

# OLIN<sup>®</sup>

## High Definition Digital Set Top Box

HVBT-3200

# USER MANUAL



**FREE CALL**

**Customer Helpline**

 **1800 656 630**

**HDMI<sup>™</sup>**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

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## Notice

Thank you for purchasing HD Receiver. Please read this user manual carefully, to be able to safely install, use and maintain the HD Receiver at maximum performance. Keep this user manual next to your HD Receiver for future reference.

Throughout the whole manual, **Note** mark indicates additional information to the user to make the user aware of possible problems and information of any importance, to help the user to understand, to use and to maintain the installation.

The information in this document is subject to change without notice.

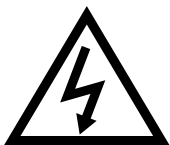
This HD Receiver has been manufactured to comply with international safety standards. Please read the following safety precautions carefully.

## Safety Instructions and Precautions

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To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.



This symbol indicates dangerous voltage inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

## Notice

### 1. MAINS SUPPLY

DC 1 2V /1.0A

Operate this product only from the type of power supply indicated on the marking label. If you are not sure of the type of power supplied to your home, please consult your local power company. Disconnect the product from the mains before you start any maintenance or installation procedures.

### 2. OVERLOADING

Do not overload a wall outlet, extension cord or adapter as this may result in electric fire or shock.

### 3. LIQUIDS

The product should not be exposed to any liquids such as dripping or splashing. In addition, no objects filled with liquids, such as vases, should be placed on the apparatus.

### 4. CLEANING

Disconnect the product from the wall outlet before cleaning. Use a light damp cloth (no solvents) to dust the product.

### 5. VENTILATION

The slots on top of the product must be left uncovered to allow proper airflow to the unit. Do not stand the product on soft furnishings or carpets. Do not stack electronic equipments on top of the product.

### 6. ATTACHMENTS

Do not use any unsupported attachments as these may be hazardous or cause damage on the product.

### 7. CONNECTION TO THE AERIAL or TV

- Disconnect the product from the mains before connecting or disconnecting the cable from the Aerial or TV.
- Failure to do so can damage the Aerial or TV.

## Notice

### 8. EARTHING

The aerial cable must be buried in the ground. The buried cable of the system must comply with SABS 061.

### 9. LOCATION

- Place the product indoors to avoid exposing it to lightening, rain or sun.
- Do not place it near a radiator or heat register.
- Make sure it has more than 10 cm clearance from any appliances susceptible to electromagnetic influences, such as a TV or a VCR.
- Do not block these openings with any object, and do not place the product on a bed, sofa, rug, or other similar surface.
- If you place the product on a rack or bookcase, ensure that there is adequate ventilation and that you have followed the manufacturer's instructions for mounting.
- Do not place the product on an unstable cart, stand, tripod, bracket, or table where it can fall. A falling product can cause serious injury to a child or adult and serious damage to the appliance.

### 10. LIGHTNING, STORM, or NOT IN USE

Unplug the product from the wall outlet and disconnect the aerial during a thunderstorm or when left unattended and unused for long periods of time. This will prevent damage to the unit due to lightning and power-surges.

### 11. EXTRANEIOUS OBJECTS

Do not insert anything through the openings in the unit, where they can touch dangerous voltage points or damage parts.

### 12. REPLACEMENT of PARTS

When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitution may result in additional damage to the unit.

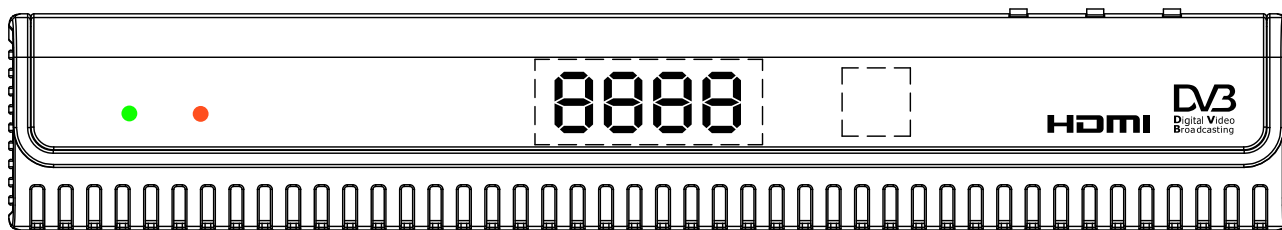
## Notice

### Warning

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1. Follow these directions in order not to damage the power cord or plug.
  - Do not modify or process the power cord or plug arbitrarily.
  - Do not bend or twist the power cord too much.
  - Make sure to disconnect the power cord with the plug held.
  - Keep heating appliances as far as possible from the power cord in order to prevent the cover vinyl from melting.
  
2. Follow these directions. Failure to follow one of them may cause electrical shock.
  - Do not open the main body.
  - Do not insert metals or inflammable objects inside the product.
  - Do not touch the power plug with wet hands.
  - Disconnect the power cord in case of lightning.
  
3. Do not use the product when it is out of order. Do not continue to use the defective product. Please contact your local product distributor if the product is damaged.
  
4. Please do not insert metal or alien substance into the slots for the modules and smart cards. In doing so can cause damage to the HD Receiver and reduce its life span.

## Before Using HD Receiver



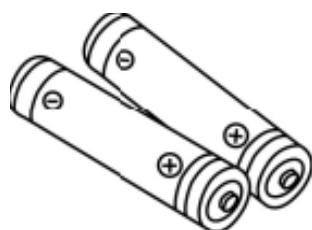
### 1. Accessories

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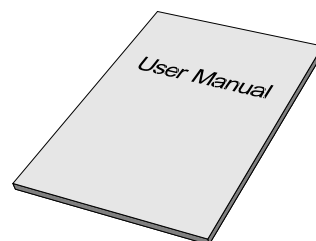
- 1.1 RCA AV Cable × 1 pc
- 1.2 AAA Batteries × 1 pair
- 1.3 User Manual × 1 pc
- 1.4 Remote Control Unit × 1 pc
- 1.5 Warranty Card × 1 pc
- 1.6 Power Adapter × 1 pc
- 1.7 Quick Install Guide × 1 pc



1.1



1.2



1.3



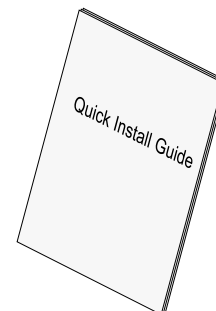
1.4



1.5



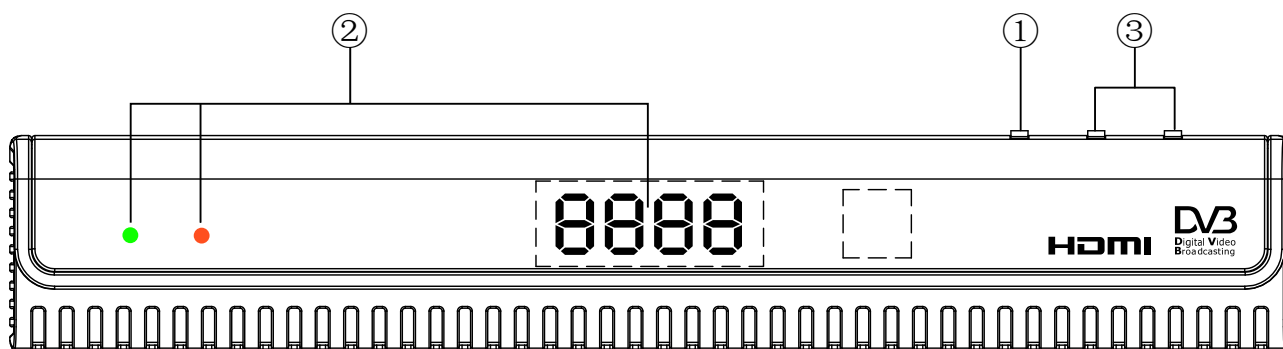
1.6



1.7

# Before Using HD Receiver

## 2. Front



### 2.1 Standby button

Switches between Power ON and Standby modes.

### 2.2 POWER ON / STANDBY Indicator

Green light means POWER ON, Orange means Signal and Red means STANDBY.

LED display will show current channel number and screen resolution.

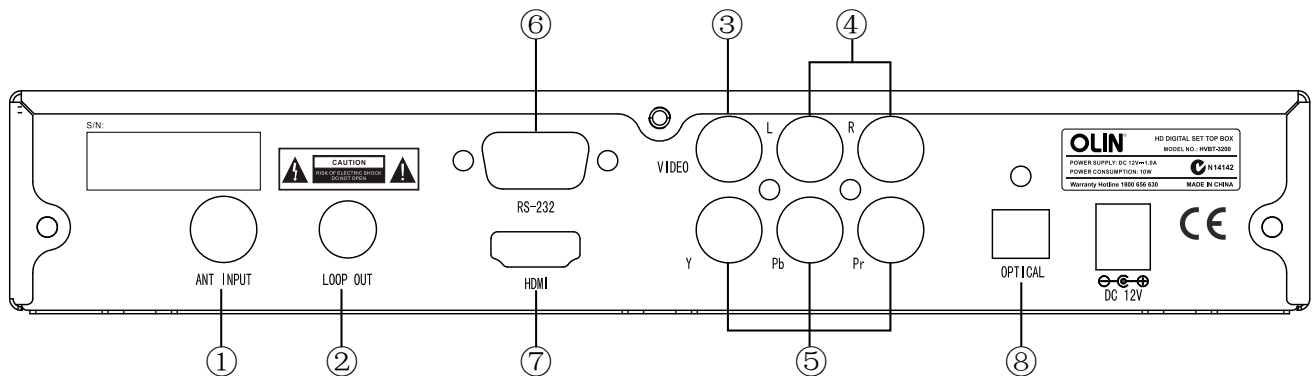
### 2.3 CH+/CH- buttons

Change channel



## Before Using HD Receiver

### 3. Rear Panel



#### 3.1 ANTENNA INPUT

Connect the aerial cable to antenna Input jack on the HD Receiver.

#### 3.2 LOOP OUT

Loop out TV signal from antenna to your TV's antenna input.

#### 3.3 VIDEO

Video signal output connects to TV or VCR using the RCA cable (Y).

#### 3.4 AUDIO L/R

Audio output connects to TV or VCR using the RCA cable (R&W).

#### 3.5 COMPONENT VIDEO

HD video output connects to Y Pb Pr on your TV

#### 3.6 RS-232

Connect to your PC for software upgrade.

#### 3.7 HDMI

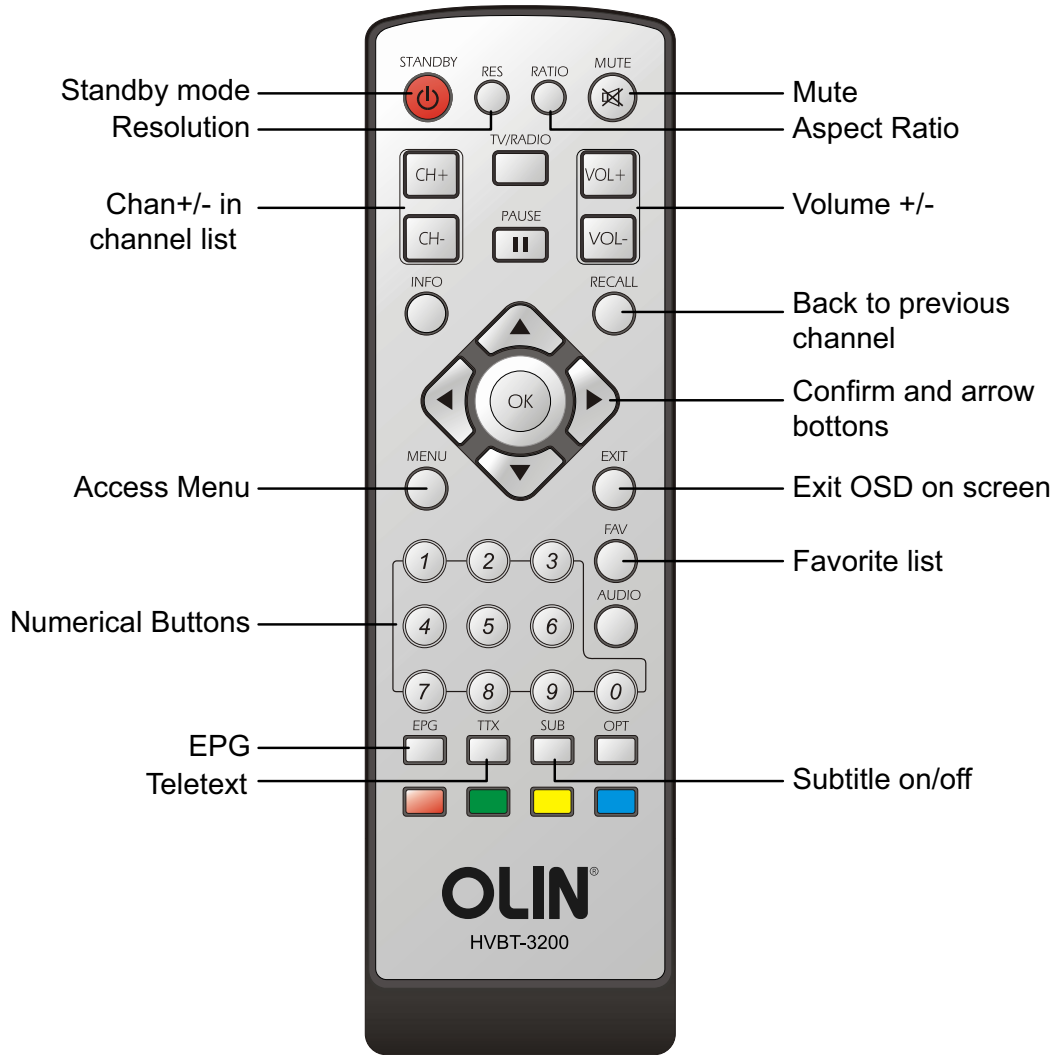
HDMI output connects to your TV HDMI Connector.

#### 3.8 OPTICAL

Connects to your Digital Amplifier to output Digital Audio (OPTICAL) signals.

# Before Using HD Receiver

## 4. Remote Control



# Installation

## 1. Antenna/TV/VCR Connection

---

The HD Receiver provides various connections to TV, VCR, or other device. You may use one or more of the following connections.

### 1.1 Using Component Cable

- ① Connect *antenna* to **ANTENNA INPUT** on the HD Receiver using an RF aerial cable.
- ② Connect **COMPONENT VIDEO OUTPUT** on the HD Receiver to **COMPONENT INPUT** on the TV using the component cable.
- ③ Connect **AUDIO OUT L/R** on the HD Receiver to **AUDIO IN L/R** on the TV using the RCA cable.
- ④ Set **VIDEO INPUT/SOURCE** on your TV to **COMPONENT**.

**Note: This connection supports up to 1080i mode.**

### 1.2 Using RCA Cable

The RCA connection is recommended for Analog TV or VCR.

- ① Connect *antenna* to **ANTENNA INPUT** on the HD Receiver using an RF aerial cable.
- ② Connect **VIDEO** on the HD Receiver to **VIDEO INPUT** on the TV using the RCA cable.
- ③ Connect **AUDIO OUT L/R** on the HD Receiver to **AUDIO IN L/R** on the TV using the RCA cable.

**Note: This connection supports 576i and 576p modes.**

## Installation

### 2. Digital Amplifier Connection

Connect ***Optical*** on the HD Receiver to ***Optical INPUT*** on the amplifier using an optical cable.

### 3. Powering on

Connect power adaptor cable to the +12V power input socket at the rear panel of the HD Receiver and plug the AC plug to a wall power point.

## Basic Operation

You can find in this section the basic operation for watching programs. You can define a channel as Favorite/Blocked/Skipped. You can also quickly adjust OSD settings using shortcut buttons on the remote control.

### Change channel

You can change a channel in various ways:

1. Press **Up/Down**(▲/▼) button to change the channels up or down.
2. Press **NUMERICAL**(0-9) buttons to jump to the channel directly.
3. Press **TV/RADIO** button to switch between TV and RADIO channels.
4. Press **RECALL** button to return to the previous channel.

**Note:** You can also browse and jump to a channel using Channel List or Program Guide.

### Audio Volume Control

1. Press **VOL+/VOL-**button or (◀/▶) button to adjust volume.
2. Press **MUTE**(🔇) button to mute.

**Note:** Mute status will not be changed when channel is changed.

### Pause the Picture

Press **PAUSE** button to freeze the current screen, press again to resume the program.

**Note:** Program will not stop playing during PAUSE and the missing part of the program will not be recorded or replayed when resume.

### Automatic Channel SCAN

When powered on for the first time, a window states "No channels available. Press OK to search channels." will be displayed. You can active autoscan by pressing the OK button and then the "green" button on the remote control. Programs available in your area will be scanned and saved automatically.

## Basic Operation

### SUBTITLE Setting

You can choose to show subtitle on the screen if the current program is broadcasted with Closed Caption (with **CC** shown in the information bar).

1. Press **SUBTITLE**(**SUB**) button to show SUBTITLE setting Menu.
2. Press **Left/Right**(**◀/▶**) button to select ON or OFF.
3. Press **Up/Down**(**▲/▼**) button to select subtitle language.
4. Press **OK**(**OK**) button, **MENU**(**MENU**) button or **EXIT**(**EXIT**) button to close the SUBTITLE Setting Menu.



### AUDIO Setting

You can select audio language and audio format if the current service provides multiple audio options.






1. Press **AUDIO** button to pop up Audio Setting Menu.
2. Press **Left/Right**(**◀/▶**) button to select Audio type: Left, Right and Stereo.
3. Press **Up/Down**(**▲/▼**) button to select audio language.
4. Press **OK**(**OK**) button, **MENU**(**MENU**) button or **EXIT**(**EXIT**) button to close Audio Setting Menu.



## Basic Operation

### OPTION Setting

Set current service as Favorite, Lock or Skip.







1. Press **OPT** (  ) button to pop up OPTION Setting Menu.
2. Press **Up/Down** (  ) button to highlight option and press **OK** (  ) button to select or de-select.
3. Press **MENU** (  ) button or **EXIT** (  ) button to close OPTION Setting Menu.



**NOTE:** Once you lock the service, video picture will be invisible; when you unlock the service, you have to enter the correct password.

### ASPECT RATIO Setting

Set the video output display ratio.

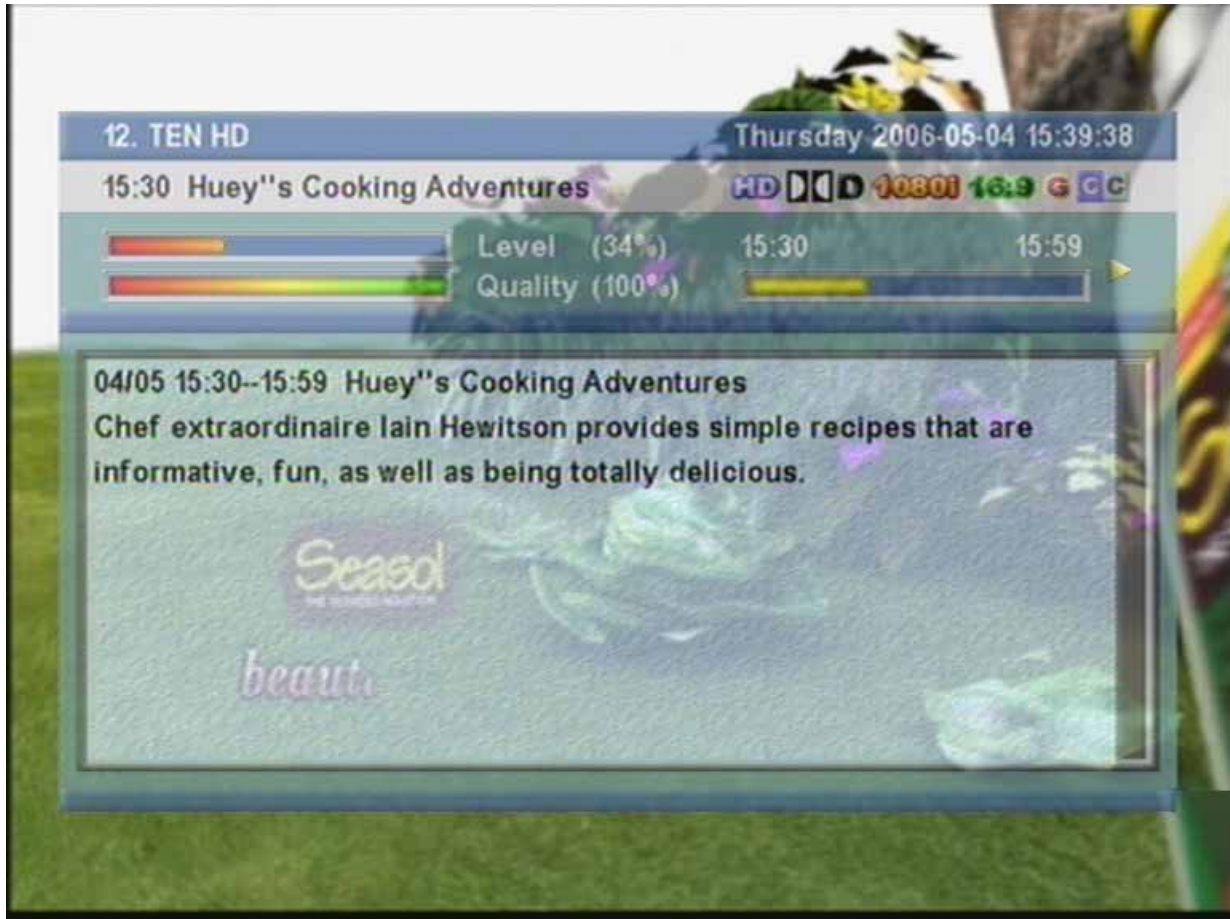
1. Press **RATIO** (  ) button to pop up ASPECT RATIO Setting Menu.
2. Press **Left/Right** (  ) button to select 16:9 or 4:3.
3. Press **Up/Down** (  ) button to select Pan & Scan, Letter Box, and Mixed screen.
4. Press **OK** (  ) button, **MENU** (  ) button or **EXIT** (  ) button to close ASPECT RATIO Setting Menu.



## Basic Operation

### Service Information Window

Display the current service information, such as: Service Name, Service Type, Channel Number, Signal Level, Signal Quality, Event name, Event content, Event duration, System Time and Date, etc.



1. Press **INFO** (INFO) button to pop up Service Information window.
2. If the current service supports Program Guide, press **Left/Right** (◀/▶) button to check scheduled program details.

The following icons indicate:



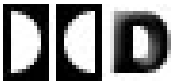
## Basic Operation



The current service supports TELETEXT



The current service supports Closed Caption



The audio format of current service is DOLBY DIGITAL (AC3)



The current service Audio stream is MPEG-1 coded



The current service Audio stream is MPEG-2 coded



The Video Aspect Ratio of current service is 16:9



The Video Aspect Ratio of current service is 4:3



The Video quality of current service is High Definition



The Video quality of current service is Standard Definition



The Video resolution of current service is 720 x 576 interlaced



The Video resolution of current service is 720 x 576 progressive



The Video resolution of current service is 1280 x 720 progressive

## Basic Operation

**1080i**

The Video resolution of current service is 1920x1080 or 1440x1080 interlaced

**P**

The current content rating is P, suitable for the audience over 5 years old

**C**

The current content rating is C, suitable for the audience over 7 years old

**G**

The current content rating is G, suitable for the audience over 9 years old

**PG**

The current content rating is PG, suitable for the audience over 11 years old

**M**

The current content rating is M, suitable for the audience over 13 years old

**MA**

The current content rating is MA, suitable for the audience over 15 years old

**AV**

The current content rating is AV, suitable for the audience over 17 years old





**R**

The current content rating is R, suitable for the audience over 18 years old

## Basic Operation

**NOTE:** If the current service does not provide content description, only program title and time will be displayed.

### TELETEXT

Available only if  icon is shown in the information window. Press **TTX**() button to show TELETEXT on the screen, press **MENU**() button, **EXIT**() button to close the TELETEXT function.

### STANDBY

Press () Power button to enter STANDBY mode, press again to resume working mode.

### RESOLUTION

Press **RES** () button to change the resolution of video output.

## Basic Operation

### SERVICE LIST

1. Press **OK** (OK) button to pop up the SERVICE LIST.
2. Press **Up/Down** (▲/▼) button to move to the service you want, press **OK** (OK) button to select.
3. Press **MENU** (MENU) button or **EXIT** (EXIT) button to close the SERVICE LIST.



**NOTICE:** If the service is LOCKED, the LOCK icon will be displayed, and password will be required upon entering.

### FAVORITE LIST

1. Press **FAV** (FAV) button to pop up FAVORITE LIST.
2. Press **Up/Down** (▲/▼) button to move to the service you want, press **OK** (OK) button to select.
3. Press **MENU** (MENU) button or **EXIT** (EXIT) button to close FAVORITE LIST.



**NOTICE:** If no service is selected as Favorite, you will be noticed when you press FAV button.

## Program Guide

Program Guide shows the information of scheduled programs provided by the broadcaster. You will be able to view details and set reminders for your desired programs.

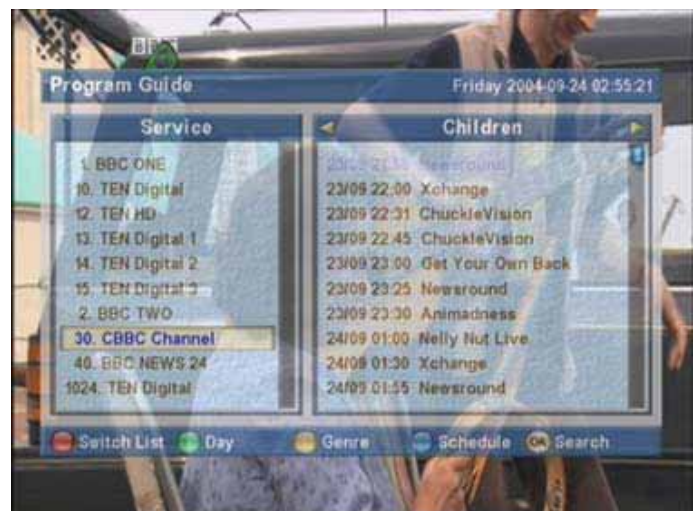
### Searching Program information

1. Press **EPG** button to enter Program Guide window. Scheduled program list will be loaded automatically.
2. Service List will be highlighted, Press (▲/▼) button to select your desired service and press **OK** button to load the scheduled program list.



### Browse Program List

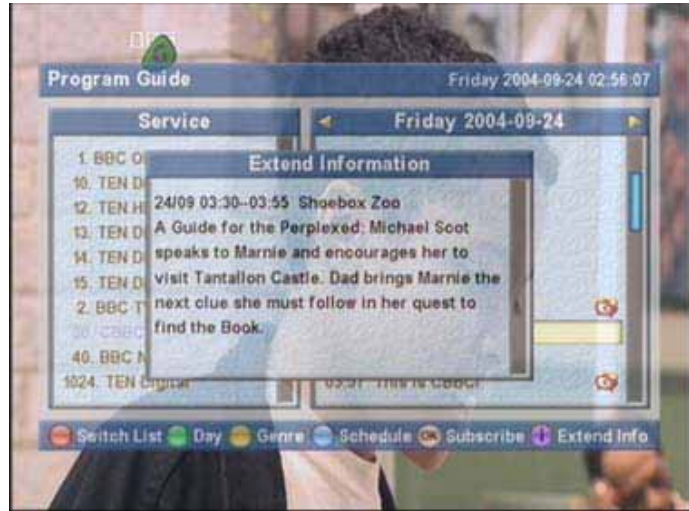
1. After Program list is loaded, Press **RED** button to switch the highlighted cursor to the Program List in the right part of the window.



## Program Guide

2. Press **GREEN** button to view by date, press **YELLOW** button to view by genre.

3. Press (◀/▶) button to change the date in Date Mode or change the type of content in Genre Mode.



4. Press (▲/▼) button to move to your desired program, press **INFO** button to view the detailed information.

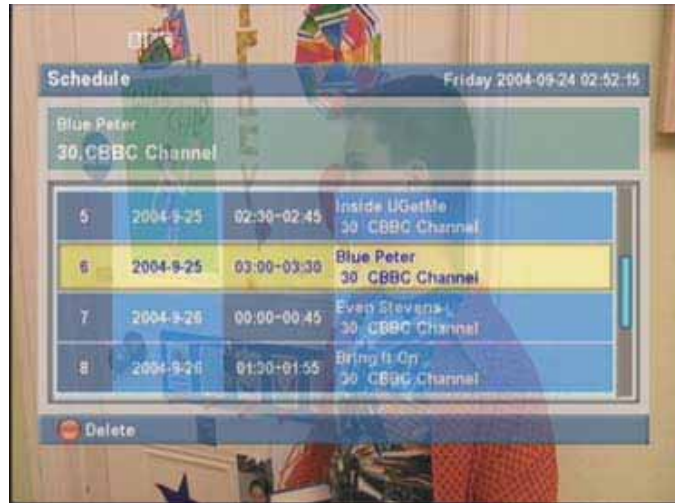
### Reserving Program

1. Press **RED** button to switch to the Program List, move to your desired program and then press **OK** button to set or cancel reminder. If the selected program is currently showing or already passed, the Reminder will fail to work.



## Program Guide

2. Press **BLUE** button to enter Schedule list menu, press (▲/▼) button to highlight your pre-set reminder program, press **RED** button to delete.



3. If the reserved programs are on the same date and same time, System will prompt you to select from a program list when the reserved time is due.



## Navigating Menu

Navigating Menu contains: Service Manager, Service Search, Parental Lock, Timer and System Setting.

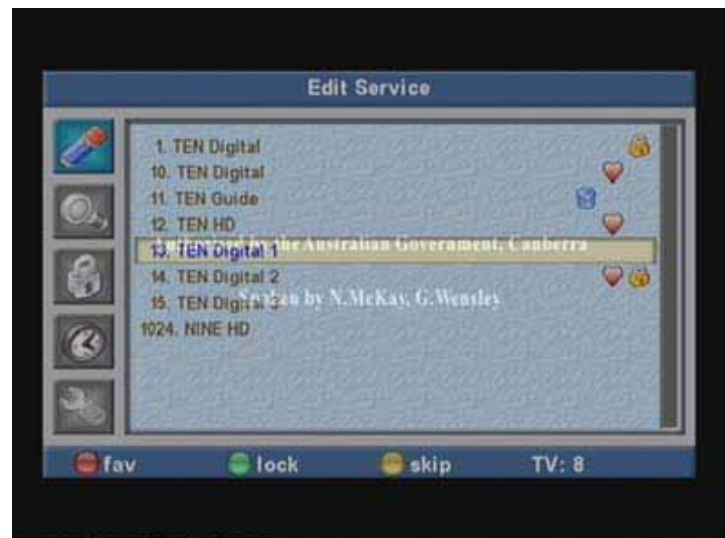
### Service Edit

1. Press **MENU** button to pop up Main Menu. Select Service Manager, press **OK** button to enter Edit Service Menu.



2. Press (▲/▼) button to move to your desired service, Press **OK** button to select the service.

3. Press **RED** button to set the selected services or the current service to FAVORITE.



4. Press **GREEN** button to set the selected services or the current service to LOCK.

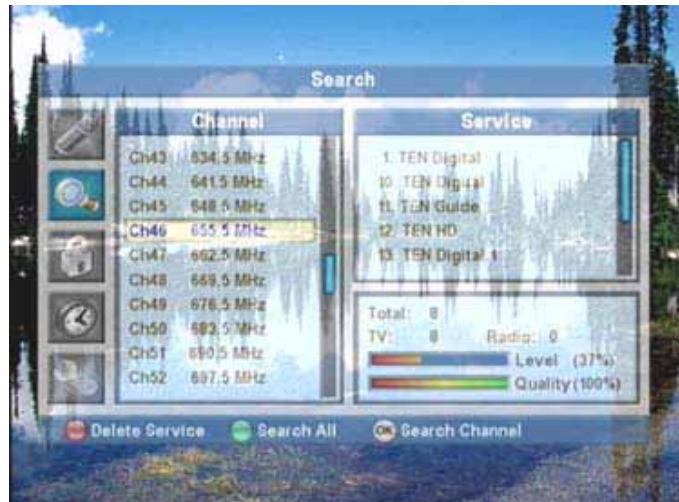
5. Press **YELLOW** button to set the selected services or the current service to SKIP.



# Navigating Menu

## Service Searching

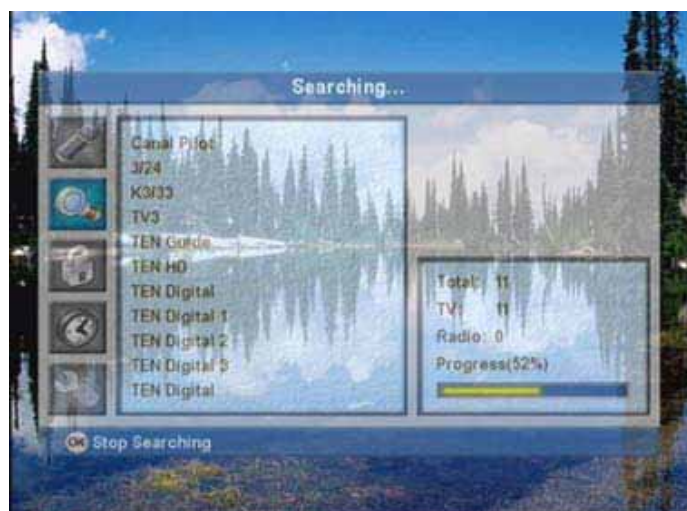
1. Press **MENU** button to pop up Main Menu, Select “Search”, press **OK** button to enter Search Menu.



2. Channel List on the left part shows the frequency and channel number, Service List on the top right part and Signal Indicator at bottom right corner.

3. Press (▲/▼) button button to change channel, Press **RED** button to delete services on the selected channel. Press **OK** button to search the services on the selected channel. Press **GREEN** button to search services on all channels.

4. Services found are listed on the left side and Progress Indicator is on the right side.



## Navigating Menu

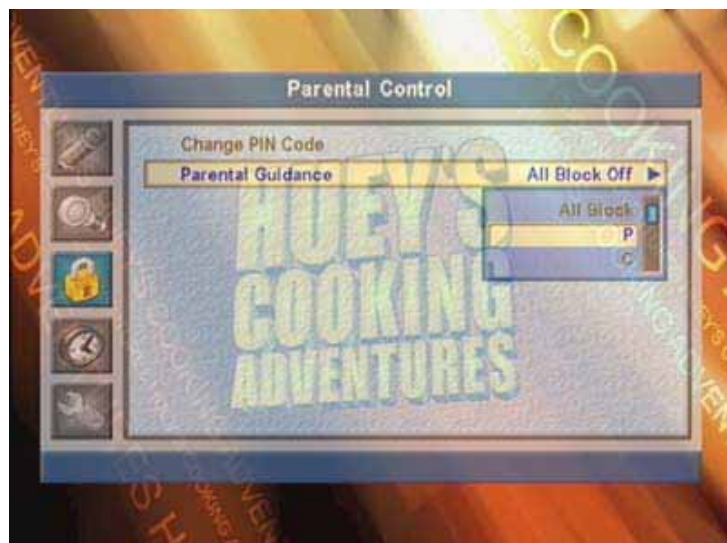
### Parental Control

1. Press **MENU** button to pop up Main Menu, select “Parental Control”, press **OK** button and input correct password to enter Parental Control Menu.



2. When “Change PIN Code” is highlighted, press **OK** button to change Password.

3. When “Parental Guidance” is highlighted, press **OK** button to set content rating: All Block、P (5)、C (7)、G (9)、PG (11)、M (13)、MA (15)、AV (17)、R (18)、All Block Off.



# Navigating Menu

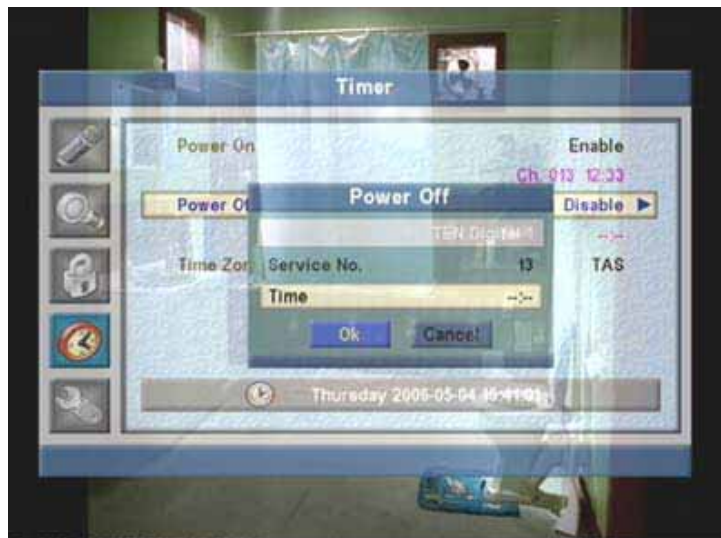
## Time Setting

1. Press **MENU** button to pop up Main Menu, select “Timer”, press **OK** button to enter Timer Menu.



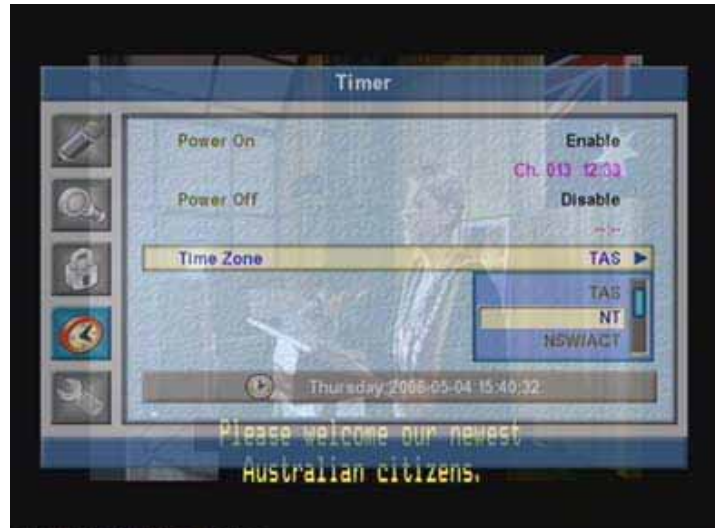
2. When “Power On” is highlighted press (◀/▶) button to enable or disable “Power On Timer”, press **OK** button to pop up Power on setup menu. “Service No.” is the program ID when system Powers On (Default: the current service). “Time” is the time of Power On.

3. When “Power Off” is highlighted press (◀/▶) button to enable or disable “Power Off Timer”, press **OK** button to pop up Power off setup menu, “Time” is the time of Power Off.



## Navigating Menu

- When “Time Zone” is highlighted, press **OK** button to pop up Zone list, select your state and press **OK** button to confirm.



## SYSTEM Setting

- Press **MENU** button to pop up Main Menu, select “System Setting”, and press **OK** button to enter SYSTEM Setting Menu.

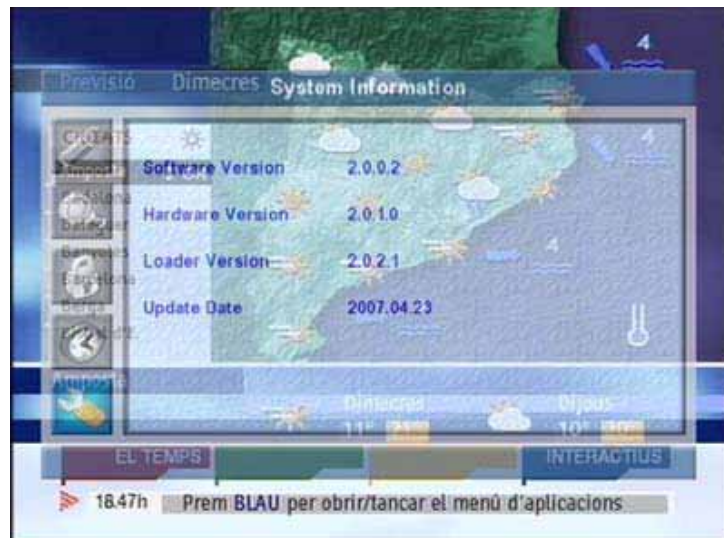


## Navigating Menu

2. Press (▲/▼) to move the cursor to your desired item, press **OK** button to pop up the settings submenu, press (▲/▼) to select your desired value, then press **OK** button to confirm.

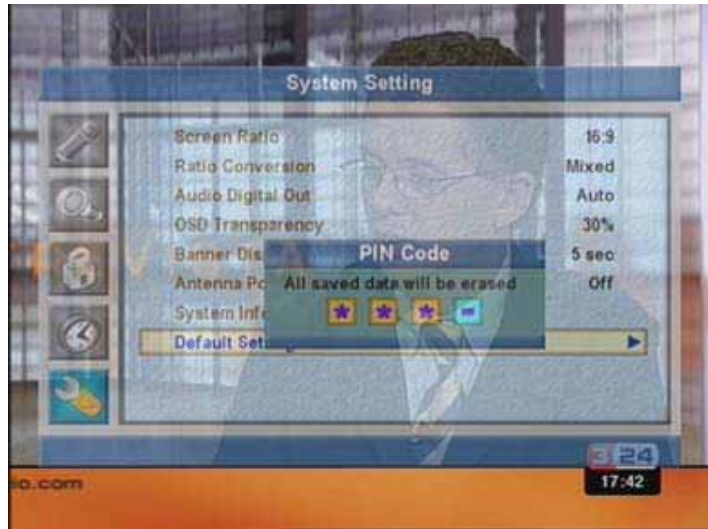


3. When "System Information" is highlighted, press **OK** button to display the Hardware and Firmware information of this system.



## Navigating Menu

4. When “Default Setting” is highlighted, press **OK** button and input the correct password to restore the Default Settings of this system.



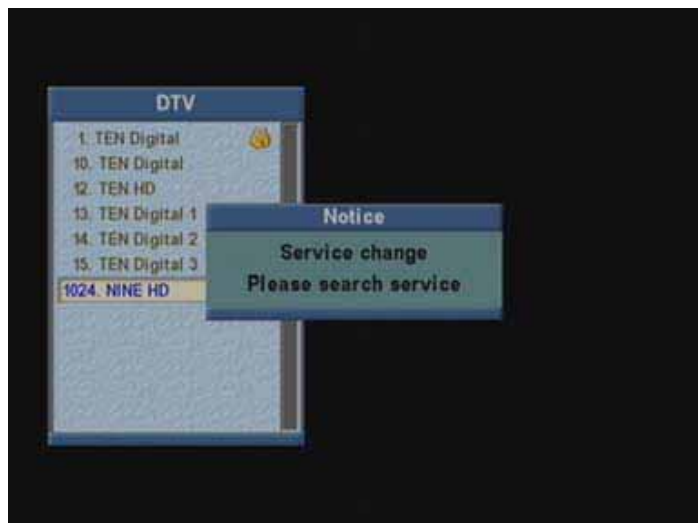
**NOTE: Don't switch off the Power Supply when you restore the Default Setting. If restored to factory default setting all data and channels will be lost.**

# Troubleshooting

- If the screen displays a notice “Services Full”, it means that the internal memory for storing services information is FULL. Please delete unwanted existing service programs to free the memory for the new ones.



- If the screen displays a notice “Service Change”, this means that the current service is not available, the service provider might have changed their service frequency since. Please re-scan for this channel.



## Troubleshooting Guide

Symptom	Remedy
Nothing lights up on your receiver's front panel.	<p>Check that the mains power cord is correctly connected.</p> <p>Disconnect this cord, and then reconnect it to ensure it is in place.</p> <p>Check that power is available at the wall socket.</p>
Your remote control fails to operate your receiver.	<p>Make sure your receiver is in the operate mode.</p> <p>Make sure that you are pointing your remote control at the receiver front panel.</p> <p>Check the batteries in your remote control.</p>
There is no sound/picture and the indicator on the receiver's front panel is red.	Your receiver is in standby. Press STANDBY button (RED) on your remote control to wake up your receiver. Alternatively, press POWER button on the receiver's front panel.
There is no sound/picture. However, front panel display is correct.	<p>Signal does not come through to your TV. Make sure that the RCA connections are correct.</p> <p>Connections are correct but the TV set is NOT switched to the right external AV source. Refer to the user manual of your TV set.</p>
Main Menu can be displayed but you cannot select channels.	Your receiver has not been properly configured. Perform the Autoscan. (Select the Search submenu from the Main Menu.). Optionally return to factory setting.
Main Menu and Channel Banner can be displayed, but there is no reception (black screen).	<p>Aerial is not receiving the signal. Check the installation and the aerial positioning (Check signal quality).</p> <p>Transmitted signal is too weak. Check the installation and the aerial positioning. This effect may also be produced by severe weather conditions.</p>
Intermittent reception (mosaic effect or frozen image).	<p>You may have defective cable links. Check all connections and cables.</p> <p>Poor signal due to the incorrect positioning of the aerial. Reorient the aerial and fasten it securely.</p>

### ATTENTION:

**The default PIN CODE(password) is "0000". User may choose to change this at any time.**



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**[www.westwell.com.au/olin](http://www.westwell.com.au/olin)**



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