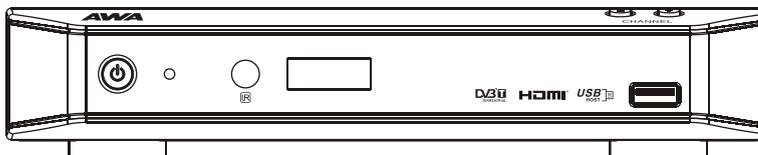# AWA

User Manual

High Definition Digital Set Top Box

DH2338

Please read this User Manual carefully to ensure proper use of this product and keep this manual for future reference.

Important Safety Instructions

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with dry cloth.

7) Do not block any ventilation openings, install in accordance with the instructions.

8) Do not install near any heat sources such as radiations, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protected the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use attachments/accessories specified by the manufacturer.

12) Unplug this apparatus during lighting storms or when unused for long periods of time.

13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

14) Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.

15) The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains, etc.

16) No naked flame sources, such as lighted candles, should be placed on the apparatus.

17) Attention should be drawn to the environmental aspects of battery disposal.

18) The use of apparatus in moderate climate.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

WARNING: The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION
RISK OF ELECTRIC SHOCK!
DO NOT OPEN!
ATTENTION
RISQUE DE CHOC ELECTRIQUE!
NE PAS OUVRIR!

The symbol indicates that dangerous voltages constituting a risk of electric shock are present within this unit.

The symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.
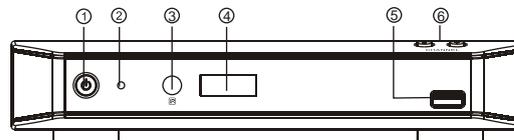
This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.

Table of Contents

Front and Rear Panel

1. Front panel

① **STANDBY**: Used to switch the set top box to on or standby.
② **STANDBY INDICATOR:** Used to visually show power state of the set top box, the LED will turn red if the set top box enter standby mode.
③ **REMOTE CONTROL SENSOR:** Used to receive the signal from the remote control.
④ **LED DISPLAY WINDOW:** Used to display channel number.
⑤ **USB:** Data input from USB storage devices.
⑥ **CHANNEL UP/DOWN:** Used to change channels without using the remote control.

2. Rear panel
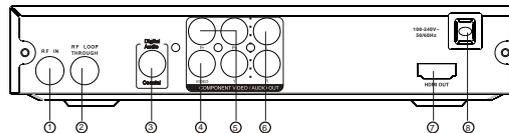
① **RF IN :** This socket connects to your external Aerial.
② **RF LOOP THROUGH:** This socket will bypass the RF signal to either your TV or another video system.
③ **COAXIAL:** This socket connects to a Coaxial cable on your surround sound system.
④ **VIDEO:** This socket outputs composite video signal.
⑤ **COMPONENT VIDEO OUT:** These sockets connect to your TV component input terminals.
⑥ **AUDIO L/R:** This socket outputs Analog Audio L/R signal.
⑦ **HDMI :** High definition audio and video output used to connect to a HDMI device
⑧ **MAINS CABLE:** This is used to connect to your main power supply.

1

Remote Control

**1. MUTE:** Mute or Restore Audio Output.
2. INFO: Displays additional channel information.
3. TTX: Displays Teletext Information.
4. SUBTITLE: Selects Subtitles Language.
5. EXIT: Exits the current Menu or returns to the previous Menu.
6. OK: Confirms an entry or selection. Displays the list of channels.
7. RIGHT / LEFT: Navigates through the Menus. Increases or decreases volume.
8. TV/RADIO: Switches from TV function to Radio function and from Radio to TV.
9. RECALL: Used to switch between the last two viewed channels.
10. GOTO: Selects the play time of media.
11. PREV: Skips to the previous track during playing media and skips to the previous channel during playing DTV.
12. NEXT: Skips to the next track during playing. media and skips to the next channel during playing DTV.
13. REPEAT: Selects Repeat or turn off Repeat mode.
14. STOP: Stops media play.
15. STANDBY: Switch the product to on or standby.
16. EPG: (Electronic Program Guide)Turns the program guide on.
17. AUDIO: Selects an Audio Language or Audio Mode.
18. UP / DOWN: Navigates through the Menus. Selects the next or previous Channel.
19. MENU: Turns on Main Menu.
20. FAVOURITE: Turns on Favourite Menu.
21. 0-9 (Numeric Buttons): Selects a channel or setting .
22. FWD: Searches forwards during media play.
23. REV: Searches backwards during media play.
24. PLAY: Starts or resumes media play.
25. PAUSE: Pauses media play.
26. COLOUR BUTTONS: Operate different function in TEXT screen.
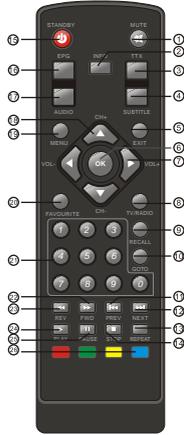
Installing the Batteries

Remove the battery cover from the Remote Control and put 2xAAA size batteries inside the compartment.
The diagram inside the Battery Compartment shows the correct way to install the batteries.

1.Open the cover	2.Install batteries	3.Close the cover
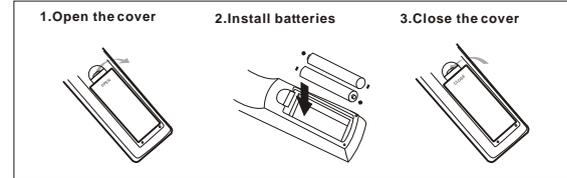
Using the Remote Control

To use the Remote Control, point it towards the front of the Digital Set Top Box.
The Remote Control has a range of up to 7 metres from the Set Top Box at an angle of up to 60 degrees.
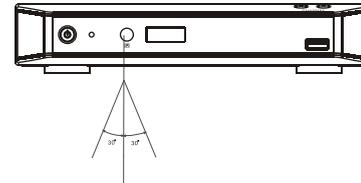
The Remote Control will not operate if its path is blocked.

Sunlight or very bright light will decrease the sensitivity of the Remote Control.

Connecting to a Television

For a basic connection from your Set Top Box to the television,
use the Composite connection outlined below.
For a higher quality connection, use the Component Video
connection outlined below combined with the Composite Audio.
For the highest quality connection use a direct HDMI connection, see below.

TV Aerial

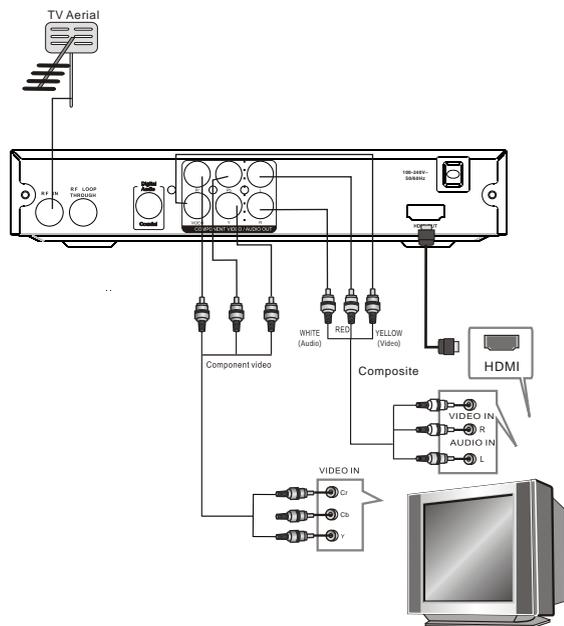RF IN RF LOOP THROUGH Digital Audio Coaxial COMPONENT VIDEO / AUDIO OUT 100-240V~ 50/60Hz

HDMI OUTPUT

Component video

WHITE (Audio) RED YELLOW (Video)

Composite

HDMI

VIDEO IN
R
AUDIO IN
L

VIDEO IN
Cr
Cb
Y

Connecting to a DVD Recorder or VCR

TV Aerial

RF IN RF LOOP THROUGH Digital Audio Coaxial VIDEO COMPONENT VIDEO / AUDIO OUT 100-240V~ 50/60Hz

HDMI OUT

AUDIO/VIDEO OUT

ALLOWS THE RECORDER TO
RECORD DIFFERENT CHANNELS

ENABLES THE RECORDER TO
RECORD THE DIGITAL CHANNEL YOU
ARE WATCHING

RF IN

DVD RECORDER
OR VCR

VCR

R
L
VIDEO
AUDIO/VIDEO OUT

AUDIO/VIDEO IN
R
L
VIDEO

AUDIO/VIDEO IN
R
L
VIDEO
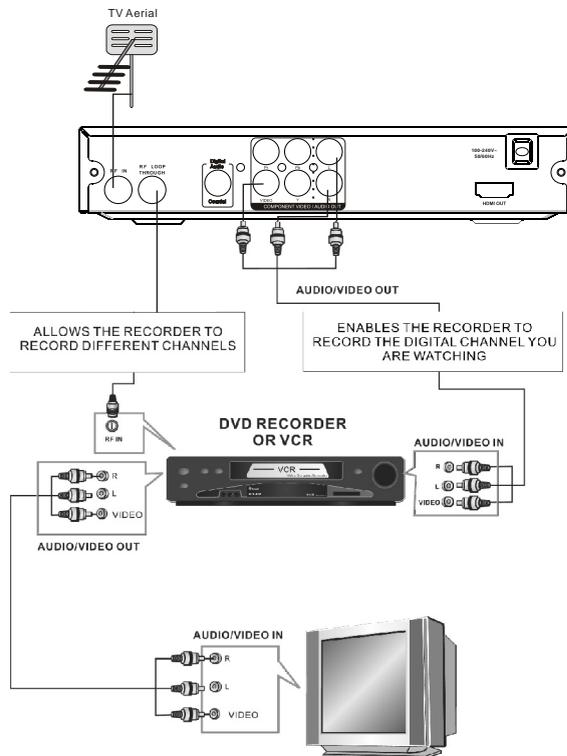
Connecting to an Audio System

Coaxial cable

Coaxial

Amplifier

WHITE   RED

AUDIO IN
R
L
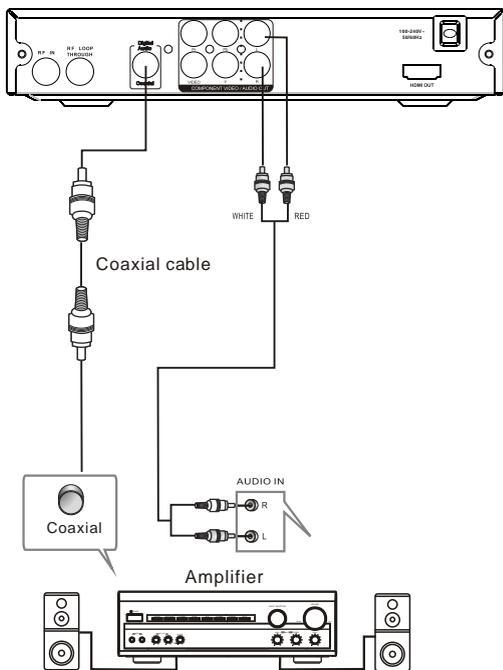
First Time Installation

After all connections have been made properly, switch on TV and make sure the receiver is connected to the Main Power. Press Power button to switch receiver on. If you are using the receiver for the first time or restored to Factory Default, the Main Menu will appear on your TV screen.

Installation Guide

OSD Language   ◄ English ►
Country   Australia
Channel Search

EXIT   Confirm

(1) Select [OSD Language] and press RIGHT/LEFT key to select an language
(2) Select [Country] and press RIGHT/LEFT key to select your country of residence
(3) Select [Channel Search] and press RIGHT or OK key to begin Automatic channel search
(4) Once channel tuning is complete, you are now ready to watch TV

Basic Operation

(1) Program Manage Settings

To access the Menu, press the MENU button and select [Program]. The Menu provides options to adjust the Program Manage Settings. Select an option and press OK or RIGHT to adjust that setting. Press the EXIT button to exit the Menu.

Program

Programme Edit
EPG
Sort   By LCN
LCN   On

Return   Confirm

4

(2) Program Edit

To edit your program preferences (lock, skip, favourite, move or delete), you will need to enter the Program Edit Menu. This Menu requires a password to access. Enter the default password '000000'.

Set Favourite Program

You can create a shortlist of favourite programs that you can easily access. Set Favourite TV or Radio program:
1. Select the preferred program then press the FAVOURITE button. A heart-shaped symbol will appear and the program is marked as a favourite.
2. Repeat the previous step to select more Favourite programs.
3. To confirm and exit the Menu, press the EXIT key
   Disable favourite TV or Radio Program:
   Press the FAVOURITE button on the Remote Control with the heart-shaped symbol.

View Favourite Program

1. Press the Favourite button and the Favourite Menu will appear.
2. Press UP/DOWN to select your Favourite Programs.
3. Press OK to select your favourite program.

Delete a TV or Radio Program

1. Select the Program and then press the BLUE button
   A message will appear. Press OK to delete the program
2. Repeat the previous step to select more programs to delete.

Skip TV or Radio Program

1. Select the program you would like to skip and press the GREEN button.
   A skip symbol is displayed. The program is marked as a skip.
2. Repeat the previous step to select more programs.
3. To confirm and exit the menu, press EXIT key.
   Disable a skip TV or Radio program:
   Press the GREEN button on the skip program with the skip symbol.

Move a TV or Radio Program

1. Select the preferred program then press the RED button. A move symbol will appear
2. Press UP/DOWN to move the program
3. Press OK to confirm
4. Repeat the above steps to move more channels

Lock Program

You can lock selected programs for restricted view.
Lock a TV or Radio Program:
1. Select the preferred program then press the YELLOW button. A lock-shaped symbol is displayed. The program is now marked as locked
2. Repeat the previous step to select more programs
3. To confirm and exit the menu, press the EXIT button
4. Press the YELLOW button to disable the locked program
5. To view the locked program, you will be require to enter either the default password '000000' or your last set password.

(3) EPG (Electronic program guide)

The EPG is an on-screen TV guide that shows scheduled programs seven days in advance for every tuned channel. Press the EPG button on the Remote Control to access guide.

You can use the UP/DOWN key to select the preferred program. If there is more than one page of information, use the BLUE button for page up and the YELLOW button for page down.

(4) Sort

Sort your channels from the following options:
[LCN] - Sort the channels in ascending order
[Name] - Sort the channels in alphabetical order
[Service ID] - Sort the channels according to the station

(5) LCN (Logical channel number)
Set LCN on or off.

(6) Video Setting
To access the Menu, press MENU then select [Picture]. The Menu
provides options to adjust the video settings. Press UP/DOWN to select an
option and press RIGHT/LEFT to adjust that setting. Press EXIT to exit the
menu.

Picture

Aspect Ratio	16:9 Wide Screen
Resolution	1080I
TV Format	PAL

Return   Confirm

(1). Aspect Ratio
You must set the display format to either 4:3 PanScan, 4:3 Letter Box, 16:9
Full Screen or Auto to get the maximum display when watching TV.
(2). Resolution
If the video does not appear correctly, change the setting. This setting is
to
match the most common setting for HDMI.
[480i]: for NTSC system TV.
[480P]: for NTSC system TV.
[576i] for PAL system TV.
[576P]: for PAL system TV.
[720P]: for NTSC or PAL system TV.
[1080I]: for NTSC or PAL system TV.
(3). TV format
If the video does not appear correctly, you need to change the settings.
This should match the most common setting for TVs in your country.
[NTSC]: for NTSC system TV.
[PAL]: for PAL system TV.

(7) Channel Search
To access the menu, press MENU and select [Search Channel]. The Menu
provides options to adjust the Search Channel settings.
Select an option and press RIGHT/LEFT to adjust the settings.
Press EXIT to exit the Menu

Channel Search

Auto Search	
Manual Search	
Country	Australia
Antenna Power	Off

Return   Confirm

1 . Auto Search
Search and install all channels automatically. This option overwrites all
preset channels.
1. Select [Auto Search] and press OK or RIGHT to start channel search.
2. To cancel channel search, press EXIT.

Channel Search

498.0MHz/8MHz

DTV:004   Radio: 003

001 TVE1	001 RNE1
002 La 2	002 RNEC
003 24H TVE	003 RNE3
004 CLAN TVE	

Progress

EXIT   Skip

2. Manual Search
Install new channels manually. This option adds new channels without
changing the current channels list.
1. Select [Manual Search] then press OK or RIGHT. The channel search
screen will appear.

Manual Search

Frequency channel	◄ 10 ►
Frequency(MHz)	212.5
Bandwidth:	7M
Quality	

EXIT   Confirm
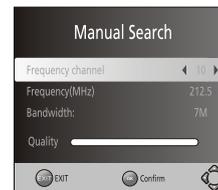
2. Press the RIGHT/LEFT key to select the channel frequency

3. Press OK to start searching channels

If a channel is found, it is saved and added to the channels list. If channels can't be found, then exit the menu.

(3) Country

Select your country of residence.

(4) Antenna power

Enable Antenna Power if an external active antenna is connected.

(8) Time Setting

To access the Menu, press MENU then select [Time]. The Menu provides options to adjust the time settings.

Press UP/DOWN to select an option and press RIGHT/LEFT to adjust the settings. Press EXIT to exit the menu.

(1) Time offset

Select auto or manual for GMT offset adjustments.

(2) Country Region

Select the Country Region when [Time Offset] is set to Auto.

(3) Time Zone

Select the Time Zone Offset when [Time Offset] is set to Manual.

(9) Option

To access the Menu, press MENU and select [Option]. The menu provides options to adjust the OSD Language, Subtitle Language and Audio Language.

Select an option and press RIGHT/LEFT to adjust the setting.

Press EXIT to exit the Menu

(1). OSD Language

Select an OSD language

(2). Audio Language

Select the preferred audio language for watching TV channels.

If the language is not available, the default program language will be used.

(3). Subtitle Language

Select the preferred subtitle language.

(10) System Setting

To access the Menu, press MENU and select [System]. The menu provides options to adjust the system settings.

Press the UP/DOWN key to select an option and press RIGHT/LEFT to adjust the setting.

Press EXIT to exit the Menu .

(1) Parental Guidance

You can restrict access to channels that are unsuitable for children. To restrict/lock the channel you will need to enter either the default password '000000' or your own password.

(2) Set Password

Set or change the password for locked programs. Enter your old password or the default password '000000'. You will then be asked to enter your new password. To confirm re-enter your new password. Once it is confirmed, press EXIT to exit the Menu.

(3) Restore Factory Default
Reset your Set Top Box to the Default Factory Settings.
In Main Menu select [Restore Factory Default] and press OK or RIGHT to select. Enter your password or the default password '000000' and press OK to confirm. This option will delete all preset channels and settings.

(4) Information
View model, hardware and software information.

(5) Software update
If the status is set ''ON'', it will begin searching for new software from broadcast according to your preferred time in ''Start Time''.

(11)USB
To access the Menu, press the Menu button and select USB.

Multi-Media
Switch to USB mode and plug in USB to view files.

Problem	Potential Reasons	What to do
No picture	Power isn't connected	Connect the power
	The power switch is not on	Switch on the power
Screen shows "No Signal"	DVB-T cable not connected	Plug in the DVB-T cable
	Incorrect setting	Reset setting
No sound from speaker	No or incorrect connection with audio cable	Connect the audio cable correctly
	Sound on mute	Turn off mute function
	Incorrect sound track	Try another soundtrack
Only sound, no image on the screen	No or incorrect connection with AV cable	Make sure cables are connected correctly
	The program is a radio program	Press <TV/RADIO> key to shift into TV mode
Remote Control is not responding	The battery is exhausted	Change battery
	Remote Control is not facing or close enough to the Set Top Box	Adjust the position of the Remote Control and move closer to the unit
The image stopped suddenly or mosaic	The signal is too weak	Strengthen the signal

Technical Specifications

Item	Sub Item	Parameter
Tuner	Input Frequency	170~230MHz 470~860MHz
	RF Input level	-25~-82dBm
	IF Bandwidth	7MHz and 8MHz
	Modulation	QPSK,16QAM,64QAM
Video	Decoder Format	MPEG4 AVC/H.264 HP@L4 MPEG2 MP@ML.HL
	Output Format	576P , 720P, 1080i, 4:3 and 16:9
	Output Port	HDMI
Audio	Decoder Format	MPEG-1 (layer1&2)
	Audio output	Digital audio: S/PDIF
Power	Voltage	100-240V~ 50/60Hz
	Power	Max 8W