move, press the red button on the remote control.

   To restart the game, press the recall button.

3. To cancel a game, press **EXIT**.

System Maintenance

You can upgrade the software in your SRT 5392 as new versions become available. Information about the current version (and information about the hardware) is available from the menu to help you determine if you need to upgrade. This information might also be useful if you need to obtain technical support from Strong Technologies.

You can also reset the SRT 5392, either by:

- clearing all the channels and stations or
- clearing all channels, stations, preferences and other user settings (thereby restoring the unit to the default settings it had when it left the factory).

System information

To display system information about your SRT 5392, such as the model number, software version, hardware version and so on:

1. Press **MENU** to display the main menu.

2. Use **VOL ◄** or **VOL ►** to select **Tools**.

3. Press **CH ▼** or **CH ▲** to highlight **Information**, and then press **OK**

    The **System Information** window appears.
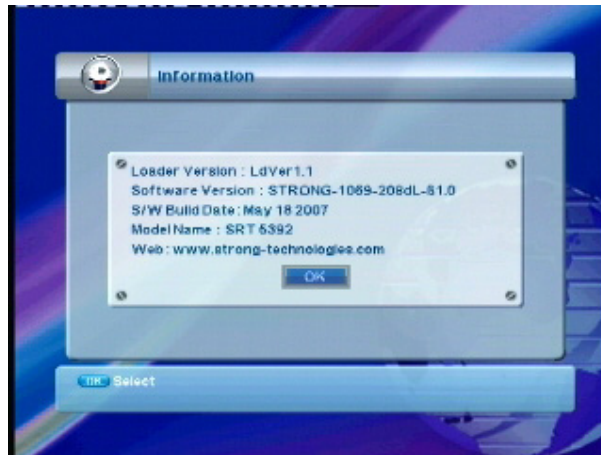
4. Press **OK** to return to the **Tools** screen.

Software upgrades

If a new version of the SRT 5392 software becomes available, you can download the software to your PC and then transfer it to your SRT 5392. You will need a null modem cable with an RS-232C plug (not supplied with the SRT 5392). Watch the Strong Technologies website for announcements of software upgrades and instructions on how to obtain an upgrade.

Once you have obtained an upgrade, connect the null modem cable between the RS-232 port on the rear of the SRT 5392 (socket 5 in the diagram on page 9) and your PC and follow the instructions given on the Strong Technologies website.

Upgrading one SRT 5392 from another SRT 5392

Make sure both receivers are turned off before undertaking this procedure.

1. Connect a null modem cable between the RS-232 ports of both receivers.

2. Turn on the SRT 5392 that already has the latest software.

3. Turn on the SRT 5392 that needs to be upgraded. Upgrading automatically commences.

   When the upgrade is finished, the second SRT 5392 restarts.

Restore default settings

You can restore the SRT 5392 to its default factory settings. This restores all default settings and all channels, stations, preferences and user settings will be lost.

To restore default settings:

1. Press **MENU** to display the main menu.

2. Use **VOL ◀** or **VOL ▶** to select **Tools**.

3. Press **CH ▼** or **CH ▲** to highlight **Factory Setting and** then press **OK**.

   The **Factory Setting** window appears.
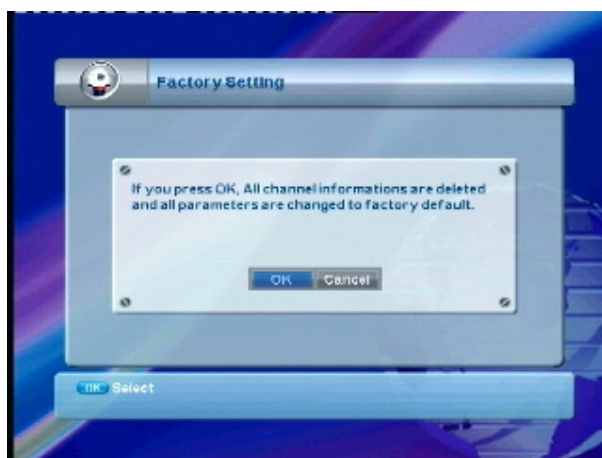
⚠ **WARNING**: If you proceed with restoring defaults, all your settings and channel information will be lost

4. To proceed, press **OK** (otherwise press **VOL ▶** to select **Cancel** and then press **OK**.

Troubleshooting

There may be a number of causes of abnormal operation. Occasionally receivers can hang (just as a PC will do from time to time). In this case, you should reset the receiver by disconnecting if from mains power, waiting 30 seconds and then reconnectting it to mains power. If the unit is still not operating correctly, refer to the following table for the indicated problem and likely solution.

Symptoms	Possible causes	Solution
Indicators on front panel do not light up	AC power cord is not connected	Check that the power cord is plugged into the wall socket. Make sure the power switch is on.
No picture or sound	The cables connecting the TV and the receiver are not properly connected	Make sure that the correct cable is connected between the TV and the receiver, and that the antenna is connected.
	The TV mode is not correct	Check that the correct video or AV input has been selected on your TV.
	The TV is turned off	Turn the TV on.
Picture and/or audio is unclear	Insufficient signal strength	Check that the antenna cable is securely plugged in and that the signal is adequate.
	Electrical interference	Check that all antenna cabling is quad-shielded.
No sound	The receiver or TV is in mute mode	Press the MUTE button on the receiver and on the TV.
	Initial volume level has not been set on your TV	Select the desired TV volume level using the TV remote control.
Remote control is not working	Batteries not inserted	Insert batteries
	Batteries are flat	Change the batteries in the remote control.
	Remote control is outside the range of operation	Aim the remote control directly at the receiver.

For Technical Assistance: Please call our Technical Support Help Line on **1 800 820030**

For General Enquiries: Please email us at **tech2@strong-technologies.com**

Product Return Tracking: If you need to send your receiver to Strong Technologies for repair or evaluation, please keep a record of the unit's **serial number**. This will ensure ease of tracking and identification on your behalf.

Specifications

Tuner & Channel Decoder	RF input Connector	PAL type (female) X 2 IEC type
	RF Loop through Connector	PAL type (male) X 2 IEC type
	RF Frequency Range	177.5MHz to 227.5MHz 474Mhz to 858 MHz
	Input Impedance	75 Ω nominal
	Input Signal Level	-78 dBm to -20 dBM
	Loop through Gain	0 dB Typical / ±5dB Max
	IF Frequency	36.176 MHz
	IF Bandwidth	7/8Mhz
	Demodulation	COFDM (2K/8K-Carrier) / MT352
	Guard Interval Modes	1/32,1/16,1/8,1/4 Active symbol duration
	FEC Modes Rate	1/2, 2/3, 3/4, 5/6, 7/8
	Channel Bandwidth	8MHz(for Europe), 7MHz(for Australia)
A/V Decoding	Transport Stream	MPEG-2 ISO/IEC 13818 Transport Stream Specification
	Profile Level	2 of MPEG-2 MP@ML (PIP)
	Input Rate	81Mbit/S max.
	Aspect Ratio	4:3, 16:9 ,Letter
	Video Resolution	720 X 480(NTSC) , 720 x 576(PAL)
	Audio Decoding	MPEG/Musicam Layer 1,2 & 3
	Audio Mode	Single Channel / Dual Channel Joint Stereo / Stereo
	Sampling Rate	32, 44.1 & 48 KHz
	Graphic Engine	3 – OSD Plane 1-Background Plane / 256 Full Colour
Main System	CPU	uPD61130 (EMMA2)
	CPU Speed	200 MIPS @ 167Mhz
	Flash Memory	4 Mbytes
	Graphic & System SDRAM	64 Mbytes
	EEPROM	128Kbit
Local Storage (HDD)	Type	ATA - UDMA66
	HDD Size	3.5 inch, 250Gb
	HDD of VENDOR	Seagate ,Sam-Sung, Maxtor
A/V Data In/Out	CINCH OUTPUT (9 PORT)	Video Output1 (CVBS) Video Output2 (Y / Pb / Pr) Audio Output1 (L,R) Audio Output2 (L,R) Digital Audio (SPDIF)
	S-VHS	Video S-VIDEO output

	SPDIF	Optical Digital Audio or Dolby AC-3 Bitstream output
	USB	USB2.0
	RS-232C	Transfer Rate 115.2Kbps 9 Pin D-sub Type
Power Supply	Input Voltage	100 to 240 VAC, 50Hz/60Hz
	Type	SMPS
	Power Consumption	Max 30W
	Protection	Separate Internal Fuse and Chassis Grounding The Input shall have lightning or Electric Shock Protection
Environment	Operating Temperature	+5°C ~ +50°C
	Storage Temperature	-40°C ~ +65°C
	Cooling system (DC fan)	12V / 24mA (standby mode at off)
Physical Specification	Size (W X D X H)	370 x 268 x 60 mm
	Weight(Net)	3.5kg

STRONG TECHNOLOGIES PTY LTD.
60 WEDGEWOOD ROAD, HALLAM, VIC 3803
PH: +61 3 8795 7990   **FAX:** +61 3 8795 7991

<u>**TECHNICAL SUPPORT: 1 800 820030**</u>

STRONG & CO. (FAR EAST), LTD.
P. O. BOX 85, YOKOHAMA, KANAGAWA-KEN
JAPAN 231-91   **FAX:** +81 45 651-1842

<u>**www.strong-technologies.com**</u>

Email: tech2@strong-technologies.com