

# UBI World TV

Digital Satellite Receiver



## IR-ACE II User's Manual

**HUMAX**  
EASY DIGITAL

# Notice

Thank you for purchasing a HUMAX product. Please read this user's manual carefully to be able to safely install, use and maintain the product at maximum performance. Keep this user's manual next to your product for future reference. The information in this user's manual is subject to change without notice.

## **Copyright (Copyright © 2008 HUMAX Corporation)**

Not to be copied, used or translated in part or whole without HUMAX's prior consent in writing except approval of ownership of copyright and copyright law.

## **Warranty**

This warranty does not cover parts which may become defective due to misuse of the information contained in this manual.

## **Trademarks**

Irdeto is a trademark of Mindport BV.

# Notice

## **Warnings, Cautions and Notes**

Throughout the whole manual, pay special attention to the following marks that indicate hazardous situations.

- **Warning**  
Indicates a hazardous situation which could result in serious injury.
- **Caution**  
Indicates a situation which could damage the equipment or other apparatus.
- **Note**  
Indicates additional information to make the user aware of possible problems and information of any importance to help understand, use, and maintain the installation.

## **Meaning of Symbols**



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.

## **Instruction about the 'WEEE' Symbol**



This product should not be disposed with other household wastes at the end of its working life. Please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. This will prevent possible harm to the environment or human health from uncontrolled waste disposal.

**Domestic users:** Please contact either the retailer where you purchased this product or their local government office for details of where and how they can take this item for environmentally safe recycling.

**Business users:** Contact your supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

# Safety Warning

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

## **Safety Instructions and Precautions**

### **1. MAINS SUPPLY**

90~250V a.c., 50/60Hz

- 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, 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. LIQUID**

- The product should not be exposed to liquid of any kind. In addition, no objects filled with liquid 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 into 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 to the product.

### **7. CONNECTION TO THE SATELLITE DISH LNB**

- Disconnect the product from the mains before connecting or disconnecting the cable from the satellite dish. Failure to do so can damage the LNB.

### **8. CONNECTION TO THE TV**

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

### **9. EARTHING**

- The LNB cable must be earthed to the system earth for the satellite dish.

# Safety Warning

## **10.LOCATION**

- Place the product indoors to avoid exposing it to lightning, 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 the 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 a 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.

## **11.LIGHTNING, STORM OR NOT IN USE**

- Unplug the product from the wall outlet and disconnect the antenna 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.

## **12.EXTRANEIOUS OBJECTS**

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

## **13.REPLACEMENT OF PARTS**

- When replacement of parts is 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.

# Safety Warning

## **Warning**

1. **To avoid damage of the power cord or plug;**
  - Do not modify or process the power cord or plug arbitrarily.
  - Do not bend or twist the power cord.
  - Make sure to disconnect the power cord holding the plug.
  - Keep heating appliances as far as possible from the power cord in order to prevent the cover vinyl from melting.
  - The mains plug, as a disconnection device, shall remain readily accessible by the user.
2. **To avoid electrical shock;**
  - Do not open the main body.
  - Do not insert metal or inflammable objects inside the product.
  - Do not touch the power plug with wet hands.
  - Disconnect the power cord in case of lightning.
3. **To avoid damage of product;**
  - 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.
  - Do not insert metal or alien substance into the slots for the modules or Smartcards. It may cause damage to the product and reduce its life span.

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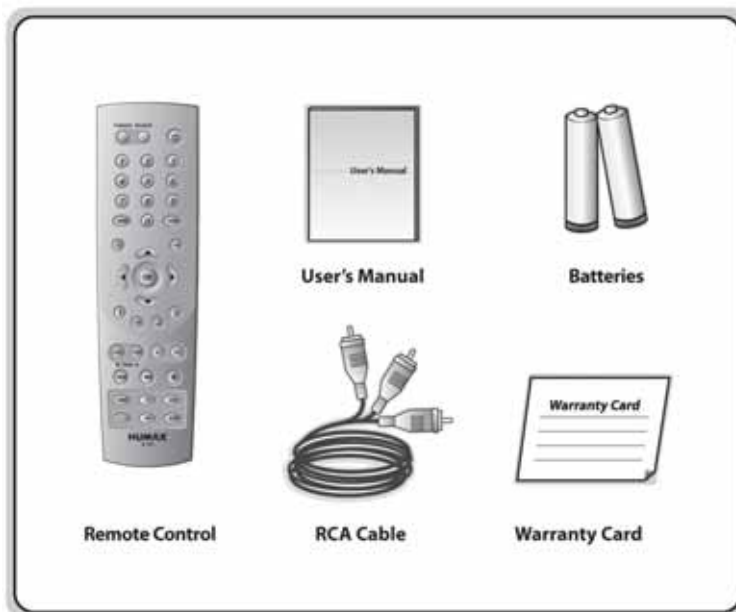
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# 1. Before Using the Product

## 1.1 Package Contents

This chapter provides detailed instructions on the product and its accessories. Please check all package contents before using your product.



**Note:**

- Faults may occur if the remote control is left without battery for a long time. Always keep the battery inserted in the remote control.
- Package contents may vary according to area.

# 1. Before Using the Product

## 1.2 Front Panel



- 1. STANDBY LED**  
Red light is emitted when the product is in standby mode.
- 2. STANDBY BUTTON**  
Switches between operation and standby modes.
- 3. VOL BUTTON**  
Display the volume bar.
- 4. CH-/CH+ or VOL-/VOL+ BUTTON**  
Moves the TV/Radio channel or volume up/down.
- 5. TV LED**  
Green light is emitted when the product is in TV mode.
- 6. RADIO LED**  
Amber light is emitted when the product is in radio mode.
- 7. SMARTCARD SLOT**  
A slot for a Smartcard

**Note:** The front of the product is subject to change without notice.

# 1. Before Using the Product

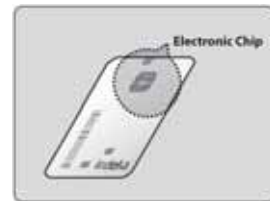
## 1.3 Conditional Access

Although some TV and radio channels are free to air, most TV and radio/music channels are available on a subscription basis and can only be enjoyed via a Conditional Access component. The Conditional Access component is a removable Smartcard.

### 1. Inserting the Smartcard

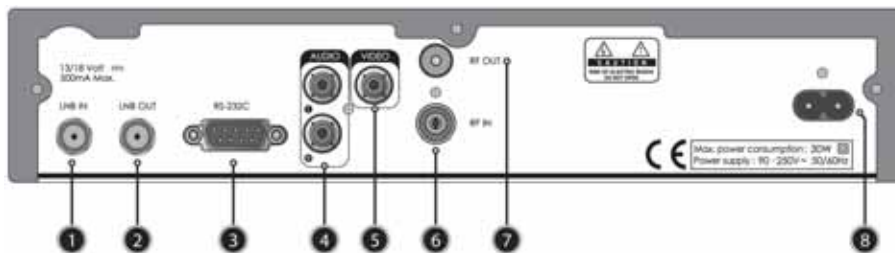
The UBI World TV smartcard looks similar to a credit card and is inserted into the slot behind the right-hand front flap of the product. A valid Smartcard entitles you to view and listen to all the channels you choose to subscribe to. The Smartcard slot on the product can be used for Irdeto Smartcard only.

1. Open the right-hand flap on the front panel of the product. Swing it downwards to expose the card slot.
2. Hold the Smartcard horizontally with the electronic chip (small square-shaped, gold in colour) facing downwards.
3. Insert the Smartcard into the slot.



# 1. Before Using the Product

## 1.4 Rear Panel



1. **LNB IN**  
Connects a satellite antenna cable.
2. **LNB OUT**  
Connects another digital satellite receiver.
3. **RS-232C**  
Connects to the PC to update software.
4. **AUDIO L/R**  
Connects to the TV or VCR using an RCA cable.
5. **VIDEO**  
Connects to the TV or VCR using an RCA cable.
6. **RF IN**  
Connects to the general aerial antenna or cable.
7. **RF OUT**  
Connects to the RF IN of the TV using an RF cable. Please refer to **8.1.4 UHF Tuning**.
8. **POWER CORD**  
Connects to the power cord.

Note: The rear panel of the product is subject to change without notice.

# 1. Before Using the Product

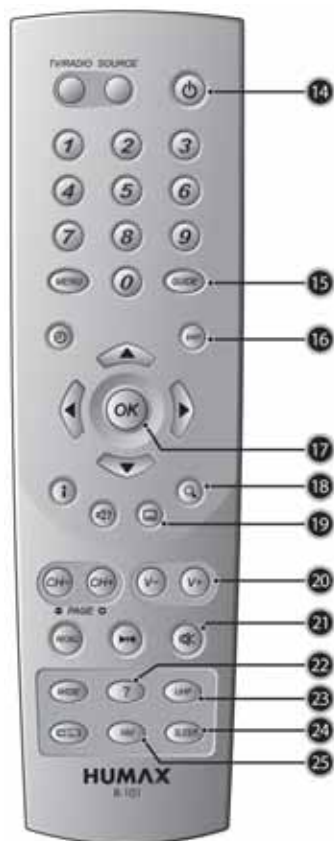
## 1.5 Remote Control



**Note:** The remote control of the product is subject to change without notice.

- 1. SOURCE**  
Currently not supported
- 2. TV/RADIO**  
Switches between TV and radio modes.
- 3. NUMERIC(0-9) BUTTONS**  
Enters a TV/radio channel number.
- 4. MENU**  
Displays the main menu.
- 5. TIME-WHITE**  
Displays the reservation box while watching a programme.  
Displays the time box in the guide.
- 6. ARROW BUTTONS**  
Changes the channel or moves the cursor up, down, left or right.
- 7. i (INFORMATION)-RED**  
Displays the channel and programme information.
- 8. SOUNDTRACK-GREEN**  
Displays the soundtrack list.
- 9. CH-/CH+ or PAGE-/PAGE+**  
Changes the channel or page.
- 10. RECALL**  
Returns to the previous channel.
- 11. FREEZE**  
Freezes the TV screen you are watching. Does not cease audio.
- 12. WIDE**  
Sets the display format.
- 13. HEPG**  
Currently not supported

# 1. Before Using the Product



## 14. STANDBY

Switches between operation and standby modes.

## 15. GUIDE

Displays the TV guide.

## 16. EXIT

Closes and returns to the previous menu.

## 17. OK

Selects a menu or confirms the selected operation. Displays the channel list while watching a programme.

## 18. ZOOM-BLUE

Enlarges the picture.

## 19. SUBTITLE-YELLOW

Displays the subtitle language list.

## 20. V-/ V+

Adjusts the audio volume.

## 21. MUTE

Mutes or unmutes the audio temporarily.

## 22. ?

Currently not supported

## 23. UHF

Displays the UHF menu. Please refer to **8.1.4 UHF Tuning**.

## 24. SLEEP

Sets the sleep time.

## 25. FAV

Displays the favourite list.

# 1. Before Using the Product

## 1.6 Remote Control Batteries

1. Press down the top of the battery cover and slide the cover off.
2. Insert the new batteries. Make sure the plus (+) ends meet the plus markings on the battery case.
3. Slide the cover back into place.



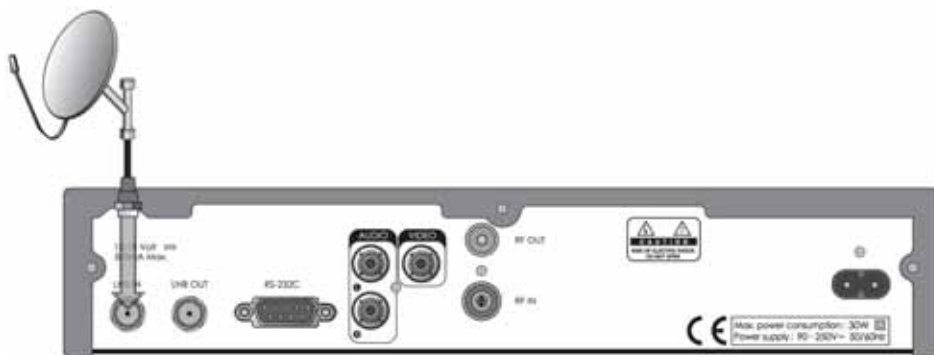
## 2. Setup

This chapter describes how to connect the product to the TV with the particular equipments for gaining optimum signal quality. The product provides various interfaces to connect to the TV, VCR or other devices. Select the most appropriate procedure depending on the equipment you have.

**Note:** If you encounter any problems setting up your product, please contact your local product distributor.

### 2.1 Connecting the Antenna

Connect the antenna to the LNB IN.

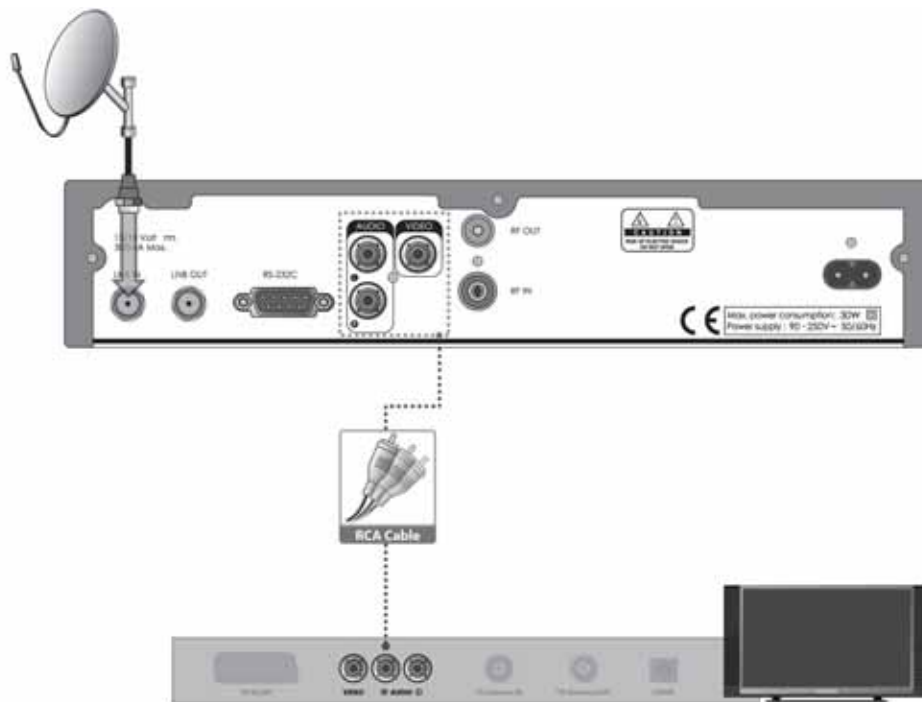


## 2. Setup

### 2.2 Connecting the TV

#### 1. Using RCA Cable

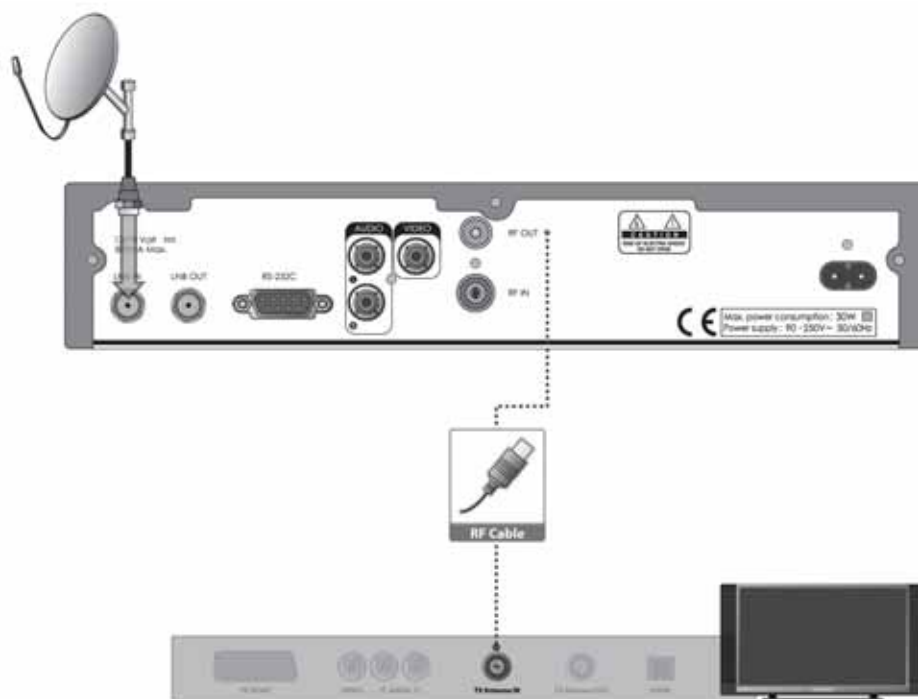
Connect the product and the TV using an RCA cable.



## 2. Setup

### 2. Using RF Cable

Connect the product and the TV using an RF cable.



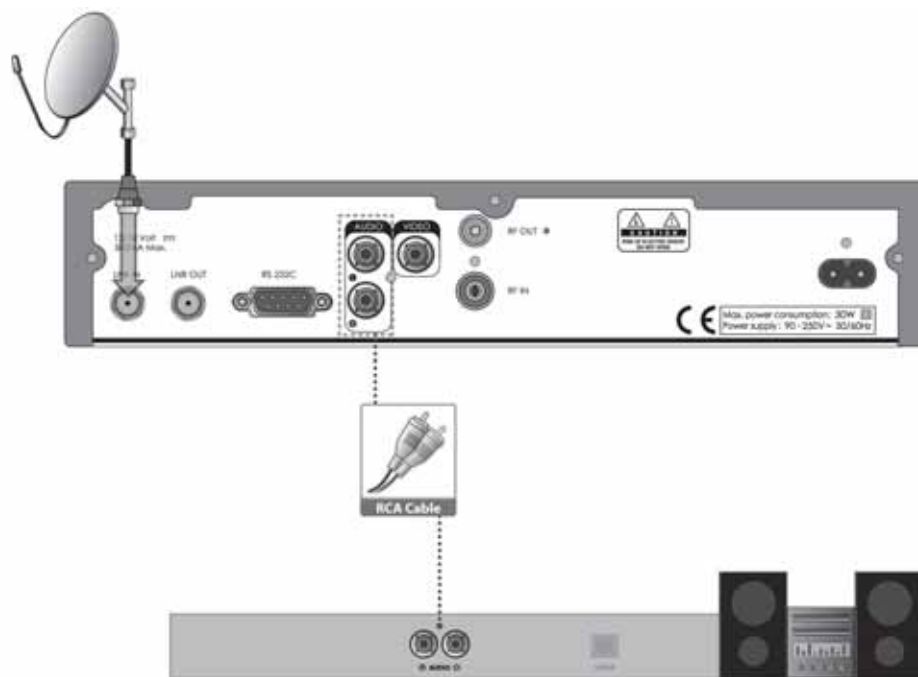
**Note:**

- Connect your aerial or cable to the RF IN to watch analogue channels.
- Tune the TV to an UHF channel if the product is connected to the TV using an RF cable. For more information, please refer to **8.1.4 UHF Tuning**.

## 2. Setup

### 2.3 Connecting the Audio System

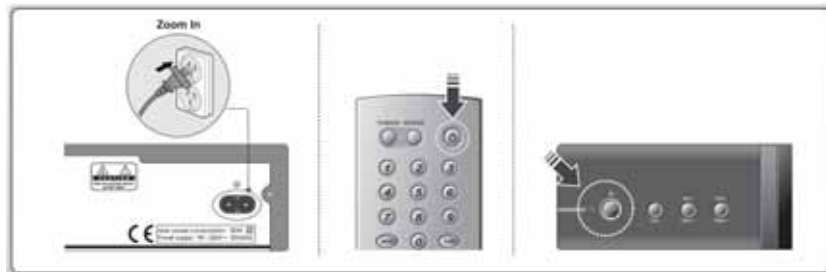
Connect the product and the audio system using an RCA cable.



## 2. Setup

### 2.4 Powering On

1. Connect the power cord of the product to a wall outlet.
2. Power on by pressing the **STANDBY** button of the remote control or the **STANDBY** button on the front of the product.



## 3. Installation Wizard

When powering on your product for the first time after purchase, the installation wizard will operate automatically.

**Tip:**

The default PIN-Code is **8272**. If you have forgotten your PIN-Code, please contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand).

### 3.1 Language

You can select the main language.

1. Select the appropriate language from the list using the **▲/▼** button and press the **OK** button to save the selected language as a default language.
2. You can also select the language using the **COLOUR** buttons.

**Note:** The display language may differ according to country.



### 3.2 Time Setting

You can set the current time.

1. Select **Current Time** using the **▲/▼** button and press the **◀/▶** button or **NUMERIC(0-9)** buttons to enter the time.
2. Select **Time Offset** using the **▲/▼** button and press the **◀/▶** button to set the time zone.
3. Select **Daylight-Saving Time** using the **▲/▼** button and press the **◀/▶** button to turn on/off the daylight-saving time.

**Note:** Set the current time to receive accurate TV guide information.



## 3. Installation Wizard

### 3.3 Result

After all setting is complete, you can view the result screen. Press the **OK** button to complete the installation wizard.



## 4. Basic Operation

This chapter describes the basic functions of the product such as switching channels, volume control and other basic features.

### 4.1 Switching Channel

You can switch the current channel using one of the following methods.

1. Press the **CH-/CH+** or **▲/▼** button.
2. Enter the channel number using the **NUMERIC(0-9)** buttons to move to the channel directly.
3. Press the **TV/RADIO** button to switch between TV channels and radio channels.

**Note:**

- The channel will be switched within the most recently watched channel group. Please refer to **Chapter 5. Channel List**.
- You can switch channels using the channel list or TV guide.
- To return to the previous channel, press the **RECALL** button.

### 4.2 Volume Control

You can adjust the volume.

1. Press the **V-/V+** or **◀/▶** button to adjust the audio volume.
2. Press the **MUTE** button to stop the audio temporarily.

**Note:** The mute function remains set while you switch channels.

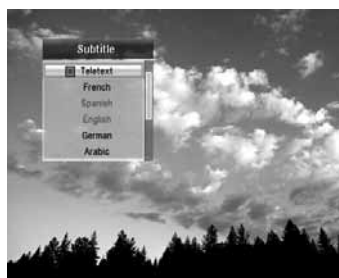


## 4. Basic Operation

### 4.3 Subtitle

You can select the language for the subtitle if the programme provides subtitle information.

1. Press the **SUBTITLE** button.
2. Select the required subtitle language using the ▲/▼ button and press the **OK** button. The subtitle will be displayed in the selected language at the bottom of the screen.



### 4.4 Soundtrack

You can select the language you prefer if the current programme is available in multiple audio languages.

1. Press the **SOUNDTRACK** button.
2. Select the audio language you prefer using the ▲/▼ button and press the **OK** button to change the audio immediately.
3. Select the audio direction (left, right, stereo) using the ◀/▶ button.



## 4. Basic Operation








### 4.5 Teletext

When the channel supports teletext, the teletext icon is displayed on the i-plate.

1. Press the **SUBTITLE** button.
2. Select **Teletext** using the **▲/▼** button and press the **OK** button.
3. To display teletext menu, press the **MENU** button in teletext mode.
4. Select the teletext function you want using the **◀/▶** button and press the **OK** button.
5. To view the teletext page, use the **RECALL** or **NUMERIC(0-9)** buttons.



#### Teletext Function

-  **Index** Returns to index page. If there is no index page, jumps to page 100.
-  **Sub-page** Searches the sub-page using the sub-code written by users.
-  **Mix** Adjusts transparency of teletext screen.
-  **Cancel** Hides the teletext except page number.
-  **Reveal** Displays the concealed information.
-  **Double Size** Displays the text size as double size.
-  **Page Hold** Holds the current page not updating it.

## 4. Basic Operation

### 4.6 Programme Information (i-plate)

Programme information is always displayed for a certain period of time whenever you switch channels. You can view the programme information by pressing the **i** button while watching a programme. Press the **EXIT** button to hide the i-plate.









#### 1. General Information

The general information is displayed as the following



- |                            |                            |
|----------------------------|----------------------------|
| 1. Next/previous channel   | 5. Next programme info     |
| 2. Channel number and name | 6. Programme name          |
| 3. Broadcasting time       | 7. Signal strength/quality |
| 4. Current time            | 8. Icons                   |

#### i-plate Icons

- |   |  |
|---|--|
|  | Displayed only if the programme is reserved for watching.                                |
|  | Represents parental level. Indicates the minimum level of age for viewing the programme. |
|  | Displayed only when the channel is a locked channel.                                     |
|  | Displayed only when subtitle information is available.                                   |
|  | Displayed only when the channel is a scrambled channel.                                  |
|  | Displayed only when there is any teletext information.                                   |
|  | Displayed only when the programme is broadcast in Dolby Digital.                         |
|  | Displays the resolution of the current programme.  |

**Note:** If there is no programme information available, programme information is not displayed.

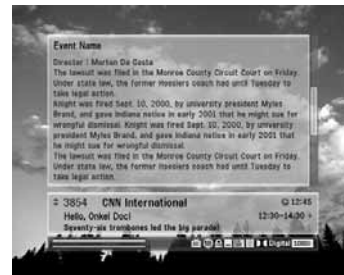
## 4. Basic Operation

### 2. Detailed Programme Information

You can see the detailed information about the current programme. Press the **i** button where the **i**-plate is displayed to view detailed information.

**Note:**

- Press the **i** button again to hide the information box.
- If the detailed programme information is more than one page, use the **▲/▼** button to move to the previous/next page.



### 4.7 Zoom

You can enlarge the screen.

Each time you press the **ZOOM** button, the magnification increases in the following sequence: 200%, 300%, 400%.



## 4. Basic Operation

### 4.8 Wide

You can set the display format.

Each time you press the **WIDE** button, the display format changes.

**Note:** For more information about display format, refer to **8.1.3 A/V Output Setting**.



### 4.9 Sleep

You can set the automatic turn off time.

Press the **SLEEP** button while watching a programme to set the sleep time. Each time you press the **SLEEP** button, the sleep time changes in the following sequence: 10, 20, 30, 60, 90, 120 minutes.



## 5. Channel List

You can display the channel list and switch to other channels.

Five types of channel lists are provided for quick and easy channel search.

<b>All (RED)</b>	The list of all TV/radio channels
<b>Favourite (GREEN)</b>	The lists of favourite channels
- <b>Auto</b>	The list of channels classified by frequency in favourite channel list
- <b>FTA</b>	The list of channels classified by free to air in favourite channel list
- <b>CAS IR</b>	The list of channels classified by CAS Irdeto in favourite channel list
- <b>CAS ETC</b>	The list of channels classified by CAS except Irdeto in favourite channel list
- <b>A-D</b>	The list of favourite channels with four subgroups that you can organize channels by your private taste
<b>Bouquet (YELLOW)</b>	The lists of channels classified by bouquets
<b>Satellite (BLUE)</b>	The lists of channels classified by satellites
<b>Alphabet (WHITE)</b>	The lists of channels classified by alphabet

**Note:**

- Press the **EXIT** button to exit the channel list.
- The sub-groups of favourite channel list exist only after configuration.
- Each time you press the **TV/RADIO** button while the channel list is displayed, the channel list will be switched between TV and radio channel list.

## 5. Channel List

### 5.1 Simple/Advanced Channel List

1. Press the **OK** button while viewing a programme to display the channel list. You can also display the channel list by selecting **MENU>Channel List>Simple/Advanced**.
2. Press the **COLOUR** button to display the corresponding channel list.

**Note:**

- You can display the simple/advanced channel list directly by pressing the **RED** button again while the all channels list (simple or advanced) is displayed.
- When pressing the **OK** button, the most recently used channel list (simple or advanced) will be displayed.
- Press the **COLOUR** button corresponding to the colour of each channel list to move the cursor to another column.



### 5.2 Switching Channels

1. Select the channel you want using the **▲/▼** button and press the **OK** button to switch to the selected channel. Enter the channel number using the **NUMERIC(0-9)** buttons and press the **OK** button.
2. Press the **CH-/CH+** button to move to the previous/next page.

## 5. Channel List

### 5.3 Option in Channel List

1. Press the **MENU** button while the channel list is displayed.
2. To add a channel to the favourite groups, select **Favourites** using the **▲/▼** button and press the **◀/▶** button to select one or more groups from the four favourite groups. Then press the **OK** button.
3. To lock a channel, select **Lock** using the **▲/▼** button and press the **◀/▶** button. When unlocking a locked channel, a pop-up requiring your PIN-Code will appear. Enter your PIN-Code.
4. To skip a channel, select **Skip** using the **▲/▼** button and press the **◀/▶** button to skip the channel.
5. To delete a channel, select **Delete** using the **▲/▼** button and press the **OK** button. A pop-up will appear. Select **Yes** and press the **OK** button to confirm your choice.
6. Press the **EXIT** button to save the changes.

**Note:**

- When switching to a locked channel, enter the PIN-Code to view the channel.
- To view skipped channels, enter the channel number using the **NUMERIC(0-9)** buttons or select the channel using the channel list.
- For detailed information about how to register all channels as favourite channels, refer to **8.2.1 Organising TV/Radio Channels**.



**Tip:**

The default PIN-Code is **8272**. If you have forgotten your PIN-Code, please contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand).

## 6. TV Guide

You can view the detailed programme information of each channel in time and date order. You can also customise your own programme guide to list the channels or programmes of interest to you and schedule your viewing using the programme information.

### 6.1 Viewing TV Guide

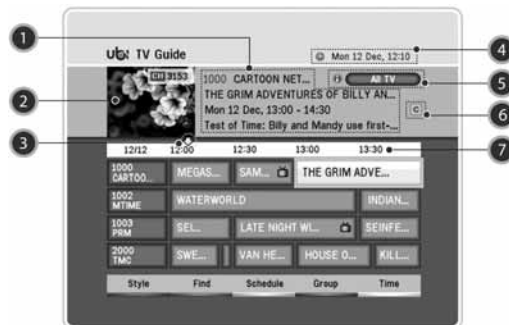
You can view the programme information of all channels.

Press the **GUIDE** button or press the **MENU** button and select **TV Guide**.

**Note:** Press the **EXIT** button to exit the TV guide screen.

#### 1. Information of the TV Guide Screen

The TV guide is displayed as follows.



- |  |                            |
|--|----------------------------|
| 1. Channel & programme information         | 5. Group name              |
| 2. Video preview window and channel number | 6. Icon                    |
| 3. Indication of present time              | 7. Table date & time range |
| 4. Present date and time                   |                            |



Displayed only when there is any information of programme.



Displayed only if the programme is reserved for watching.



Represents parental level. Indicates the minimum level of age for viewing the programme.

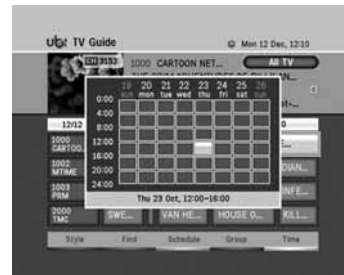


Displayed only when the channel is a scrambled channel.

## 6. TV Guide

### 2. Using TV Guide

1. Move to the previous/next programme within the same channel using the ◀/▶ button.
2. Move to another channel using the ▲/▼ button. If the contents are more than one page, use the **CH-/CH+** button to skip to the next page. Enter the number of the channel you wish to move using the **NUMERIC(0-9)** buttons.
3. You can quickly search the time zone using the time box by pressing the **WHITE** button. Select the date/time and press the **OK** button.
4. Select the programme you want and press the **OK** button. You can view the information of the programme and watch the programme if it is currently on air or reserve it if it is a future programme. Select **Watch** and press the **OK** button.



# 6. TV Guide

## 6.2 Style

You can change the style of TV guide.

1. Press the **GUIDE** button.
2. Each time you press the **RED** button, the style of TV guide changes in main, weekly, quick mode order.

### 1. Weekly Style

You can view the programme information for approximately a week.

1. Move to the previous/next column using the ◀/▶ button.
2. Move to the previous/next data using the ▲/▼ button. If the contents are more than one page, use the **CH-/CH+** button to skip to the next page.
3. Enter the number of the channel you wish to move to using the **NUMERIC(0-9)** buttons when the cursor is on the channel column.
4. When you change the channel or day, the channel data changes.
5. Select the channel you want and press the **OK** button to play in the video preview window when the cursor is on the channel column.
6. Select a future programme you want and press the **OK** button to reserve it.



### 2. Quick Style

1. Select the channel using the ▲/▼ button and select the programme using the ◀/▶ button.
2. Select the programme you wish to view and press the **OK** button. You can watch the programme if it is currently on air or reserve it if it is a future programme.
3. Quick style changes to auto style automatically. When changed to auto style, the channel information will be scrolled. To change to quick style, press the **EXIT** button.



**Note:** Press the **TV/RADIO** button to switch between TV channels and radio channels.

## 6. TV Guide

### 6.3 Find

You can find the programme you want by entering the keyword or genre of the programme.

1. Press the **GUIDE** button.
2. Press the **GREEN** button to find a programme.
3. You can select **Keyword** and **Genre** using the **▲/▼** button.

#### 1. Entering Keyword

1. Select **Keyword** using the **▲/▼** button and press the **OK** button. A keyboard will appear. Enter a keyword on the keyboard screen.
2. Press the **YELLOW** button to complete.



#### 2. Selecting Genre

1. Select **Genre** using the **▲/▼** button and press the **OK** button.
2. Select the applicable genre and press the **OK** button.

#### 3. Finding Programme

1. Press the **RED** button to proceed. The search result of the entered values will appear.
2. Select the programme you want using the **▲/▼** button and press the **OK** button to play the programme in the video preview window if it is currently on air. Press the **OK** button again to view the programme.
3. You can reserve it if it is a future programme. Select the future programme and press the **OK** button to see the reservation pop-up.
4. Press the **GREEN** button to return to TV guide.

## 6. TV Guide

### 6.4 Schedule

You can display the list of the reserved programmes. You can modify, delete or make new reservations.

1. Press the **GUIDE** button.
2. Press the **YELLOW** button.

#### 1. Deleting Schedule

1. Select the programme you want to delete using the **▲/▼** button and press the **RED** button.
2. A pop-up will appear. Select **Yes** and press the **OK** button.



#### 2. New Reservation

1. Press the **GREEN** button to make new reservations. Reservation pop-up will appear.
2. Select **Channel** using the **▲/▼** button and press the **OK** button. Select the channel group by pressing the **COLOUR** button and select the sub channel group using the **◀/▶** button. Select the channel you want using the **▲/▼** button.
3. Select **Date** using the **▲/▼** button and press the **OK** button to display calendar. Select the date and press the **OK** button.
4. Select **Start Time/End Time** using the **▲/▼** button and enter the time using the **◀/▶** or **NUMERIC(0-9)** buttons.






## 6. TV Guide

5. Select **Repeat** using the ▲/▼ button and press the ◀/▶ button to select an option among **Once**, **Daily**, **Weekly** and **Weekday**.
6. Select **OK** and press the **OK** button.

**Note:**

- Press the **YELLOW** button to return to TV guide.
- Icons

Repetition	Daily	Weekly	Weekday
Icon			

### 6.5 Group

You can change the channel group to view the programme information of each group.

1. Press the **GUIDE** button.
2. Press the **BLUE** button.
3. A pop-up will appear. Press the **COLOUR** button to display the corresponding channel group and select the sub channel group using the ▲/▼ button.

**Note:** There are five types of channel group.



## 7. Parental Control

You can set rating limits for each programme according to the age of the viewer or change your previous PIN-Code.

1. Press the **MENU** button.
2. Select **Parental Control** using the **▲/▼** button and press the **OK** button. You will be prompted to enter your PIN-Code.  
Enter the PIN-Code using the **NUMERIC(0-9)** buttons.



**Tip:**

The default PIN-Code is **8272**. If you have forgotten your PIN-Code, please contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand)

### 7.1 Censorship Classification

You can place certain restrictions on the viewers by setting age limits and requiring a PIN-Code to view the blocked programmes.

Select **Censorship Classification** using the **▲/▼** button and press the **◀/▶** button to select the age level.



**Note:** You must enter your PIN-Code to watch programmes blocked by the age restriction.

<b>View All</b>	All programmes can be watched because there is no age limitation.
<b>P (Pre-school)</b>	This programme is designed to be appropriate for pre-school children.
<b>C (Children's)</b>	This programme is designed to be appropriate for all children.
<b>G (General Audience)</b>	This programme is designed to be appropriate for all ages.

## 7. Parental Control

<b>PG (Parental Guidance)</b>	This programme contains unsuitable materials that parents want to prevent their children from watching.
<b>M (Mature Audience 15+)</b>	Programmes are blocked for children under the age of 15.
<b>MA (Mature Adult Audience 15+)</b>	Programmes are blocked for children under the age of 15.
<b>AV (Adult Audience strong violence 15+ )</b>	This programme contains the strong violent contents. Therefore, programmes are blocked for children under the age of 15.
<b>R (Restricted 18+)</b>	Programmes are blocked for children under the age of 18.
<b>Lock All</b>	All programmes are blocked without considering the age level.

### 7.2 Change PIN-Code

You can change the current PIN-Code.

1. Select **Previous PIN-Code** to change the PIN-Code using the ▲/▼ button and enter the previous PIN-Code using the **NUMERIC(0-9)** buttons.
2. Enter the new PIN-Code.
3. Enter the new PIN-Code again to verify changed PIN-Code.



**Tip:**

The default PIN-Code is **8272**. If you have forgotten your PIN-Code, please contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand)

# 8. Installation

## 8.1 System Setting

1. Press the **MENU** button.
2. Select **Installation** using the **▲/▼** button and press the **OK** button.
3. Select **System Setting** using the **▲/▼** button and press the **OK** button.

**Note:** After changing the values, press the **OK** button to save the changes and return to the previous menu.

### 1. OSD Language

1. Select **OSD Language** using the **▲/▼** button and press the **◀/▶** button.
2. Select the language you want using the **▲/▼** button and press the **OK** button.



### 2. Time Setting

Select **Time Setting** using the **▲/▼** button and press the **OK** button.

1. Select **Time Zone** using the **▲/▼** button and press the **OK** button. Select **Current Time** using the **▲/▼** button and press the **OK** button. Enter the time, date and year using the **◀/▶** or **NUMERIC(0-9)** buttons. Select **OK** and press the **OK** button. Select **Time Offset** using the **▲/▼** button and press the **◀/▶** button to set the time zone. Select **Daylight-Saving Time** using the **▲/▼** button and press the **◀/▶** button to set whether to use the daylight-saving time.



## 8. Installation

2. Select **Wakeup Time** using the  $\blacktriangle/\blacktriangledown$  button and press the  $\blacktriangle/\blacktriangledown$  button. Enter the time using the **NUMERIC(0-9)** buttons.
3. Select **Wakeup Channel No.** using the  $\blacktriangle/\blacktriangledown$  button and press the  $\blacktriangle/\blacktriangledown$  button to change the channel. You can also enter the channel number using the **NUMERIC(0-9)** buttons.
4. Select **Sleep Time** using the  $\blacktriangle/\blacktriangledown$  button and press the  $\blacktriangle/\blacktriangledown$  button. Enter the time using the **NUMERIC(0-9)** buttons.



**Note:** Once Power On/Off is specified, it is repeated everyday.

## 3. A/V Output Setting

Select **A/V Output Setting** using the  $\blacktriangle/\blacktriangledown$  button and press the **OK** button.

1. Select **Audio Output/Screen Ratio** using the  $\blacktriangle/\blacktriangledown$  button and press the  $\blacktriangle/\blacktriangledown$  button to select an option.
2. Select **Display Format** using the  $\blacktriangle/\blacktriangledown$  button and press the  $\blacktriangle/\blacktriangledown$  button.

Screen Ratio	Display Format
4:3	Letter-box, Centre, Auto
16:9	Pillar-Box, Full, Auto



3. Select **TV Standard** using the  $\blacktriangle/\blacktriangledown$  button and press the  $\blacktriangle/\blacktriangledown$  button to select an option.

## 8. Installation

### 4. UHF Tuning

Select **UHF Tuning** using the ▲/▼ button and press the **OK** button.

1. Select **Channel** using the ▲/▼ button and press the ◀/▶ button.

The channel range and frequency change according to PAL Standard are as follows:

<b>CH21~CH69</b>	PAL I/G for Europe
<b>CH28~CH69</b>	PAL B for Europe/Australia
<b>CH13~CH62</b>	PAL D for China
<b>CH21~CH69</b>	PAL K for Russia



**Note:** If the product is connected to the TV using the RF cable, you must tune the TV to an UHF channel.

2. Select **PAL Standard** using the ▲/▼ button and press the ◀/▶ button to select an option. Select a PAL standard according to the range of channels above.
3. Select **Offset** using the ▲/▼ button and press the ◀/▶ button to select an option. Adjust fine tuning setting.

### 5. Other Settings

Select **Other Settings** using the ▲/▼ button and press the **OK** button.

1. Select **OSD Transparency** using the ▲/▼ button to set the transparency of OSD (On Screen Display) and press the ◀/▶ button to select an option.
2. Select **Info. Box Display Time** using the ▲/▼ button to set the automatic display time of the information box everytime the channel is switched. Press the ◀/▶ button to select an option.

**Note:** When **Info. Box Display Time** is set to **0**, the info. box will not be displayed even when the channel is switched.



3. Select **OSD Skin** using the ▲/▼ button and press the **OK** button to change the default skin.
4. Select **Screen Saver** using the ▲/▼ button and press the ◀/▶ button to change the screen saver. Press the **OK** button to display the screen saver. Press the **OK** button again to return to the menu.
5. Select **Waiting Time** using the ▲/▼ button and press the ◀/▶ button to change the waiting time.

# 8. Installation

## 8.2 Organising Channels

1. Press the **MENU** button.
2. Select **Installation** using the **▲/▼** button and press the **OK** button.
3. Select **Organising Channels** using the **▲/▼** button and press the **OK** button.

**Tip:**

The default PIN-Code is **8272**. If you have forgotten your PIN-Code, please contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand)

### 1. Organising TV/Radio Channels

You can delete, move, lock, skip or rename the channels you have chosen. Select **Organising TV Channels/Organising Radio Channels** and press the **OK** button.

#### Organising All Channels

1. Select **Organise All Channel** using the **▲/▼** button and press the **OK** button.
2. Select the channel you want to delete and press the **RED** button. To cancel, press the **RED** button again.
3. Select the channel you want to move and press the **GREEN** button. Move the cursor to the destination in the channel list and press the **OK** button.



**Note:**

- The channel number is changed by using **Move** function.
  - To watch locked channels, you will be prompted to enter your PIN-Code. Enter the PIN-Code using the **NUMERIC(0-9)** buttons.
4. Select the channel you want to skip and press the **BLUE** button. To cancel, press the **BLUE** button again.
  5. Select the channel you want to rename and press the **WHITE** button. A keyboard will appear. Enter the name on the keyboard screen. When entering the channel name is complete, press the **YELLOW** button.

## 8. Installation

### Organising Favourite Group A-D

Select **Organising Favourite Group A-D** using the ▲/▼ button and press the **OK** button.

The **Organise Favourite TV/Radio Channels** screen consists of **Group** and **Favourite List** on the left side of the screen and **Channel List** on the right side. You can move the highlighter in order of group, favourite list and channel list using the ► button. You can move the highlighter in reverse direction using the ◀ button.

To add channels to favourite list, select a channel in the channel list you want and press the **OK** button.



**Note:** For more information about editing the channels in favourite list, refer to **8.2.1 Organising TV/Radio Channels**.

### 2. Organising Satellites

1. Select **Organising Satellites** using the ▲/▼ button and press the **OK** button.
2. The **Organising Satellites** screen consists of **Satellite** and **Transponder** on the left side of the screen and **Channel List** on the right side. To delete a satellite, select from the satellite list and press the **RED** button. To cancel, press the **RED** button again.
3. You will be prompted to save the changes. Select **OK** and press the **OK** button to save the changes.



# 8. Installation

## 8.3 Channel Search

### MENU>Installation>Channel Search

1. Press the **MENU** button.
2. Select **Installation** using the **▲/▼** button and press the **OK** button.
3. Select **Channel Search** using the **▲/▼** button and press the **OK** button.

**Note:** Press the **EXIT** button to save the changes and return to the previous menu.

#### Tip:

The default PIN-Code is **8272**. If you have forgotten your PIN-Code, please contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand).

### 1. Antenna Setting

You can set the antenna and LNB information for channel search. If the antenna is not properly set, channel search cannot be activated which means you cannot watch any of the programmes on air.

Select **Antenna Setting** using the **▲/▼** button and press the **OK** button.

### MENU>Installation>Channel Search>Antenna Setting (Fixed Antenna)

#### Antenna Alternative

Add the satellite you set using the **◀/▶** button.

#### Satellite Name

Select **Satellite Name** using the **▲/▼** button and press the **◀/▶** button to select the satellite the antenna is pointing to. If the required satellite is not available in the list, select **User Define**. A keyboard will appear. Enter the name of the satellite on the keyboard screen. Press the **YELLOW** button to complete.



## 8. Installation

### LNB Frequency

Select **LNB Frequency** using the ▲/▼ button and press the ◀/▶ button to select an option.

If the required value does not exist, select **0** and enter the LNB frequency directly using the **NUMERIC(0-9)** buttons.

**Note:** If you select **Universal**, the **22kHz Tone** value is set to **Disabled**.

### LNB Power

Select **LNB Power** using the ▲/▼ button and press the ◀/▶ button to select an option.

### 22kHz Tone

Select **22kHz Tone** using the ▲/▼ button and press the ◀/▶ button to select an option.

<b>Enable</b>	Dual LNB is used or two antennas are connected to the 22kHz tone switch box.
<b>Disable</b>	22kHz is not in use.

### Motorised System

Select **Motorised System** using the ▲/▼ button and press the ◀/▶ button to select **Disable**.

### DiSEqC Input

Select **DiSEqC Input** using the ▲/▼ button and press the ◀/▶ button to select an option.



## 8. Installation

### MENU>Installation>Channel Search>Antenna Setting (Motor Antenna)

When using a motor antenna, set **Motorised System** in antenna setting to **Enable** before performing channel search.

The procedures of **Antenna Alternative**, **Satellite Name**, **LNB Frequency**, **LNB Power** and **22kHz Tone** are similar to those of the fixed antenna. Please refer to **Fixed Antenna**.

#### Motorised System

Select **Motorised System** using the ▲/▼ button and press the ◀/▶ button to select **Enable**.

#### DiSEqC Input

Select **DiSEqC Input** using the ▲/▼ button and press the ◀/▶ button to select an option.



<b>USALS</b>	Motor Antenna using USALS
<b>DiSEqC1.2</b>	General motor antenna using DiSEqC 1.2

The options you can select from are different depending on the type of **DiSEqC Input** you choose.

When **DiSEqC Input** is set as **USALS**, press the **GREEN** button to set the position.

Select **My Longitude/My Latitude** using the ▲/▼ button and set the value using the **NUMERIC(0-9)** buttons or ◀/▶ button. And select **OK** and press the **OK** button.

#### Movement

When **DiSEqC Input** is set as **DiSEqC1.2**, select **Movement** and set the value using the **OK** or ◀/▶ button.

#### Motor Control

Select **Motor Control** using the ▲/▼ button and set the value using the **OK** or ◀/▶ button.

## 8. Installation

### Advanced Setting

Press the **RED** button in **Antenna Setting** (Motor Antenna).

- **Antenna Alternative**  
Select **Antenna Alternative** using the ▲/▼ button and press the ◀/▶ button to select the satellite the antenna is pointing to.
- **Moving Mode**  
Select **Moving Mode** using the ▲/▼ button and select an option using the ◀/▶ button.



<b>Continuous</b>	Motor moves continuously.
<b>Step</b>	Motor moves by specified unit.
<b>Time</b>	Motor moves during specified time.

- **Moving Size**  
Select **Moving Size** using the ▲/▼ button and set the value using the **NUMERIC(0-9)** buttons or ◀/▶ button.
- **Movement**  
Select **Movement** using the ▲/▼ button and set the value using the **OK** or ◀/▶ button.
- **Motor Control**  
Select **Motor Control** using the ▲/▼ button and set the value using the **OK** or ◀/▶ button.
- **Recalculation**  
Select **Recalculation** using the ▲/▼ button and press the **OK** button to recalculate all positions of other satellites.

## 8. Installation

### Limit Setting

Press the **GREEN** button in **Advanced Setting**.

- **Motor Limit**  
Select **Motor Limit** using the ▲/▼ button and press the ◀/▶ button to select an option.

<b>Enable</b>	Motor limit is set. Motor does not exceed the limit.
<b>Disable</b>	Setting is released.



**Note:** When setting new motor limit, set to **Disable**.

- **Movement**  
Select **Movement** and set the value using the **OK** or ◀/▶ button.
- **Save Limit**  
Select **Save Limit** using the ▲/▼ button and press the **OK** or ◀/▶ button to select an option.

# 8. Installation

## 2. Automatic Search

### MENU>Installation>Channel Search>Automatic Search

If you select the satellite for channel search according to the antenna setting, you can automatically search the satellite without entering any other information. You cannot watch any programmes without performing channel search.

1. Select **Automatic Search** using the ▲/▼ button and press the **OK** button.
2. Select **Antenna Alternative** using the ▲/▼ button and press the ◀/▶ button to select a satellite.
3. Select **Channel Type** using the ▲/▼ button and press the ◀/▶ button to select an option.

<b>All</b>	Searches all channels.
<b>FTA</b>	Searches free channels only.
<b>CAS</b>	Searches channels for selected CAS.



4. Select **Searching Network** using the ▲/▼ button and press the ◀/▶ button to select an option.

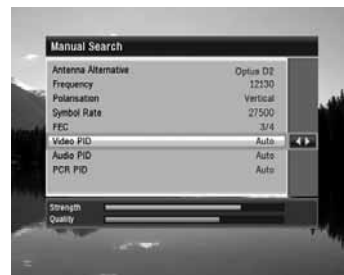
**Note:** There are different kinds of CAS such as Viaccess, Nagravision, CryptoWorks etc.

# 8. Installation

## 3. Manual Search

### MENU>Installation>Channel Search>Manual Search

1. Select **Manual Search** using the **▲/▼** button and press the **OK** button.
2. Select **Antenna Alternative** using the **▲/▼** button and press the **◀/▶** button to select the antenna.
3. Select **Frequency** using the **▲/▼** button and enter the frequency using the **NUMERIC(0-9)** buttons.
4. Select **Polarisation** using the **▲/▼** button and press the **◀/▶** button to select an option.
5. Select **Symbol Rate** using the **▲/▼** button and press the **◀/▶** buttons to select an option. If the required value does not exist, enter the symbol rate directly using the **NUMERIC(0-9)** buttons.
6. Select **FEC** using the **▲/▼** button and press the **◀/▶** button to select an option.
7. Select **Searching Network** using the **▲/▼** button and press the **◀/▶** button to select an option.
8. Select **Channel Type** using the **▲/▼** button and press the **◀/▶** button to select an option.
9. Select **Advanced** using the **▲/▼** button and press the **OK** button to start advanced search. You can enter the PID value for a specific channel. Select **Video/Audio/PCR PID** using the **▲/▼** button and press the **NUMERIC(0-9)** buttons or the **◀/▶** button to set the value. When you have selected **0 x0000**, enter the PID value directly using the keyboard. When entering the PID value is complete, select **OK**, and press the **OK** button.



## 8. Installation

### 4. SMATV Automatic Search

MENU>Installation>Channel Search>SMATV Search (Auto)

1. Select **SMATV Search** using the ▲/▼ button and press the **OK** button.
2. Set **Search Type** to **Auto**.
3. Select **Start Frequency/End Frequency** using the ▲/▼ button and enter the frequency using the **NUMERIC(0-9)** buttons.

**Note:** Enter the frequency from 950 to 2150 MHz.

4. Press the **RED** button to append more symbol rates and enter the symbol rates using the **NUMERIC(0-9)** buttons.

**Note:** You can enter up to four symbol rates.



### 5. SMATV Manual Search

MENU>Installation>Channel Search>SMATV Search (Manual)

1. Select **SMATV Search** using the ▲/▼ button and press the **OK** button.
2. Set **Search Type** to **Manual**.
3. Select **Frequency** using the ▲/▼ button and enter the frequency using the **NUMERIC(0-9)** buttons.
4. Select **Symbol Rate** using the ▲/▼ button and press the ◀/▶ buttons to select an option. If the required value does not exist, enter the symbol rate directly using the **NUMERIC(0-9)** buttons.

**Note:** Enter the frequency from 950 to 2150 MHz.

5. Select **FEC** using the ▲/▼ button and press the ◀/▶ button to select an option.



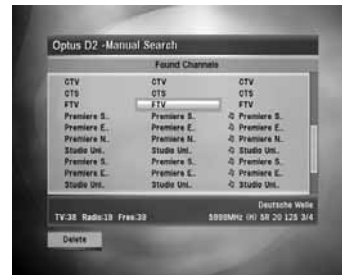
## 8. Installation

### 6. Search Result

1. Channel search will activate.
2. To delete search results, select the channel you wish to delete and press the **RED** button.
3. To save search results, press the **OK** button.

**Note:**

- When you press the **EXIT** button during channel search, the search will be discontinued and the accumulated search results will show.
- If there are no channels available, a message indicating the result will pop up.



### 8.4 Status

#### MENU>Installation>Status

1. Press the **MENU** button.
2. Select **Installation** using the  $\blacktriangle/\blacktriangledown$  button and press the **OK** button.
3. Select **Status** using the  $\blacktriangle/\blacktriangledown$  button and press the **OK** button.

**Note:** Press the **EXIT** button to save the changes and return to the previous menu.



### 1. STB Status

You can view the system information

1. Select **STB Status** using the  $\blacktriangle/\blacktriangledown$  button and press the **OK** button.
2. Confirm the information of the STB.

### 2. Signal Detection

1. Select **Signal Detection** using the  $\blacktriangle/\blacktriangledown$  button and press the **OK** button.
2. Displays the percentage of signal strength and quality.

## 8. Installation

### 3. Irdeto SW Update

1. Select **Irdeto SW Update** using the ▲/▼ button and press the **OK** button.
2. You will be prompted to enter your PIN-Code. Enter the PIN-Code using the **NUMERIC(0-9)** buttons.

**Note:** When OTA is available, **Irdeto SW Update** is activated.

### 4. Conditional Access

1. Select **Conditional Access** using the ▲/▼ button and press the **OK** button.
2. Check the information of the Conditional Access components.

### 5. Mail Message

You can receive mail sent by the broadcasting company.

1. Select **Mail Message** using the ▲/▼ button and press the **OK** button.
2. Select a mail and press the **OK** button to read the mail.

## 8. Installation

### 8.5 Default Setting

You can restore the product to the factory default.

**Note:** Please note that once you perform **Default Setting**, all data such as the antenna setting information, channel list, and all user configured data will be deleted.

**Tip:**

The default PIN-Code is **8272**. If you have forgotten your PIN-Code, please contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand)

**MENU>Installation>Default Setting**

1. Press the **MENU** button.
2. Select **Installation** using the **▲/▼** button and press the **OK** button.
3. Select **Default Setting** using the **▲/▼** button and press the **OK** button.
4. You will be prompted to enter your PIN-Code. Enter the PIN-Code using the **NUMERIC(0-9)** buttons.
5. Select **OK** and press the **OK** button to restore all setting to the factory default. To return to the previous menu, select **Cancel** and press the **OK** or **EXIT** button.
6. When default setting is completed, the installation wizard pops up automatically and assists channel search.



**Note:** For detailed information about the installation wizard, refer to **Chapter 3. Installation Wizard**.

## 9. Software Update

In order to maintain proper performance of the product, it is essential to have the most up-to-date software. Visit the Humax website to check the latest news and newly released software versions. – <http://www.humaxdigital.com>. It is recommended that you periodically check for the availability of software update.

### 9.1 OTA (Over the Air)

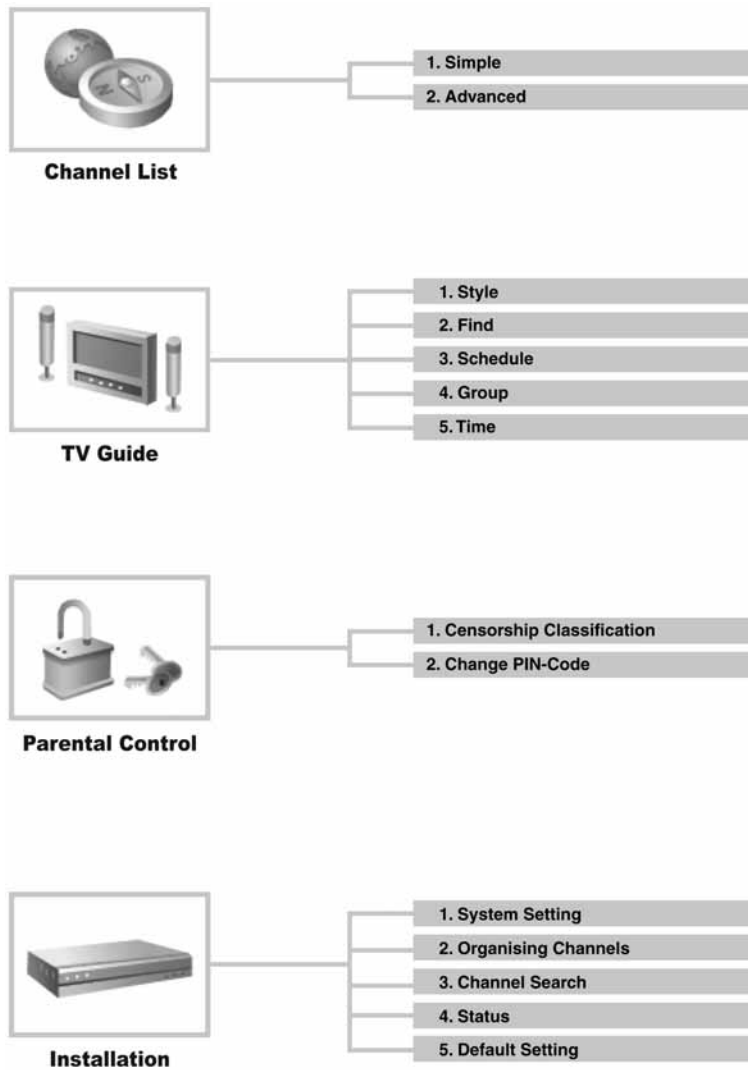
UBI World TV will regularly perform software upgrades to enhance your digital viewing pleasure by bringing new friendly user features and benefits. This is performed through the transmission of software through UBI World TV's broadcast system.

**Caution:**

- Please be careful to keep the power on and the power cord plugged in during software updates. If the power is disrupted during the software update, fatal damage may be caused to the Set Top Box.
- Please be careful not to pull out the signal (LNB cable) during the software update. Any interruptions may cause the Set Top Box not to work.
- It may take 5-10 minutes to update the software.
- Other Set Top Box Functions will not activate while the software update is taking place.

# 10. Appendix

## 10.1 Menu Map



# 10. Appendix

## 10.2 Trouble Shooting

Before contacting your local service centre, please read the tips below carefully. If the problem persists after completing the following procedure, please contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand).

**1. No message displayed on the front panel. (The product will not switch on.)**

- Check the main power cable and make sure it is plugged into a suitable power outlet.
- Check that the mains supply is switched on.
- Check that the power switch is on at the rear of the product. (where applicable)
- Connect the power cable to a different power outlet.

**2. No picture on TV set**

- Make sure that the product is powered on and in operation mode. (Press the **STANDBY** button)
- Make sure that the AV cable is firmly connected to the TV.
- Make sure that the antenna cable is properly connected to the product.
- Make sure that the antenna setting in the menu is correct.
- Check the brightness level of the TV.
- Check if the channel is currently on air. Contact the broadcaster to ensure that the channel is running.

**3. Poor picture/sound quality**

- Install the antenna in an obstacle-free place.
- Make sure there is no mobile phone or microwave oven near the product.
- Keep the power and the antenna cable for the satellite apart from each other.
- Check the signal levels and adjust your antenna if the level is too low. The signal level may be affected by weather conditions.
- Check that your dish alignment is correct.
- Change the satellite dish for a larger one as this will increase the signal levels received.
- Replace the LNB with a lower noise factor in cases where the noise factor is too high.
- Replace the LNB with a new one in case it is damaged or out of order.

**Note:** If the antenna is covered with snow or the RF is weakened by heavy rain, the condition of the sound and picture may temporarily be poor. However, the poor sound and picture quality due to weather conditions cannot be accepted as a malfunction of product.

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4. **No or poor sound**
  - Check that your AV cable is connected correctly.
  - Check the volume levels of your TV set and the product.
  - Check if the product or TV is on mute.
  - Check audio type or soundtrack option in the AV menu.
5. **Remote control does not operate.**
  - To control the product, the top end of the remote control should point directly towards the receiving part of the product.
  - Remove and reinsert the batteries in the remote control.
  - Replace the batteries in the remote control for a new set.
6. **Cannot make reservations.**
  - Check that no previous reservations are conflicting with the new reservation.
  - Check that the product is switched on at the time of the reservation.
7. **No PIN-Code information is given.**
  - The default PIN-Code is always **8272**.
8. **Channel search does not work.**
  - Make sure that the antenna setting in the menu is correct.
9. **Cannot update new software.**
  - You can get an update. If the product does not show a message requesting update, that means no software is available.
10. **Cannot watch scrambled channels.**
  - Check that you have the appropriate Smartcard. Reinsert the Smartcard and make sure it initializes correctly.
  - Check in the menu that the product is detecting the Smartcard.
  - Check in the menu that you have a valid and working subscription to the channels you wish to view.
  - Ensure that the Smartcard is not damaged.
11. **Cannot watch pay channels.**
  - Check in the menu that you have a valid and working subscription to the channels you wish to view.
  - Contact your network operator for more information.

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### 10.3 Error Message

Error message	Possible causes	What to do
<b>No or bad signal</b>	The satellite dish is not pointing at the satellite.	Adjust dish alignment.
	Signal is too weak.	Increase the LNB voltage or connect a signal amplifier.
	Satellite dish is too small.	Change to a larger dish.
	Problem with LNB.	Change the LNB.
	Wrong antenna setting.	Set the antenna correctly.
<b>The channel is scrambled or not available.</b>	The channel has a signal, but no audio or video is provided.	Confirm if the channel is currently on air.
	The channel has not been deleted by broadcasting company.	Remove the channel from the channel list and check for new transponder details.
	The channel is for data broadcasting.	The channel cannot be viewed with the appropriate model that supports data channels.
	Smartcard is not plugged in.	Insert Smartcard.
	Wrong Smartcard is in use.	Insert the appropriate Smartcard for the channel(s) you wish to view.
	Smartcard is not plugged in correctly.	Reinsert Smartcard; ensure that it is inserted correctly.
	Smartcard is damaged.	Contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand)
<b>Audio not available.</b>	The channel has a video signal, but no audio is provided.	Press the audio button on your remote control to confirm that the channel has audio options.
<b>Short LNB</b>	LNB cable is short.	Replace LNB Cable.
	LNB is internally short.	Replace LNB.
	LNB In port is inserted by alien substance or damaged.	Remove the alien substance and contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand).

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## 10.4 Specification

Tuner & Channel	
Input Connector	IEC 169-24 female (F-Type)
Frequency Range	950MHz to 2150MHz
Signal Level	-25 to -75 dBm
LNB Power & Polarization	Vertical: 13.5V Horizontal: 18V Current: Max. 500mA, Overload Protection
22kHz Tone	Frequency: 22±4kHz Amplitude: 0.6±0.2V
DiSEqC Control	Version 1.0/1.2/2.0 Compatible, USALS
Demodulation	QPSK
Input Symbol Rate	1~45 Ms/s
FEC Mode	1/2, 2/3, 3/4, 5/6 and 7/8
MPEG Transport Stream A/V Decoding	
Transport Stream	MPEG-2 ISO/IEC 13818
MPEG-2 ISO/IEC 13818	MPEG2 MP@ML
Video Input Rate	15 Mbit/s Max
Aspect Ratio	4:3, 16:9
Video Resolution	720 x 576, 720 x 480
Audio Decoding	MPEG-2 Audio/MusiCam Layer I & II
Audio Mode	Single/Dual/Joint stereo/Stereo
Memory	
Flash Memory	2 Mbytes
Graphic (MPEG)/System DRAM	16 Mbytes

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RF Modulator	
RF Input/Loophrough output	75 $\Omega$ , IEC 169-2
Frequency	47 ~ 862 MHz
Output Channel	CH 21~69
TV Standard	PAL B/G/I/D/K
A/V & Data In/Out	
Video	1 Output RCA (CVBS)
Audio	2 Output RCA (Audio L/R)
RS-232C	9 pin Socket type
Power Supply	
Input Voltage	90~250V AC, 50/60Hz
Type	SMPS
Power Consumption	Operation - Max. 30W Standby – Max. 18W
Protection	Separate internal fuse & Lightning protection
Physical Specifications	
Size	260 x 50 x 182 mm
Weight (Net)	1.2 Kg
Operating Temp	0 °C to +45 °C
Storage Humidity	5%~95% RH (Non-condensing)

# 10. Appendix

## 10.5 Glossary

### **DiSEqC (Digital Satellite Equipment Control)**

A DiSEqC compatible product relies on a switching box which detects the 22kHz tone pulsing rapidly on and off. In this way, a specially designed product can control numerous LNBs through a DiSEqC switching box.

### **EPG(Electronic Programme Guide)**

An electronic equivalent to a printed television listings magazine; it is an application used with digital receivers and digital television sets to list current and scheduled programmes that are or will be available on each channel, including a short summary or commentary for each programme. The information supplied in the EPG is sent and updated by the channel broadcaster.

### **Frequency**

The property of a signal measured in cycles per second (=Hz).

### **FTA (Free- To-Air)**

An unscrambled broadcaster allowing customers to view channels or services without paying any subscription.

### **LNB (Low Noise Block)**

A device that is mounted on an arm facing your satellite dish, focusing on satellite signals. A LNB converts signals received from satellite to a lower frequency and sends them to a satellite product via coaxial cable.

### **OSD (On Screen Display)**

OSD displays the basic information necessary for the users to configure monitor or TV settings. OSD information may include brightness, contrast, tuning, RGB adjustment, and screen size and position.

### **OTA (Over The Air)**

A standard for the transmission of software for equipment, through a broadcast system. Manufacturers reserve the right for deciding the release of the software for their products.

### **Smartcard**

A credit card sized card that contains updateable chip memory. It is used for accessing Pay TV (encrypted) channel or services when inserted into an appropriate product.

### **S/PDIF (Sony/Philips Digital Interface format)**

A standard format for the transfer of digital audio signals. It allows the transfer of digital audio between two devices without any conversion to and from analogue, which could degrade the signal quality.

### **Transponder**

A satellite is divided up in parts called transponders. A transponder is one distribution section of the satellite. Each transponder can be used for distribution of several channels or services.

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## 10.6 Service and Support

Should your product require service warranty or support, please contact UBI World TV on 1300 400 800 (Australia) or 0800 400 023 (New Zealand).

### UBI World TV Call Center

#### Australia

Tel: 1300 400 800

#### New Zealand

Tel: 0800 400 023