



Android Box
ENJOY TV QUAD CORE BOX
ATV586A
User's Guide



Thank you for purchasing this Geniatech product.
.Before using it, be sure to read the precautions contained in this User's Guide.
.Keep the User's Guide in a safe place for future reference.
.For the most up-to-date information about this product, visit official website at
<http://www.geniatech.com>

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1. Safety Information

Read and understand all instructions before using this product. If damage is caused by failure to follow the instructions, the warranty does not apply.

1.1 Warning

To reduce the risk of electric shock, DO NOT remove the cover (or back).

DO NOT attempt to repair the product, this could lead to the risk of injury, damage to the product .

To reduce the risk of fire or electric shock, keep this product away from exposed direct sunlight, naked flames or heat, large amounts of moisture, dust, and sand.

FCC Note (for U.S.A)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on.

The user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.
- This class B digital product meets all requirements of the Canadian Interference - Causing Equipment Regulations.

1.2 Precautions

Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.

Keep these operating instructions handy for future reference.

1.2.1 Read these instructions.

1.2.2 Keep these instructions.

1.2.3 Heed all warnings.

1.2.4 Follow all instructions.

1.2.5 DO NOT use this apparatus near water.

1.2.6 DO NOT clean with any chemical detergent. Clean only with a dry cloth.

1.2.7 DO NOT block any ventilation openings. Install in accordance with the manufacturer's instructions.

1.2.8 DO NOT install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.

1.2.9 Protect the power cord from being walked on or pinched particularly at plugs,

convenience receptacles, and the point where it exits the apparatus.

1.2.10 Only use attachments/accessories specified by the manufacturer.

1.2.11 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

1.2.12 Unplug this apparatus during lightning storms or when unused for long period of time.

1.2.13 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the 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.

1.3 Handling Cautions

1.3.1 DO NOT expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.

1.3.2 To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.

1.3.3 DO NOT plug multiple electric devices into the same wall socket. Overloading a socket can cause it to overheat, resulting in a fire.

1.3.4 Before connecting other components to this player, be sure to turn them off.

1.3.5 If the product makes an abnormal noise or produces a burning smell or smoke, turn off the power switch immediately and disconnect the power plug from the wall outlet. Then, contact the nearest customer service center for technical assistance. Do not use the product. Using the product as it is may cause a fire or an electric shock.

2. Introduction

2.1 Package Contents

Enjoy TV Quad Core - ATV586A

User's Guide

HDMI Cable

IR Remote Controller (IR RC)

Optional Remote Controller

2.4G wireless Remote Controller

USB wire/wireless Mouse & Keyboard

Power Adapter, Input: AC100 ~ 240V, 50/60Hz, Output: 5V/2A

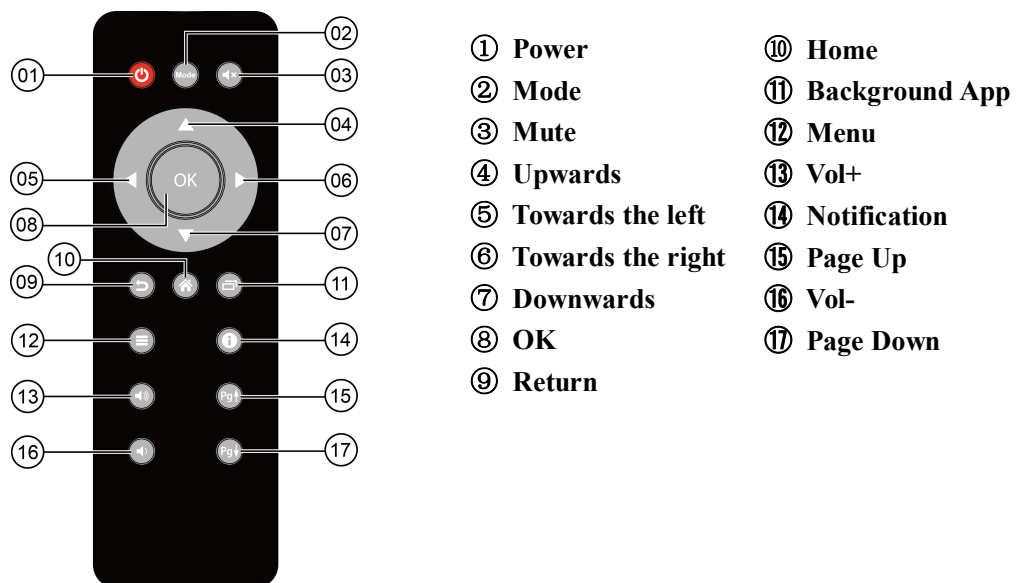
2.2 Product Features

- Quad Core A5, 1.5GHz, RAM 1G , ROM built in 8G EMMC
- Powered by Android 4.4 OS
- Built in 802.11b/g/n WiFi module, wireless Internet access
- 2 USB interface, support mobile HDD, wired/wireless mouse and keyboard operation
- Support 1080P video playback
- HDMI video output, connect to HDTV for HD video playback
- Support weather, calendar, and desktop clock gadgets
- Support 2.4G wireless motion Remote Controller
- Support music player, picture player and more family entertainment
- Support SD card and Google Chrome browser and virtual private network access
- App Installer for application installation from USB/SD card

2.3 Panel Introduction



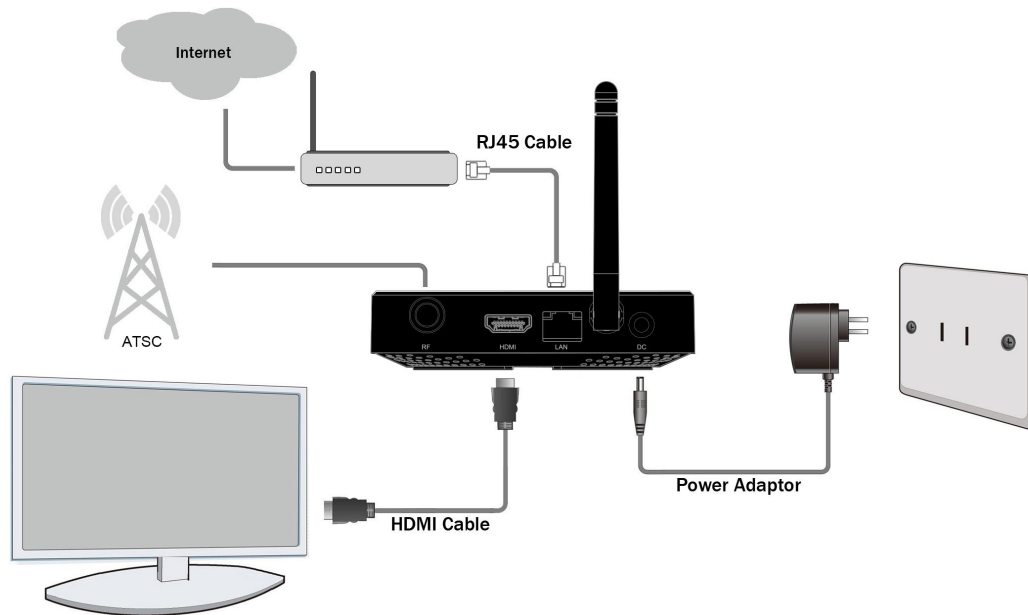
2.4 Remote Controller



Note: Button Battery 2025 3V insert with correct polarity (+/-).

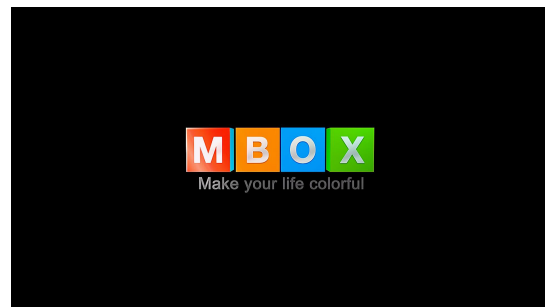
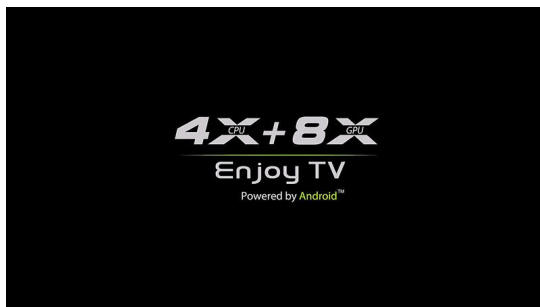
2.5 Setup Connection

Place ATV586A on a flat platform near the TV, and make sure nothing block the remote control signal.

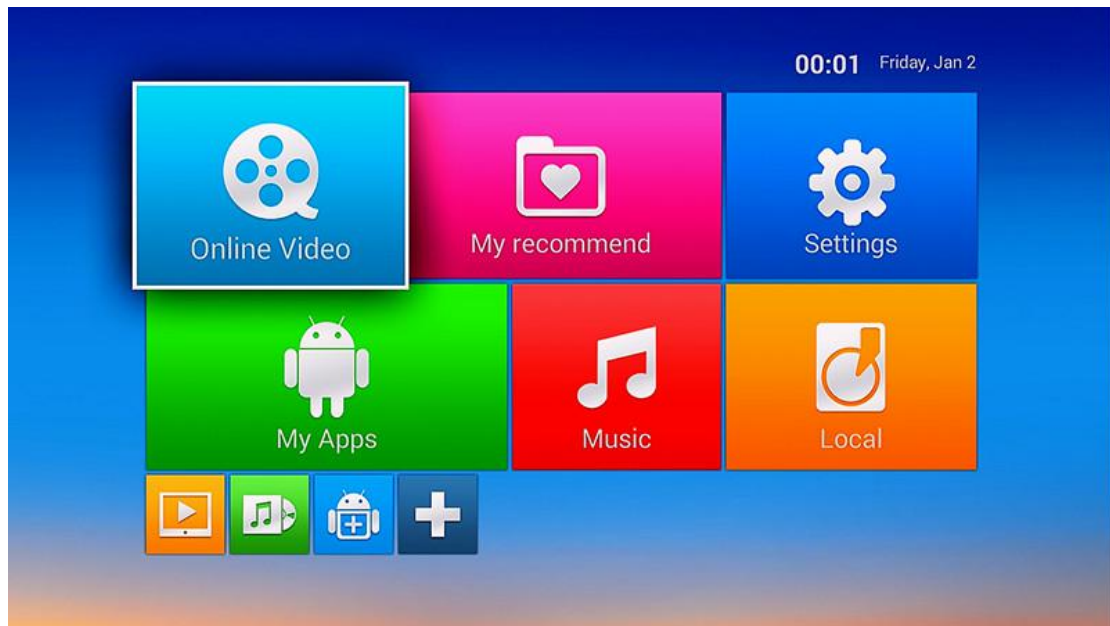


2.6 Display when Power Up

2.6.1 After power up, the TV will first show a green robot during loading. When loading is finished, it will go to Home screen.



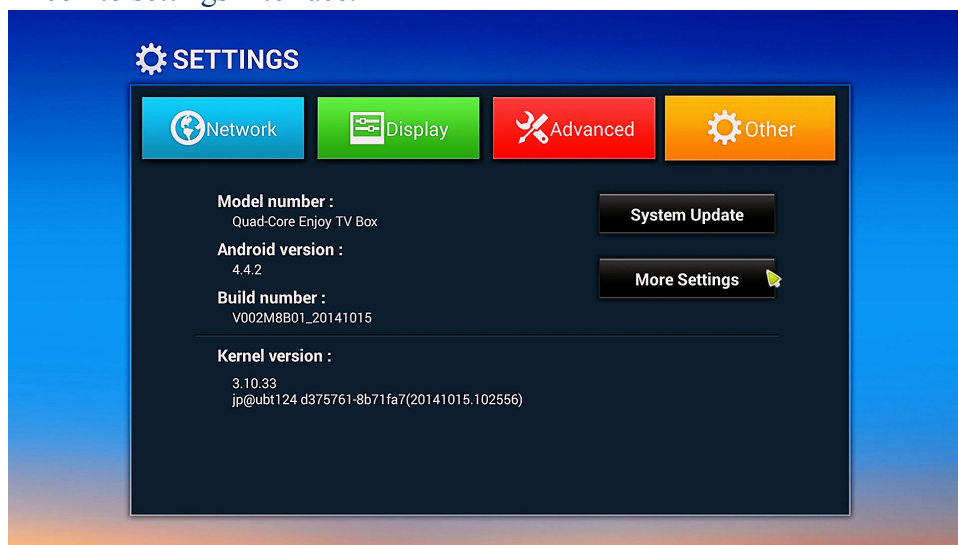
2.6.2 Home Screen display.



3. Settings

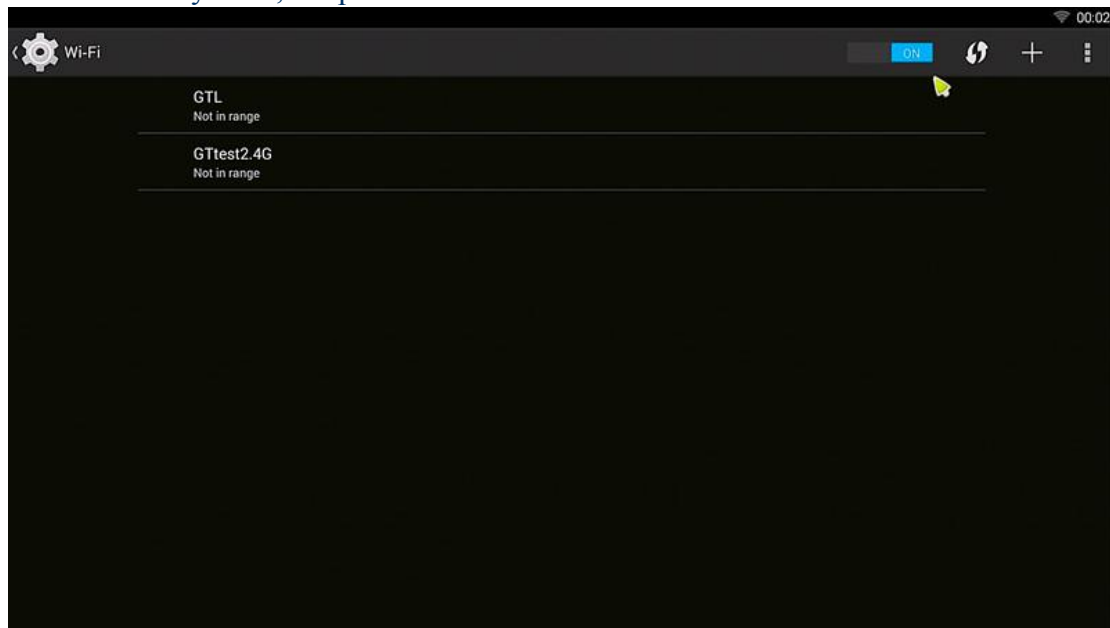
Using Navigation (4 directions), OK, EXIT, and Menu keys of Remote Controller to select the options, the option selected will be highlighted and confirmed by pressing OK key. Same operation for text input if needed.

Select  icon then press OK key. Select  icon and select  icon to settings interface.

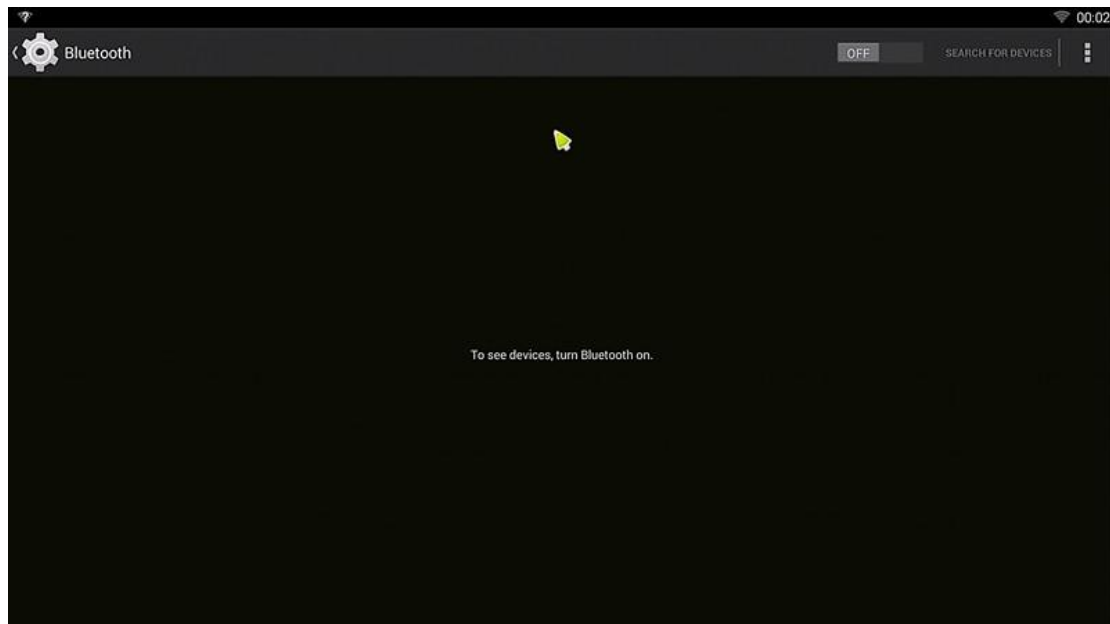


3.1 WiFi

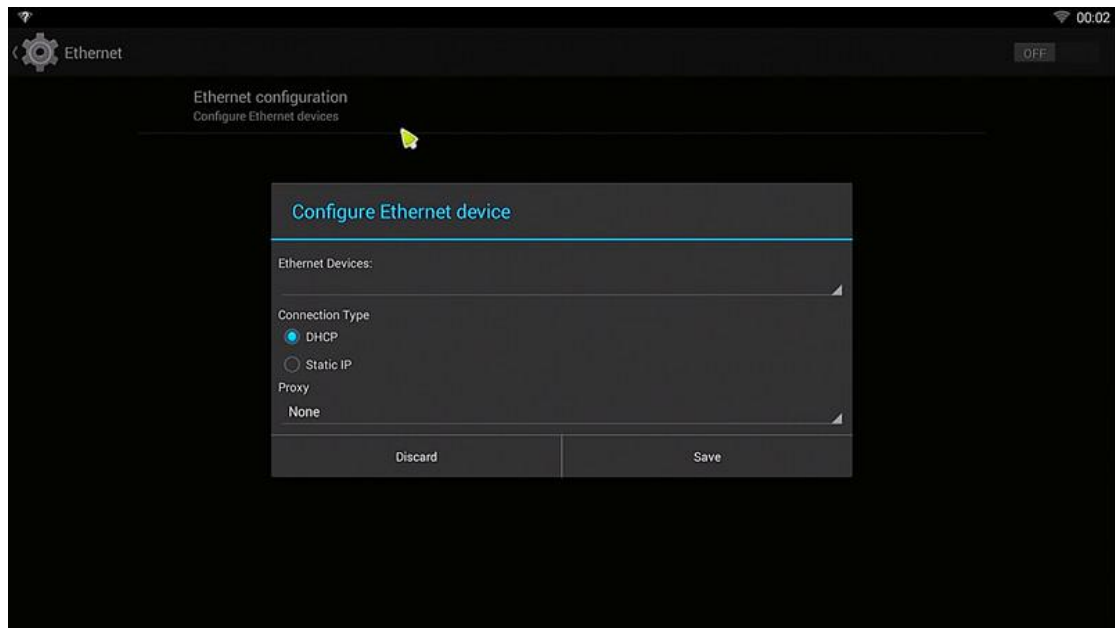
It will automatically scan ambient WiFi networks when select “ON”.
Connect an available WiFi network. If connect a secured WiFi network, corresponding password will be input firstly. Or fail to connect and need reset password. Once build up the connection with a certain WiFi network successfully, ATV586A will connect this WiFi network automatically when restart.
Note: If factory reset, the password of WiFi network have to be reset.



3.2 Bluetooth

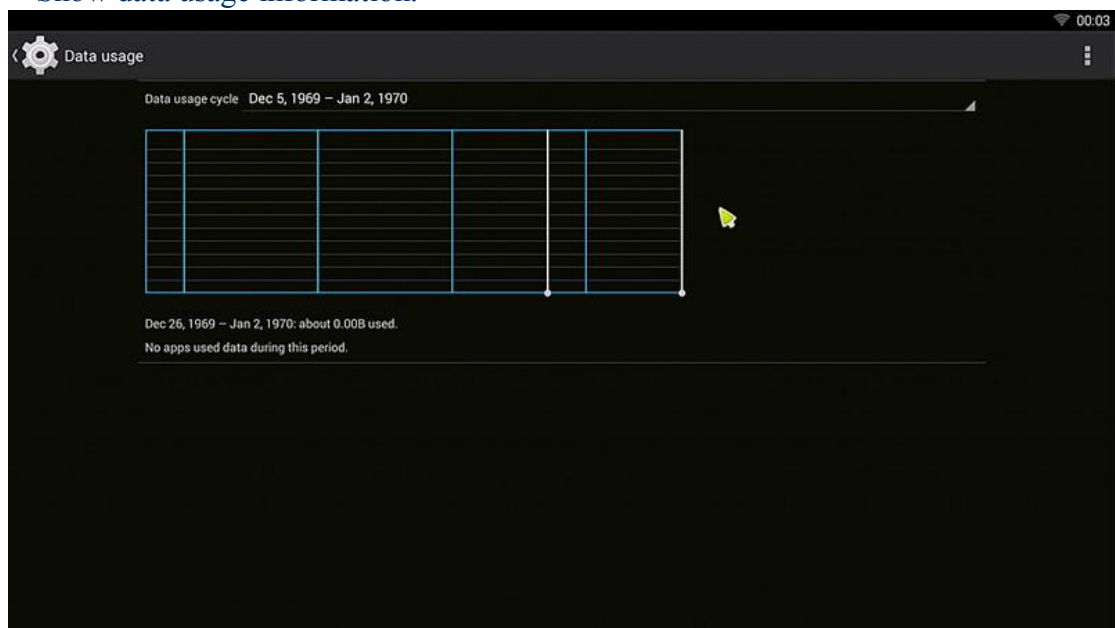


3.3 Ethernet

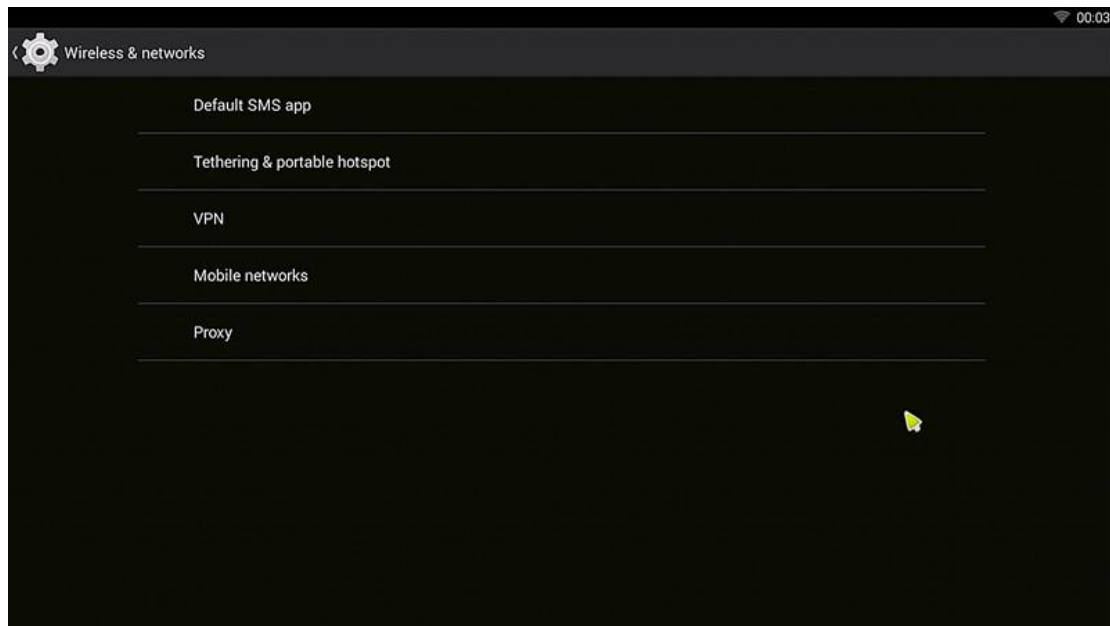


3.3 Date usage

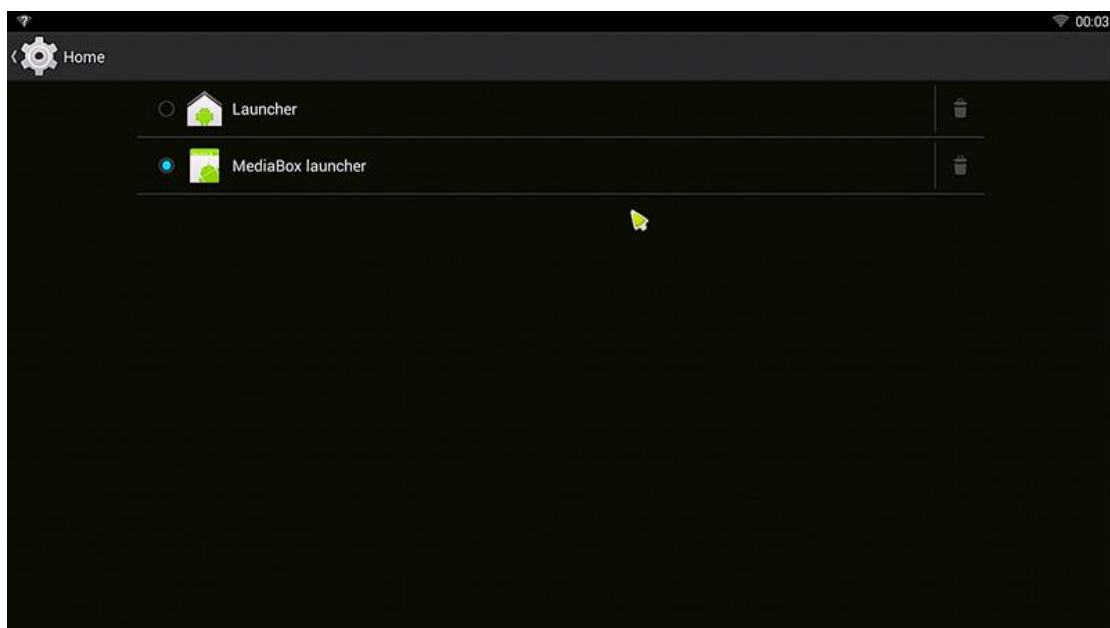
Show data usage information.



3.4 Wireless & networks



3.5 Home



3.6 Sound

3.6.1 Volumes

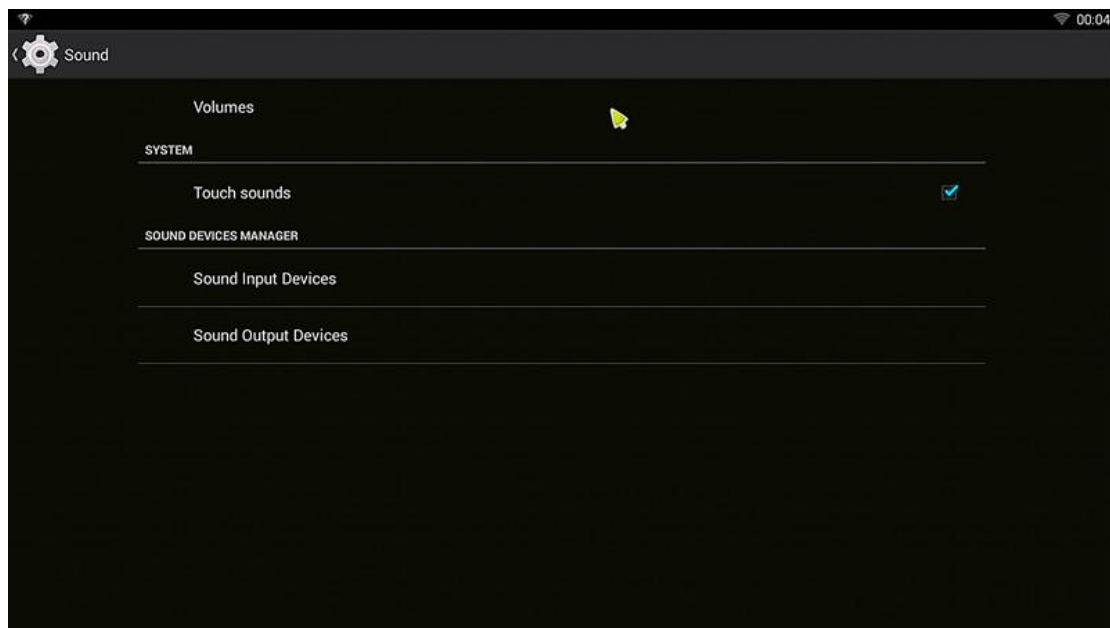
Increase or decrease sound volumes

3.6.2 Touch Sounds

If enable Touch sound, sound will be heard while move remote controller.

3.6.3 Sound Input Devices

3.6.4 Sound Output Devices

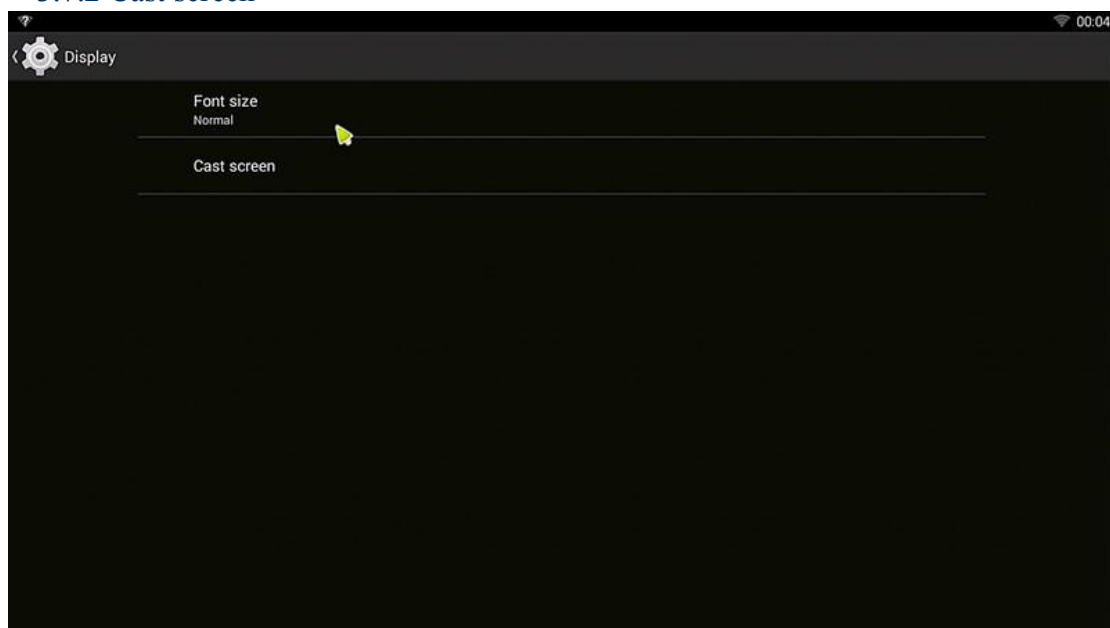


3.7 Display

3.7.1 Font size

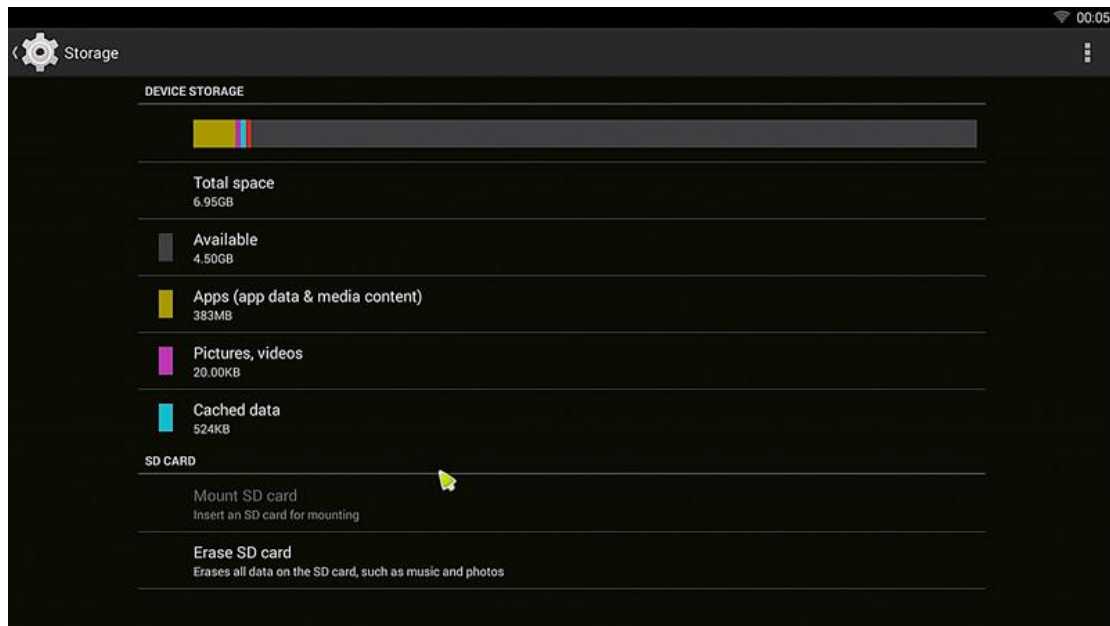
Change the font size of OSD

3.7.2 Cast screen



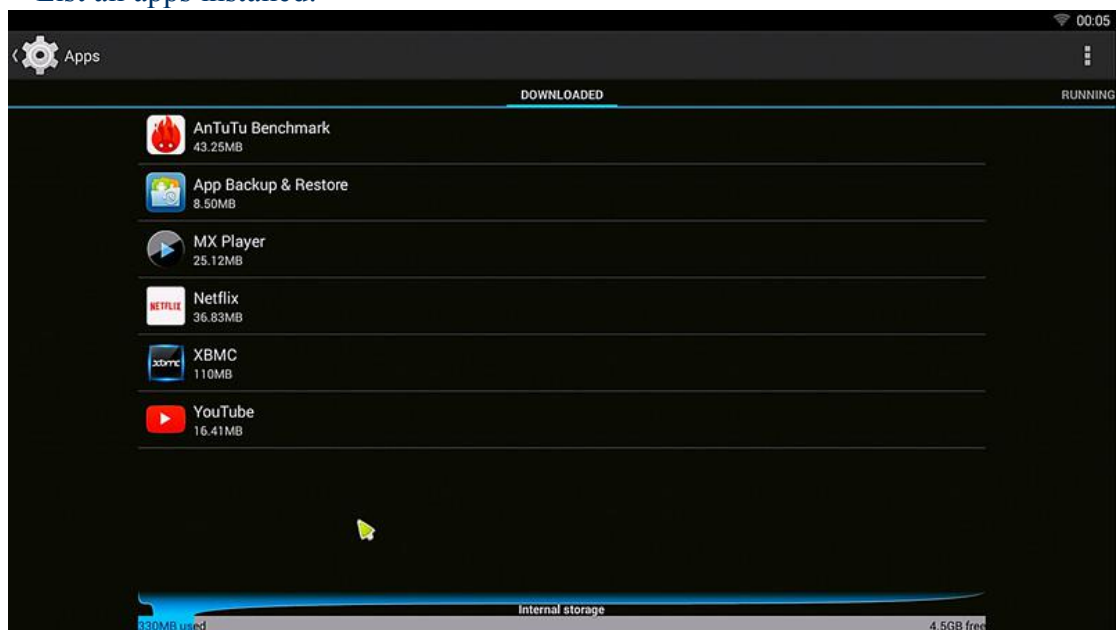
3.8 Storage

Shows the storage used of the OS and SD card.



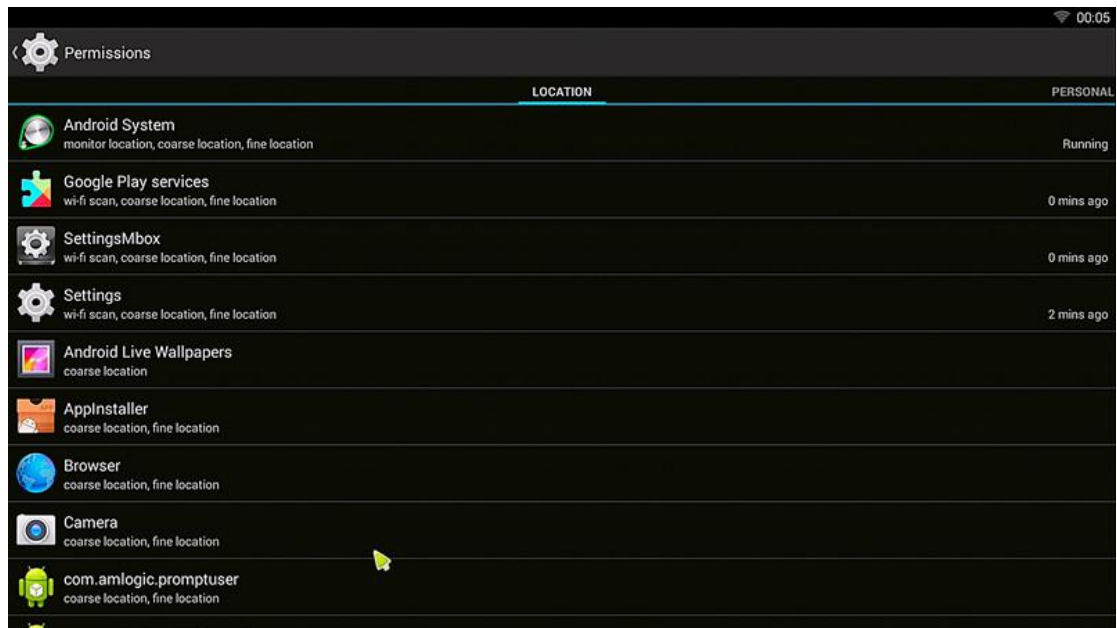
3.9 Apps

List all apps installed.

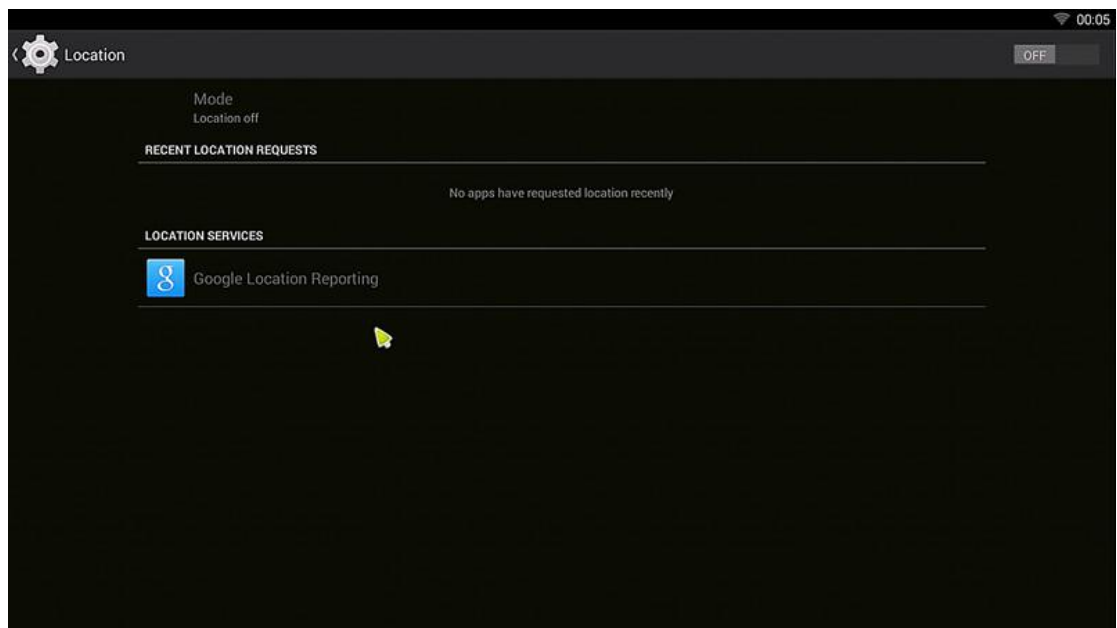


You can choose an application and force to shut down the app, uninstall the app, clear user data, move to SD card and clear cache data.

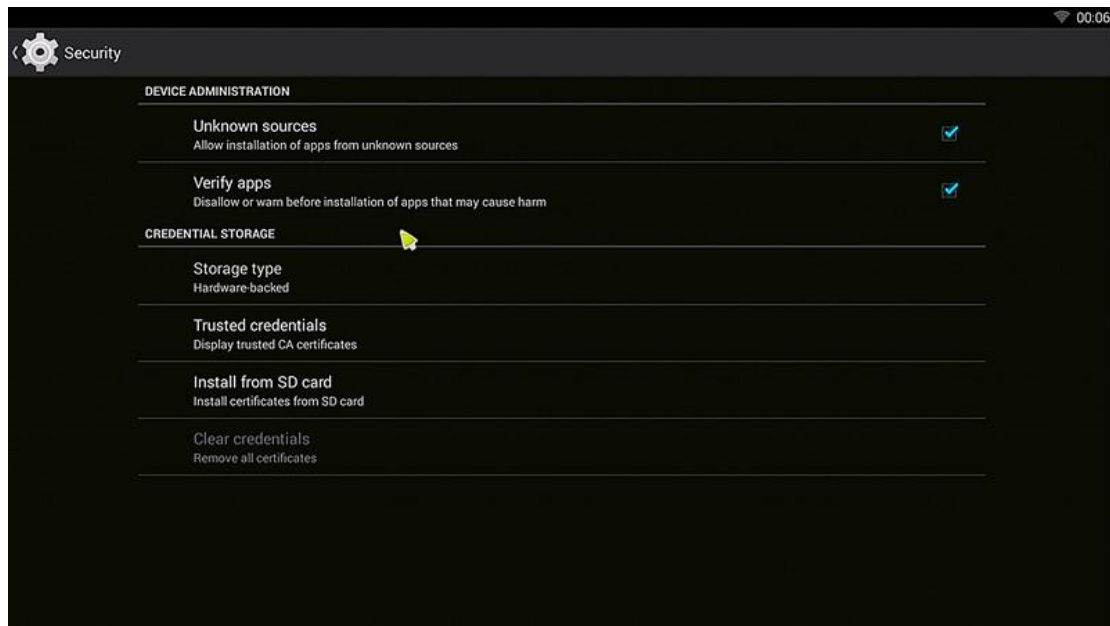
3.10 Permissions



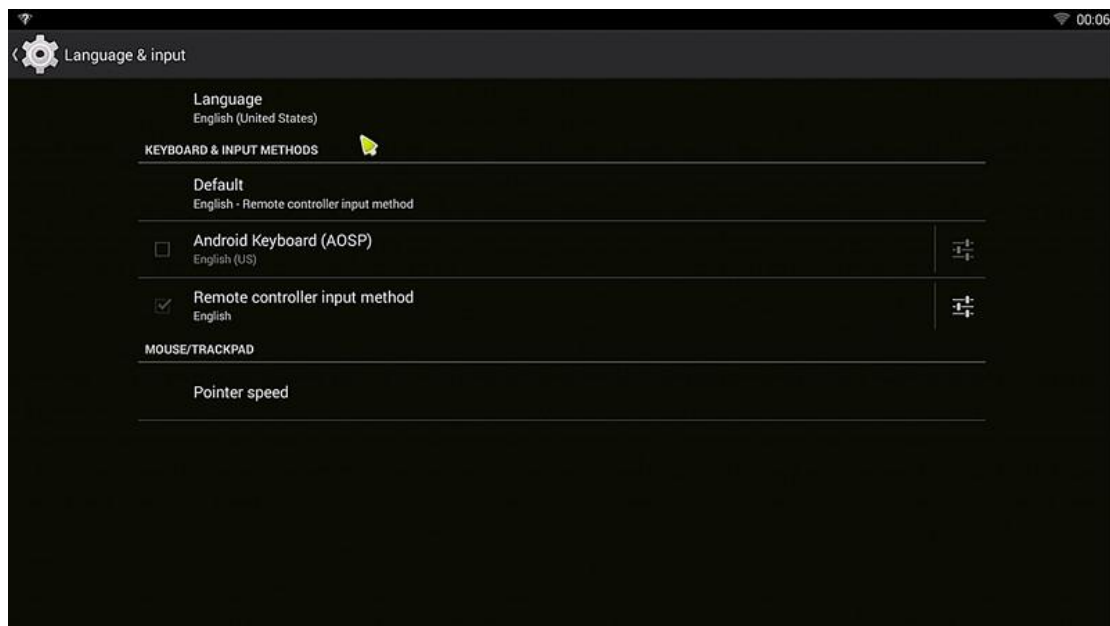
3.11 Location



3.12 Security



3.13 Language & input

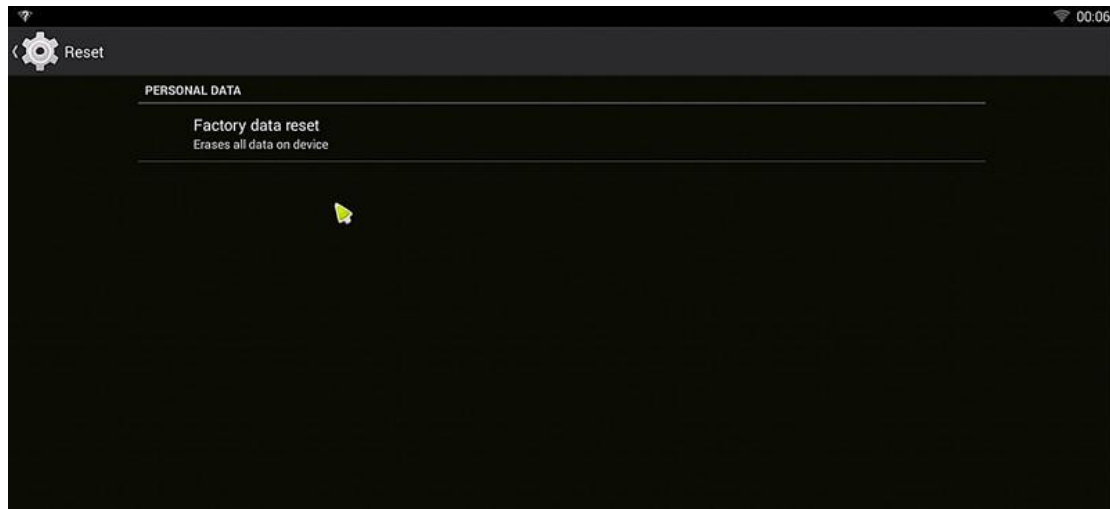


Change OSD language and input method.

The default input method is android standard keyboard.

If you are using our IR remote control, enter into “Default” option and switch to remote controller input method.

3.14 Reset

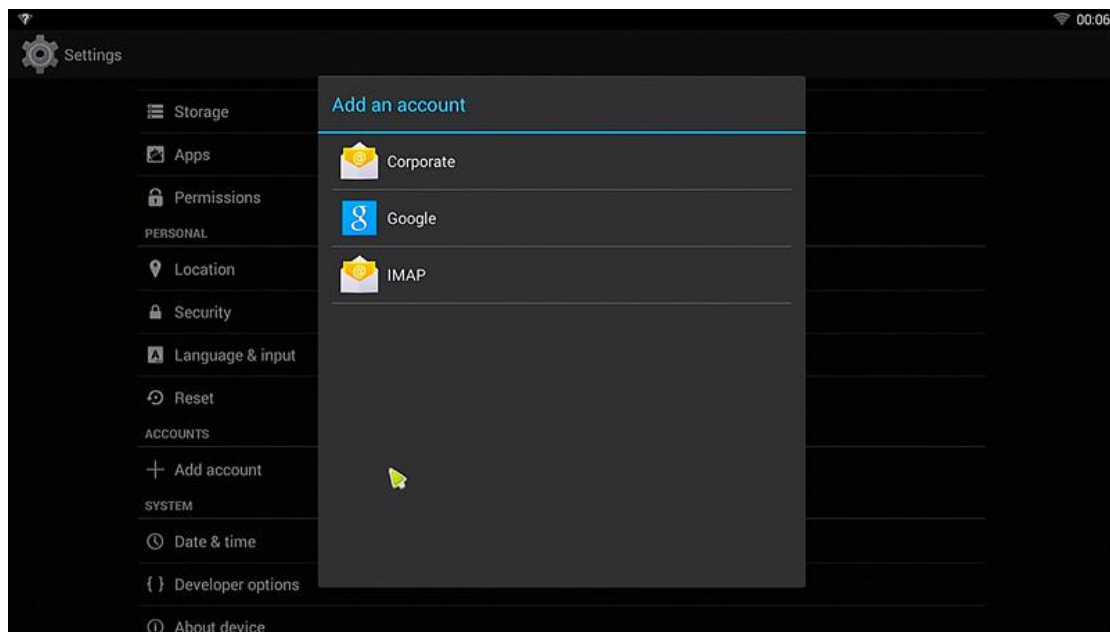


Factory data rest:

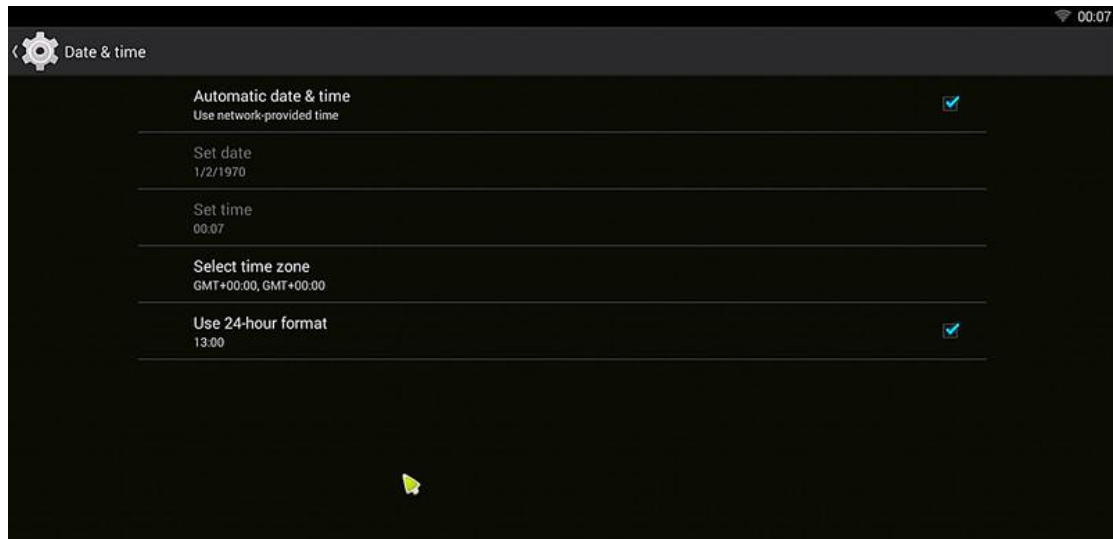
You can reset all the settings and apps to factory default.

Note: You might want to backup important data before resetting the box. Once you choose to rest to factory default, all data/apps will be deleted.

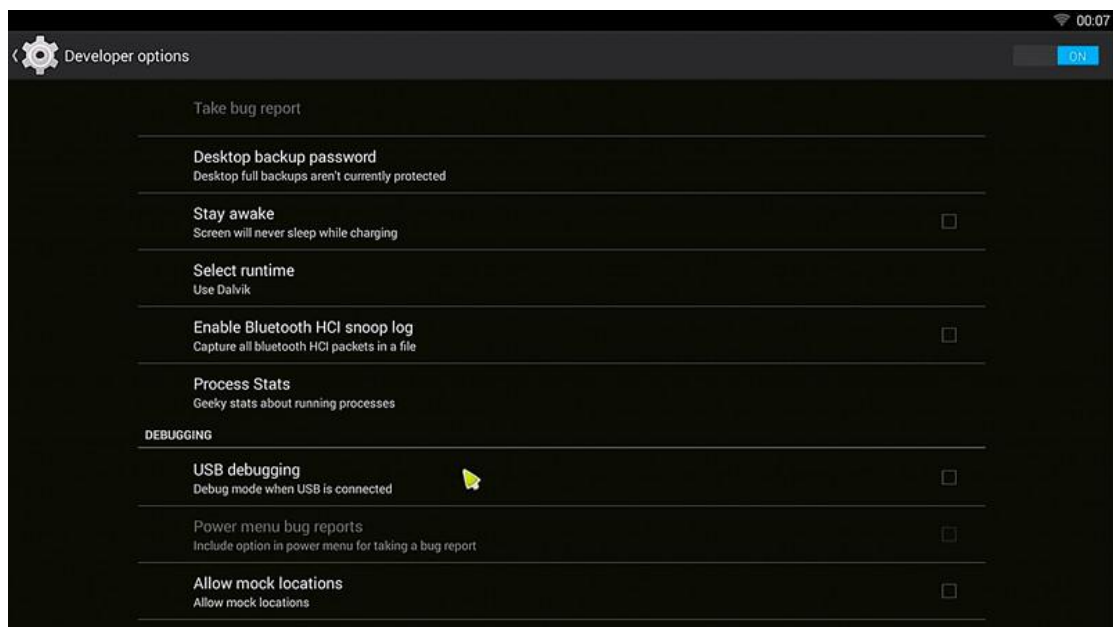
3.15 Add an account



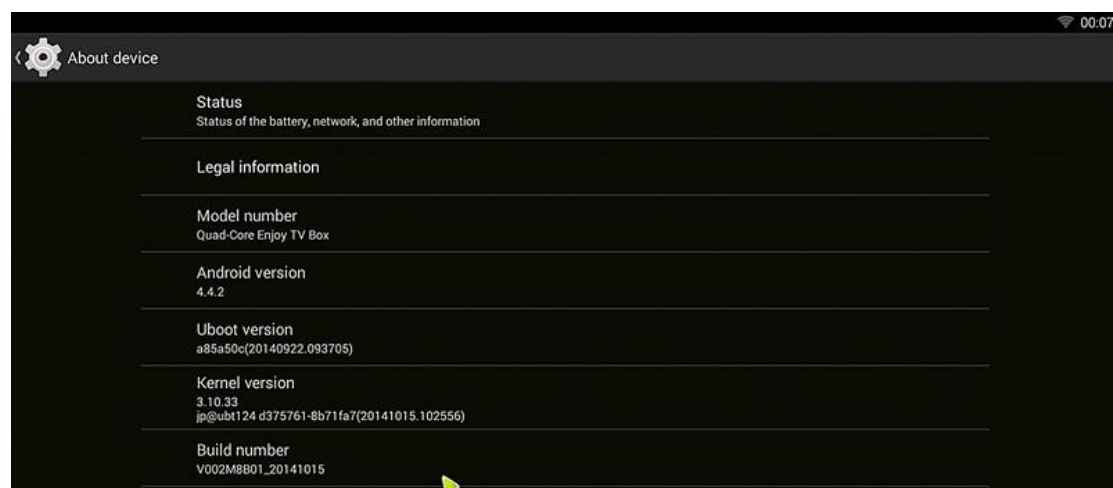
3.16 Date & time



3.17 Developer options.



3.18 About device.



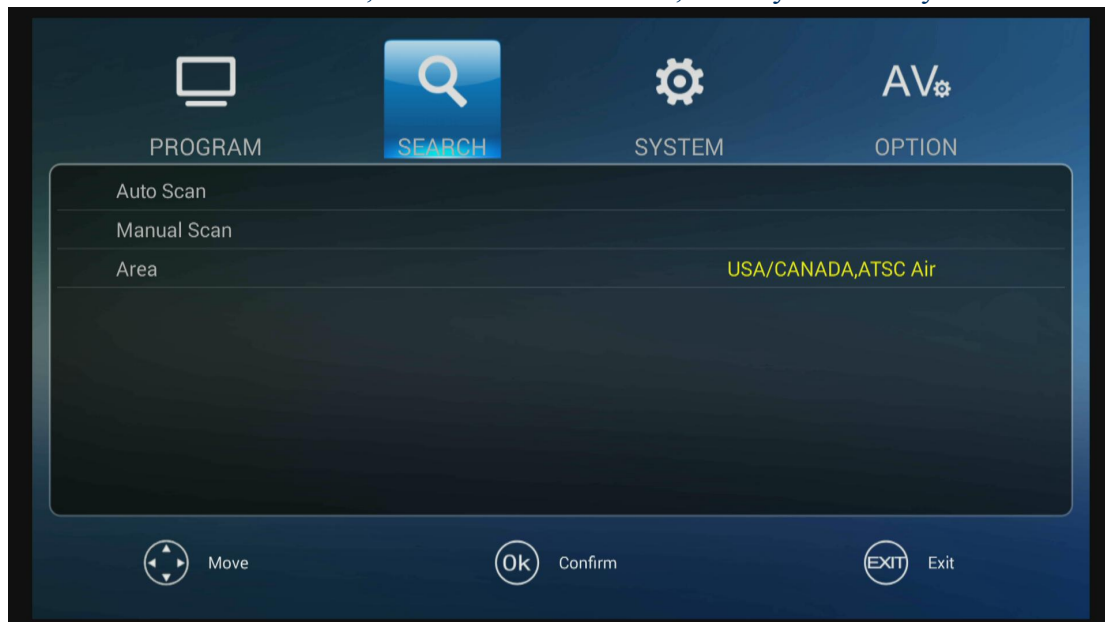
4.DTV Player

4.1. Scan for TV Channels

First make sure you have plug in the RF antenna. For first time usage, you will notice there is a black window on the left hand side on the main menu. You can select the black window and press the OK button to enter channel search interface, or you can select the DTV Player from ALL APPS.



First Select SEARCH menu, and in the Area section, select your country.



4.1.1. Auto Scan TV Channels

After you have chosen the correct Area, you can select Auto Scan to start scanning for channels.

ATV586A will scan the whole frequency range for TV channels, and will list out all found channels. You can exit anytime during the scanning, the found channels will be saved.



4.1.2. Manual Scan TV Channels

There are 2 mode in manual scan: By Channel or By Frequency

In By Channel mode, you can select the Band (VHF or UHF) and the frequency of the channel.

Then select search to start the scanning.

In By Frequency mode, you can enter a specific frequency and bandwidth. Then select search to start the scanning.

Once scanning is finished, click OK button to start watching TV.



4.2. DTV Functions

You can press the OK button to bring up the channel list, in there you can select TV channels, Radio channels or your favorite channels.



You can press Left or Right button to bring up the channel sub menu, from the menu you can change the display size, access EPG, change audio language, change subtitle, change TTX region and start recording.

If you want to return to the setup menu, just press the menu button on the remote control.

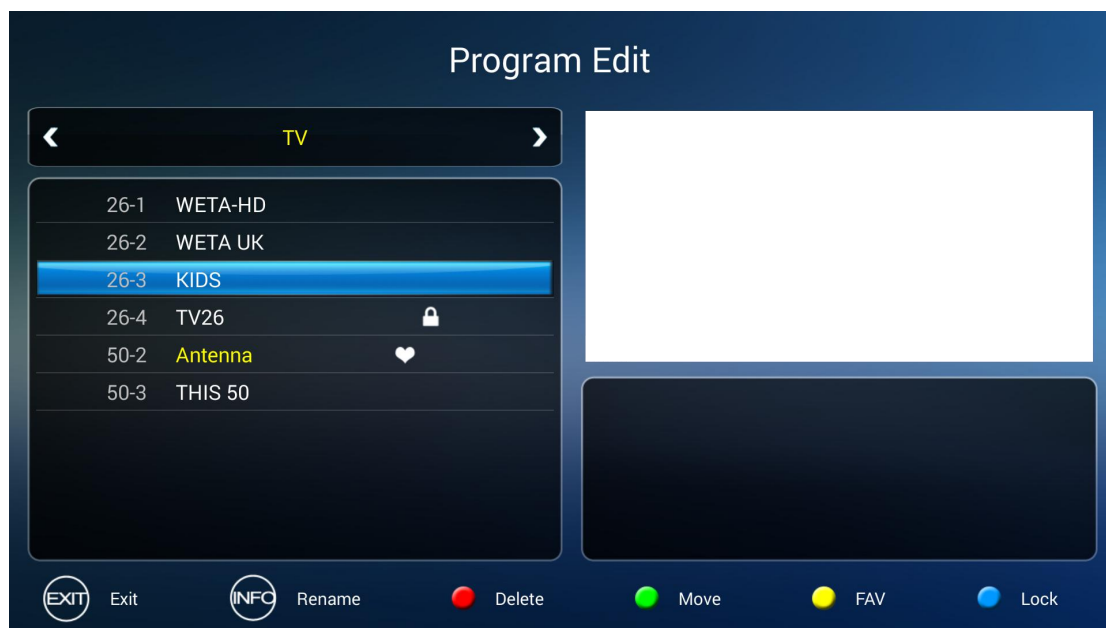


4.3. DTV Player settings

4.3.1. Program Edit

In program edit option, you can re-order the channel list, select Favorite channels (channel will mark with a heart icon) and lock channels (channel will mark with a lock icon).

The default password is 0000. You can change the password in system menu.



4.3.2. EPG

In EPG option, you can check TV shows schedule for the coming 7 days, and also can setup schedule recording.

To setup schedule recording just select a time range and click OK button, a list of record option will appear and just select the one you desire.

By default the recorded files will be store in the external storage device. You can change this in PVR Configure.



4.3.3. PVR

In PVR Configure, you can select which device to store the recorded files.

You can also change the Timeshift size to select how long the timeshift should be.

In PVR Manager, all recorded files will be list here, you can playback the file, delete

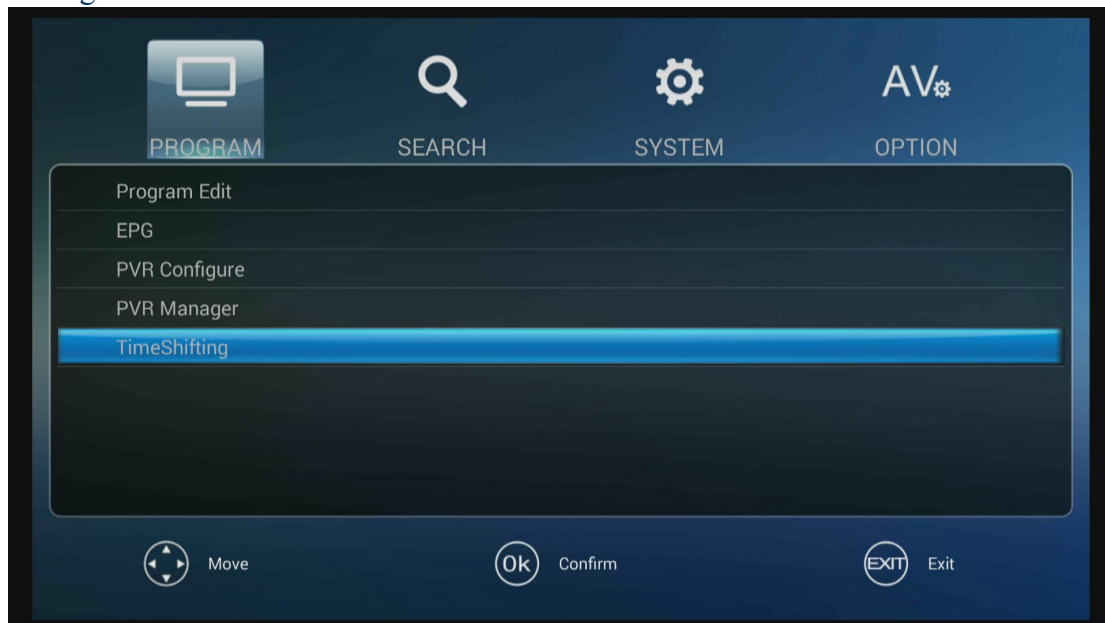
the file or format the storage device.

Please take note, all data will be lost if you select to format the storage device.



4.3.4. Timeshift

Select Timeshift will start timeshifting TV channel, you can pause, play, rewind, fast forward the recorded timeshift. The length of timeshift can be setup in PVR Configure.



4.3.5. System

Under System menu, there are:

Recall List: Select which recall list to be use

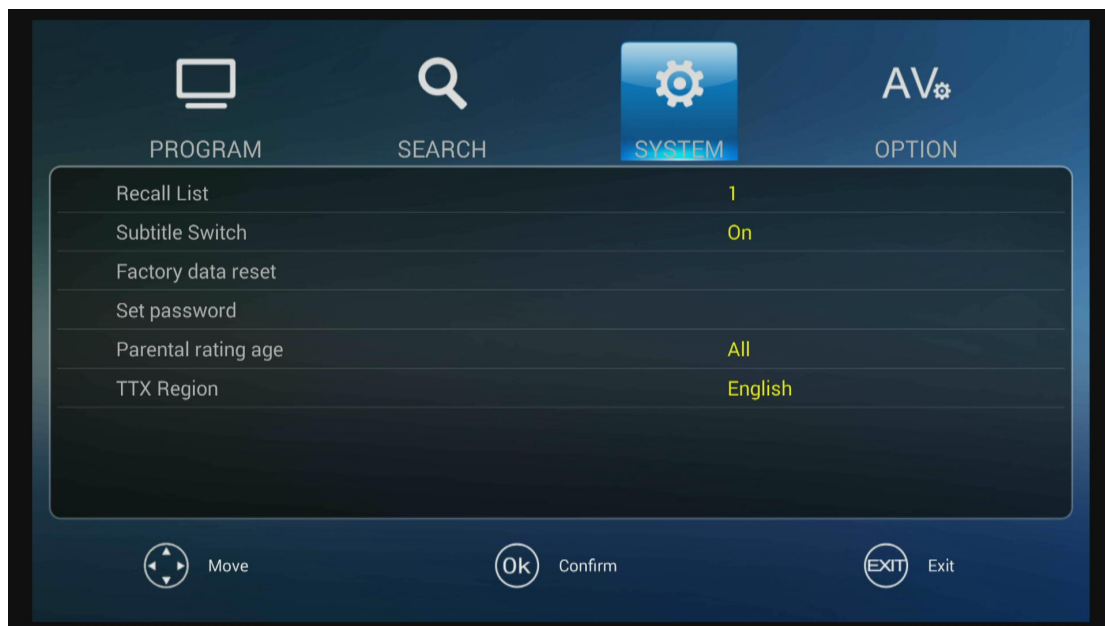
Subtitle Switch: Enable or disable subtitle switch function

Factory data reset: Reset all settings to factory default

Set password: Change the password for program edit and parental rating age, they use the same password.

Parental rating age: can set Parent control by age 4~18 or all(no parent control)

TTX Region: Set the TTX language



4.3.6. Option

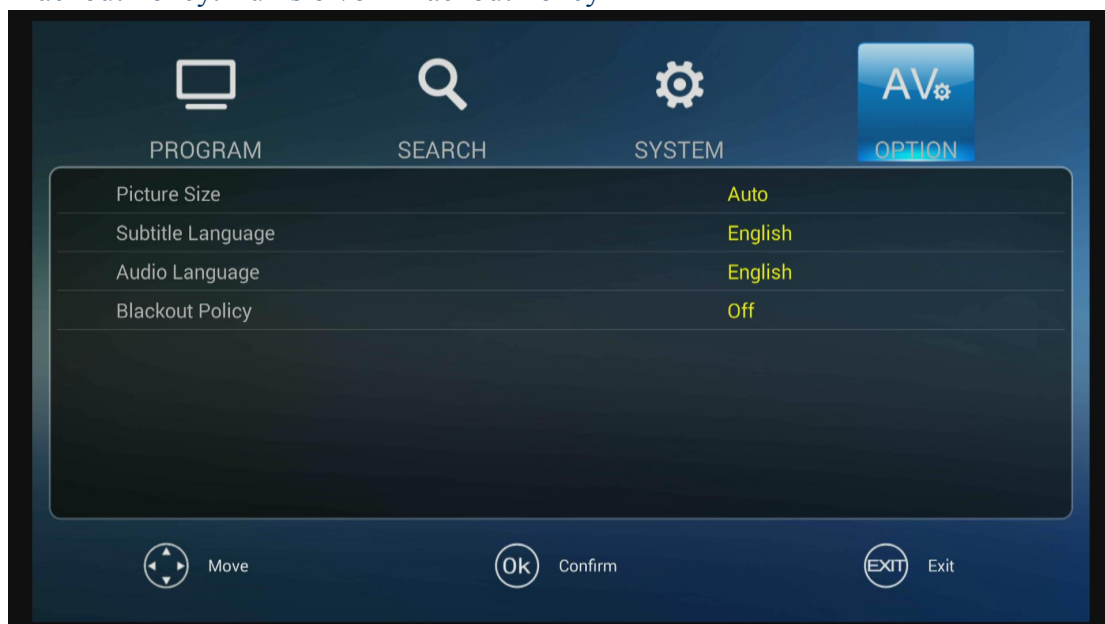
Under Option menu, there are:

Picture Size: Set the default display size

Subtitle Language: Set the Subtitle Language

Audio Language: Set the Audio Language

Blackout Policy: Turns on/off Blackout Policy



5. Apps Install & Uninstall

On ATV586A, you can install apps from Android Market over the Internet or other sources, such as other online sources, the internal storage and the USB storage device and SD card that you have mounted onto ATV586A.

You also can manage apps on ATV586A and SD card, install/uninstall apps, stop running apps, or select other options.

6. Firmware Update

You can download newest firmware from Geniatech Official website:
www.geniatech.com

7. Trouble Shooting/FAQ

7.1 No Picture

Refer to the TV user manual for how to select the correct video input channel.

7.2 USB Content cannot be read

- . The format of USB storage device is not supported
- . The supported memory size is 32G maximum.
- . Make sure that this player supports these files.

7.3 Remote Controller cannot respond quickly to the pressing of keys

Make sure that batteries have enough power.

7.4 The firmware updating is not complete after a long time

If you update the firmware over the online service, it may take a long time to download the firmware update files from the server. To save your time, update the firmware through the SD card.

8. Repairs

If you contact us to repair your player, an administration fee may be charged if either:

An engineer is called out to your home at your request and there is no defect in the product.

You bring the unit to a repair center and there is no defect in the product.

We will provide you with the amount of the administration fee before we make a home visit or begin any work on your player.

We recommend you read this manual thoroughly, search for a solution on line at www.geniatech.com, or contact Geniatech Customer Care before seeking to repair your player.

9. Specification

CPU	Quad Core ARM Cortex-A5 CPU @ 1.5GHz
GPU	Mali 450 GPU @ 600MHz
RAM	1G DDR3
ROM	8G, EMMC
OS	Android 4.4 OS
TUNER	ATSC digital signal receiver
Optional	DOLBY
USB	USB2.0 ×2
HDMI	V1.4a
DC Input	5V-2A
SD Slot	Max: 32G
Video Output	HDMI/CVBS
Audio Output	HDMI
RF Input	75 Ohm Digital TV Antenna Input; Receive Frequency: TV48.25~863.28MHz
IR receiver	
WiFi	IEEE 802.11 b/g/n, 2.4G(5.8G optional)
BT	Optional
LAN	RJ45 10/100M Ethernet interface
Audio Decoder	Supports MP3,AAC,WMA,RM,FLAC,Ogg and programmable with 5.1 down-mixing
Video/Picture Decoder	H.265 HEVC MP@L4.1 up to 1080P@60fps H.264 AVC HP @L4.2 up to 1080P@60fps H.264 MVC up to 1080P@60fps MPEG-1 MP/HL up to 1080P@60fps MPEG-2 MP/HL up to 1080P@60fps MPEG-4 ASP@L5 up to 1080P@60fps WMV/VC-1 SP/MP/AP up to 1080P@60fps RealVideo 8/9/10 up to 1080P@60fps Multiple language and multiple format sub-title video support MJPEG and JPEG unlimited pixel resolution decoding Supports JPEG thumbnail,scaling,rotation and transition effects Supports .mkv/.wmv/.mpg/.mpeg/.dat/.avi/.mov/.iso/.mp4/.rm/.jpg files formats
Storage System	Built-in 4K bits One-Time-Programming ROM for key storage
Size	115x114 x 27mm
Net Weight	250g

9. Trademark Notice



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in United States and other countries.