

OPTICUMTM

SET TOP BOX

Digital receiver

Lion2 mini

OWNER'S MANUAL



Read this manual before installation and use.

English

SAFETY INFORMATION

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



of the unit. Refer servicing

CAUTION: To reduce the risk of fire and electric shock, do not remove the cover (or back panel) to qualified service personnel.



The lightning flash with arrow head symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the 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.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT AND FULLY INSERT.

The apparatus shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, shall be placed on the apparatus.

IMPORTANT SAFEGUARDS

In addition to the careful attention devoted to quality standards in the manufacturing of your set-top box, 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 set-top box and accessory equipment. Please read them carefully before operation and using your set-top box.

Installation

1. Read and Follow Instructions-All the safety and operation instructions should be read before the set-top box is operated. Follow all operating instructions.
2. Retain Instructions-The safety and operating instructions should be retained for future reference.
3. Heed all Warnings-Comply with all warnings on the set-top box and in the operating instructions.
4. Polarization-Some set-top box are equipped with a polarized alternating-current line plug. This plug will fit into the power outlet, trying reverse the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. 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.
5. Power Sources-This set-top box should only be operated with the rating specified on the label on the back panel of the set-top box. If you are not sure of the type of power supply to your home or office, please consult your set-top box dealer or electrician. For set-top box intended to operate from battery power, or other sources, refer to the operating instructions.
6. 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 indicate damage or deteriorated insulation, have it replaced by your service technician.
7. Power-Cord Protection-Power-supply cords should be routed so that they are not likely to be walked on or damaged by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the set-top box.
Where the MAIN plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
8. Ventilation-Slots and openings in the case are provided for ventilation to ensure reliable operation of the set-top box and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the set-top box on a bed, sofa, rug, or heat register. This set-top box should not be placed in a built-in installation such as a book case or rack, unless proper ventilation is provided or the set-top box manufacturer's instructions have been followed.
9. Attachments-Do not use attachments unless recommended by the set-top box manufacturer as they may cause hazards.
10. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases shall be placed on the apparatus.
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 and should not be modified so as to compromise the safety features. This will help avoid any potential hazard from electrical shock or fire. If in doubt, contact qualified service personnel.
11. Accessories-Do not place this set-top box on an unstable cart, stand, tripod, bracket, or table. The set-top box may fall, causing serious injury to a child or adult as well as serious damage to the set-top box. Use this set-top box only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the set-top box. Any mounting of the product should follow the manufacturer's instructions and use of a mounting accessory recommended by the manufacturer.
A set-top box and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause damage to the set-top box.
12. Outdoor Antenna Grounding-If an outside antenna or cable system is connected to the set-top box, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984 [Section 54 of Canadian Electrical Code, Part I] provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.
13. 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
14. Cleaning-Unplug this set-top box from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
15. 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 set-top box.
16. Lightning-For added protection for this set-top box 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 set-top box due to lightning and power line surges.
Service
17. Servicing-Do not attempt to service this set-top box yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
18. Conditions Requiring Service-Unplug this set-top box 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 set-top box.
C. If the set-top box 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 set-top box to its normal operation.
E. If the set-top box has been dropped or cabinet has been damaged.
F. When the set-top box exhibits a distinct change in performance-this indicates a need for service.
19. 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 set-top box manufacturer can prevent fire, electric shock, or other hazards.
20. Safety Check-Upon completion of any service or repairs to this set-top box, ask the service technician to perform safety checks recommended by the manufacturer to determine that the set-top box is in safe operating condition.
21. Wall or Ceiling Mounting-The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
22. Heat-The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

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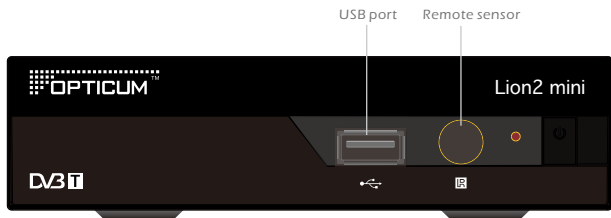
SPECIFICATIONS

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INTRODUCTION

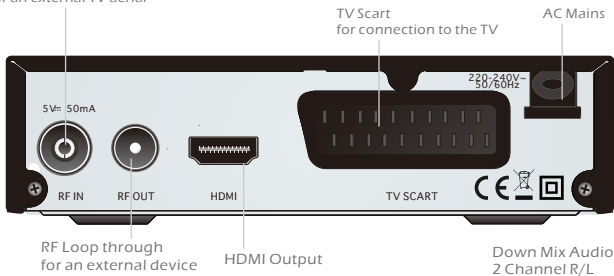
About STB

Front panel

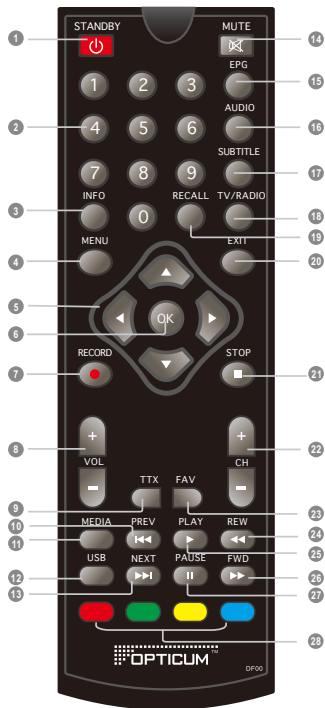


Rear panel

TV aerial
for an external TV aerial



Remote control



- 1 STANDBY
(switch the STB on and standby)
- 2 Numeric entry
(Enter numeric values and select the channel directly by entering it's number)
- 3 INFO
(Press for current channel information)
- 4 Menu
(Open and close the menu screen)

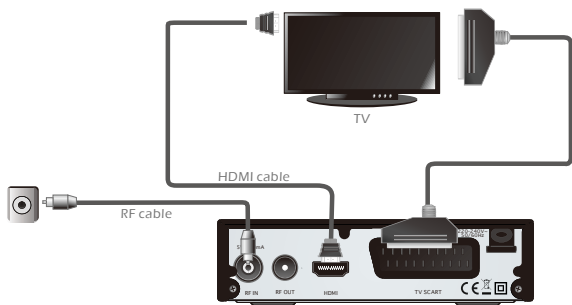
- 5 Cursor/CH+/-/VOL+/-
(Cursor: Navigation buttons used to navigate menu items)
(CH+/-: Channel Up and Down
(VOL+/-:Volume Up and Down)
- 6 OK button
(Confirm a selection within a menu)
- 7 RECORD
(Record the TV program)
- 8 VOL+/-
(VOL+/-:Volume Up and Down)
- 9 TTX (Open interactive service)
- 10 PREV[previous]
- 11 MEDIA
(Enter Record menu)
- 12 USB
(Enter Music menu)
- 13 NEXT
- 14 MUTE (Turn off/on the volume)
- 15 EPG
(Open up Electronic Program Guide Menu)
- 16 AUDIO
(Select audio mode and audio track)
- 17 SUBTITLE (On/Off Subtitle)
- 18 TV/RADIO
(Switch between TV and Radio)
- 19 RECALL
(Switch to previous channel)
- 20 EXIT (Exit from menu)
- 21 STOP
- 22 CH+/-
(CH+/-: Channel Up and Down)
- 23 FAV
(Open the Favorite list)
- 24 REV
(Press REV button to rewind the playback)
- 25 PLAY
- 26 FWD
(Press FWD button to fast forward the playback)
- 27 PAUSE(Pause/Active timeshift function)
- 28 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.

Connecting the TV



GETTING STARTED

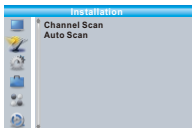
Welcome

If you use the STB for the first time, the "Welcome" menu appears. Press cursor button to setup the Region, Language, Display Mode, Aspect Mode and Network. Highlight "OK" and press the "OK" button to start channel search.



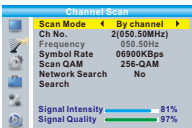
Installation

- 1 Press the "MENU" button to enter main menu.
- 2 Press "UP" or "DOWN" button to highlight "Installation", press "RIGHT" button to enter the Installation 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.



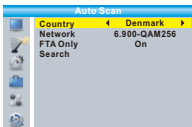
Channel Scan

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



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.



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)

Accessing the EPG of all channels:

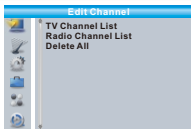
- ① Press "EPG" button to enter EPG menu .
- ② Press cursor button to switch between channel list, events schedule of the selected channel and now/next events.
- ③ Press "Green" button to Timer the events.
- ④ Press "Red" button to display " Time Bar " menu.



EDIT CHANNEL

Edit Channel menu

- 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.

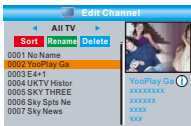


TV Channel list

- 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 Radio channel.

NOTE: Basically, the operation of "Radio Channel List" is the same as "TV Channel List", but there is one point different: In "Radio Channel List" mode, there is no video information, so it will always display Radio's logo in the right side preview window.

Delete All

- 1 In the Edit Channel menu, select "Delete All", press "OK" button. You are asked to input a password (the default password is "0000").
- 2 A warning window appears. Select "Yes", press "OK" button to delete all channels. Select "No", Press "OK" button to cancel deleting.

Warning! Do you really want to delete all channels?

Yes

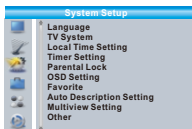
No

SYSTEM SETUP

System setup menu

System setup menu allows us to set Language, TV System, Local Time Setting, Timer Setting, Parental Lock, OSD Setting, Favorite, Auto Description Setting, Multiview Setting and Other.

- 1 Press the "MENU" button to enter main menu.
- 2 Press "UP" or "DOWN" button to highlight "System Setup", press "RIGHT" button to enter the System Setup 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.



Language

This menu allows you to set Language.



TV System

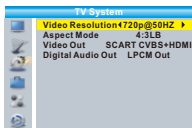
This menu allows us to set Video Resolution, Aspect Mode and Digital Audio Out.

Video Resolution: By Source/By Native/480i/480p/576i/576p/720p@50HZ/720p@60HZ/1080i@50HZ/1080i@60HZ/1080p@50HZ/1080p@60HZ

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

Video Out: SCART CVBS+HDMI/SCART RGB

Digital Audio Out: 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.

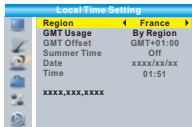
GMT Usage: This menu is used for open the usage of GMT. The options are : By Region/User Define/Off

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

Summer Time: The options are: On/Off

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

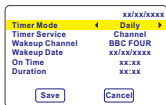
Time: Press numeric button to input the time.



Timer Setting

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

Timer Mode:	Off/Once/Daily/Weekly/Monthly
Timer Service:	Channel/Record
Wakeup Channel:	You can select a desired channel as the wakeup channel.
Wakeup Date:	Press numeric button to input date.
On 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 menu and channel, and change the Password.

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

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

Rating Lock: Off/ AGE 4/AGE5/AGE6/AGE7/AGE8/AGE9/AGE10/AGE11/AGE12/AGE13/AGE14/AGE15/AGE16/AGE17/AGE18

New Password: To change the password.

Confirm Password: To confirm the new password.

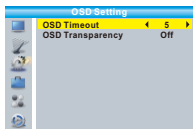


OSD Setting

This menu allows you to set OSD Timeout and OSD Transparency .

OSD Timeout: 1-10

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



Favorite

This menu allows you to rename the favorite group.

- In Channel menu, select "Favorite", press "OK" button to enter Favorite menu.
- Select desired group, press "OK" button to open the mock 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 mock keypad to confirm, you change Favorite group name successfully.
- Press "EXIT" button to quit the group rename menu.



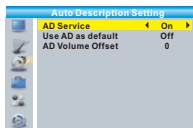
Auto Description Setting

This menu allows us to set AD Service, Use AD as default and AD Volume Offset:

AD Service: On/Off

Use AD as default: On/Off

AD Volume Offset: -3~3

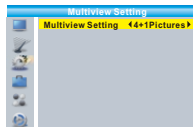


Multiview Setting

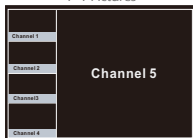
This menu allows us to set Multiview

- In "System Setup" menu, select "Multiview Setting" and press "OK" button, you can select your desired item 4+1 Pictures or 3x3 Pictures.
- After you select your desired item, press "EXIT" button to exit the main menu, then press "BLUE" button to enter multiview.

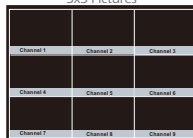
Multiview Setting: 4+1 Pictures/3x3 Pictures



4+1 Pictures



3x3 Pictures



Other

This menu allows us to set LNB Power, Channel Play Type, Beeper and Auto Standby.

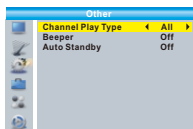
Channel Play Type: All/Free/Scrambled

Beeper: On/Off

Auto Standby: 30Min/1 Hour/2 Hour/3 Hour/Off

No command to STB on front panel or Remoter in 30 Min- 3 hours and no timer event, the STB will enter standby mode automatically.

If Off is selected, the STB can't enter standby mode automatically.



TOOLS

Tools main menu

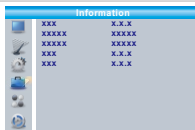
- 1 Press the "MENU" button to enter main menu.
- 2 Press "UP" or "DOWN" button to highlight "Tools", press "RIGHT" button to enter the Tools menu.
- 3 Press "UP" or "DOWN" cursor button to highlight the desired item and press "OK" button to enter the sub-menu.
- 4 Press "EXIT" button to exit.



Information

This menu can display some parameters information in this STB.

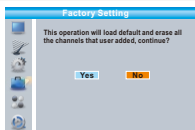
- 1 In "Tools" menu, select "Information", press "OK" button to open information window.
- 2 Press "EXIT" button to exit.



Factory Setting

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

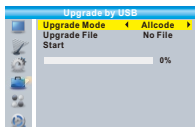
- 1 In the "Tools" menu, select "Factory Default", press "OK" button. You are asked to input a password (the default password is "0000").
- 2 A confirmation window is displayed. Select "Yes" to return back to factory settings and clear all channels. Select "No" to cancel back to factory settings.
- 3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



Software Upgrade

We offer the functions for user to upgrade 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.



GAME

Game

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 main menu

- Press the "MENU" button to enter main menu.
- Press "UP" or "DOWN" button to highlight "REC", press "RIGHT" button to enter the REC menu.
- Press "UP" or "DOWN" cursor button to highlight the desired item and press "OK" button to enter the sub-menu.
- Press "EXIT" button to exit.



Media Player

This function allows you to play files from USB port .

- In "REC" menu, select "Media Player", press "OK" button to enter Media Player menu.
- First you enter media player window, the highlight is on the USB/HDD device. Press "Down" button to move the highlight to directory and file field.
- Press "1" button, you can switch TAB between Music/Image/Video/Record.
- Press "UP" or "DOWN" cursor button to select a desired item, and press "OK" button to play the desired files.
- Press "EXIT" button to exit.

Music:

"RED" button: Press "RED" button to show Play List.

"GREEN" button: Move the highlight to the file which you want to add to play list, then press "Green" button to add. It will mark a favorite icon on the file.

"YELLOW" button: Press "Yellow" button to add all file of current directory to play list. Press again to delete all file of current directory from the play list.

"BLUE" button: Press "Blue" button to enter to edit sub-menu.

"2" button: Press "2" button to open the sort window. You can sort by Name/Time/Size/Favorite.

"INFO" button: Press "INFO" button to set repeat mode. The option is Repeat Folder/Random Folder/Repeat One.

"EXIT" button: Return to parent directory.

Image:

"RED" button: Press "Red" button to show play list.

"GREEN" button: Move the highlight to the file which you want to add to play list, then press "Green" button to add. It will mark a favorite icon on the file.

"YELLOW" button: Press "Yellow" button to add all file of current directory to play list. Press again to delete all file of current directory from the play list.

"BLUE" button: Press "Blue" button to enter to edit sub-menu.

"2" button: Press "2" button to open the sort window. You can sort by Name/Time/Size/Favorite.

"INFO" button: Press "INFO" button to open image setup

"3" button: Press "3" button to view image in multi view mode

"EXIT" button: Return to parent directory.

NOTE: When you browse pictures , press "RED" button or "GREEN" button, you can view 3D pictures.

Video:

- "BLUE" button: Press "Blue" button to enter to edit sub-menu.
 "2" button: Press "2" button to open the sort. You can sort by Name/Time/Size.
 "EXIT" button: Return to parent directory.

Record:

- "RED" button: Press "Red" button to open rename window.
 "GREEN" button: Move the highlight to the program which you want to lock. Pressing "Green" button, it will ask you to input password. Default password is "0000". After input correct password, the program is locked. If you want to unlock the program, press the "Green" button again.
 "YELLOW" button: Press "Yellow" button to make a delete mark on the program which you want to delete.
 "EXIT" button: Return to parent directory.

PVR Storage Information

This menu can display some parameters of Removable Disk.

- ① In "REC" menu, select "HDD Information", press "OK" button to open HDD information window.

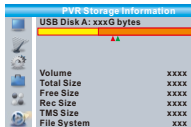
- ② Press "EXIT" button to exit.

- Format FAT/NTFS

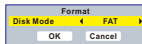
Press YELLOW button to open Format menu.
 Press "LEFT" or "RIGHT" cursor button to change Disk Mode.
 Select "OK" to format. Select "Cancel" to cancel.

- DVR Set REC&TMS/Record/Timeshift

Press BLUE button to open DVR Set menu.
 Press "LEFT" or "RIGHT" cursor button to change DVR Type.
 Select "OK" to confirm. Select "Cancel" to cancel.



Format DVR Set



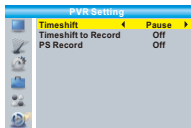
PVR Setting

This menu allows us to set the PVR Setting.

Press "UP" or "DOWN" cursor button to select desired item,

press "LEFT" or "RIGHT" cursor button to change the setting.

- TimeShift AUTO/Pause/Off
- Timeshift to Record On/Off
- PS Record On/Off



TIMESHIFT/RECORD

Plugging an external Mass Storage Device on 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 USB 2.0 disk when recording or timeshift. For timeshift and recording feature, you need take bigger size USB pen driver 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 desired 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.
- Press "RECORD" button again can input duration.
Press "STOP" button to stop recording, then a confirmation window appears.
- Select "Yes" to stop recording. Select "No" to continue recording.

NOTE:

Please select famous brand USB 2.0 USB HDD or USB stick for Recording and Timeshift, such as SAMSUNG, HITACHI and SONY. Some USB devices maybe can't be supported due to its quality.

TROUBLESHOOTING

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

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
No picture or sound	Scart/AV is not selected on your TV	Reduce 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

<p><u>TUNER & CHANNEL</u></p>	<ul style="list-style-type: none"> • RF INPUT CONNECTOR x1 (IEC-TYPE, IEC169-2, FEMALE) • RF OUTPUT CONNECTOR x1 (IEC-TYPE, IEC169-2, MALE (LOOPTHROUGH)) • FREQUENCY RANGE: 113M~858M • SIGNAL LEVEL: 40dBuV~95dBuV (64QAM)
<p><u>DECODER</u></p> <ul style="list-style-type: none"> • VIDEO DECODER • AUDIO DECODER • VIDEO FORMATS • VIDEO OUTPUT • MODULATION 	<p>MPEG-2 MP@HL, MPEG-4 SP, 4.X, 6.X, H.264 MP@HL, MPEG-1/2/4, H.264</p> <p>MPEG-1, MPEG-2 (Layer I/II), MP3</p> <p>4:3LB/16:9 WS/Auto/4:3 Full/4:3 PS</p> <p>CVBS (SCART), HDMI, RGB (SCART)</p> <p>16QAM, 64QAM, 256QAM</p>
<p><u>CONNECTION</u></p> <ul style="list-style-type: none"> • MAIN POWER CABLE • TUNER • HDMI • SCART 	<p>FIXED TYPE</p> <p>CABLE IN x1, LOOP OUT x1</p> <p>HDMI x1</p> <p>TV SCART x1</p>
<p><u>POWER SUPPLY</u></p> <ul style="list-style-type: none"> • INPUT VOLTAGE • POWER CONSUMPTION 	<p>220-240V~, 50/60Hz</p> <p>MAX. 6W</p>

NOTE:

Design and Specifications are subject to change without notice.

