

HD Set Top Box

User Manual



SH-HDST02

shintaro.com.au



HD Set Top Box

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Safety Information

CAUTION:



To reduce the risk of fire and electric shock, do not remove the cover (or back) of the unit. Refer servicing only to qualified service personnel.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” the within product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and servicing instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE

The apparatus should not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, should be placed on the apparatus. Batteries should not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

IMPORTANT SAFEGUARDS:

In addition to the careful attention devoted to quality standards in the manufacture of your video product, safety is a major factor in the design of every instrument. However, safety is your responsibility, too. This sheet lists important information that will help to assure your enjoyment and proper use of the video product and accessory equipment. Please read them carefully before operation and using your video product.

INSTALLATION:

Read and Follow Instructions. All the safety and operation instructions should be read before the video product is operated. Follow all operating instructions.

Retain Instructions - The safety and operating instructions should be retained for future reference. Comply with all warnings on the video product and in the operating instructions.

Polarization - To prevent electric shock, do not use this polarized plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted without blade exposure. If you need an extension cord, use a polarized cord.

Power Sources - This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your video dealer or local power company. For video products intended to operate from battery power, or other sources, refer to the operating instructions.

Overloading - Do not overload wall outlets or extension cords as this can result in a risk of fire or electric shock. Overloaded AC outlets, extension cords, frayed power cords, damaged or cracked wire insulation, and broken plugs are dangerous. They may result in a shock or fire hazard. Periodically examine the cord, and if its appearance indicates damage or deteriorated insulation, have it replaced by your service technician.

Power-Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords where they exit from the product.

Ventilation - Slots and openings in the case are provided for ventilation to ensure reliable operation of the video product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or heat register. This video product should not be placed in a built-in installation such as a book case or rack, unless proper ventilation is provided or the video product manufacturer's instructions have been followed.

Attachments - Do not use attachments unless recommended by the video product manufacturer as they may cause hazards.

Water and Moisture - do not use this video product near water for example, near a bath tub, washbowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool and the like.

Caution: Maintain electrical safety. Powerline operated equipment or accessories connected to this unit should bear safety certification mark on the accessory itself and should not be modified so as to defeat the safety features. This will help avoid any potential hazard from electrical shock or fire. If in doubt, contact qualified service personnel.

Accessories - Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult as well as serious damage to the video product. Use this video product only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the video product. Any mounting of the product should follow the manufacturer's instructions and use of a mounting accessory recommended by the manufacturer. A video product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the video product and cart combination to overturn.

Power Lines - An outside antenna system should not be located in the vicinity of overhead power lines, other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching or approaching such power lines or circuits, as contact with them might be fatal. Installing an outdoor antenna can be hazardous and should be left to a professional antenna installer.

USE:

Cleaning - Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Objects that may touch dangerous voltage points or "short-out" parts could result in a fire or electric shock. Never spill liquid of any kind on the video product.

Lightning - For added protection for this video product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power line surges.

SERVICE:

Servicing - Do not attempt to service this video product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Conditions Requiring Service - Unplug this video product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- A. When the power-supply cord or plug is damaged.
- B. If liquid has been spilled, or objects have fallen into the video product.
- C. If the video product has been exposed to rain or water.
- D. If the video does not operate normally by following the operating instructions.
Adjust only those controls that are covered by operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video product to its normal operation.
- E. If the video product has been dropped or cabinet has been damaged.
- F. When the video product exhibits a distinct change in performance-this indicates a need for service.

Replacement Parts - When replacement parts are required, have the service technician verify that the replacements he uses have the same safety characteristics as the original parts. Use of replacements specified by the video product manufacturer can prevent fire, electric shock, or other hazards.

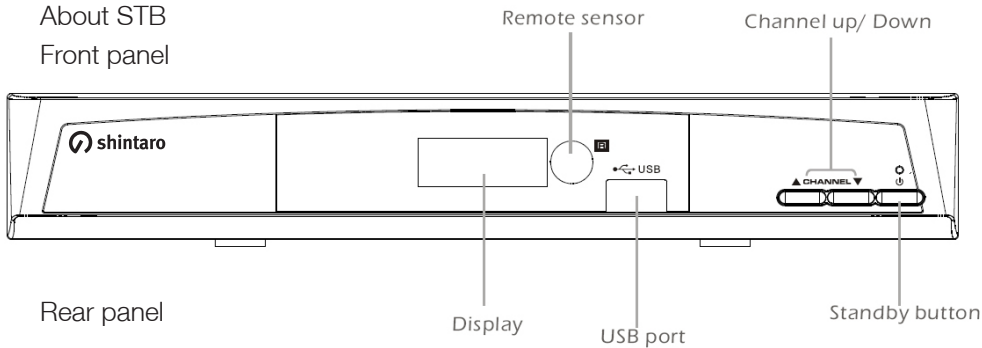
Safety Check - Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks recommended by the manufacturer to determine that the video product is in safe operating condition.

Wall or Ceiling Mounting - The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

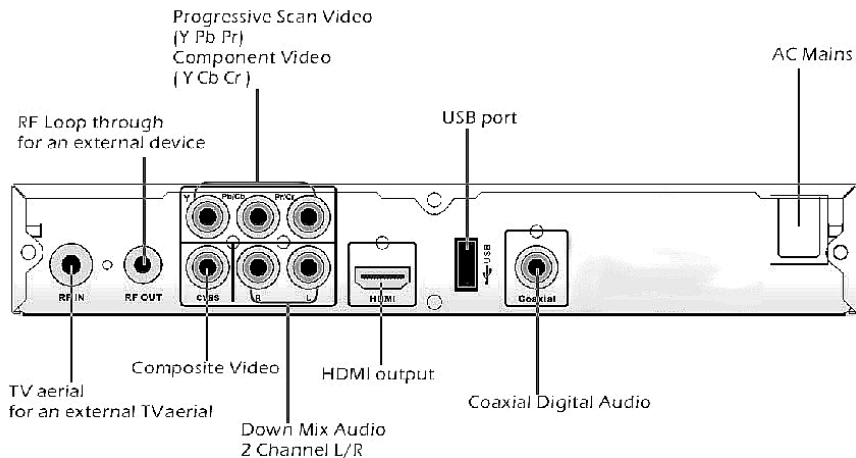
Heat - The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that products heat.

Introduction

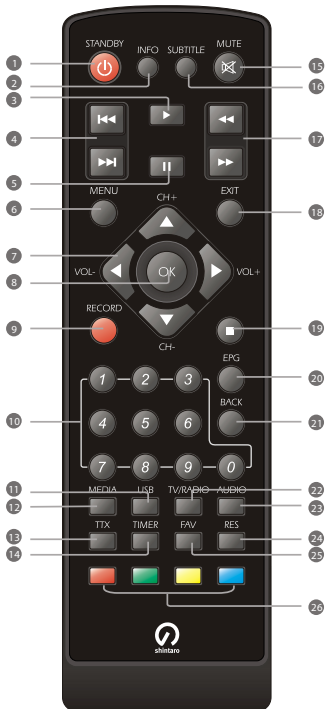
About STB
Front panel



Rear panel



Remote control



1. STANDBY (switch the STB on and standby)
2. INFO (Press for current channel information/ Operation guide)
3. PLAY

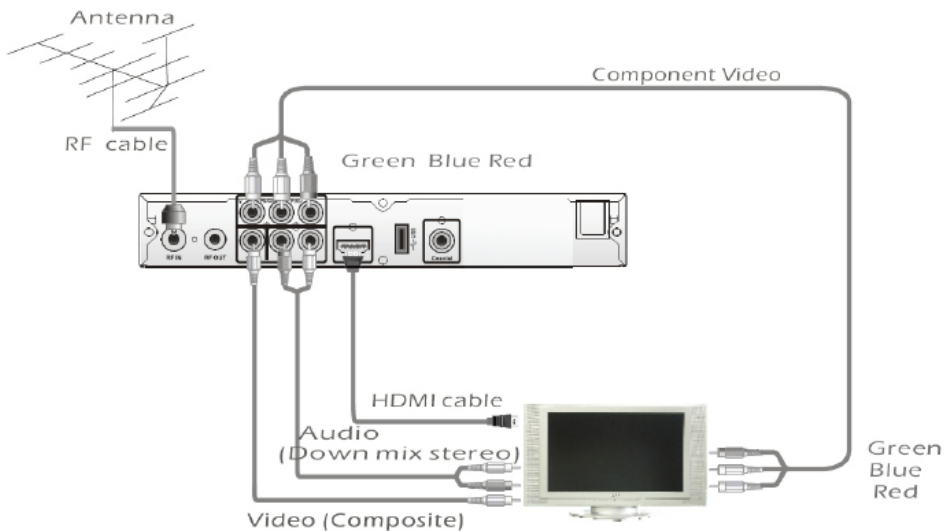
4. PREVIOUS/NEXT
5. PAUSE (Pause/Active timeshift function)
6. MENU (Open and close the menu screen)
7. Cursor/CH+, -/VOL+,- (Cursor: Navigation buttons used to navigate menu items) (CH+/-: Channel Up and Down) (VOL+/-: Volume Up and Down)
8. OK button (Confirm a selection within a menu)
9. RECORD (Record the TV program)
10. Numeric entry (Enter numeric values and select the channel directly by entering its number)
11. USB (Enter File Manager)
12. MEDIA (Enter Recorder menu)
13. TTX (Open interactive service)
14. TIMER (Timer wake-up)
15. MUTE (Turn off/on the volume)
16. SUBTITLE (On/Off Subtitle)
17. Search backward /forward
18. EXIT (Exit from menu)
19. STOP (Stop program playback or recording)
20. EPG (Open up Electronic Program Guide Menu)
21. BACK (Switch to previous channel)
22. TV/RADIO (Switch between TV and Radio)
23. AUDIO (Select audio mode and audio track)
24. RES (Switch HDMI resolution)
25. FAV (Open the Favorite list)
26. RED/GREEN/YELLOW/BLUE Buttons (For interactive function/Submenu function buttons)

System Connection

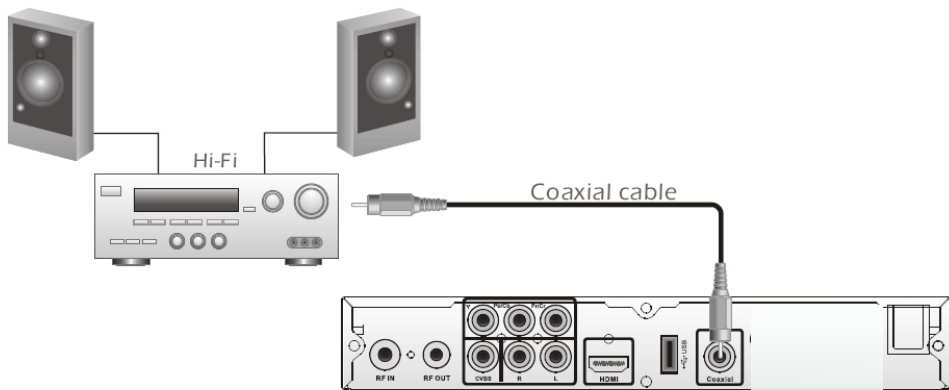
General

There are many different types of TV and other equipment that you can connect to the STB. In this manual you will see some of the most common ways to connect your equipment.

Connection to the TV and video recorder



Connecting a HiFi system



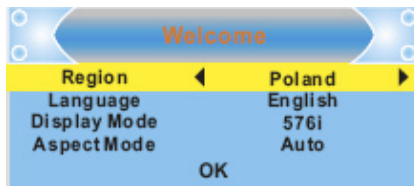
Getting Started

Welcome

If you use the STB for the first time, the “Welcome” menu appears.

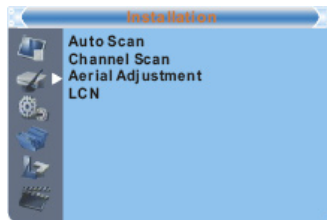
Press cursor button to setup the Region, Language, Display Mode and Aspect Mode.

Highlight “OK” and press the “OK” button to start channel search.



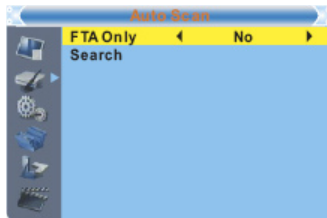
Installation

1. Press the “MENU” button to enter main menu.
2. Press “UP” or “DOWN” button to highlight “Installation”, press
3. “RIGHT” button to enter the Installation menu.
4. Press “UP” or “DOWN” cursor button to highlight the desired item and press “OK” button to enter the sub-menu .
5. Press “EXIT” button to exit.



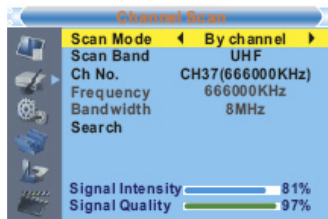
Auto Scan

1. Select the “Auto Scan”, press “OK” button to enter the Auto Scan menu.
2. Press the cursor button to set “FTA Only”, then highlight “Search”, press the “OK” button to start auto scan .



Channel Scan

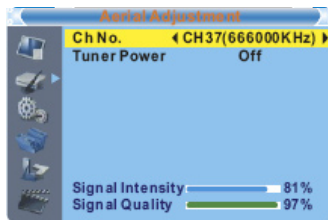
1. Select “Channel Scan”, press the “OK” button to enter the Channel.
2. Scan menu.
3. Press cursor button to set Scan mode, Scan Band,
4. Channel No, Frequency and Bandwidth, then highlight “Search”, press “OK” button to start channel scan .



Channel Scan mode:
By channel
By frequency

Aerial Adjustment

1. Select the “Aerial Adjustment”, press”OK” to enter the Aerial.
2. Adjustment.
3. Press the cursor button to set the desired setting.
4. When “Tuner Power” is selected “On”, the STB will provide 5V power to antenna.
5. It will not provide when selected “Off”.



LCN

If LCN (Logical Channel Number) Select function is activated, you can't change the original number of TV channels by scanning. You can activate/disactivate the LCN function by setting the “LCN Mode” to on/off.

Operation

Changing Channels

There are three ways of channel selection - stepping through the channel list, selection by number and from the on-screen channel list.

1. Stepping through the channel list:
To move through the channel list, press the upward arrow or downward arrow key on the remote control.
2. Selected by number:
Enter the channel number directly by pressing numeric buttons ,and press the “OK” button to select desired channel.
3. Selected by on-screen channels list:
You can also select the required channel directly from on-screen channel list. This is displayed using the STB’s main menu. See “Edit Channel” in this manual for operation detail.

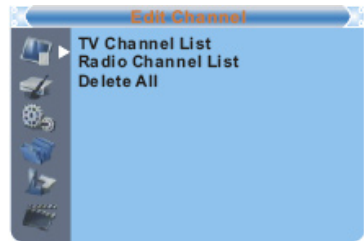
Accessing the Electronic Program Guide (EPG)

1. Press “EPG” button to enter EPG menu.
2. Press cursor button to switch between channel list, events schedule of the selected channel and now/next events.
3. Press “Green” button to Timer the events.
4. Press “Red” button to display “ Time Bar” menu.



Edit Channel

1. Press the “MENU” button to enter main menu.
2. Press “UP” or “DOWN “ button to highlight “Edit Channel”, press “RIGHT” button to enter the Edit Channel menu.
3. Press “UP” or “DOWN” cursor button to highlight the desired item and press “OK” button to enter the sub-menu .
4. Press “EXIT” button to exit.

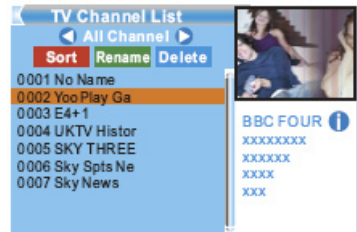


TV Channel list

1. In the Edit Channel menu, select “TV Channel List”, press “OK” button to enter TV channel list menu.
2. Press “UP” or “DOWN” button to highlight channel, press the “OK” button to preview the desired TV channel.

Use this menu to favor, lock, skip, move, sort, delete and rename channel.

- Press “FAV” button, then press “OK” button to edit the FAV function.
- Press “color” button, then press “OK” button to edit the corresponding function.



Radio Channel list

1. In the Edit Channel menu, select “Radio Channel List”, press “OK” button to enter the Radio Channel list menu.
2. Press “UP” or “DOWN” button to highlight channel press the “OK” button to listen the desired TV channel.

NOTE: Basically, the operation of “Radio Channel List” is the same as “TV Channel List” but there is one difference: In “Radio Channel mode, there is no video information. So it will always display the Radio logo in the right side preview window.

Delete All /Delete All Favorites

1. In the Edit Channel menu, select “Delete All”, press “OK” button.
2. A warning window appears.
Select “Yes”, press “OK” button to delete all channels
Select “No”, Press “OK” button to cancel deleting

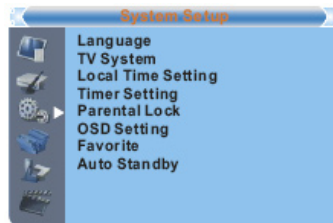


The operation of “Delete All Favorites” is the same as “Delete All”.

System Setup

System setup menu allows you to set Language, TV System, Local Time Setting, Timer Setting, Parental Lock, OSD Setting, Favorite and Auto Standby.

1. Press the “MENU” button to enter main menu.
2. Press “UP” or “DOWN” button to highlight “System Setup”.
3. Press “RIGHT” button to enter the System Setup menu.
4. Press “UP” or “DOWN” cursor button to highlight the desired.
5. item and press “OK” button to enter the sub-menu.
6. Press “EXIT” button to exit.



Language

This menu allows you to set Language.



TV System

This menu allows you to set Video Resolution, Aspect Mode, Video Output and Digital Audio Output

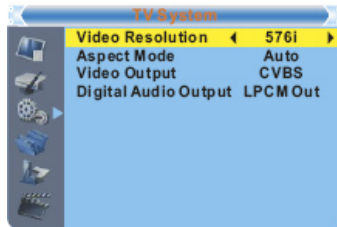
Video Resolution:

480i/480p/576i/576p/720p/1080i/1080p

Aspect Mode: Auto/4:3PS/4:3LB/16:9

Video Output: CVBS/RGB

Digital Audio Output: LPCM Out/ BS Out



Local Time Setting

This menu allows you to set the region and time.

Region: This menu is used for changing the region setting.

Gmt Usage: This menu is used to open the usage of GMT. The options are : Off / On

Gmt Offset: This menu is valid only when selected Uesr Define is in GMT Usage menu . The GMT offset range is “-11:30 ~ +12:00”, increasing half hour progressively.

Date: “Date” and “Time” menus are valid only when selected “Off” in GMT Usage menu.

Time: Press numeric buttons to input the time.



Timer Setting

This menu allows you to set the program timer. You can set 8 timers.

Timer Mode: Off/Once/Daily

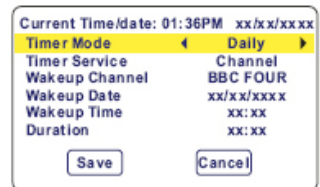
Timer Service: Channel/Record

Wake up Channel: You can select a desired channel as the wakeup channel

Wake up Date: Press numeric button to input date.

Wake up Time: Press numeric button to input the time.

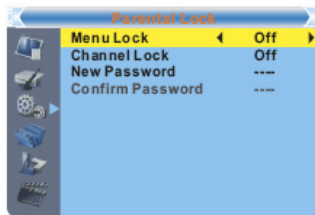
Duration: Press numeric button to input the duration time.



Parental Lock

This menu allows you to protect the menu and channels, and change the Password.

1. In “System Setup” menu, select “Parental Lock” and press “OK” button. You are asked to input a password (the default password is “0000”).
2. After inputting the correct password by pressing the numeric buttons, the parental lock menu appears.



Menu Lock: To lock the Edit channel/installation/System setup/Tools/REC menu. When you want to enter these menus, you must input the password. You can set menu lock to on/off.

Channel Lock: Off/ AGE 10/AGE 12/AGE 16/AGE 18

New Password: To change the password

Confirm Password: To confirm the new password

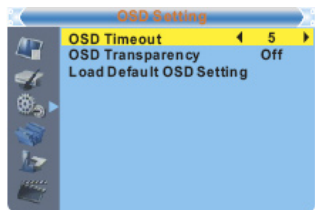
OSD (On Screen Display) Setting

This menu allows you to set OSD Timeout, OSD Transparency and load default OSD setting.

OSD Timeout: 1-10

OSD Transparency: To set the OSD transparency to Off/10%/20%/30%/40%.

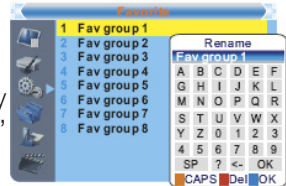
Load Default OSD Setting: To clear all OSD setting and reset parameters as default value.



Favorite main menu

This menu allows you to rename the favorite group.

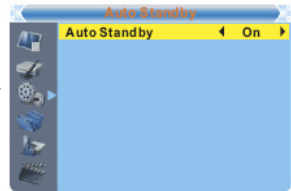
1. In Channel menu, select “Favorite”, press “OK” button to enter Favorite menu.
2. Select desired group, press “OK” button to open the digital keypad. Input letter and numeric one by one by pressing the cursor button and press “OK” button to confirm. After finishing input, highlight “OK” on digital keypad to confirm that you have changed the Favorite group name successfully.
3. Press “EXIT” button to quit the group rename menu.



Auto Standby

On - No command to STB on front panel or remote in 3 hours and no timer event, the STB will enter standby mode automatically.

Off - The STB can't enter standby mode automatically.



TOOLS

Tools main menu

1. Press the “MENU” button to enter main menu.
2. Press “UP” or “DOWN” button to highlight “Tools”, press “RIGHT” button to enter the Tools menu.
3. Press “UP” or “DOWN” cursor button to highlight the desired item and press “OK” button to enter the sub-menu.
4. Press “EXIT” button to exit.



Information

This menu can display some parameters of bootloader, HDCP Key, maincode, radioback, countryband and user information in this STB.

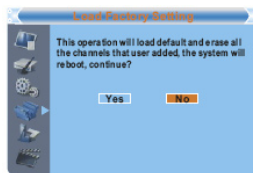
1. In “Tools” menu, select “Receiver Information”, press “OK” button to open receiver information window.
2. Press “EXIT” button to exit.



Load Factory Setting

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

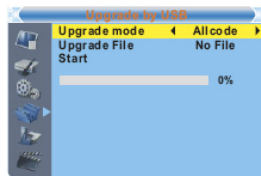
1. In the “Tools” menu, select “Load Factory Default”, press “OK” button. You are asked to input a password (the default password is “0000”).
2. A confirmation window is displayed. Select “Yes” to return back to factory settings and clear all channels. Select “No” to cancel back to factory settings.
3. Press “EXIT” button to exit.



Software Upgrade

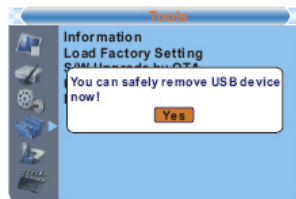
You can choose to upgrade the software version by OTA or by USB.

1. Enter “Tools” menu, select “S/W Upgrade by OTA” or “Upgrade by USB”, press “OK” button, Software Upgrade menu is shown.
2. Press cursor button to select the desired item, then highlight “Start” and press “OK” button to start upgrade.
3. Press “EXIT” button to exit.



Remove USB device safely

In “Tools” menu, select “Remove USB device safely”, Press “OK” button to confirm. Then a window is displayed. Press “OK” button again.



GAMES

Games

This menu allows you to play games.

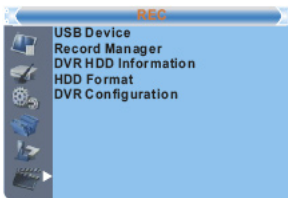
1. Press the “MENU” button to enter main menu.
2. Press “UP” or “DOWN” button to highlight “Game”, press “RIGHT” button to enter the Game menu.
3. Press “UP” or “DOWN” cursor button to highlight the desired item and press “OK” button to enter the game.
4. Press “EXIT” button to exit.



REC & MEDIA

REC main menu

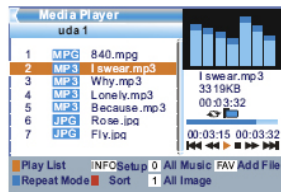
1. Press the “MENU” button to enter main menu.
2. Press “UP” or “DOWN” button to highlight “REC”, press “RIGHT” button to enter the REC menu.
3. Press “UP” or “DOWN” cursor button to highlight the desired item and press “OK” button to enter the sub-menu.
4. Press “EXIT” button to exit.



USB Device

This function allows you to play files from USB port .

1. In “Tools” menu, select “USB Device”, press “OK” button to enter Media Player menu.
2. Press “UP” or “DOWN” cursor button to select a desired item, and press “OK” button to play the desired files.
3. Press “EXIT” button to exit.



Record Manager

This menu allows you to play the record files.

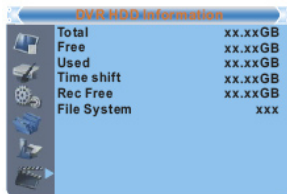
1. In “REC” menu, select “Record Manage”, press “OK” button to enter Record Manage menu.
2. Press “UP” or “DOWN” cursor button to select a desired item, and press “OK” button to play the desired files.
3. Press “EXIT” button to exit.



DVR HDD Information

This menu can display some parameters of Removable Disk.

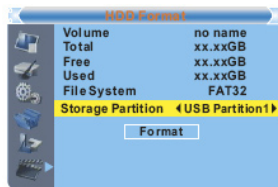
1. In “REC” menu, select “DVR HDD Information”, press “OK” button to open DVR HDD information window.
2. Press “EXIT” button to exit.



HDD Format

This menu allows you to format the disk.

1. In “REC” menu, select “HDD Format”, press “OK” button to open HDD Format menu.
2. Highlight “Storage Partition”, press “LEFT” or “RIGHT” cursor button to change Partition.
3. Highlight “Format”, press “OK” button. A window appears. Select FAT/NTFS, press “OK” button to format. Select “Cancel”, Press “OK” button to cancel.



DVR Configuration

This menu allows you to set the DVR Configuration.

Press “UP” or “DOWN” cursor button to select desired item, press “LEFT” or “RIGHT” cursor button to change the setting.



- TimeShift On/Off
- Timeshift to Record On/Off
- Record Type TS/PS
TS: Transportation stream which includes information like teletext, subtitle, epg etc.
*PS: Program stream which will be packeted with the file format of *.mpg and be also played backed by PC or other devices.*
- Record Selection You can press “LEFT” or “RIGHT” cursor button to change Selection.
- Standby after record On/Off

TIMESHIFT/RECORD

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

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

NOTE: Please use a flash drive or HDD>2GB for recording.

Timeshift

Initiate

- Time Shift can be done in viewing mode by pressing the “PAUSE” button.
- Press “RIGHT” or “LEFT” button to move the cursor to the time you wish to view.
- Press “OK” button to confirm.



Trickmodes

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

- Press “PAUSE” button to pause the playback
- Press “FORWARD” button to fast forward the playback
- Press “BACKWARD” button to rewind the playback

Stop the Time Shift

Press “STOP” button to stop TimeShift.

Record

Instant record

- In viewing mode, press “RECORD” button to instantaneously start a record on the current channel.
- If “RECORD” button is pressed again, the instant record switches to duration mode. Press “STOP” button to stop recording, then a confirmation window appears.
- Select “Yes” to stop recording. Select “No” to continue recording.

NOTE: Please use USB 2.0 USB HDD or Flash drive for recording and timeshift. Due to the wide variety of such devices available, compatibility with all devices cannot be guaranteed.

TROUBLESHOOTING

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

Problem	Possible cause	What to do
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
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 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

Troubleshooting

<p>The remote control will not operate your STB</p>	<p>(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.</p>	<p>(1) Replace the batteries (2) Check that there is nothing in the path between the remote control and the receiver</p>
<p>After moving the STB to another room you find you are no longer able to receive digital reception</p>	<p>The former aerial feed point may come through a distribution system which may reduce the digital signal now received by the box.</p>	<p>Try a direct feed from the antenna</p>

For updated Frequently Asked Questions (FAQ) please refer to **www.Shintaro.com.au**

Specifications

Tuner & Channel	Rf Input Connector X1 (Iec-Type, Iec169-2, Female) Rf Output Connector X1 (Iec-Type, Iec169-2, Male (Loophrough)) Frequency Range: 174mhz~230mhz(Vhf) 470mhz ~862mhz (Uhf) Signal Level: -15 ~ -70 Dbm
Features <ul style="list-style-type: none">• Video Decoder• Audio Decoder• Video Formats• Modulation• Video Output• Modulation	MP3, JPEG, AVI, MPEG, VOB, TS, TP, MKV, MP4, MOV, DIVX MPEG-1 Layer 1,2 PCM/HE-AAC V1.0 4:3/4:3PS/16:9/AUTO CVBS, RGB QPSK, 16QAM, 64QAM

<p>Connection</p> <ul style="list-style-type: none"> • Main Power Cable • Tuner • Spdif • Data Port • HDMI • Analog Audio Output • Composite / Component Video Output 	<p>Fixed Type</p> <p>Antenna Input x1, RF Output x1</p> <p>Coaxial x1</p> <p>USB slot</p> <p>HDMI Output x1</p> <p>Down Mix Stereo output (Left and Right) x1</p> <p>Video (composite) output x1</p> <p>Y Pb Pr Component Video output x1</p>
<p>Power Supply</p> <ul style="list-style-type: none"> • Input Voltage • Power Consumption 	<p>AC220~240V, 50/60Hz</p> <p>MAX. 8W</p>

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



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