STB-HDM2000
User Manual

Please read carefully before use

LASER

STB-HDM2000 User Manual

IMPORTANT SAFETY INSTRUCTIONS

Please read carefully and keep for future reference

CAUTION!
Do not open. Risk of electric shock! No parts can be repaired by the end-user.
Only qualified personnel can repair and maintain this product.

If the electric cord is damaged, it must be replaced by the manufacturer or
qualified after-sales personnel.

Where to install the product
- Place the product on a straight and stable place.
- Do not place the product on carpet.
- Do not place the product on top or another that may cause overheating (for
  example, a receiver or amplifier).
- Do not place anything underneath the product (for example, CDs or magazines).

Proper ventilation
- Place the product in a sufficiently-ventilated place to avoid overheating. Allow
  at least 10cm spacing at the back and top of the product, and 5cm spacing on
  both sides.
- Do not place items such as newspapers, tablecloth, curtains, in front or the
  ventilating openings.
- Do not expose the product to high temperatures, moisture, water and dust.
- Do not place other items close to this product that may damage it (for example,
  an object containing water).

Electric supply
- Please unplug the product in case of prolonged inactive use.
- This product must be connected to a 230V~50Hz electrical supply.

INTRODUCTION

Thank you for choosing this quality Set top box from Laser Co Australia.
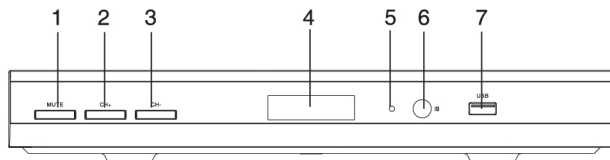This device enables you to receive digital free-to-air channels.

TABLE OF CONTENTS
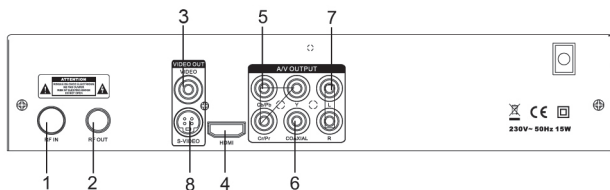
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FRONT PANEL AND REAR PANEL

Front Panel

1. MUTE
2. CH+
3. CH-
4. LED DISPLAY
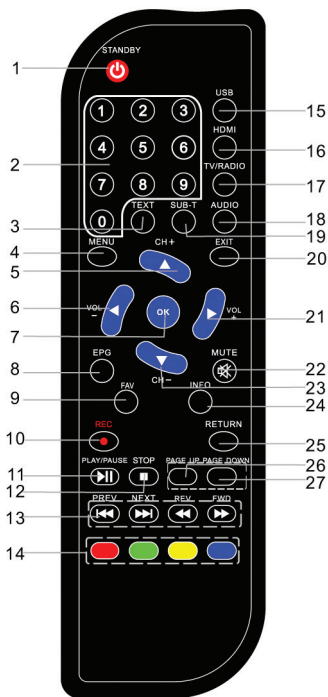5. STANDBY INDICATOR
6. REMOTE CONTROL SENSOR
7. USB INPUT

Rear Panel

1. Antenna Input
2. Spare Antenna Output
3. Video Output
4. HDMI Output
5. YCbCr Output
6. Coaxial
7. Left/Right Audio Output
8. Super Video Output

REMOTE CONTROLLER

1. **STANDBY**: Press to place the unit in standby mode.
2. **NUMBER KEYS**:Used to select channel numbers or input numbers in menus.
3. **TEXT**: Used to open teletext OSD display if teletext available in the broadcast stream.
4. **MENU**: Display main menu on TV screen, press again to exit the menu.
5/23. **CH+/CH-**: Program changing keys. Move cursor up or down in menu item.
6/21. **VOL-/ VOL+**: To increase / decrease volume. Or to move cursor left or right in menu item. And to change date in the EPG environment.
7. **OK**: Used to confirm a selection within a menu.
8. **EPG**: Used to display information about the program being viewed and what's on next.
9. **FAVOURITES**: Used to access your favourite channels.
10. **REC**: Press "REC" button to record to USB.
11. **PLAY/PAUSE**: Used to play and pause multimedia files from USB.
12. **STOP**: Stop playing USB Media.
13. **PREV/NEXT/REV/FWD**: Play previous/next USB Media image REV/FWD speed up/down.
14. **RED/GREEN/YELLOW/BLUE**: Use to navigate between pages in EPG mode.
15. **USB**: Play USB media.
16. **HDMI**: Switch the HDMI 576i/576p/720p/1080i.
17. **TV/RADIO**: Switch between Digital Radio and DVB-T modes .
18. **AUDIO**: Change the Audio language or switch to AC3 mode (availability depends on the channel).
19. **SUB-T**: Display subtitle options (availability depends on the channel).
20. **EXIT**: Use this key to quit current menu.
22. **MUTE**: Mutes the volume.
24. **INFO**: Display information about the current channel.
25. **RETURN**: Go back to the previously viewed channel.
26/27. **PAGE UP/PAGE DOWN**:To navigate in the menu environment.

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FIRST TIME INSTALLATION

Start channel installation.

For first time use, the automatic installation message will appear on screen.
a. Select the menu display language.
b. Select the reception country.
c. Then, select your time zone .
d. Please keep the LCN (Logical Channel Number) option ON (activated), so that the channels can be classified in the correct order.
e. Press the Start button to begin the channel search. The DVB-T channel search starts immediately and will only take a few minutes

SYSTEM SETUP

Press [Menu] key to access:

OSD Language
Use this item to select the language of the setup menu and screen display.

Country
Australia is the correct default setting.

LCN (Logical Channel Number)
Used to classify DVB-T channels in the predefined order. In most of the countries, including Australia, this option must be enabled.

Time Zone
In this menu adjust the time zone to NSW/ACT+10:00, VIC+10:00, QLD+10:00, SA+9:30,WA+8:00, TAS+10:00,NT+9:30

Parental Control
Select Parental Control to set a block based on program ratings. Highlight Parental Control and press OK. A PIN CODE Dialogue box will be displayed, enter your PIN (default code is "0000") and press OK. Once in the Parental Control sub-menu use

the up and down arrow keys to select the level of program rating to be blocked. All programs with this rating and above will require the PIN code to view the program.

Change Password
To change your password (PIN Code) follow these simple steps:
1. Highlight Change password and press OK to activate the Change PIN dialogue box.
2. Enter the current PIN (default is "0000") and press OK.
3. Enter your new PIN and press OK
4. Enter your new PIN once again then press OK to verify the change.

System Information
Highlight System Information and press OK to view software and hardware tags. Press Ok to exit this environment. .

Factory Reset
Use this option if you encounter a problem after having changed some parameters. This option will reset the unit's data to restore it to the out of factory value, thus deleting all channels. You will need to scan all Channels Afterwards.

VIDEO SETTING

TV System
The default setting for this environment is PAL.

HDMI Output
To enjoy the enhanced audio and video quality that HDMI offers, you need an HD Ready television with HDMI connection. You then simply need to select the maximum resolution supported by your television in the menu:
• 576i/480i
• 576p/480p
• 1280x720p (720p)
• 1920x1080i (1080i)

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Display problem in HDMI mode
If you have selected a HDMI resolution which is not supported by your TV (for example, you have selected 1080i while your TV supports 720p resolution only), a black screen will appear. To solve this problem, press the HDMI button on the remote to change the HDMI resolution.

Screen Ratio
In this environment you can select the aspect ratio to match your TV, for a widescreen TV or panel version 16:9.

AUDIO SETTING

Audio LR Mode
LR MODE can switch left/Right/Stereo.

Audio SPDIF
Selecting the SPDIF setting allows the user to adjust the audio output on SPDIF Ports to work in harmony with audio equipment (e.g.receiver,speakers) conected to this unit.

PCM   Select this option when you are going to use stereo signals(2 channels).

RAW   If you select this option the player will use the DVB original audio track. Use this option when you want to use the Dolby Digital AC3 signals through the coaxial audio output.
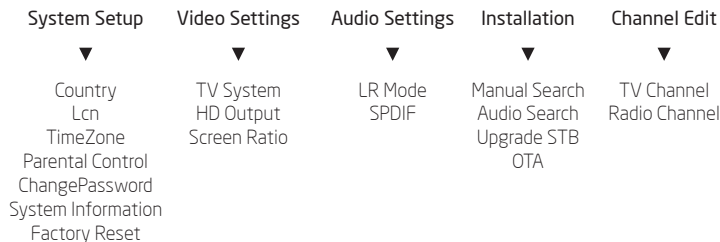
FAVOURITES

This function allows you to define a list of favourite channels. When you select the menu CHANNEL EDIT, a message will appear to ask you to select whether you want to create a favourite list for DVB-T channels, or for radio stations.

a. Press the red button to select a favorite list 1,Press the red key a second time for favorite list 2,and a third Time favorite list 3.
b. Press the UP and DOWN keys to select a channel and press OK to add this channel to the selected favorite list.A confirmation logo will be displayed next to the selected channel.
c. Press the EXIT key to quit the menu.

THE MENUS

Main Menu

▼

System Setup	Video Settings	Audio Settings	Installation	Channel Edit
▼	▼	▼	▼	▼
Country	TV System	LR Mode	Manual Search	TV Channel
Lcn	HD Output	SPDIF	Audio Search	Radio Channel
TimeZone	Screen Ratio		Upgrade STB	
Parental Control			OTA	
ChangePassword				
System Information				
Factory Reset				

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RECORDING AND PROGRAM REMINDER

Record live TV
Simply use the "REC" button while viewing the current channel.

Schedule record / Reminder
Highlight your chosen program and press "OK". Confirm the schedule recording/reminder settings and press "OK" to confirm.

Notes
- Conflicts may occur if 2 or more programs are scheduled for the same time.
- Recorded files are designed to play on this unit only.
- Recordings are made to a USB flash drive or external hard drive (less than 500GB). Please plug your device in before powering the unit on. Restart the unit if there are any connection issues.

TROUBLE SHOOTING

Symptom	Possible Cause	Remedy
LED on front panel does not display	AC power cord disconnected	Connect power cord properly into the power socket
	Incorrect connection of the video/audio output to TV input terminal	Connect two terminals correctly with RCA
	Incorrect Connection of antenna cable	Connect the antenna cable correctly
No picture or sound	Incorrect placement of antenna	Adjust the direction of antenna
	No signal or weak signal	Check the cable connections, TV and other equipment connected between the TV and the receiver or adjust the antenna
Black and white screen or V-Hold	Your TV mode is different from Set Top Box broadcasting mode	Use AV mode
	Battery exhausted	Change the batteries
The remote controller is not working	Fluorescent light interfering with the remote controller	Switch off the light
No Power	Power Down	Unplug the power from the wall and plug it back in

STB-HDM2000
Digital Set Top Box

For technical support please visit
www.LaserCo.net