

AKAI
Makes Sense



AD187X
INSTRUCTION MANUAL



Thank you for purchasing the Akai AD187X Digital Set top box. Before operating your new Digital Set top box please carefully read the instruction manual. If at any time during the life of your product you encounter difficulties please contact Akai support on 1300 300 364 or email support@akai.com.au.

Contents

Safety Warnings	4
Packaging Contents	5
Before you Start	6
AD187X Overview	7
The Remote Control	8
Start up Guide	9
Menu	10
Menu - Program	11
Menu – Picture settings	13
Menu – Channel Search	14
Menu – Time settings	15
Menu – Option	16
Menu – System	17
Menu – USB	18
Multimedia Player	19
Tuning your AD187X	20
Recording Live TV	21
How to Format a USB storage device	22
Trouble Shooting	23

Safety Warnings



To reduce the risk of fire or electric shock, do not expose this product to water, rain or moisture. To prevent the risk of electric shock, do not remove the cover or back of this product. In case of product failure please contact your local Akai support center on 1300 300 364

- Before operating your AD187X please carefully read the instruction manual.
- This product is not intended to be used by young children unless adequately supervised by a responsible adult.
- This product is intended for house hold use only. Commercial or industrial use will void the warranty.
- This product contains high voltage and should only be serviced by an authorized Akai service center.
- Only power your AD187X from a power source that corresponds with the rating label on the back of the unit. If you are unsure please call your local power company.
- If your AD187X becomes damaged please seek advise from you local Akai service center by calling 1300 300 364.
- Turn off your AD187X before storing or attempting to clean it.
- Do not expose your AD187X to wet or humid environments
- Do not expose your AD187X to heat sources such as heaters or radiators.
- Do not expose your AD187X to naked flames such as candles
- Do not cover the ventilation slots.
- Only clean your AD187X with a damp cotton cloth. Do not use cleaning agents or solvents.
- Do not attempt to service your AD187X, there are no user serviceable parts contained inside. Please refer all servicing to a qualified Akai service agent.

Package Contents

Before installing your new AD187X please ensure that you have received all the following items:

- AD187X
- Remote Control
- RCA Composite cable
- User Manual

Before you Start

Before you install your new AD187X please note that many older style antennas are unsuitable to receive digital television. To ensure the best results you must have a digital UHF antenna that has been correctly tuned.

The Australian government has released an easy to understand guide explaining the proper installation of an antenna. Please visit http://www.acma.gov.au/webwr/_assets/main/lib101071/digitaltv.pdf for details

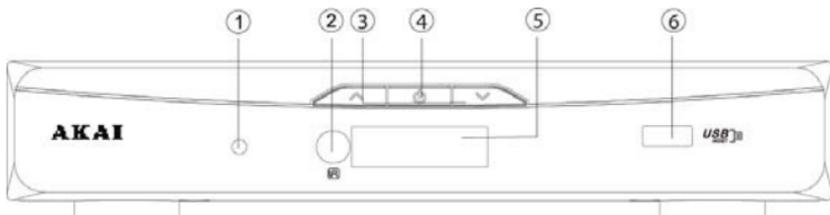
If you are not receiving a signal, receiving a weak signal or are receiving a bad or pixilated picture please call you local TV antenna/ service technician before returning the AD187X.

Before connecting a USB storage device to your AD187X you will need to format it with a FAT32 filing system. There are two ways you can do this the first is with the AD187X the second is using your home computer. Please note that formatting a storage device will erase all data from it.

If you are unsure or have any technical enquiries regarding the AD187X please call out friendly Australian support staff on 1300 300 364

AD187X Overview

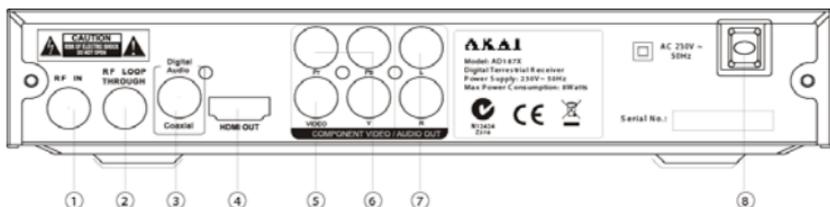
Front Panel



1. STANDBY INDICATOR
2. IR RECEIVER

3. CH+ & CH-
4. Power ON/OFF
5. DISPLAY SCREEN
6. USB SOCKET

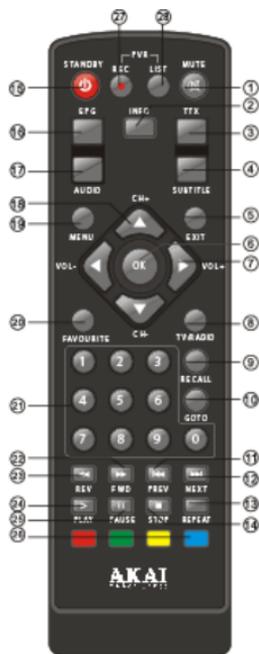
Rear panel



1. RF In: Connect your external antenna to this socket to receive digital broadcasts.
2. RF Loop Through: You can connect a second receiving device to the AD187X via this connector such as a TV you still wish to receive an analogue signal through coaxial.
3. Coaxial digital output: Use this connection if you have a compatible digital decoder.
4. HDMI: Connect a HDMI cable from your AD187X to your TV to receive high definition sound and video
5. Composite video: use this connector if you are using a standard AV connection.
6. y Pb Pr, Video and R, L: Component inputs for a high quality analogue connection to your TV.
7. Audio Left and Right
8. Power Cable

The 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.
28. REC: Used to record the program.
29. LIST : Used to show the record program list on the current disk.



Start up guide

Before you set up your new AD187X please position it on a flat stable surface within reach of your TV and an antenna connection. To connect your AD187X please follow the below instructions:

1. Connect your AD187X to an antenna. For the best possible reception it is recommended that you use an external antenna.
2. Connect your AD187X to your TV. You have two three options to do this. You can use HDMI for the best possible connection, component if your TV supports it, or composite. When connecting your AD187X with component or composite please ensure that you match the coloured ends on both the AD187X and your TV.
3. Plug the AD187X into power and turn it on.
4. Insert two AAA batteries into the remote.
5. Change the input on your TV to the corresponding input you used in step 2.
e.g. AV2 or HDMI
6. The first time you start the AD187X you will be presented with an installation guide.
7. Using the arrow keys on the remote select your preferred language, country then select channel search. Your AD187X will take about ten minutes to scan for all available stations. **Do not turn off the AD187X in this time.**



Menu

The main menu on you AD187X gives you the power to quickly switch between several key features. To access the main menu press the Menu button on the remote. You will be offered the following categories (Right to Left):

Program: The program menu allows you to make changes to the channel order, access the EPG and set restrictions for channels.

Picture settings: The picture option allows you to change the resolution, slide mode and aspect ratio.

Channel search: Use the options in this submenu to search for channels.

Time settings: Set the time date and region

Language options: Select the on screen display (OSD) languages.

System Settings: Set passwords and view system details

USB: Play music, movies and pictures stored on your USB storage device as well as access playback settings and recorded content.

Menu- Program

The program menu allows you to make changes to the channel order, access the EPG and set restrictions for channels. Below you will find a guide on how to use each of the program sub categories.

Program Edit

When you first enter the program edit menu you will be asked to enter a password. The default password is "000000" From the program edit menu you can perform the following functions:



Set favourite channels: Compile a list of your favourite channels by highlighting a channel and pressing the favourite button on the remote. To remove a channel from the favourites list highlight the channel and press the favourite button again.

Delete a TV or Radio program: Select the program you wish to delete and press the blue button. You will be presented with a warning message, select OK to continue.

Skip a TV or radio station: Select the channel you wish to skip and press the green button. To cancel a skipped channel select the channel and press the green button.

Move a TV or radio channel: highlight the channel you wish to move then press the red button. Use the up and down arrow keys on the remote to move the channel.

Lock a program: You can select a program for restricted viewing by selecting the channel you wish to restrict and press the yellow button. To unlock a channel select the channel you wish to unlock and press the yellow button.

Menu- Program

EPG (Electronic Program Guide)

The EPG allows you to view scheduled programs up to 7 days in advance as well as schedule recordings and viewing program information. You can also access the EPG from the EPG button on the remote. Below is a list of the functions that can be carried out while in EPG mode.

To view information about a selected program use the right and left arrow keys to move between the different channels and the up and down keys to move between the scheduled programs. Use the Blue and yellow buttons on the remote to scroll up and down program information on the right hand side of the screen.

From the EPG you can also schedule a recording by selecting the program you wish to record and pressing the OK button on the remote. While recording you can only use the volume and stop keys on the remote.

SORT

The sort function allows you to select how you wish to sort all available channels. You have four choices:

- Sort by LCN: Channels will be sorted in ascending order
- Sort by service name: Channels will be sorted in alphabetical order.
- Sort by service ID: Channels will be sorted by the station ID
- Sort by ONID: Channels are sorted by ONID order.

LCN (Logical Channel Number)

Sets LCN on or off when auto search is used next.

Menu- Picture Settings

The picture settings menu allows you to set the resolution you wish to use the set top box at, set the aspect ratio and the TV mode you are using. Below is a description on each of the picture settings:

Resolution

Set the resolution you wish to view TV in. Be sure that you consult your TV's manual before making any changes. You can select from the below resolutions;

480 for TVs using NTSC

576 for TVs using PAL (All CRT TVs in Australia use this format)

720 for LCD and plasma TVs that do not support 1080i

1080 for LCD and plasma TVs that support high definition.

TV format

Select the type of TV signal you are receiving. For Australia this should always be set to PAL.

Menu- Channel Search

The channel search menu option allows you to automatically or manually search for available channels and select country preferences. Below is a detailed description on how to use each of the options in the channel search menu:

Auto Search

By selecting the auto search function the AD187X will automatically search for all available digital channels in your area and assigning them a channel number.

Manual search

The manual search option gives you the ability to rescan a channel or reassign a channel with a different TV station. Use the up and down buttons on the remote to select the option you wish to change then use the right and left buttons to change the value. Press the exit button to save changes and exit.

Country

Select the country you are currently in by using the left and right buttons on the remote.

Antenna power

Select this option if you are using an active antenna. Most antennas in Australia are passive.

Menu- Time Settings

The time settings allow you to adjust the time offset (daylight savings) the country and region for time settings, sleep time and power on and off times. Below is a description of each feature:

Time offset

Setting the time offset to automatic will allow the AD187X to automatically switch between daylight savings times. Setting time offset to off will allow you to automatically adjust the time offset.

Country region

When time offset is set to on adjust your region settings here using the left and right arrow keys.

Time zone

When time offset is set to off use this setting to adjust the time offset using the left and right arrow keys.

Sleep

Using the left and right arrow keys on the remote adjust the amount of time the TV can be left on before it automatically turns off.

Menu- Option

The option sub menu allows you to change the language settings for the on screen display, subtitles and preferred audio language. To change any of these settings simply select the option you wish to change using the up and down keys on the remote then use the right and left keys to make changes to the language.

Menu- System

The system menu allows you to set parental guidance, password protect your device and reset the AD187X to factory defaults. The following will guide you on setting up your system options:

Parental Guidance

Select parental guidance by highlighting it and pressing the Ok button on the remote. You will be asked to enter a password the default password is “000000”

Once you have entered the password you can select an age that you would like restrictions to be applied to. For example if your child is 14 years old you can set their age in the AD187X and any programs that are rated 15+ will be blocked by a password. If you wish to watch a program that is rated 15+ or above all you need to do is enter the password when prompted. After you have set the age restriction press the exit button on the remote to save changes and exit.

Set Password

You can change the default password by highlighting Set Password and pressing OK on the remote. You will be asked to enter the old password (default “000000”) then to enter in the new password twice.

Restore Factory Defaults

By selecting this option you will reset all options on the AD187X back to the default settings. You will be asked to enter your password to reset the device.

Information

By selecting information you will be able to see firmware and hardware versions of your AD187X.

Software update

This allows your AD187X to receive software updates automatically. This function is not currently available in Australia.

Menu- USB

The USB menu options gives you access to playback recorded content and set up playback features. The following will guide you through configuring the various settings.

Multimedia

See Multimedia player (Page 19)

Photo Configure

The photo configure menu gives you three options you can adjust:

- Slide time: Use the left and right arrows to adjust the time between slides.
- Slide mode: Select the effect you would like between slides.
- Aspect ratio: Choose to keep the pictures current aspect ratio or to ignore it. Please note that by ignoring the aspect ratio some pictures may become distorted.

Movie Configure

The movie configure allows you to set subtitle properties and movie properties.

- Aspect ratio: You can choose to keep the movies original aspect ratio or discard it. Beware that by discarding the aspect ratio the picture may become distorted.
- Subtitle specific: Change the size of the subtitle text by pressing the left and right arrow keys.
- Subtitle BG: Select the colour of the subtitle background by using the left and right arrows on the remote.
- Subtitle font colour: Select the colour of the subtitle font by pressing the left and right arrow keys on the remote.

PVR Configure

The PVR configure menu allows you to format your mass storage device and to select different storage devices when more than one is connected (not recommended.)

To select your recording device when multiple drives are available select Record device and press OK. Use the up and down arrow keys to select the device you wish to record to then press OK to make the selection.

To format your USB storage device select format from the menu then press OK. Then select the device you wish to format and press OK. You will be asked if you wish to continue, if you wish to format the device press OK otherwise press exit.

Multimedia Player

The multimedia player gives you access to the multimedia features of the AD187X. The multimedia player can be accessed two ways, either by pressing the multimedia button on the remote or under the USB submenu.

The multimedia player gives you four options to choose from:

Music: Select any compatible Music files you wish to play by highlighting the file using the arrow keys on the remote then pressing the OK button.

Pictures: Select any compatible Picture files you wish to play by highlighting the file using the arrow keys on the remote then pressing the OK button.

Movies: Select any compatible Movie files you wish to play by highlighting the file using the arrow keys on the remote then pressing the OK button.

PVR: Select any recorded content you wish to play by highlighting the file using the arrow keys on the remote then pressing the OK button.

Tuning your AD187X

During the life of you AD187X you may find that you need to retune your AD187X. To do this follow the below instructions:

1. Ensure that the AD187X is properly connected to power, your TV and an external antenna. As per start up guide Page 9.
2. Switch on the AD187X and your TV.
3. Once the set top box has finished booting press the menu button on the remote.
4. Use the right arrow key on the remote to highlight channel search (third option across.) Press the OK button to make the selection.
5. Use the down arrow key on the remote to highlight Auto search then press the OK button to make the selection.
6. The AD187X will start to automatically tune all available TV stations and assign them a channel number. This will take approximately 10 minutes.
7. When the AD187X has finished tuning available channels it will revert back to TV mode.

If you feel that the AD187X has missed a channel try repeat the above steps from step 3. If the problem persists please refer to page 6 (Before you start)

Recording Live TV

The most unique feature on your AD187X is its ability to record live TV. There are two ways you can go about this. The first is to simply connect a USB storage device to your AD187X and press the record button on the remote. The second way is to schedule a program to record using the EPG.

To schedule a recording using the EPG follow the below steps:

1. Press the EPG button on the remote.
2. Select the channel you wish to record using the left and right arrow keys on the remote.
3. Highlight the program you wish to record using the up and down buttons on the remote.
4. Press the OK button to make the selection.
5. The schedule window will be displayed with a number of options. You will be able to select from the following options:
 - Repeat: Select how often you want to record the time slot.
 - Mode: Select Record or view.

Once you have made your selections press the OK key to confirm the recording time slot.

If at anytime you wish to delete a Scheduled recording go to the EPG and press the info button to view the list of scheduled events. Use the arrow keys on the remote to highlight the event you wish to delete then press the blue button to delete it.

* Note the record button is underneath the Blue function button

How to format a USB Storage Device

There are two ways that a USB storage device can be formatted so it will work on the AD187X just remember to copy off anything you wish to keep before you format the drive. Formatting will erase everything off the drive.

The first way to format a drive is to use your computer to Format it as a FAT32 drive. To do this you will have to refer to your computers operating system manual.

The second way to format a USB storage device is to use the AD187X. Simply connect the USB storage device to the AD187X through the USB port. Power on the AD187X then follow the below instructions:

1. Press the menu button on the remote.
2. Use the left and right arrow keys on the remote to select USB
3. Use the up and down arrow keys on the remote to select PVR configure.
4. Select format and press the OK on the remote to confirm the selection.
5. Select the USB device you wish to format and press OK.
4. You will be prompted with a message. Read it carefully before proceeding.
5. The AD187X will format your drive. The time this takes depends on the size of the drive so please be patient and do not turn off power to the AD187X in this time.

Trouble Shooting

The following are some common trouble shooting problems. If you are unable to find a solution to your problem or are unsure about any part of this manual please call our friendly support team on 1300 300 364

Fault	Cause	Solution
No Power	Unit not turned on	Ensure the power has been turned on at the wall socket and the unit.
TV picture is pixelated	Antenna is not properly secured or you are in a bad reception area.	Talk to your local TV technician about reception problems in your area and whether a new antenna would benefit you.
TV picture drops out and the AD187X displays no signal	Antenna is not properly secured or you are in a bad reception area.	Talk to your local TV technician about reception problems in your area and whether a new antenna would benefit you.
Remote is not working	Batteries are flat or there is interference.	Try replacing the batteries in the remote and ensure that there is no direct sunlight on the remote or AD187X.
Unit Freezes	Bad reception	This is a rare problem that does happen to all digital receivers. To fix it simply unplug the AD187X from the wall, wait 10 seconds then reconnect it.
Receiving digital TV but missing one or two channels	Antenna is not properly secured or you are in a bad reception area.	Talk to your local TV technician about reception problems in your area and whether a new antenna would benefit you.
TV is showing a black and white picture	Your TV is set to NTS	Refer to your TV's manual and change the signal type from NTS to PAL.
Unit freezes when USB device is inserted.	Faulty USB device. USB device was inserted then the play button was pressed.	Unplug the AD187X from the wall, wait 30 seconds then reconnect it.
TV shows a green picture	Incorrect video format	Press the V-Format button at the bottom of the remote.

If you are unable to find a solution to your problem or are unsure about any part of this manual please call our friendly support team on 1300 300 364