

Notice

Thank you for purchasing a ---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



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.



1. MAINS SUPPLY

12V DV 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.



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 TV or 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.



Warning

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. If you continue to use the product when defective, serious damage can be caused to it. Make sure to contact your local product distributor if the product is out of order.
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.

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Before using HD Receiver

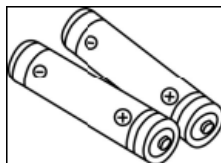


1. Accessories

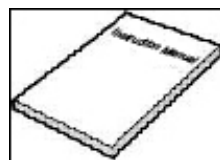
- 1.1 3P AV Cable × 1 pc
- 1.2 AAA Batteries × 1 pair
- 1.3 Instruction Manual × 1 pc
- 1.4 Remote Control × 1 pc
- 1.5 Warranty Card × 1 pc
- 1.6 Adapter × 1 pc



1.1



1.2



1.3



1.4



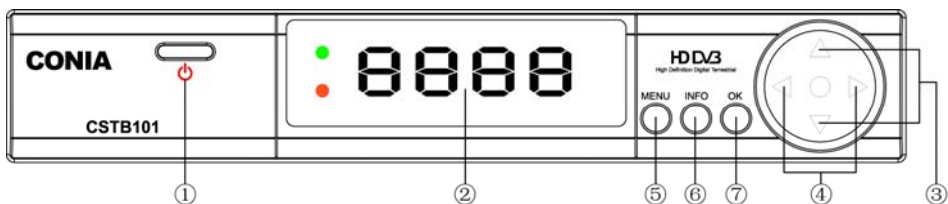
1.5



1.6

Before using HD Receiver

2. Front



2.1. POWER button

Switches between Operation and Standby modes.

2.2. POWER ON/STANDBY Indicator

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

LED display will show the channel and display mode information.

2.3. Channel ▲/▼ buttons

Changes the channel

2.4. VOL-/+ button

Volume adjusting

2.5. MENU button

Displays the main menu, and exits the main menu or guide screen.

2.6 . INFO button

Channel information from the transport stream.

2.7. OK button

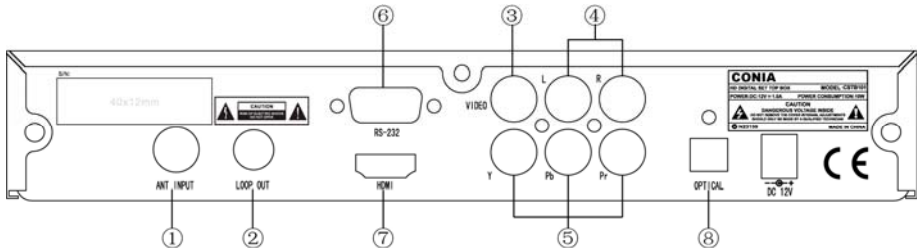
Selects a menu or confirms the selected operation.

Note: You can reset the HD Receiver when it is not operating normally. Turn Off, and then Turn On the HD Receiver.

Note: We strongly recommend to using HDMI connector or YPbPr connector when watching HD program.

Before using HD Receiver

3. Rear Panel



3.1.ANTENNA INPUT

Connects an Aerial to Antenna Input jack on the HD Receiver.

3.2.LOOP OUT

Connects to an Antenna Input jack on your TV.

3.3.VIDEO

Connects to your TV or VCR using RCA cable to output Video signals.

3.4.AUDIO L/R

Connects to your TV or VCR using RCA cable to output Audio signals.

3.5.COMPONENT VIDEO

Connects to YPbPr on your TV

3.6.RS-232

Connects to your PC to update product's software.

3.7.HDMI

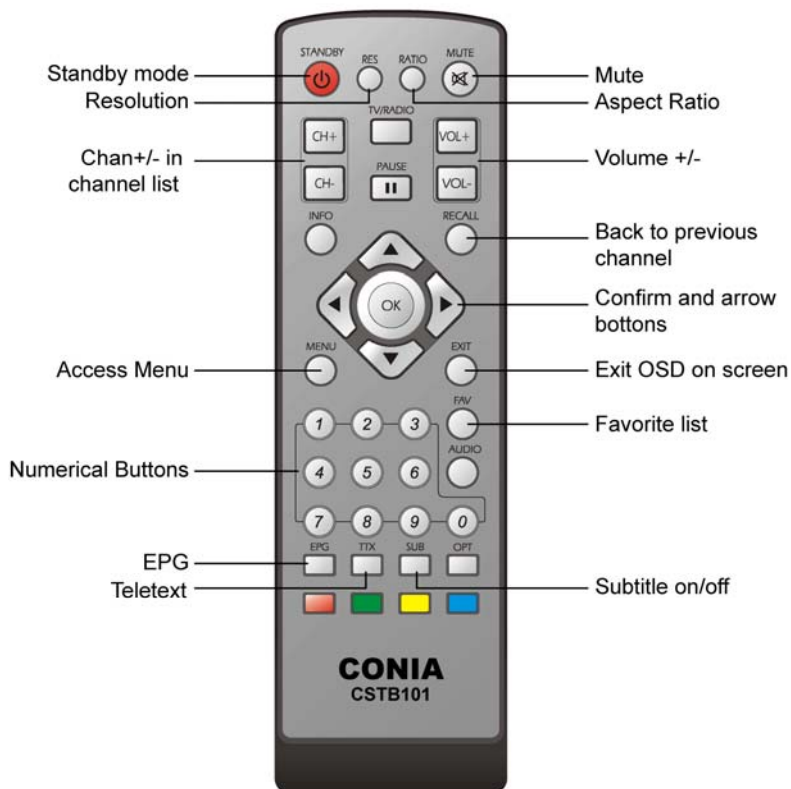
Connects to your TV using HDMI Connector

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 interfaces to connect to TV, VCR, or other device. You can select one or more of the following ways of connection depending on your convenience.

1.1 Using Component Cable

- ① Connect **Aerial** to **LNB INPUT** on the HD Receiver using the RF cable.
- ② Connect **LOOP OUT** on the HD Receiver to **ANTENNA IN** on the TV using the RF cable.
- ③ Connect **COMPONENT VIDEO OUTPUT** on the HD Receiver to **COMPONENT IN** on the TV using the component cable.
- ④ Connect **AUDIO OUT L/R** on the HD Receiver to **AUDIO IN L/R** on the TV using the RCA cable.
- ⑤ Set **VIDEO OUTPUT SELECT** to **COMPONENT**.

Note: This connection supports 1080i, 720p, 576p, and 576i modes.

1.2 Using Video Cable

The Video connection is recommended for Analog TV or VCR.

- ① Connect **Aerial** to **LNB INPUT** on the HD Receiver using the RF cable.
- ② Connect **LOOP OUT** on the HD Receiver to **ANTENNA IN** on the TV using the RF cable.
- ③ Connect **VIDEO** on the HD Receiver to **VIDEO** on the TV using the Video cable.
- ④ 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 1080i,720P,576P,576i models

Installation

2. Digital Amplifier Connection

Select one of the following ways of connection depending on your convenience.

- Connect **Optical** on the HD Receiver to **Optical INPUT** on the amplifier using the digital audio cable.

3. Powering on

Connect the power cord of the HD Receiver to a wall outlet.

Basic Operation

You can see the basic operation for watching programs. You can define a service as Favorite/Blocked/Skipped service. In addition, you can adjust the viewing environment by your preferences with quick buttons such as A.RATIO, CC, etc.

Switching Service

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 move to the channel directly.
3. Press **TV/RADIO**(TVR) button to toggle between TV and RADIO channels.
4. Press **RECALL**(RCL) button to return to the previous channel.

Note: You can switch a service using Channel List or Program Guide.

Audio Volume Control

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

Note: Mute status is available when you change the services.

Pause the Picture


Press **PAUSE**(PAUSE) button to pause the current picture of video, secondly press **PAUSE**(PAUSE) button to resume the live picture.

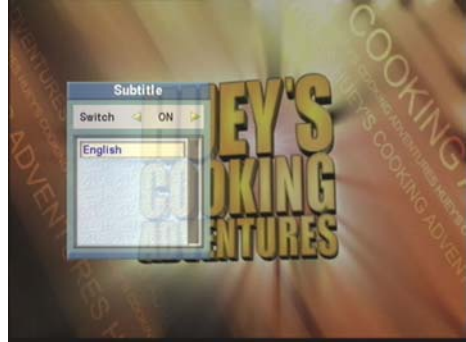
Automatic Channel SCAN







After powering on your HD Receiver for the first time after purchasing, the "No channels available. Press OK to search channels." message will be displayed. You can start automatic channel scan by pressing the OK button and the "green" button. Then the channels will be searched and saved Automatically.

Basic Operation

SUBTITLE Setting

You can determine to open the subtitle display on the screen or not. If the current service provides the Closed Caption (information panel display  icon), you can select the closed caption language.









1. Press **SUBTITLE**() button to pop up SUBTITLE Setting Menu.
2. Press **Left/Right**() button to toggle ON or OFF.
3. Press **Up/Down**() button to select the language.
4. Press **OK**() button or **MENU**() button or **EXIT**() button to close the SUBTITLE Setting Menu.

AUDIO Setting

If the current service provides multiply languages, you can select the language you wish to listen, and you can select the audio type you wish to listen too.



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

Basic Operation

OPTION Setting

Setting the current service to such status (Favorite, Lock, and Skip).

1. Press **OPT** (OPT) button to POP UP OPTION Setting Menu.
2. Press **Up/Down** (▲/▼) button to select the OPTION items, press **OK** (OK) button to confirm or cancel .
3. Press **MENU** (MENU) button or **EXIT** (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

Setting the display format of TV.

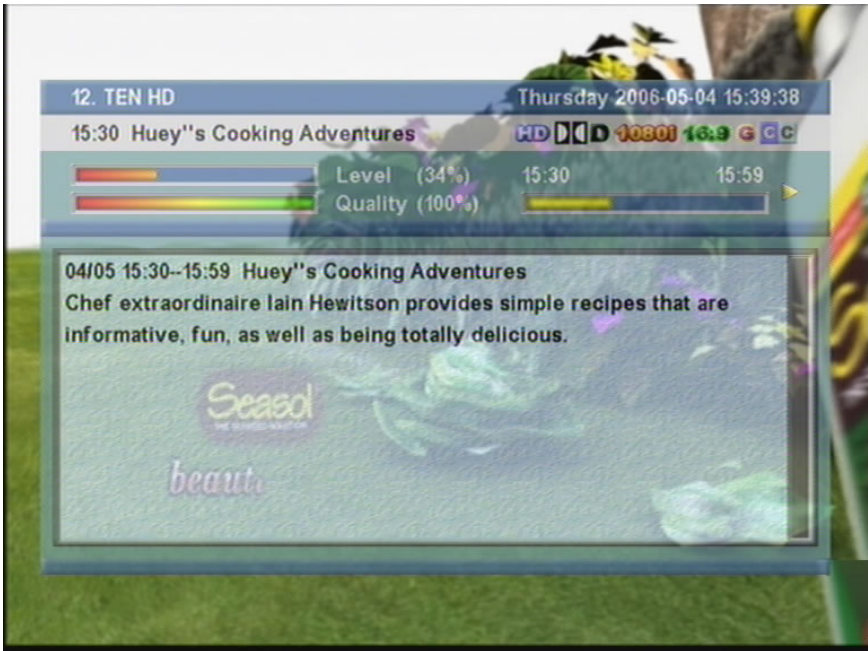
1. Press **RATIO** (RATIO) button to pop up ASPECT RATIO Setting Menu.
2. Press **Left/Right** (◀/▶) button to select 16:9、4:3.
3. Press **Up/Down** (▲/▼) button to select Pan &Scan, Letter Box, and Mixed screen.
4. Press **OK** (OK) button or **MENU** (MENU) button or **EXIT** (EXIT) button to close 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 Panel.
2. If the current service provides with the present and following event information, press **Left/Right** (◀/▶) button to toggle between them.

The following icons indicate:

Basic Operation



The current service provides with TELETEXT



The current service provides with Closed Caption



The Audio data of current service is DOLBY DIGITAL (AC3) coded



The current service Audio data is MPEG-1 coded



The current service Audio data is MPEG-2 coded



The current service Video picture Aspect Ratio is 16:9



The current service Video picture Aspect Ratio is 4:3



The current service Video picture is High Definition



The current service Video picture is Standard Definition



The current service Video picture Resolution is 720 x 576 interlaced



The current service Video picture Resolution is 720 x 576 progressive



The current service Video picture Resolution is 1280 x 720 progressive

Basic Operation

1080i

The current service Video picture Resolution 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


NOTICE: If the current service does not provide the event information, the

Basic Operation

extended panel is invisible.

TELETEXT


If the current service provides with TELETEXT data, ( icon display in

the information panel), press **TTX**() button to view TELETEXT on the screen.

STANDBY

When the service is playing, press **Power** () button to enter STANDBY status, press Power button again to reboot the Receiver.

RESOLUTION

Press **RES** () button to toggle the resolution of HD video output. When the Video output mode is YPbPr, 1080i, 720p, 576p, 576i are supported.

Basic Operation

SERVICE LIST

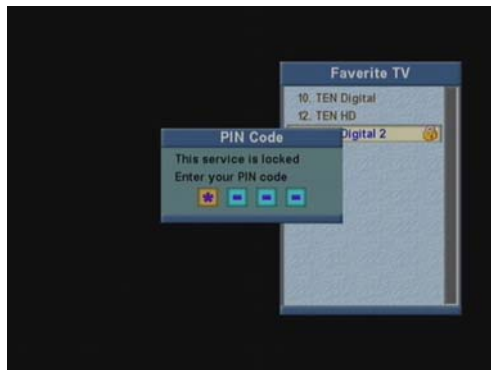
1. Press **OK** (OK) button to pop up the SERVICE LIST.
2. Press **Up/Down** (▲/▼) button to move to the service you want, press **OK** (OK) button to select.
3. Press **MENU** (MENU) button or **EXIT** (EXIT) button to close the SERVICE LIST.



NOTICE: If the service is LOCKED, the LOCK icon will be displayed, and need password to enter in.

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 services setting Favorite, you will be prompted when you press FAV button.

Program Guide

Program Guide displays the schedule information of the program provided by the services, you will view and reserve your desired programs.

Searching Program information

1. Press **EPG** button to enter Program Guide Menu, and automatically search the schedule information of the current service.
2. When the cursor on the Service List, Press (**▲/▼**) button to select your desired service, press **OK** button to search the schedule information.



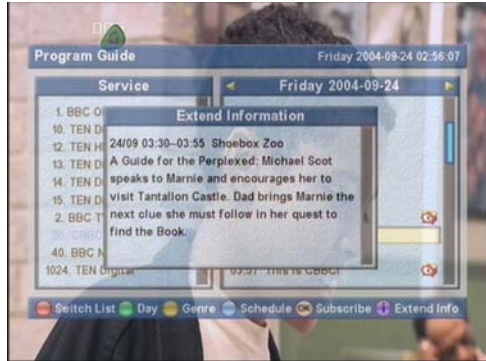
Browse Program List

1. After you find out the Program information , Press **RED** button to toggle the cursor to the Program List.



Program Guide

2. Press **GREEN** button to view with Date Mode, press **YELLOW** button to view with Genre Mode.
3. Press (◀/▶) button to change the Date in Date Mode, and change the
4. type of Content in Genre Mode.
5. Press (▲/▼) button to move to your desired program, press **INFO** button to view the detailed information.



Reserving Program

1. Press **RED** button to toggle the cursor to Program List, move to your desired program and then press **OK** button to reserve it or cancel reservation. If your selected program is current or passed, the Reservation will be failed.



Program Guide

2. Press **BLUE** button to enter Schedule Edit Menu, press (▲/▼) button or button to select your desired reserved item, press **RED** button to delete .



3. If the reserved programs are same date and same time, System will prompt you to select one of them to watch when the reserved time is out.



Navigating Menu

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

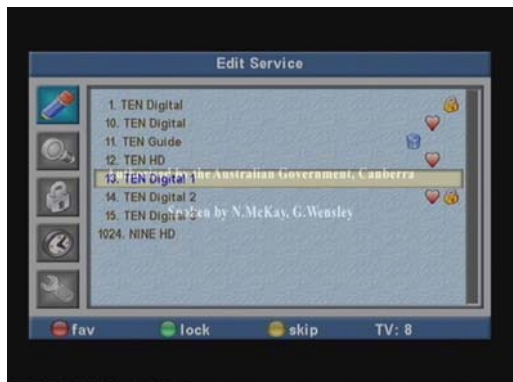
Service Edit

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



2. Press (**▲/▼**) button or (**PAGE+/PAGE-**) 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.



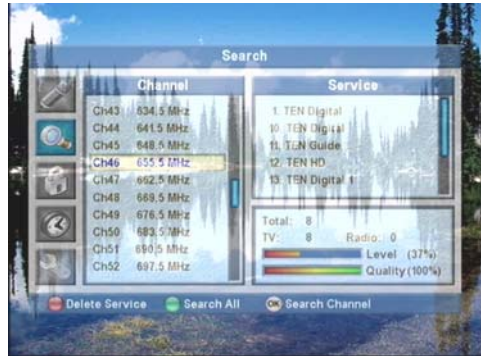
4. Press **GREEN** button to set the selected services or the current service to LOCK.

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

Navigating Menu

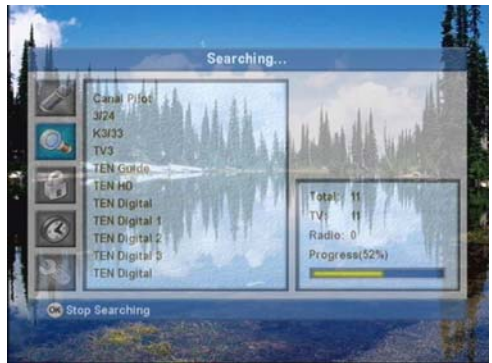
Service Searching

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



2. Channel List on the left side displays the frequency and channel number, Service List on the top right side, Status Indicator on the bottom right side.

3. Press (▲/▼) 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 of the channels.

4. Services Searched are listed on the left side, Status Indicator is on the right side.

Navigating Menu

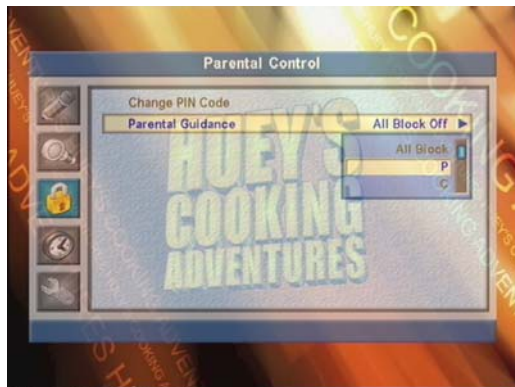
Parental Control

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

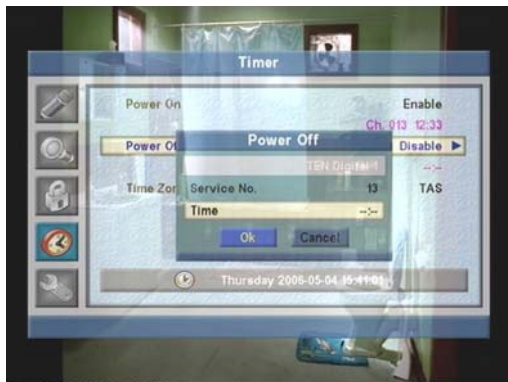
Time Setting

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



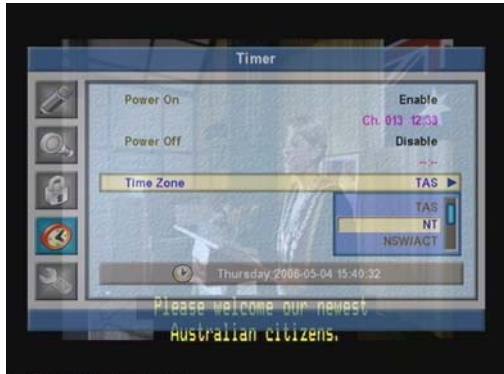
2. When “Power On” is highlighted, press (◀/▶) button to enable or disable “Time of Power On”, press **OK** button to pop up dialog menu, “Service No.” for setting service number when system Power On (Default: the current service), “Time” for setting the time of Power On.

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



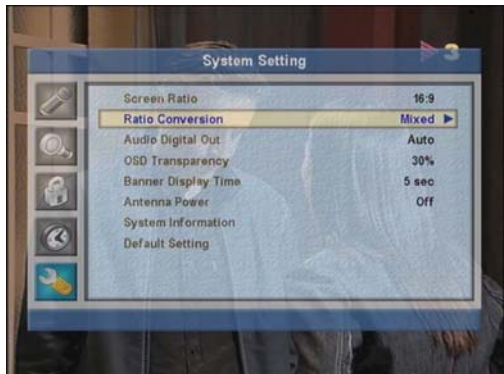
Navigating Menu

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



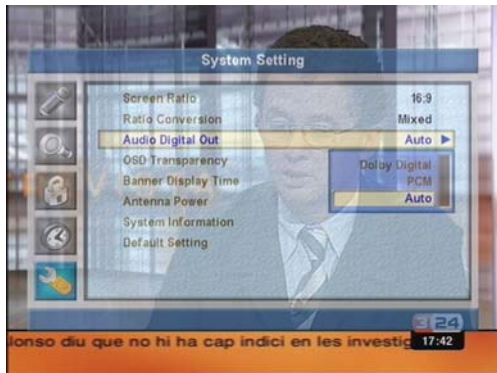
SYSTEM Setting

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



Navigating Menu

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

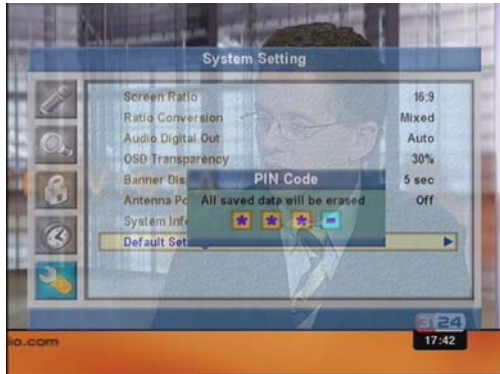


3. When "System Information" is highlighted, press **OK** button to display the Hardware and Firmware information of this system.



Navigating Menu

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



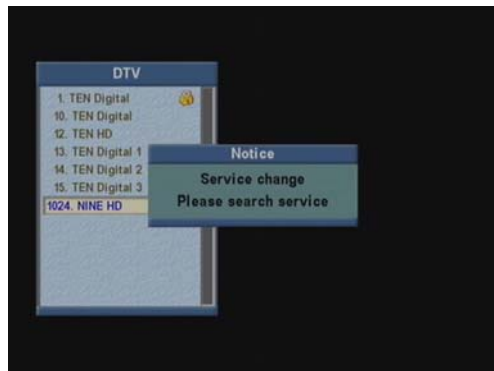
NOTE: Don't switch off the Power Supply when you restore the Default Settings.

Troubleshooting

- If the system display a notice “Services Full”, this means that the memory for storing Services information is FULL, you should remove some needless services for searching new one.



- If the system displays a notice “Service Change”, this means that the current service is not available, perhaps the service provider moved the service to other frequency, you should enter the Search Menu for new searching.



- System Time is provided by the service provider, if no time displays, perhaps the provider did not insert the time information into the services.

Troubleshooting

- If the service is setting to SKIP, press **Up/Down(▲/▼)** or **NUMERICAL(0-9)** button, one can not see the skipped service. If
- you want to restore the service normal, you have to enter SERVICE MANAGER Menu to edit it.
- When the signal you received is weak, it is recommended to use RF amplifier.
- If no video picture on the screen, please confirm the system status is not STANDBY, and check VIDEO connection and video output resolution.
- If no audio output, please confirm the system status is not MUTE, and check AUDIO connection and the volume is not minimum.
- Remote control is not available; please check the battery is OK.

ATTENTION:

Default password for PIN CODE is set as “0000”.User may choose to change. Please make sure that the password away from children or changed as soon as possible!