

# SD Set Top Box

*User Manual*



SH-SDST01

[shintaro.com.au](http://shintaro.com.au)



# SD Set Top Box

## *Contents*

Safety Information .....	4
Introduction .....	6
System Connection .....	8
Getting Started .....	10
Operation .....	13
System Setup .....	16
Tools .....	19
Multimedia Playing .....	21
Timeshift .....	23
Troubleshooting .....	24
Specifications .....	26

# Safety Informations

To reduce the risk of fire and electric shock, do not expose this unit to rain or moisture.

**Please read these precautions before operating this unit.**

## **Power cord protection**

To avoid any malfunctions of the unit, and to protect against electric shock, fire or personal injury, please observe the following.

- Hold the plug firmly when connecting or disconnecting the AC power cord.
- Keep the AC power cord away from heating appliances.
- Never put any heavy object on the AC power cord.
- Do not attempt to repair or reconstruct the AC power cord in any way.
- Never make or change connections with the power switched on.

## **Placement**

Avoid placing the unit in areas of direct sunlight or heating appliances, or closed automobiles high temperature (over 350C) or high humidity (over 90%) or high dust areas as the internal parts may be seriously damaged.

## **Non-use periods**

When the unit is not being used, turn it off. When left unused for a long period of time, the unit should be unplugged from the household AC outlet.

## **No fingers or other objects inside**

Touching internal parts of this unit is dangerous, and may cause serious damage to the unit. Do not attempt to disassemble the unit.

Do not put any foreign object in this unit.

## **Keep away from water/magnet**

Keep the unit away from flower vases, tubs, sinks, etc. If liquids are spilled into the unit, serious damage could occur. Never bring a magnet or magnetized object near the unit.

## **Stacking**

Place the unit in a horizontal position, and do not place anything heavy on it.

## **Condensation**

Moisture may form on the lens in the following conditions:

- Immediately after a heater has been turned on in a steamy or very humid room when the unit is suddenly moved from a cold environment to a warm one.
- If moisture forms inside this unit, it may not operate properly. In this case, turn on the power and wait about one hour for the moisture to evaporate.

## **If there is noise interference on the TV while a broadcast is being received**

Depending on the reception condition of the TV, interference may appear on the TV monitor while you watch a TV broadcast and the unit is left on. This is not a malfunction of the unit or the TV.

## **Recycling**

This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed of at the end of its life separately from your household waste.

For more information, please

contact the local authority or your retailer where you purchased the product.

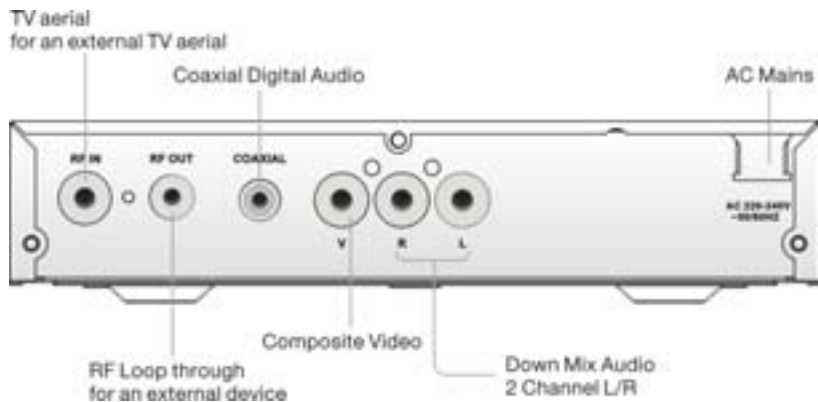
# Introduction

## About the STB

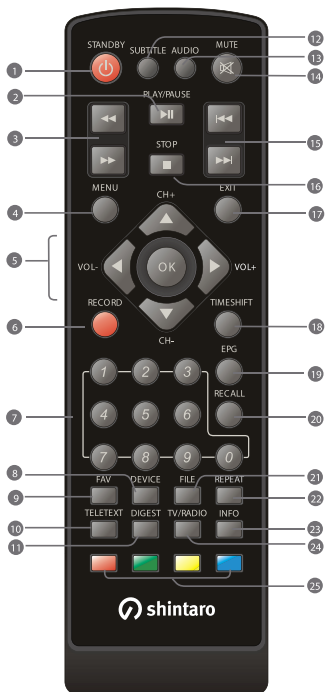
### Front panel



### Rear panel



# Remote control

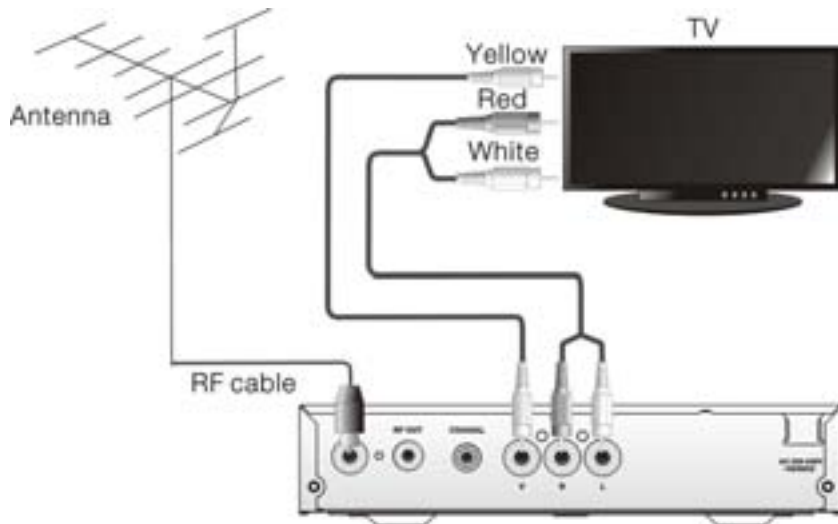


1. STANDBY (switch the STB on and standby)
2. PAUSE/PLAY
3. Search backward / forward
4. Menu Button (open and close the menu screen)

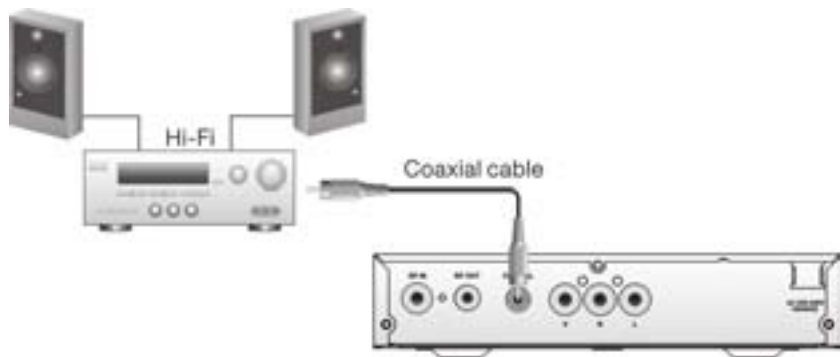
5. CH+CH-/VOL+VOL- Button (navigation buttons use to navigate with the menus Channel Up and Down, Volume Up and Down) OK Button (Confirm a selection within a menu)
6. RECORD (Record the current TV to the Hard disk through the USB slot)
7. Numeric entry (Enter numeric values and select channel numbers)
8. DEVICE (Change the working section of Hard disk)
9. FAVORITE (Open the Favorite list)
10. TELETEXT(Open the interactive function)
11. DIGEST (Enter multi-picture to get digest of all programs)
12. SUBTITLE (switch subtitles on and off)
13. AUDIO (Select audio: Left / Right / Stereo / Mono)
14. Multimedia files or photos skip the previous /the next
15. STOP
16. EXIT (Exit from the Menu)
17. TIMESHIFT (Activate timeshift function)
18. EPG (Open up the channel schedule menu)
19. RECALL (Switch to previous channel)
20. FILE (Open the list of recorded files)
21. REPEAT (Choose the mode of playback and repeat)
22. INFO (Press for current channel information / Operation guide)
23. TV/RADIO (Switch between TV and Radio)
24. RED / GREEN / YELLOW / BLUE Buttons (For interactive function/Submenu function buttons) Blue button (Timer function)

## System Connection

### Connecting to the TV



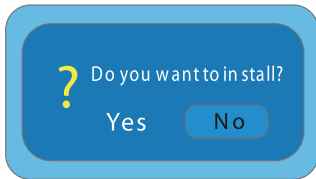
## Connecting a HiFi system



# Getting Started

## Switching on for the first time

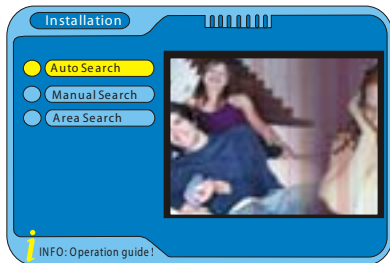
1. Turn on your TV set and select the desired input (with the AV key, or via the television remote control).
2. Plug the Set Top Box into the mains supply. The power indicator on the panel is green. Then the “First Time Installation” menu appears. Press “LEFT” and “RIGHT” button to choose “OSD Language” and “Area”.
3. Press “OK” button to start the first time installation. The following message is displayed.



4. Press “LEFT” and “RIGHT” button to highlight “Yes” and then press “OK” button. The system starts to search all channels for available radio and TV stations.

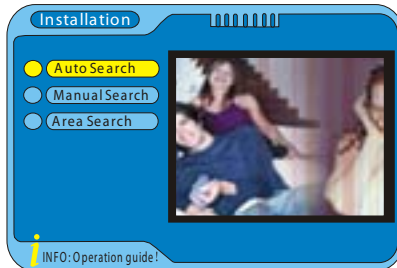
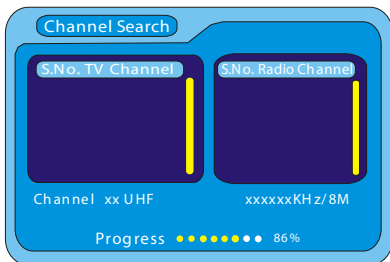
## Installation

1. Press “MENU” button to enter the MAIN MENU.
2. Press “OK” button to highlight “Digital TV”.
3. Press “UP” or “DOWN” button to select the “Installation”, and press “OK” button to confirm.



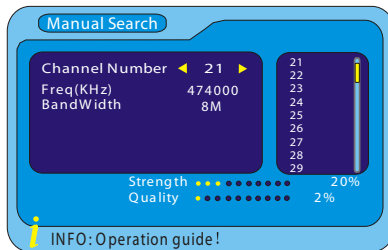
## Auto Search

1. Press “MENU” button to enter the Main Menu.
2. Press “DOWN” button to Select the Installation.
3. Press “OK” button to “Auto Search”.



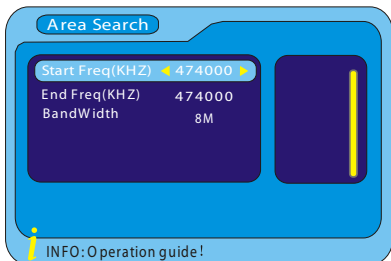
## Manual Search

1. Select the Manual Search and press “OK” button to confirm.
2. Press “LEFT” or “RIGHT” button to select the desired option.
3. Press “OK” button to confirm.



## Area Search

1. Press “UP” or “DOWN” button to highlight the “Area Search” .
2. Press “OK” button to enter the “Area Search”
3. The Area Search window will displayed. Press the numeric buttons to “Start Freq (KHZ)”
4. Press “DOWN” button to “End Freq (KHZ)” and enter a frequency.
5. Press “DOWN” button to “BandWith”,Use “RIGHT” button to choose the “BandWidth”.
6. Press “OK” button to “Area Search”.



### NOTE

You can change the frequency and bandwidth by choosing the "Area". Select the configuration menu, set the "Area" at the "System Setup" or choose the Area when the initialization of the STB.

# Operation

## Channel Manager

### Changing Channel

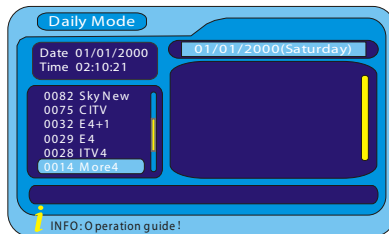
#### 1. Selection by Channel list

- Press “OK” button to enter the “QUICK SELECT”.
- Press “UP” or “DOWN” button to select channel .
- Press “INFO” button to display the navigation window.
- Perform the correlative operation with the guide.



#### 2. Selection by EPG

- Press “EPG” button to the “EPG” window
- Press “UP” or “DOWN” button to select channel.
- Press “INFO” button to display the navigation window.
- Perform the correlative operation with the guide







#### 3. Selection by Number

- Enter the channel list number directly by remote control to select desired channel.

## Organize Channel

1. Press “MENU” button to enter “Main Menu”
2. Press “OK” button to enter “Channel Organizer”
3. Press “UP” or “DOWN” button to a channel for “Organize selection”
4. Press “INFO” button, then perform the correlative operation with the guide



-  RED button: For fav selection
-  GREEN button : For move selection
-  YELLOW button: For lock selection
-  BLUE button: For delete selection

## Channel Sorting

1. Press “MENU” button to enter “Main Menu”
2. Press “OK” button twice to enter Channel Manager
3. Press “CH+ /CH-” button to select “Channel Sorting”
4. Press “OK” button to enter the “Channel Sorting” window
5. Press “INFO” button, then do the correlative operation with the guide



### NOTE

The default password for Lock and Deletion is "0000".  
The super password is "8888".

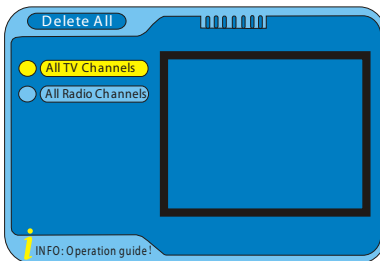
## Channel Grouping

1. Press “MENU” button to enter the Main Menu.
2. Press “OK” button twice to enter Channel Manager.
3. Press “UP” and “DOWN” button to highlight “Channel Grouping”.
4. Press “OK” button to select the “Channel Grouping”.
5. Press “UP” and “DOWN” button to select channel.
6. Press the numeric button to group the selected channel.
7. Press “INFO” button, then choose the correlative operation with the guide.



## Delete All

1. Press “MENU” button to enter the “Main Menu”.
2. Press “OK” button twice to select the “Channel Manager”.
3. Press “UP” and “DOWN” button to highlight “Delete All”
4. Press “OK” button. A password window will display. Enter the password. The default password is “8888”.
5. Press “INFO” button, then choose the correlative operation with the guide.



## Record

You can record the current TV program to the Hard Disk by pressing the “RECORD” button. Press the “stop” button to display an interactive window and choose to stop it or not.

**Note:** Be sure the hard disk has enough space to record. A partition error will appear if the STB loses power while the recording. You can repair or format the hard disk to resolve. The STB only recognises FAT format on HDD's.

## System Set-Up

Many aspects of your STB can be set to reflect your circumstances and preference. The Configuration menu screen is accessed from main menu. The Configuration contains OSD, TV, System Setup, Time, Wakeup Timer, Parental Lock. All the settings will be saved after quitting the main menu.

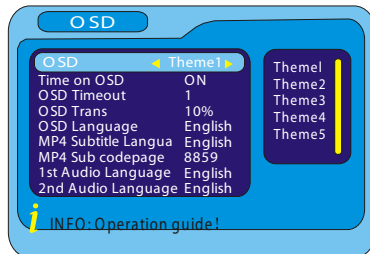
### OSD Set up

This menu allows you to set the OSD information based on the viewer preference.

1. Enter the OSD menu, press “LEFT” or “RIGHT” button to select the desired option.
2. Press “UP” or “DOWN” button to highlight the next option.
3. Press “OK” button to set.

#### NOTE

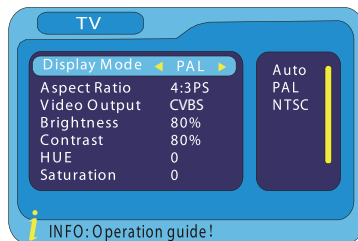
When the “Time on OSD” is on, the function of subtitle is automatic off.



## TV Set up

This menu allows you to set the TV information based on the viewer preference.

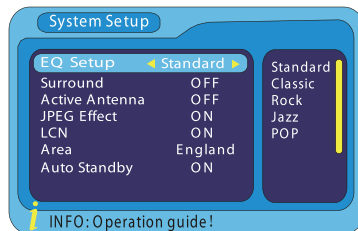
1. Enter the TV menu, press “LEFT” or “DOWN” button to select the desired option.
2. Press “UP” or “DOWN” button to highlight the next option.
3. Press “OK” button to set.



## System Set up

This menu allows you to set the System information based on the viewer preference.

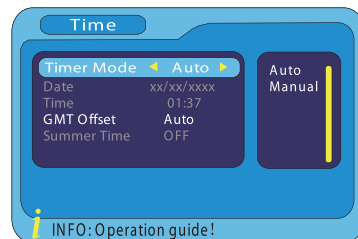
1. Enter the System Setup menu, press “LEFT” or “DOWN” button to select the desired option.
2. Press “UP” or “DOWN” button to highlight the next option.
3. Press “OK” button to set.



## Time

This menu allows you to set the Time information based on the viewer preference.

1. Enter the Time menu, press “LEFT” or “RIGHT” button to select the desired option.
2. Press “UP” or “DOWN” button to highlight the next option.
3. Press “OK” button to set.



## Wakeup Timer

This menu allows you to set the Wakeup Timer information based on the viewer preference. There are 3 ways to enter the Wakeup Timer menu.

Entering through the main menu:

Press “MENU” button to enter the “Main Menu”.

Press “OK” button to enter “Digital TV”.

Press “UP” and “DOWN” button to highlight “configuration”.

Press “OK” button to enter “configuration”.

Press “UP” and “DOWN” button to select “Wakeup timer”.

Press “OK” button to enter the “Wakeup Timer” menu,

Press “LEFT” or “RIGHT” button to select the desired option.

Press “UP” or “DOWN” button to highlight the next option.

Press “OK” button to set.

Entering through the EPG:

Press EPG button to enter the EPG window.

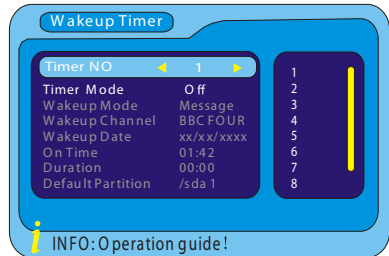
Press “LEFT” to enter the event.

Press “UP” and “DOWN” button to select event.

Press “BLUE” button to enter the “Wakeup Timer” menu.

Entering through the BLUE button:

Press “BLUE” button can enter Wakeup Timer menu directly.



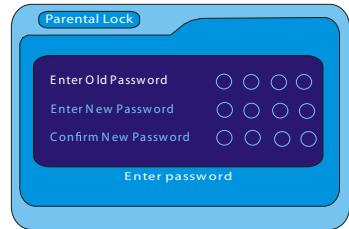
### NOTE

When you complete your setup, you must exit all menus, then system will save your setup.

## Parental Lock

This menu allows you to set the TV information based on the viewer preference.

1. Enter the Parental Lock menu
2. Input a correct password using the numeric buttons



### NOTE

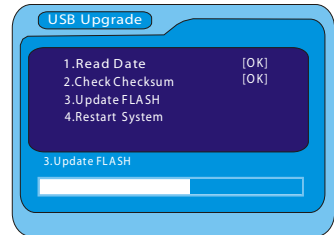
The default password for Lock and Deletion is "0000".  
The super password is "8888".

## Tools

### Software Upgrade

The software may be upgraded via USB

1. Press "MENU" button to enter the "Main Menu" window
2. Press "OK" button to select the "Digital TV"
3. Press "UP" or "DOWN" button to select "Software Upgrade"
4. Press "OK" button to enter the download route, choose the correct upgrade file
5. Press "OK" button to upgrade



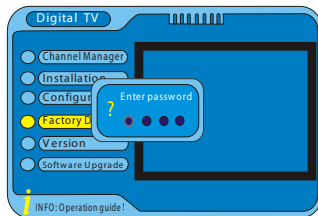
Users may also download and upload channel data via USB

1. Highlight "Download channel data" item, press "OK" button to download channel list named "channeldata.bin" in USB Device
2. Highlight "Upload channel.dat", press "OK" button to enter USB Device and select file "channeldata.bin" then press "OK" button to upload channel list to flash.

## Factory Default

This function allows you to re-set the STB back to factory settings, clearing all existing channels.

1. Enter “Digital TV” menu, select “Factory Default”, press “OK” button. You are asked to input a password.
2. Input a correct password using the numeric buttons (the default password is “8888”). A confirmation window is displayed.
3. Select “Yes” to return back to factory settings and clear all channels. Select “No” to cancel.
4. Press “EXIT” button to exit.



## Version

The Version menu can display some parameters of this STB.

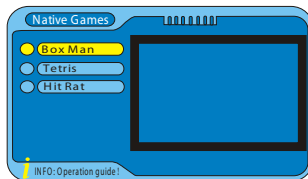
1. Enter the “Digital TV” menu, select the Version, press “OK” button. The Version window will be displayed.



## Games

This function allows you to play games on the STB.

1. Press “MENU” button to display the Main Menu, move the cursor to select the Games item, press “OK” button to confirm.
2. Press “OK” button to enter the “Native Games”. Press “EXIT” button to exit.

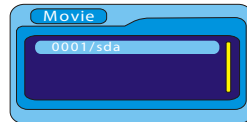


## Multimedia Playing

This function allows you to play video, audio or photo files from USB port.

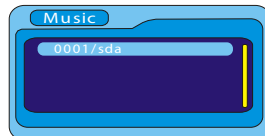
### Movie Playing

1. Press “MENU” button to display the “Main Menu” window.
2. Select “Movie”. Move the cursor to enter the route of the desired video files.
3. Press the “OK” button to play the desired video files.



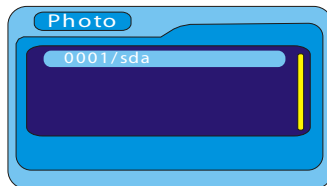
### Music Playing

1. Press “MENU” button to display the “Main Menu” window.
2. Select “Music”. Move the cursor to enter the route of the desired audio files.
3. Press the “OK” button to play the desired audio files.



### Photo Playing

1. Press “MENU” button to display the “Main Menu” window.
2. Select “Photo”. Move the cursor to enter the route of the desired photo files.
3. Press the “OK” button to play the desired photo files.

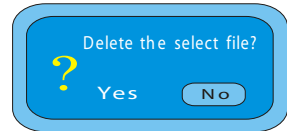
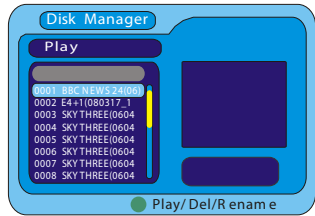


#### NOTE

Press "RED" button once, and then press ◀◀ o ▶▶ button, can zoom the photo at 2,3,4 ,1/2,1 /3,1/ 4.

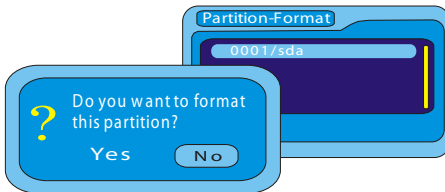
## Disk Manager

1. Press “MENU” button to display the “Main Menu” window. Select “Disk Manager”. The Disk Manager window will displayed.
2. Move “UP” or “DOWN” button to select the desired files. Press the “Green” button to select play, delete one or delete all of the files



## Partition-Format

1. Press “MENU” button to display the “Main Menu” window.
2. Select “Partition-Format”. Press the “OK” button to enter the Partition-Format menu. Move the cursor to highlight the desired HDD.
3. Press the “OK” button to format the partition.



**Note:** When playing the multimedia files, make sure the USB is connected to the STB. When “Movie” is selected, the STB can play the video files or the recorded files. When “Music”/”Photo” is selected, the STB can play the audio files or the photo files. The Disk Manager can play the recorded files only.

## Timeshift

Plugging an external Mass Storage Device to the USB port gives you access to Time Shift a broadcast programme.

- Pause a broadcast programme and continue watching it later (Time Shift)
- Record Time Shift
- When the space available on the Mass Storage Device runs out, recording operation of broadcast will stop

## Timeshift

Initiate:

Time Shift can be done in viewing mode by pressing the “TIME SHIFT “ button.



Trick Modes:

During playback, it is possible to perform the following actions :

- Press “PLAY/PAUSE “ button to play/pause the playback
- Press “FORWARD “ button to fast forward the playback
- Press “BACKWARD “ button to rewind the playback

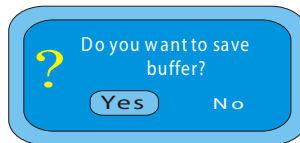
Stop the Time Shift:

Press “EXIT” button to stop Time Shift. Then, a confirmation window appears.

You are asked to save buffer or not:

Select Yes to record Time Shift buffering

Select No to viewing mode displaying the present program



## Troubleshooting

In some regions, the digital terrestrial signal may be weak. Ensure you use a quality antenna to maximise reception.

<b>Problem</b>	<b>Possible cause</b>	<b>What to do</b>
Standby light not lit	Mains lead unplugged Mains fuse blown	Check mains lead Check fuse
No signal found	Aerial is disconnected Aerial is damaged/ misaligned Out of digital signal area	Check aerial lead Check aerial Check with dealer
No picture or sound	Tuned to digital teletext channel	Tune to another channel
Scrambled channel message	Channel is scrambled	Select alternative channel
No response to remote control	Receiver off Handset not aimed correctly Front panel obstructed Hand set batteries exhausted	Plug in and turn on plug Aim handset at front panel Check for obstructions Replace handset batteries
Forgotten channel lock code		Re-install channels to cancel channel lock

Forgotten menu lock code		Contact help line
The remote control will not operate your STB	(1) The batteries in your remote control need replacing (2) There is an obstruction blocking the signal path between the remote control and the box.	(1) Replace the batteries (2) Check that there is nothing in the way of the path between the remote control and the receiver
After moving the STB to another room you find you are no longer able to receive digital reception	The aerial 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

## Specifications

<b>Tuner &amp; Channel</b>	<ul style="list-style-type: none"><li>• RF Input Connector x1 (IEC-TYPE, IEC169-2, Female)</li><li>• RF Output Connector x1 (IEC-TYPE, IEC169-2, Male (Loop through))</li><li>• Frequency Range: 174MHz~230MHz(VHF)&amp;470MHz ~862MHz (UHF)</li><li>• Signal Level: -15 ~ -70 dbm</li></ul>
<b>Decoder</b> <ul style="list-style-type: none"><li>• Transport Stream</li><li>• Profile Level</li><li>• Input Rate</li><li>• Video Formats</li><li>• Audio Formats</li><li>• Video Output</li></ul>	MPEG-2 ISO/IEC 13818 MPEG-2 MAIN PROFILE @MAIN LEVEL MAX. 15Mbit/s AUTO, 4:3PS, 4:3LB, 16:9 SWITCHABLE MPEG Layer I & II, 32 / 44.1 / 48KHz CVBS

<p><b>Connection</b></p> <ul style="list-style-type: none"> <li>• Main Power Cable</li> <li>• Tuner</li> <li>• Spdif</li> <li>• Data Port</li> <li>• RCA output</li> </ul>	<p>Fixed Type</p> <p>RF Input x1, RF Loop Through x1</p> <p>Coaxial x1</p> <p>USB2.0 x1</p> <p>V/R/L x1</p>
<p><b>Power Supply</b></p> <ul style="list-style-type: none"> <li>• Input Voltage</li> <li>• Power Consumption</li> </ul>	<p>AC220-240V ~ 50/60Hz</p> <p>MAX. 5W</p>

**Note:** Design and Specifications are subject to change without notice.



[support@shintaro.com.au](mailto:support@shintaro.com.au)