

# **VANTAGE HD6000T/NZ**

## **USER MANUAL**

# Contents

<b>Safety instructions</b> .....	<b>1</b>	
<b>Chapter 1</b>		
<b>Before You Begin</b> .....	<b>2</b>	
General Features .....	2	
Accessories.....	2	
<b>Chapter 2</b>		
<b>Controls and Functions</b> .....	<b>3</b>	
Front Panel .....	3	
Rear Panel .....	3	
Remote Control Unit .....	4	
<b>Chapter 3</b>		
<b>Connections</b> .....	<b>5</b>	
Location of your receiver .....	5	
Connecting your receiver to antenna .....	5	
Connecting your analog receiver .....	5	
Connecting your receiver to TV.....	5	
Connecting your receiver to VCR (dependent on model) .....	5	
Connecting external audio/Hi-Fi system ...	5	
Connecting digital audio system .....	5	
<b>Chapter 4</b>		
<b>Initial Settings and Operations</b> .....	<b>6</b>	
Menu Information .....	6	
Getting Started.....	7	
Selecting the OSD Language.....	7	
Auto Scanning.....	7	
Basic Operation .....	8	
Switching Channel .....	8	
Volume Control.....	8	
Info Bar.....	8	
Selecting the soundtrack.....	8	
Selecting the OSD teletext, VBI teletext, Subtitle and DVB subtitle .....	8	
MoSAic .....	9	
Sleep Timer Function .....	9	
Zoom Function .....	9	
Channel List .....	9	
To view channel list in specific order (Alphabet/Provider/HD) .....	9	
Electronic Program Guide (EPG).....	9	
<b>Chapter 5</b>		
<b>Menu Map</b> .....	<b>10</b>	
<b>Main Menu</b> .....	<b>10</b>	
Installation .....	11	
Auto Scanning.....	11	
Manual Scanning .....	11	
Defaults Setting.....	11	
System Setup.....	12	
Language Setting .....	12	
OSD Setting .....	12	
Media Settings .....	12	
Time Setting .....	13	
Reservation Setting.....	13	
System Information .....	13	
Channel Setup .....	14	
Delete Channels.....	14	
Delete All Channels.....	14	
Favorite Channels.....	14	
Edit Channels.....	14	
Parental Lock .....	15	
Channel Lock .....	15	
Lock Control .....	15	
Change Pin Code.....	15	
Game .....	16	
Multimedia.....	16	
<b>Recording Programs</b> .....	<b>17</b>	
Connecting an external Hard Disk Drive	17	
Hard Disk Drive Type .....	17	
Formatting Your Hard Drive.....	17	
Quick record.....	17	
Recording from EPG .....	18	
Recording with Parental Lock .....	18	
Catch Play.....	18	
Reservation and Timer Settings .....	19	
Editing .....	19	
Playback options .....	19	
<b>Software Manager</b> .....	<b>20</b>	
<b>Troubleshooting</b> .....	<b>21</b>	
<b>Specifications</b> .....	<b>22</b>	

# Safety Instructions

This product has been manufactured to satisfy the international safety standards.

Please read all of safety and operating instructions before operating the product and keep this manual for future reference.

## **MAINS SUPPLY**

AC 90-250V~, 50/60Hz

Operate your 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 STB from the mains before you start any maintenance or installation procedures.

## **OVERLOADING**

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

## **LIQUIDS**

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

## **CLEANING**

Before cleaning, disconnect the product from the wall outlet, Use a cloth lightly dampened with water (no solvents) to clean the exterior.

## **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 expose the product to direct sunlight, place it near a heater. Do not stack electronic equipment on top of the product.

## **ATTACHMENTS**

Do not use any attachment that is recommended by the manufacturer it may cause a hazard or damage the product.

## **CONNECTION TO THE TV**

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

## **LOCATION**

Place the product indoors in order not to expose to lightning, rain or sunlight.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifier) that product heat.

## **LIGHTNING, or NOT IN USE**

Unplug the product from the wall outlet and disconnect the cable during a lightning storm or when unused for a long time.

## **SERVICING**

Do not attempt service that this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazard. Refer all servicing to qualified service personnel.

***“The mains plug is used as the disconnect device. Then disconnect device shall remain readily operable”***

# Before You Begin

## General Features

- Accurate, Brilliant Friendly OSD with Full Function
- MPEG-2 (MP@ML), MPEG-2 (MP@HL), MPEG4 AVC/H.264, HP@L4
- Digital Tuner with Loop-through
- 16 Bit Colors Graphic User Interface
- Multi-language Menu
- 13-digit VFD (Time clock in Stand-by mode)
- OSD Teletext Supported
- EPG (Electronic Program Guide) for On-screen Channel Information
- Installation by Easy Setup Guide
- 10,000 Channels
- User-friendly Data Editing Function
- Favorite Channel and Parental Lock Function
- RS232C Port for Additional Information Service and Upgrading System Software
- S/PDIF OUT Optical and Coaxial
- HDMI
- SVIDEO OUT
- PVR Ready
- Time-Shift
- USB Port

## Accessories

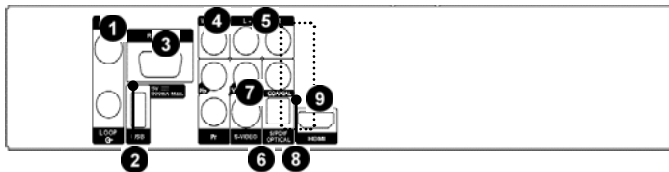
- User's Manual
- Remote Control Unit
- Batteries
- HDMI Cable

# Controls and Functions

## Front Panel

- 1 Power** (⏻) button  
Turns your receiver On/Off.
- 2 Arrow** (◀/▶) buttons  
Adjusts the volume and moves the cursor left/right on the menu
- 3 Arrow** (▲/▼) buttons  
Changes channels or moves the cursor up/down on the menu.
- 4 MENU** button  
Displays the menu  
Exits from the current menu or goes to the previous menu
- 5 OK** button  
Confirms selection
- 6 DISPLAY**  
Displays channel information  
Displays local time in Standby mode

## Rear Panel

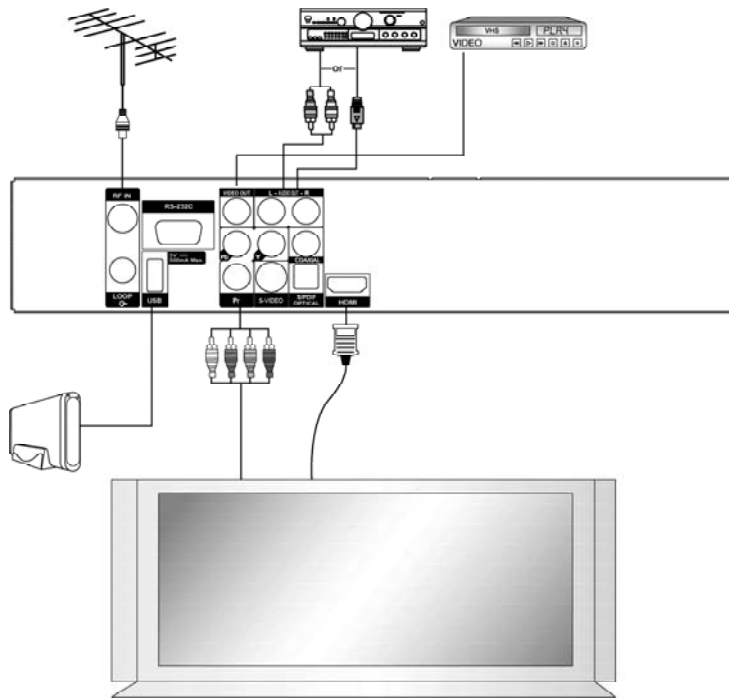


- 1 RF IN (Optional)**  
It Connects to the terrestrial antenna for DTV signal. INPUT signal.
- 2 USB**  
Connects to the External HDD or USB storage with USB cable.
- 3 RS-232C**  
Connect to a PC.  
RS232 transfers data to the external computer.
- 4 VIDEO OUT**  
Connects to video input jack on TV or any external Video system.
- 5 AUDIO OUT, LEFT / RIGHT**  
Connects to audio input jacks on TV or any external audio system.
- 6 Y Pb Pr OUT**  
Connects to video input jack on TV or any external Video system.
- 7 S-Video OUT**  
Connects to the TV with S-Video cable
- 8 S/PDIF OUT Optical & Coaxial**  
Connects to a digital audio component with optical cable.
- 9 HDMI**  
Connects to the TV with HDMI cable

## Remote Control Unit

- 1 Power** (⏻) button for TV & STB  
Turns your receiver & TV On/Off.
- 2 Numeric (0~9)** buttons  
Controls the number entry and changes program channel directly.
- 3 Mode** (TV/RADIO) button  
Switches between TV and Radio channel list.
- 4 Sleep** (⌚) button  
Shows the time setting for the sleep-timer.
- 5 MoSAiC** (MOSAIC) button  
Displays multi picture section.
- 6 Arrow** (◀/▶) or **OK** buttons  
Adjusts the volume level or moves the cursor left or right on the menu.  
**Arrow** (▲/▼) or **OK** buttons  
Changes channels or moves the cursor up or down on the menu.
- 7 Menu** (☰) button  
Displays the menu  
Exits from the current menu or goes to the previous menu.
- 8 Mute** (🔇) button  
Mutes audio output.
- 9 Last** button  
Shows **Viewed Channel List**.
- 10 Audio** (🔊) button  
Shows the Input Audio information.
- 11 OK** button  
Shows Channel list while watching TV or listening to the Radio.
- 12 Guide** (📺) button  
Shows the TV program guide.
- 13 VOL +/-** buttons  
Adjusts the volume level.
- 14 Zoom** (🔍) button  
Zooms in the selected screen.  
The Zooming location changes by pressing direction buttons.  
(x2 → normal)
- 15 Text** (📄) button  
Changes to the teletext mode.
- 16 INFO** (ℹ) button  
Displays program information in the screen.
- 17 Back** (⬅) button  
Goes to previous menu. The changed values are to be saved.
- 18 List** (📋) button  
Shows channel list.
- 19 PR +/-** buttons  
Changes channel up or down.
- 20 Page** (+/-) buttons  
Moves up or down pages on the menu and TV/Radio List.
- 21 FAV** (♥) button  
Go to the last channel you've watched in the Favorite Channel List 1.  
And if pressed again, you can see the last channel you've watched in the next Favorite Channel List2. Repeat pressing the button until no more Favorite Channel is found. Then it returns to the current channel.
- 22 REW** button  
Rewinds the recorded programs to x8.
- 23 Play** button  
Play the recorder programs
- 24 FWD** button  
Shows the recorded program in the media player.  
Fast forward the recorded program to x16.
- 25 Record** button  
Starts to record programs.
- 26 Stop** button  
Stops to record the program and to play the program.
- 27 Pause** button  
Pauses and play the program.
- 28 V.Format** button  
Set the Video format.
- 29 Media** button  
Shows Media Player.
- 30 Time Shift** button  
Starts Time shift function.

# Connections



## Location of your receiver

- Install your receiver in horizontal position
- Do not put any heavy stuff such as a TV on your receiver
- Do not install your receiver in the places as follows: Vibrating place, direct sunrays, Humid place, too high or low temperature, and no ventilated place.

## Connecting your receiver with antenna

After installing your antenna system, connect the coaxial cable from of your antenna to “RF IN” terminal marked at the rear panel of your receiver. All cable connectors should be finger-tightened; do not use any kind of wrench while tightening connectors.

## Connecting your analog receiver

To facilitate the use of analog receivers to view analog channels, this product has been provided with a loop through terminal marked as “Loop”. Connect the coaxial cable from this terminal to the RF input terminal of your analog receiver. The receiver will pass through signals to your analog receiver via the “Loop” connection.

## Connecting your receiver to TV

To connect your receiver with your television, you can use 4 different methods; via RCA cable, SCART cable, HDMI cable or YUV. Connect the RF cable to the terminal marked “RF OUT” on the rear panel of your receiver and its other end to the TV RF input socket. Connect the Video/Audio RCA cables from the Video OUT/AUDIO OUT (LEFT, RIGHT) on the rear of your receiver to the Video INPUT/AUDIO INPUT (LEFT, RIGHT) jacks on the TV. In the case of connecting your TV through SCART cable, connect the SCART connector marked TV to the respective SCART port on the TV. (depend on model)  
Connect the HDMI cable to the terminal marked “HDMI” on the rear panel of your receiver and its other end to the TV HDMI input.

## Connecting your receiver to VCR (depending on model)

To connect a VCR, your receiver has been provided with SCART at the rear marked “VCR”. Using a SCART connector, the VCR can be connected to your receiver.

## Connecting external audio/Hi-Fi system

To connect any external Audio Hi-Fi system, your receiver has been provided with two RCA connectors at the rear panel of your receiver, marked with AUDIO L and R respectively to connect the left and right Audio on the external audio/Hi-Fi system.

## Connecting digital audio system

Connect a cable between S/PDIF OUT at the rear panel of your receiver and S/PDIF INPUT COAXIAL or OPTICAL on the Digital Audio System.

# Initial Settings and Operations

## Menu Information

A menu is a field of text shown on the TV screen. Selectable lines are generally activated (highlighted). No-activated lines cannot be selected. Most of menus show short information at the bottom of the screen.

**This menu consists of 7 main menus:**

- **Installation**
- **System Setup**
- **Channel Setup**
- **Parental Lock**
- **Game**
- **Multimedia**
- **Conditional Access**

- 1 Using the **Arrow (▲/▼)** buttons you can move upwards and downwards on the menus. On the menus, you can search channels using this button.
- 2 When you have reached the required subject menu, press the **OK** button to confirm your choice.
- 3 On the menus, you can select menu items using the **Arrow (◀/▶)** buttons.
- 4 When you want to return to the previous menu with saving the change, press the **Back (↶)** button.
- 5 When you want to exit from the current menu, press the **Menu (⏏)** button.



## Getting Started

To start your receiver for the first time, you must select the language for displaying menus and you should set parameters for system configuration and scan terrestrial channels. Perform the following setup procedure for scanning the transmission towers. Follow the instructions below to scan terrestrial channels. You can enjoy watching TV or listening to the Radio after the procedure completes.

- 1 Turn on your TV and receiver.  
**Language Setting** menu will appear automatically.  
**OSD Language** is highlighted.

### Selecting the On Screen Display (OSD) Language

- 2 Select the OSD language of your choice using the **Arrow** (◀/▶) buttons.  
You will see the selected language on the OSD menu.
- 3 Select **Installation** using the **Arrow** (◀/▶) buttons.

### Auto Scanning

- 1 Press the **OK** button, auto Scanning will start.
- 2 Press the **OK** button to save the changes.
- 3 Press the **Back** (⏪) button to exit from the menu and press the **Arrow** (▲/▼) buttons to select the desired channel. Now you can watch TV or listen to the Radio



## Basic Operation

This section explains various functions while watching TV or listening to the Radio.

### Switching Channel

You can switch the current channel by three different methods.

- **Method 1:** Press the **Arrow (▲/▼)** buttons or **PR+/-** buttons.
- **Method 2:** To select a channel directly, select a channel using the **Numeric (0~9)** button.
- **Method 3:**
  - 1 To display the channel list, press the **OK** button.
  - 2 Select a channel you want to watch using the **Arrow (▲/▼)** buttons and then press the **OK** button.
    - If there are multiple channels, use the **Page (+/-)** or the **Arrow (◀/▶)** buttons to move to channels by page.
    - Press the **Mode (TV/R)** button to switch between the TV and Radio channel.
- **Method 4:** How to move to the watched channel.
  - 1 Press the last button with RCU.
  - 2 Press **OK** button after a channel selection by using the Arrow (▲/▼) with RCU.
  - 3 Press **OK** button to exit.

### Volume Control

To control the volume:

- Press the **VOL+/-** or the **Arrow (◀/▶)** buttons.
- Press the **Mute (M)** button to turn the sound off.
- Press the **Mute (M)** button again or the **VOL+/-** or **Arrow (◀/▶)** buttons to cancel muting.

### Info Bar

Channel information always appears for a specific period of time whenever you switch channels.

#### General Information

Press the **INFO (i)** button; you can see general information of the current channel.

- 1 Channel number and name
- 2 Current time
- 3 Signal Level
- 4 Signal Quality
- 5 Icons: HD channel, Locked channel, Radio Channel, Scrambled channel, Subtitle, Teletext information
- 6 EPG information.
- 7 Conditional Access

#### Detailed Channel Information

You can see detailed channel information pressing the **INFO (i)** button again.

- 8 You can see detailed channel information pressing the INFO button again.
- 9 Frequency, Video PID, Audio PID, PCR PID
- 10 Display the stream information.

### Selecting the soundtrack

You can select the audio language, soundtrack, or sound mode.

- 1 Press the **Audio (Yellow)** button.
- 2 Press the **Arrow (▲/▼)** buttons to select the audio language or soundtrack and press the **OK** button.
- 3 Press the **Arrow (◀/▶)** buttons to select the sound mode from **Stereo**, **Mono left**, or **Mono Right**.
- 4 Stream information.

### Selecting the OSD teletext, VBI teletext, Subtitle and DVB subtitle

You can choose the **OSD teletext**, **VBI teletext**, **subtitle** and **DVB subtitle** for the current live TV program if provided from the broadcasting station.

- **OSD teletext:** Press the **Text (T)** button
- **VBI teletext:** Press the **Text (T)** button **twice**.
- **Subtitle:** Press the **Text (T)** button **three times**.
- **DVB subtitle:** Press the **Text (T)** button **four times**.



## MoSAic

You can see multi picture by pressing the **RED (MoSAic)** button.

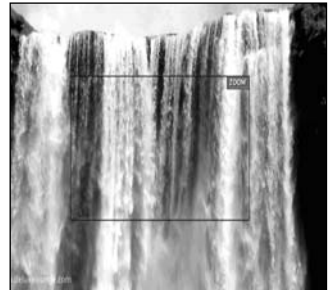
## Sleep Timer Function

Press the **GREEN (Sleep)** button, you will see the time set for the sleep timer if already set from the Time Setting menu.

## Zoom Function

You can make the picture appear larger on the screen pressing the **Zoom (⊕)** button.

- 1 Press the **Zoom (⊕)** button.
- 2 Select the area you want to zoom using the **Arrow** buttons and then press the **OK** button. Picture is enlarged two times.
- 3 Each time you press the **Page (+/-)** buttons, the picture is enlarged two or four times. Press the **Arrow (▲/▼/◀/▶)** buttons to change the location at the lower right of display.
- 4 To cancel the Zoom function, press the **Zoom (⊕)** button twice or **Back (⏪)** button.



## Channel List

You can see the TV or Radio channel list pressing the **OK** button while watching TV or listening to the Radio. Switch the channel list pressing the **Mode (⏮/⏭)** button. The icon (€) behind the channel name symbolizes scrambled channel, and the (Δ) icon behind the channel name symbolizes indicates a locked channel.

Select channel using the **Arrow (▲/▼/◀/▶)**, **PR+/-**, or **Page (+/-)** buttons and press the **OK** button to watch.

The colored buttons show the channel lists as follows:

- **RED (MoSAic)** button: by alphabetical order (alphabetical A-Z)
- **GREEN (Sleep)** button: by muxes
- **YELLOW (Audio)** button: by names of broadcasting providers
- **Blue (List)** button: by HD channels



## To view channel list in specific order (Alphabet/Provider/HD)

- 1 Press the **Colored (Red/ Green/Yellow/Blue)** button. Channel list is highlighted.
- 2 Select **Alphabet**, **Provider**, or **HD** using the **Arrow (▲/▼)** buttons. The channel list is sorted automatically by your selection.
- 3 Select the channel pressing the **Arrow (▲/▼)** or **Page (▲/▼)** buttons and press the **OK** button to watch it.



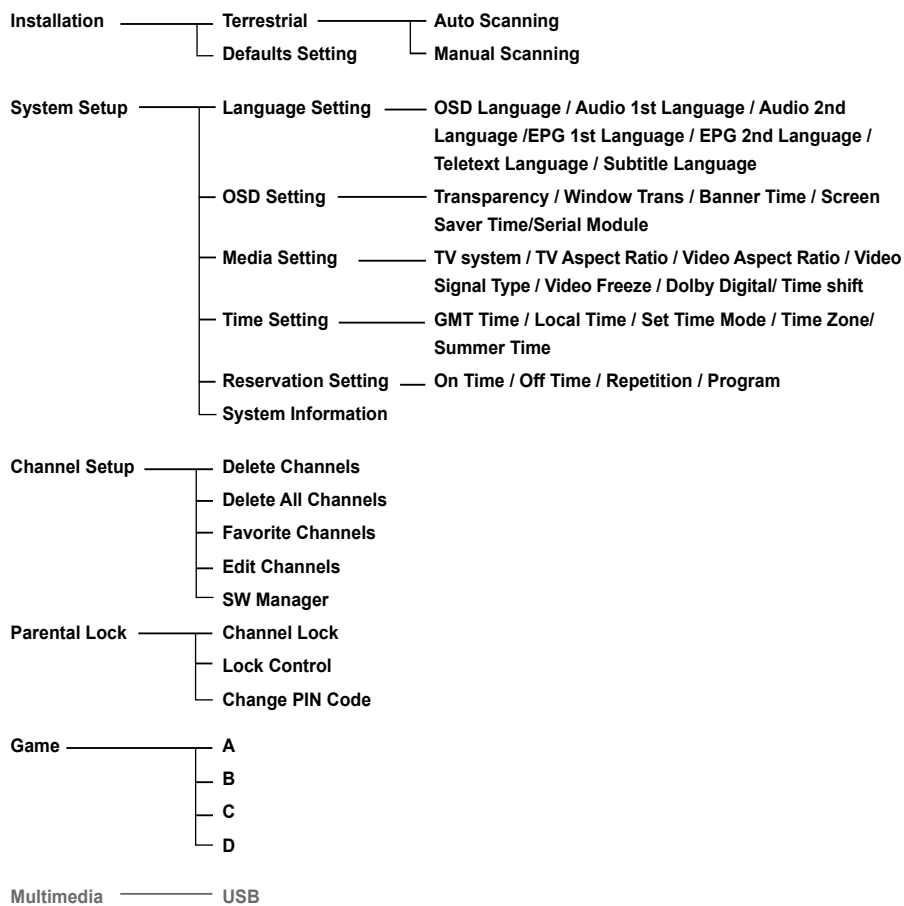
## Electronic Program Guide (EPG)

EPG displays program information such as program titles, broadcasting schedule, Program synopsis and such EPG service differ depending on the service provider.

- 1 Press the **EPG (⏮)** button while watching TV or listening to the Radio EPG information appears.
- 2 Select a program for further more information.
  - **Arrow (▲/▼)** buttons: Selects a program by channel
  - **Arrow (◀/▶)** buttons: Selects a program by time & date within the same channel. It displays the program list at 30 minutes intervals.
  - You can see the detailed information by pressing **Page (+/-)** buttons with RCU.
- 3 Press the **OK** button, detailed information on the selected event appears.
- 4 To exit from the EPG mode, press the **Back (⏪)** button.



# Menu Map



# Main Menu

The menu has been carefully designed from user-friendly point of view to assure easy operation to your receiver. The main menu is classified into 7 sub menus that will carry out the various operations individually.

## Installation

In the **Installation** menu, you can customize antenna setting and do channel scanning. Press the **Menu** (III) button.

Select **Installation** using the **Arrow** (◀/▶) buttons on the main menu.

### Auto Scanning

- 1 Press the **OK** button, Auto Scanning will start.
- 2 Press the **OK** button to save the changes.
- 3 Press the **Back** (⏪) button to exit from the menu and press the **Arrow** (▲/▼) buttons to select the desired channel. Now you can watch TV or listen to the Radio.

*Installation >> Manual Scanning*

### Manual Scanning

- 1 Select the channel number using the **Arrow** (◀/▶)
- 2 Press the **OK** button. Manual scanning will start.
- 3 Press the **OK** button to save the changes.
- 4 Press the **Back** (⏪) button to exit from the menu and press the **Arrow** (▲/▼) buttons to select the desired channel. Now you can watch TV or listen to the Radio.

*Installation >> Defaults Setting*

### Defaults Setting

You can restore the default setting in case you have encountered some problems after saving changes to channel data and others that may be in error.

- 1 Select **Defaults Setting** using the **Arrow** (▲/▼) buttons on the **Installation** menu and press the **OK** button.
- 2 Select a defaults option (**Factory Defaults**, or **STB Reboot**) using the **Arrow** (▲/▼) buttons and press the **OK** button.
  - **Factory Defaults:** Resets back to the factory-default settings.  
If you press the **OK** button in this menu, you will see a dialog box asking you to confirm the channel defaults or factory defaults setting.  
Select **Yes** or **No**, and press the **OK** button.
  - **STB Reboot**  
If you press the **OK** button in this menu, the Set-top box (STB) reboots.



## System Setup

You can set the system configuration in this menu. Press the **Menu** (||||) button. Select **System Setup** using the **Arrow** (◀/▶) buttons on the menu.

**System Setup >> Language Setting**

### Language Setting

You can set languages for OSD, Audio 1-2, Teletext, Subtitle, and EPG 1-2

- 1 Select **Language Setting** using the **Arrow** (▲/▼) buttons on the **System Setup** menu and press the **OK** button.
- 2 Select any of **OSD**, **Audio1- 2**, **Teletext**, **Subtitle**, and **EPG1-2 languages** using the **Arrow** (▲/▼) buttons and use the **Arrow** (◀/▶) buttons to select its language.

**System Setup >> OSD Setting**

### OSD Setting

You can adjust **OSD Transparency**, Window Trans OSD Banner Time, and Screen Saver Time.

- 1 Select **OSD Setting** using the **Arrow** (▲/▼) buttons on the **System Setup** menu and press the **OK** button.
- 2 Select any of **Transparency**, **Window Trans**, **Screen saver Time**, **VFD Module** and **Display in Standby Mode**, and **Screen saver Time** using the **Arrow** (▲/▼) buttons and use the **Arrow** (◀/▶) buttons to make changes.
  - **Transparency:** 0 (opaque) to 100%
  - **Window Trans:** 0 (opaque) to 100%
  - **Banner Time:** 1 to 60 seconds or Always
  - **Screen saver Time:** 1 to 60 minutes or None
  - **Serial Module:** X-crypt or None

**System Setup >> Media Setting**

### Media Setting

You can enter the various media setting for TV System, TV Aspect Ratio, Video Aspect Ratio, RGB, Y/Pb/Pr or Composite, RF Channel, Broadcasting System, Video Freeze and DVB Subtitle.

- 1 Select **Media Setting** using the **Arrow** (▲/▼) buttons on the **System Setup** menu and press the **OK** button.
- 2 Select **Media Setting** using the **Arrow** (▲/▼) buttons and press the **Arrow** (◀/▶) buttons to make changes.
  - **TV System:** 576p, 720p, 1080i
  - **TV Aspect Ratio:** You can set the aspect ratio of your TV. (4:3,16:9 or Auto)



### System Setup >> Time Setting

## Time Setting

You can set the time zone.

- 1 Select **Time Setting** using the **Arrow (▲/▼)** buttons on the **System Setup** menu and press the **OK** button.

#### ◆ Set Time Zone:

Press the **Arrow (◀/▶)** buttons to set time mode for Auto or Manual

#### ◆ Time Zone

Press the **Arrow (◀/▶)** buttons to set the time zone.

The local time will be automatically changed by this setting.

Set the time by using the **Arrow (◀/▶)** buttons in case of **Auto set time mode**

Input the figures with the numeric keys in case of **Manual set time mode**

- #### ◆ Daylight Savings Time:
- Select the Daylight Savings time function **on** or **off**



### System Setup >> Reservation Setting

## Reservation Setting

You can set timer of reservation for TV program such as switch on, off and TV program. Select the Event NO. for the reservation.

- ON time: Input the Switch-ON time with numeric keys.
- OFF time: Input the Switch-OFF time with numeric keys.
- Record: OFF, Once, Daily, Weekly.
- Repetition: Select the Event activation time option (Once, Daily) with the Arrow (◀/▶) buttons.
- Weekly timer record option (Press OK to select each day of the week).
- Program: Select the channel with Arrow (◀/▶) buttons and press OK to save.
- Standby: ON/OFF with the arrow (◀/▶) buttons.
- Target Device: None/HDD Select the device with Arrow (◀/▶) buttons and press OK to save.



### System Setup >> System information

## System Information

You can check system information like Model Name, hardware version, Loader version, Main Software version, and Main Software Build Date.

## Channel Setup

You can edit TV and Radio channels and the favorite channel group in this menu. Press the **Menu** (III) button. Select **Channel Setup** using the **Arrow** (◀/▶) buttons on the main menu.

### Channel Setup >> Delete Channels

#### Delete Channels

You can delete TV and Radio channels you want.

- 1 Select **Delete Channel** using the **Arrow** (▲/▼) buttons on the **Channel Setup** menu and press the **OK** button.
- 2 Select the channel you want to delete using the **Arrow** (▲/▼) buttons and press the **OK** button.  
Press the **Arrow** (◀/▶) buttons to switch between TV and Radio List.  
You can select multiple channels.  
Bulleted list indicates selected channels.  
Press the Green (sleep) button for Delete mode by Channel, TP or Satellite.
- 3 Press the **RED (MoSAiC)** button to delete selected channels.

### Channel Setup >> Delete All Channels

#### Delete All Channels

You can delete all channels.

- 1 Select **Delete All Channels** using the **Arrow** (▲/▼) buttons on the **Channel Setup** menu and press the **OK** button. System message dialog box appears asking you to confirm it.
- 2 Select **Yes** using the **Arrow** (◀/▶) buttons and press the **OK** button to delete all channels.

### Channel Setup >> Favorite Channels

#### Favorite Channels

You can edit favorite channels. There are 9 favorite channel groups (**News, Sports, Movie, Music, Shopping, Kids, Adults, Drama, and Education**).

- 1 Select **Favorite Channels** using the **Arrow** (▲/▼) buttons on the Channel setup menu and press the **OK** button.
- 2 Select channels that you want to edit using the **Arrow** (▲/▼) or **Page** (+/-) buttons in the **TV/Radio List** and press the **RED (MoSAiC)** button.  
Selected channels are listed in the favorite group.  
Pressing the **TV/Radio** (TV/R) button switches between TV and Radio List.
- 3 Press the **FAV** (♥) button to select another favorite group.
- 4 Select channels that you want to edit using the **Arrow** (▲/▼) buttons in the **TV/Radio List** and press the **RED (MoSAiC)** button. Repeat steps from 3 to 4.
- 5 Press the **OK** button to confirm.

### Channel Setup >> Edit Channels

#### Edit Channels

You can rename the channel list.

Select **Edit Channels** using the **Arrow** (▲/▼) buttons on the Channel Setup menu and press the **OK** button.

- **FAV** (♥) button: Shows Favorite channel lists
- **Arrow** (◀/▶) buttons: Switches between TV and Radio channel lists

#### To rename the channel list

- 1 Select the channel you want to rename using the **Arrow** (▲/▼), **PR**+/-, or **Page** (+/-) buttons and press the **GREEN (Sleep)** button. Font Table will appear.
- 2 Press the **BLUE (SAT)** button to delete the selected channel name.
- 3 Select characters using the **Arrow** buttons and press the **RED (MoSAiC)** button to enter characters.
  - **YELLOW (Audio)** button: Enters space
  - **BLUE (SAT)** button: Hits the back space
  - **RED (MoSAiC)** button: Selects the input
- 4 Press the **OK** button to confirm.





## Parental Lock

You can lock the channels to prohibit unauthorized users from watching specific channels. Press the **Menu** (III) button. Select **Parental Lock** using the **Arrow** (◀/▶) buttons on the main menu

### Parental Lock >> Channel Lock

#### Channel Lock

Whenever you want to see the locked channel you will be prompted to enter the PIN Code in the dialog box.

- 1 Select **Channel Lock** using the **Arrow** (▲/▼) buttons on the Parental Lock menu and press the **OK** button.
- 2 Select the channel that you want to use the **Arrow** (▲/▼), **PR+/-**, **Page** (+/-), or **Numeric** (0~9) buttons and press the **OK** button.  
Selected channel will be displayed with locking-marked. Press it again to clear.  
**Arrow** (◀/▶) buttons: Switches between TV and Radio List.
- 3 Press the **RED (MoSAiC)** button to confirm.
- 4 Press the **Blue (SAT)** button to move PIG screen.



### Parental Lock >> Lock Control

#### Lock Control

Whenever you want to use the locked system you will be prompted to enter the PIN Code in the request dialog box. Using **Arrow** (▲/▼) buttons and press **OK** button to select a lock status.

- **System Lock:** Select Lock or Unlock by using the **Arrow** (◀/▶) button. If Lock is selected, the front key function will be blocked.
- **Menu Lock:** Select Lock or Unlock by using the **Arrow** (◀/▶) button submenu Lock control will be available with **PIN code**.
- **Lock mode:** Select Once or Every time mode by using **Arrow** (◀/▶) button.
- **Once:** Input the pin code once on the channel change with Parental Lock.
- **Every time:** Input the pin code every time on the channel change with Parental Lock  
Save the changes with **OK** button Press the **Blue (SAT)** button to move PIG screen



### Parental Lock >> Change PIN Code

#### Change PIN Code

You can create a new PIN code in this menu. "0000" is the default password.

- 1 Select **Change PIN Code** using the **Arrow** (▲/▼) buttons on the **Parental Lock, System Lock, Menu Lock** and press the **OK** button.
- 2 Enter the old PIN code.
- 3 Enter the new PIN code.
- 4 Enter the new PIN code again to confirm.



#### Note

- Please keep in mind that the PIN code must be a four-digit number. In case you forgot your PIN code, contact your local dealer.

## Game

This product provides lots of games for your entertaining environment.

Select Game using the **Arrow** (◀/▶) buttons on the main menu.

- 1 Select a game using the **Arrow** (▲/▼) buttons on the Game menu and press the **OK** button.
- 2 According to the instruction displayed on screen, you can enjoy games using the **Arrow**, **Numeric (0~9)**, and **OK** buttons.

## Multimedia

You can access to the multimedia function with USB.

- Whenever you connect or disconnect USB jack in the STB, You must keep the STB in Stand by mode.

You can just use power button with RCU and front panel power key.

Please don't switch off the main plug and on/off switch on the rear panel.

### **Multimedia >> USB**

Connect USB stick or External HDD through USB connector.



# Recording Programs

## Connecting an External Hard Disk Drive

When attaching an external HDD, we recommend using a named brand HDD to ensure there is support and connection is reliable.

To connect the HDD to the receiver, plug the power plug into a power socket (if you are using a 2.5" HDD then you will not need to do this, the receiver will send the required power to the HDD), plug the USB cable directly into the back of the receiver.

You should then see a box appear on the screen that says "Media is Connected". Please allow up to 2 minutes for the connection to be established.

If you do not get this message within a few minutes refer to the Troubleshooting guide on page 26.

## Hard Disk Drive Type

With the Vantage you can use a USB Hard Disk Drive which is either externally powered or powered by the receiver itself.

## Formatting your Hard Disk Drive

When formatting a HDD for use with the Vantage ensure that is formatted as FAT32; FAT32 and NTFS is currently not supported by the Vantage.

Windows XP and Windows Vista do not allow formatting of FAT32 on devices larger than 32gb, so to achieve this a third party programme will need to be used.

## Quick Record

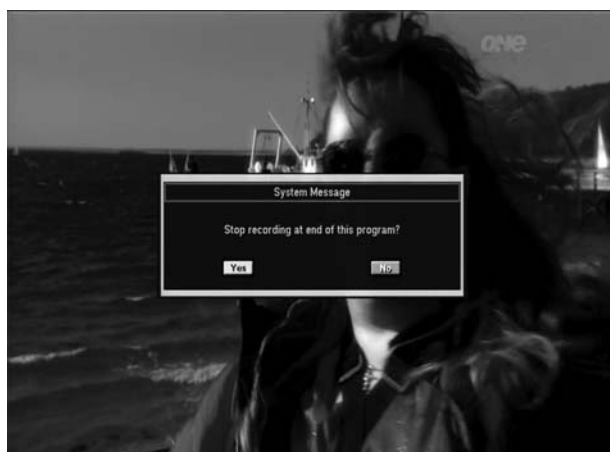
For simple recording press **Record** ( ● ) button.

The receiver will ask if you would like the recording to finish at the end of the programme.

If "Yes" is chosen the receiver will record for the duration remaining in the current programme.

If "No" is chosen the receiver will continue to record until the HDD is full or the recording time limit has been reached.

To stop a current recording press the **Stop** button the receiver will ask you for a confirmation on which recording to stop.



## Recording from EPG

You can schedule recordings from the EPG.

Simply highlight the programme you wish to record and press the “Green” button, this will add the programme to the “Reservation Settings”.

This will automatically set the record duration and also the filename correctly. You can also change the settings for that particular record to record everyday or even on certain days of a week.



## Recording with Parental Lock

If you have parental lock enabled, any recordings made will also include the parental lock.

## Catch Play

Catch Play is used when one starts a recording and wishes to watch it while the recording continues.

To activate Catch Play:

- 1) Simply start the recording using the ( ● ) button.
- 2) Press the “Media” Button on the remote. Once the Media window has opened up go to Recording => Then find the last recording in the list (This is the current Recording) and press OK.
- 3) The video will start and the receiver will continue to record, you now have the ability to pause, fastforward or rewind at your leisure.



## Reservation/Timer Setting

Refer to page 13.

## Editing

The HD6000T/NZ provides the ability to edit your recordings. You have the option to add bookmarks and cut segments of a recording made by the receiver.

Editing features can be accessed from the Vantage Player:

- 1) Press the "Media" button and select the recording you want to edit.
- 2) Press the **Zoom (Q)** button, you will not see a small list of options appear on the top right side of the screen.
- 3) To place a bookmark press the appropriate key wherever you would like to place a bookmark.
- 4) To cut a segment of the file press the appropriate key to start cutting, then press it again to end the cutting. Please allow a few minutes for this as the Vantage needs to rebuild the indexes and file.



## Playback Options

The Vantage offers numerous options when it comes to playback of recorded files.

**Fast Forward:** You can use the Fast Forward button on the remote to fast forward at 2x, 4x, 8x, 16x or 32x.

**Rewind:** You can use the Rewind button on the remote to rewind at 2x, 4x, 8x or 16x.

**Time Skip:** To use this function, simply press the number on the remote to skip the corresponding amount of time. Eg The 1 key will skip 1 minute, the 9 key will skip 9 minutes. This is great to skip an ad break.

**Bookmarking:** You can add bookmarks to a recording which will allow you to easily jump to the sections that you want to watch. Refer to the above editing section on how to do this.



## SW Manager

You can download the software of your receiver through satellite when the new software is available for your system. During download, don't turn off your receiver. In case of the power is turned off, turned on your receiver again to complete the download.

- 1 Select **Software manager** using the **Arrow (▲/▼)** buttons on the **Installation** menu and press the **OK** button.
  - **Program Upload:** Copies all the data from Master STB to Slave STB.
  - **Channel Data Upload:** Copies only the channel data from master STB to Slave STB. Connects both Master and Slave STB using RS232C Cable and then press the **OK** button on the **Software Upload** menu for the Master STB.
  - **USB Explore (Optional):** Select a Software file by using the **Arrow (▲/▼)** or **Page (+/-)** buttons and press **RED (MoSAic)** button for software downloading.
  - **OTA Update (Optional):** Main S/W or Channel Date can be updated over the air.



# Troubleshooting

Problem	Solution
No display LED on the front panel. No power supply	Plug the power cord correctly.
No picture.	Ensure that the STB is switched on. Check the connection status. Check channels and Video output status.
Poor picture quality.	Check the signal level If this is too low, try adjusting the alignment of your antenna.
No sound.	Check the volume level of the TV and STB Check the mute status of the TV and STB Check the connection of audio cable.
Remote Control does not operate.	Point remote control directly towards your receiver. Check and replace batteries. Check if anything blocks the front panel.
HDD not connecting.	Ensure HDD is formatted to FAT32. Ensure HDD is plugged in correctly.
You have forgotten your PIN code.	See chapter 5, "Parental Lock" in this User's manual.

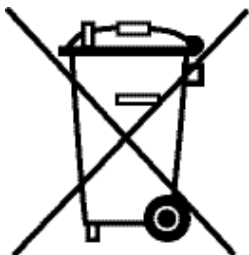
<b>TUNER &amp; CHANNEL</b>		
<b>Terrestrial(DVB-T)</b>	Input Frequency(Europe)	VHF : 174~230MHz UHF : 470-860MHz
	Channel Bandwidth	7MHz(for VHF), 8MHz (for UHF)
	Input connector	IEC 169-2, Female (RF IN).
	Demodulation	COFDM 2K/8K-Carrier
	FEC Mode rate	1/2,2/3,3/4,5/6,7/8
	Guard Interval Modes	1/32, 1/16,1/8,1/4 active symbol duration
<b>Switching Mode Power Supply</b>		
<b>Terrestrial</b>	Input Voltage	AC100-250V~,50/60Hz
	Power Consumption	MAX.35W (Standby: Less than 3W)

<b>MPEG TS A/V Decoding</b>	
Transport Stream	MPEG-2 ISO/IEC 1318-1
Profile Level	MPEG-2 MP@ML MPEG-2 MP@HL, MPEG-4 AVC/H.264 HP@L4
Aspect Ratio	4:3, 16:9, Letter Box
Video Resolution	1080i, 720p, 576p
Audio Decoding	MPEG-1, Musicam Layers 1 & 2
Audio Mode	Single channel/Dual channel/Joint Stereo/Stereo
Sampling Rate	32,44,1& 48KHz

<b>System Resources</b>	
Main Processor	ST40 CPU core: 266MHz(STi7101)
Flash Memory	8 Mbyte (Optional Expand)
Video DDR SDRAM	64 Mbyte (Optional Expand)
System DDR SDRAM	64 Mbyte (Optional Expand)
EEPROM	8Kbyte
<b>A/V &amp; Interfaces</b>	
Digital output(HD)	HDMI(TMDS main video output) YPbPr
Digital Audio output	Digital AC-3 Decoding output Digital Audio Bitstream output(S/PDIF)
S-Video	Video : S-Video output
RS-232C	Transfer rate 115.2Kbps, 9 pin D-sub type
PVR Ready	USB2.0 High speed host controller
<b>Front panel</b>	
Display	Dot-Matrix VFD (Vacuum Fluorescent Display)
Keys	7Keys
<b>Accessories</b>	
RCU	IR( Freq. : 38Khz), Battery : 2x1.5V AAA
HDMI Cable	1.5M
Manual	
<b>Physical Specification</b>	
Size (W x H x D)	300 x 63 x 220
Net Weight	1.4kg
Operation Temperature	0~50 C
Storage Temperature	-10~+60 C



## Correct Disposal of This Product (Waste Electrical & Electronic Equipment)



(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, Please separate this from other types of wastes and recycled it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they 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 should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.