Geniatech

Android Box
ENJOY TV Dual Core Box
ATV1600
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

Contents

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 Dual Core Box - ATV1600

User's Guide

HDMI Cable

AV Cable

Optional Cable RJ45 Network Cable, Fiber Optical Cable,Coaxial Cable

IR Remote Controller (IR RC)

Optional Remote Controller

   2.4G wireless Remote Controller

   USB wire/wireless Mouse & Keyboard

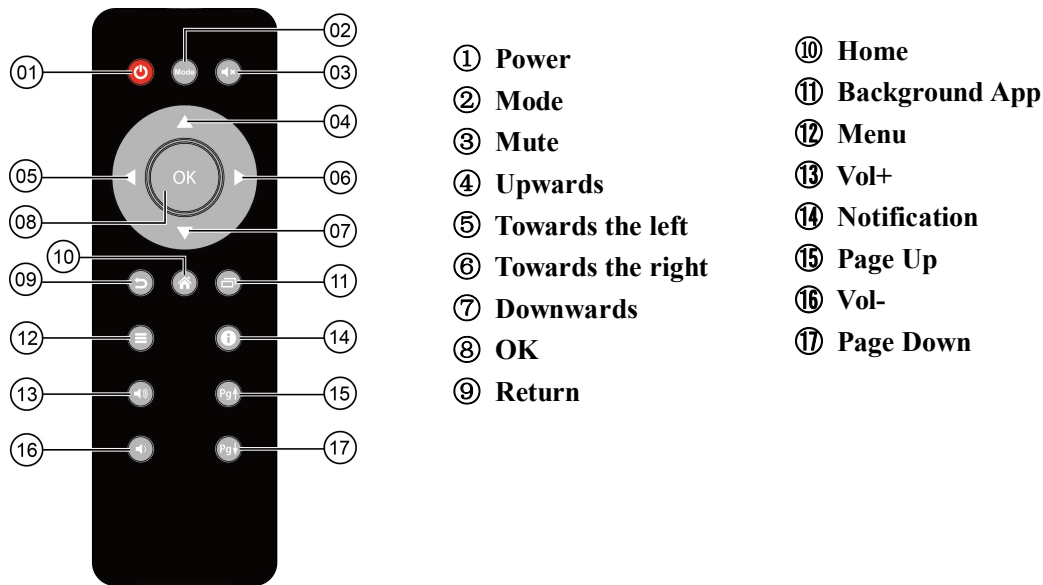Power Adapter, Input: AC100 ~ 240V, 50/60Hz, Output: 12V, 1.5A

2.2 Product Features

- HDMI input support
- ARM CORTEX A9 x 2, 1.5GHz, RAM is 1G,built in 2G-32G flash memory
- Support Dual Band
- Powered by Android 4.2 OS
- Built in 802.11b/g/n WIFI module, wireless Internet access
- USB interface, support mobile HDD, wired/wireless mouse and keyboard
- RJ45 10/100M Ethernet interface
- 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 Flash Player 10.2 for hardware decoding, Flash 11.1 for software decoding ,play back online video
- Support music player, picture player and more family entertainment
- Support SD card, 4 USB ports and Google Chrome browser and virtual private network access
- App Installer for application installation from USB/SD card
- Bluetooth 4.0 optionally

2.3 Panel Introduction

Status Indicator

Network Indicator

Power Button

STATUS NET

2.4 Remote Controller

① **Power**

② **Mode**

③ **Mute**

④ **Upwards**

⑤ **Towards the left**

⑥ **Towards the right**

⑦ **Downwards**

⑧ **OK**

⑨ **Return**

⑩ **Home**

⑪ **Background App**

⑫ **Menu**

⑬ **Vol+**

⑭ **Notification**

⑮ **Page Up**

⑯ **Vol-**

⑰ **Page Down**

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

2.5 Setup Connection

Place ATV1600 on a flat platform near the TV, and make sure nothing block the remote control signal.
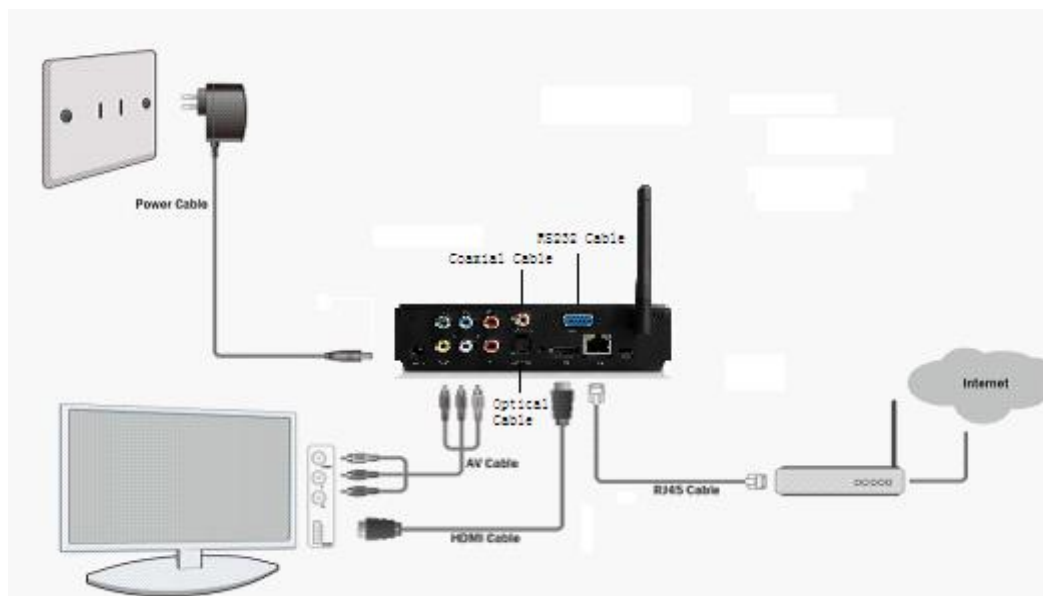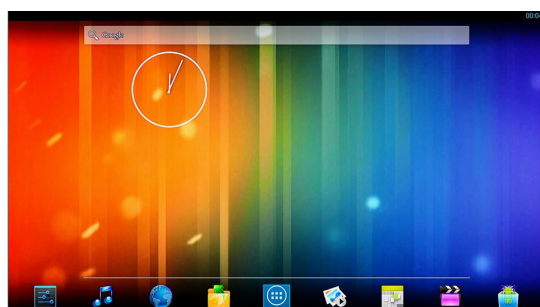

2.6 Display when Power Up

2.6.1 After power up, the TV will first show a green robot then change to "android" logo during loading. When loading is finished, it will go to Home screen.
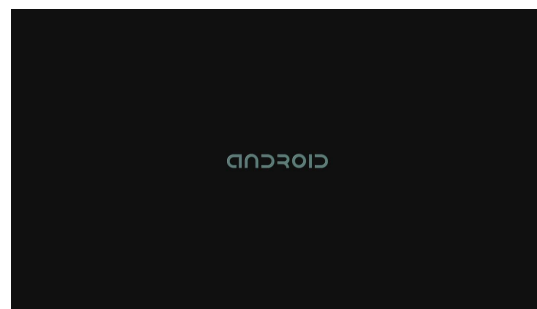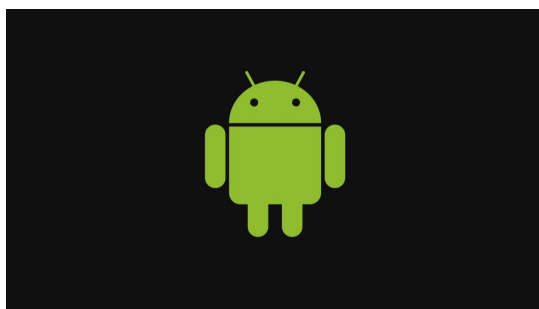
2.6.2 Home Screen display.

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] icon then press OK key.

3.1 WiFi

3.1.1 It will automatically scan ambient WiFi networks when select "ON".

3.1.2 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.

3.1.3 Once build up the connection with a certain WiFi network successfully, ATV1220M will connect this WiFi network automatically when restart.

Note: If factory reset, the password of WiFi network have to be reset.
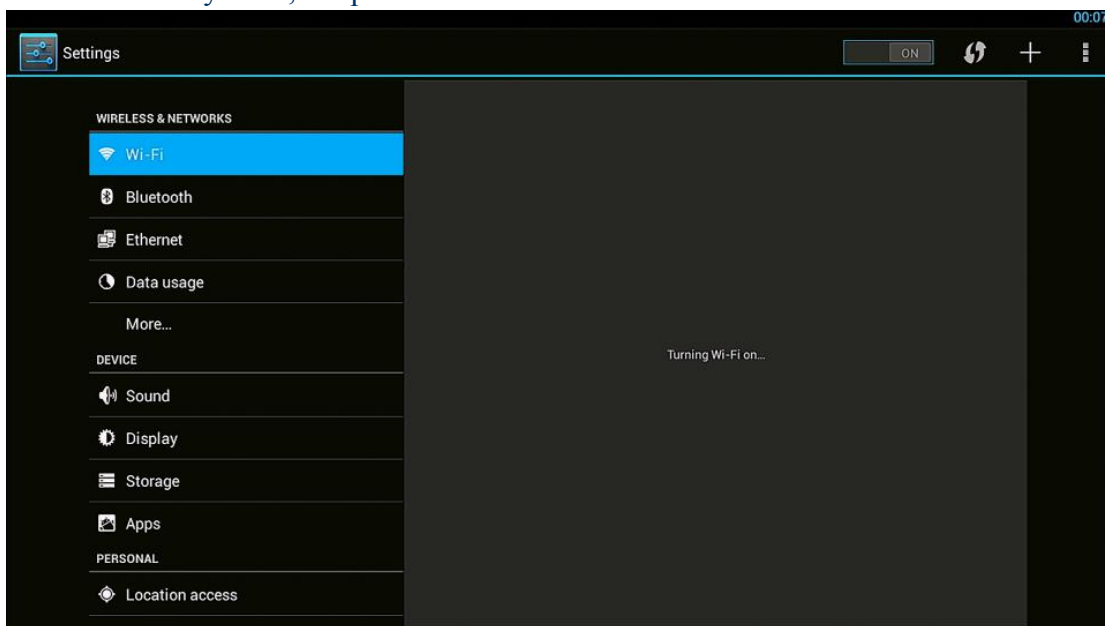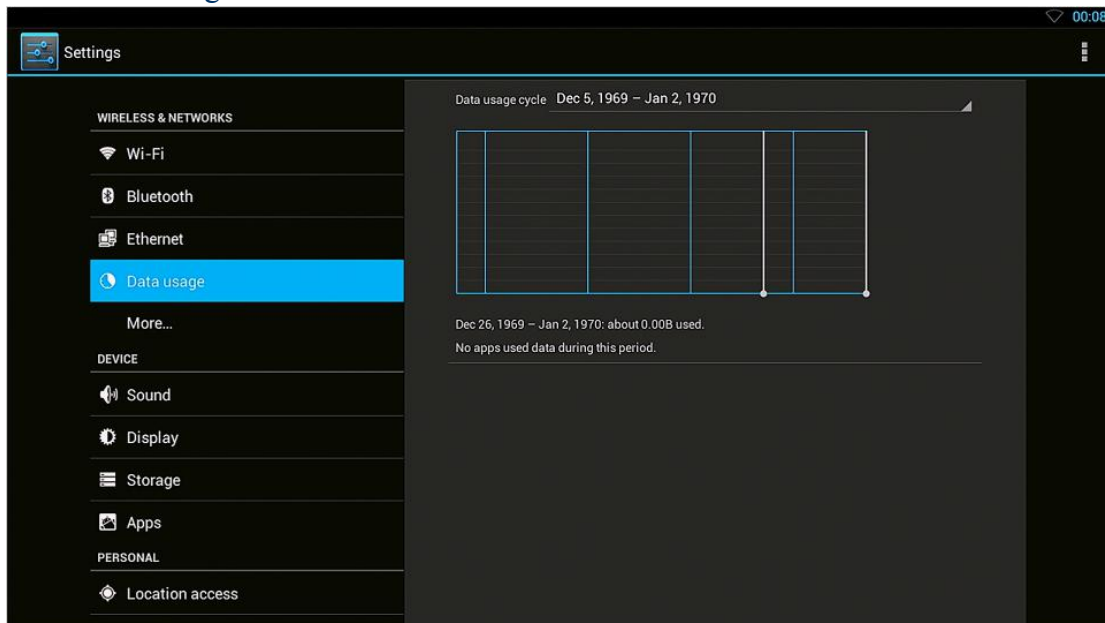

3.2 Ethernet

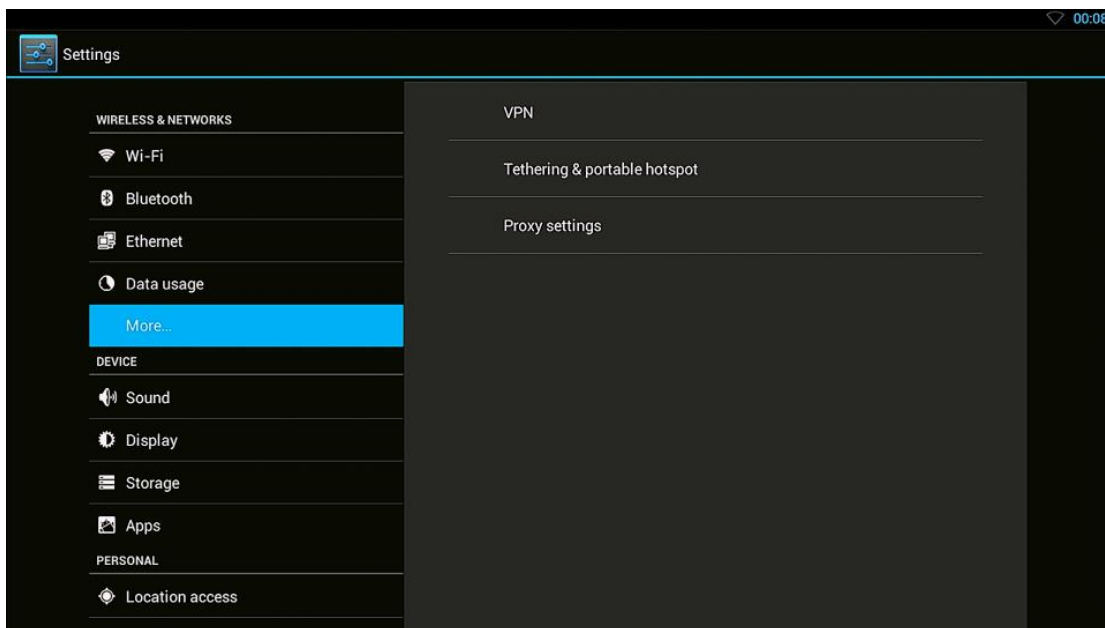Connect Box and Router by RJ45 network cable.

Press " ON" in Ethernet setting, it will connect to network automatically.

3.3 Date usage

Show data usage information.
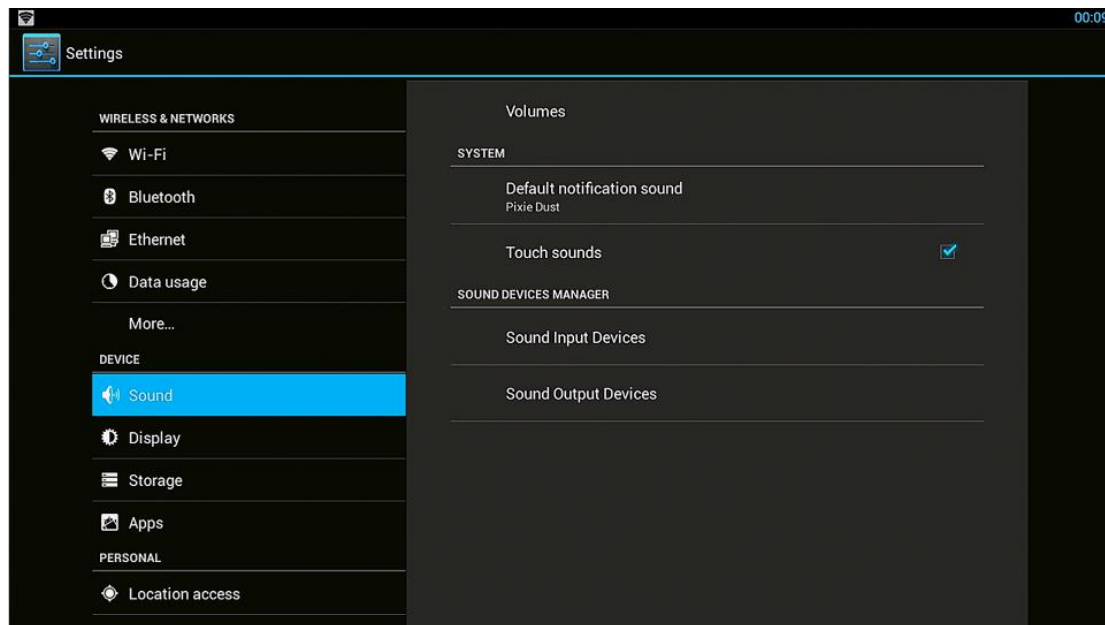

3.4 More...

3.4.1 VPN
Build and set VPN
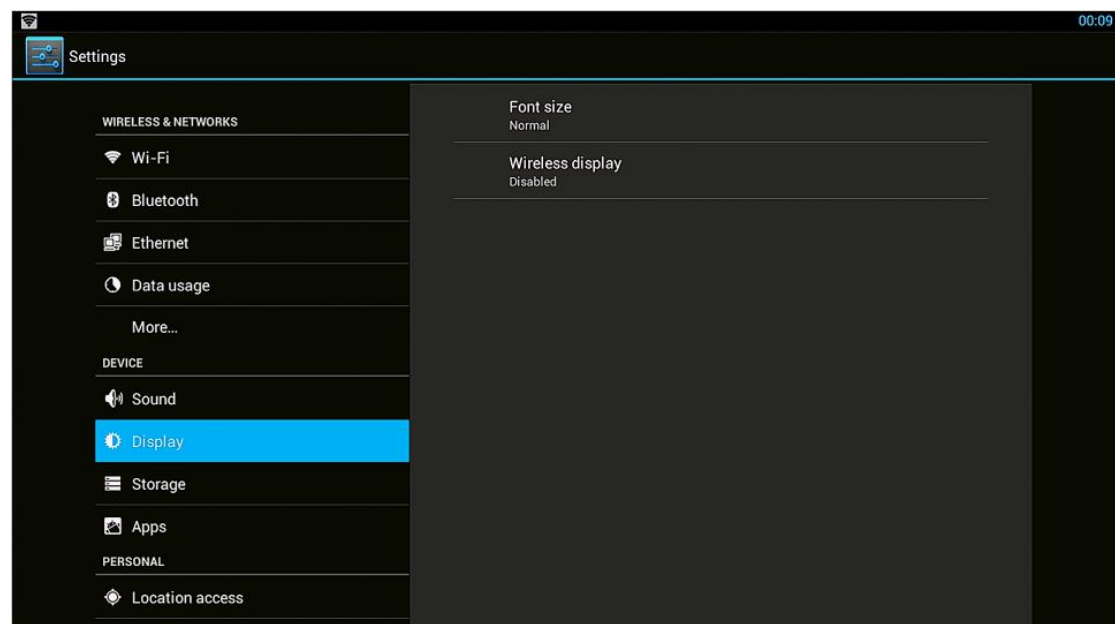
3.4.2 Tethering & Portable hotspot
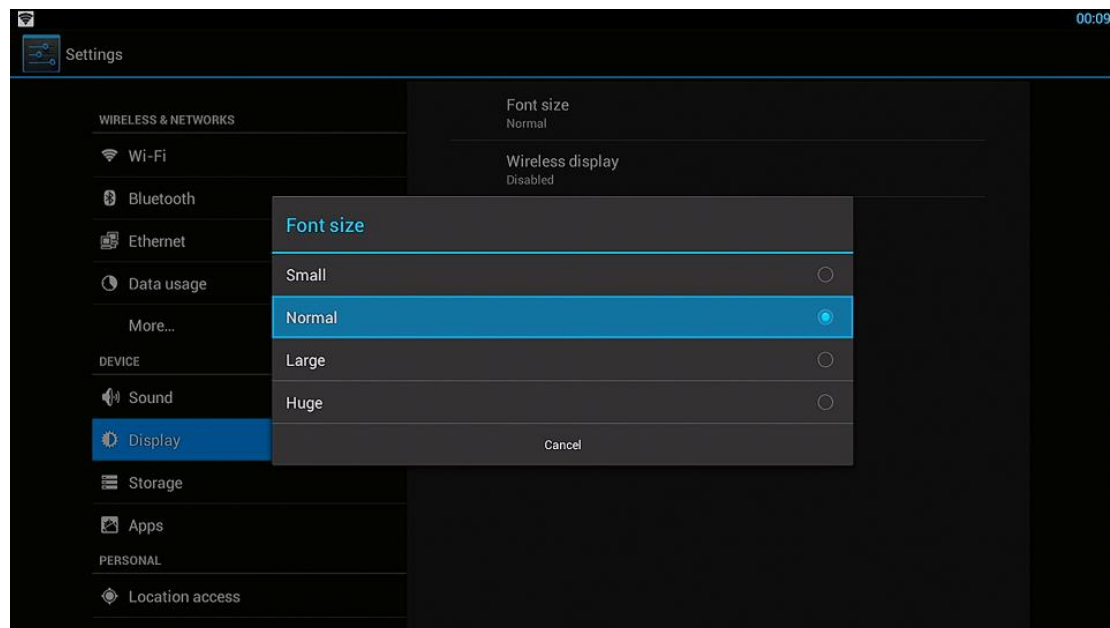3.4.3 Proxy settings
Setup proxy server

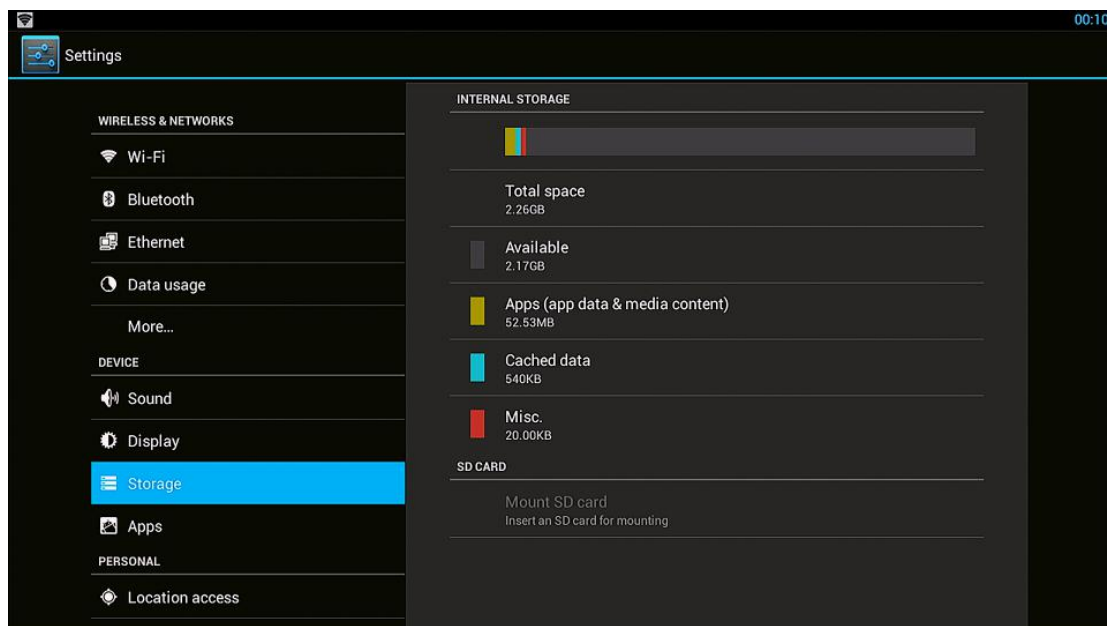## 3.5 Sound

3.6 Display

3.6.1 Font size
Change the font size of OSD
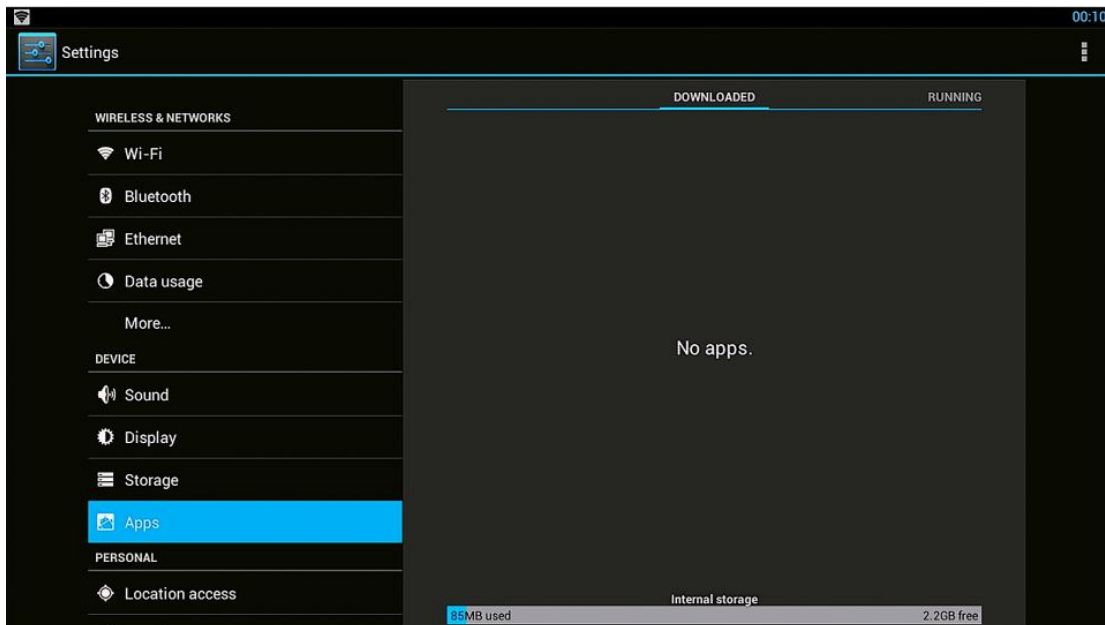
3.6.2 Wireless display

3.7 Storage

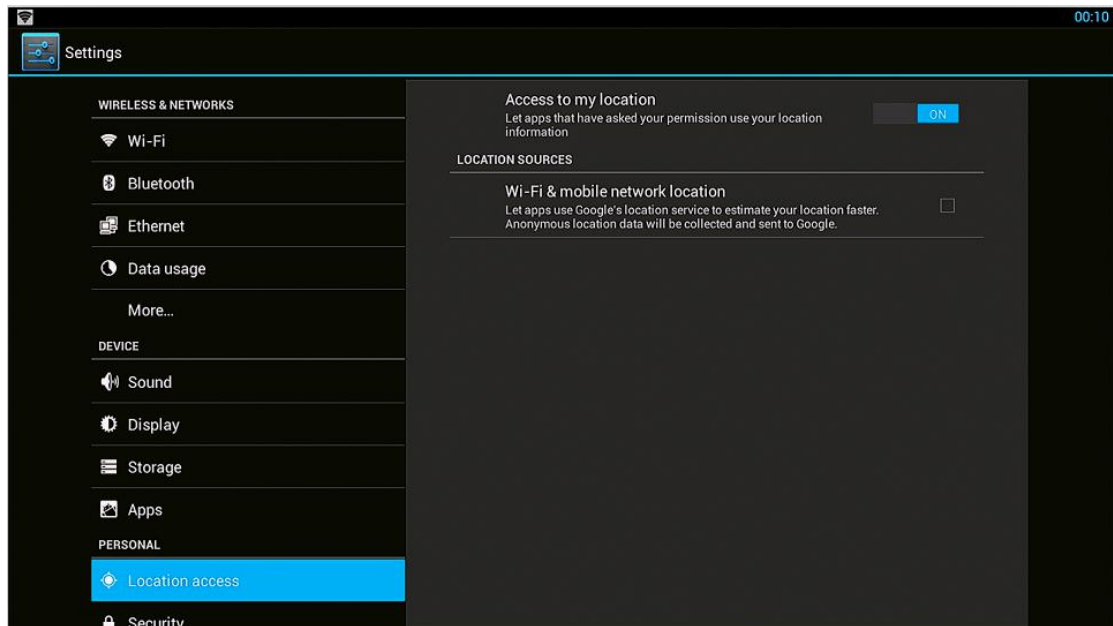Shows the storage used of the OS and SD card.
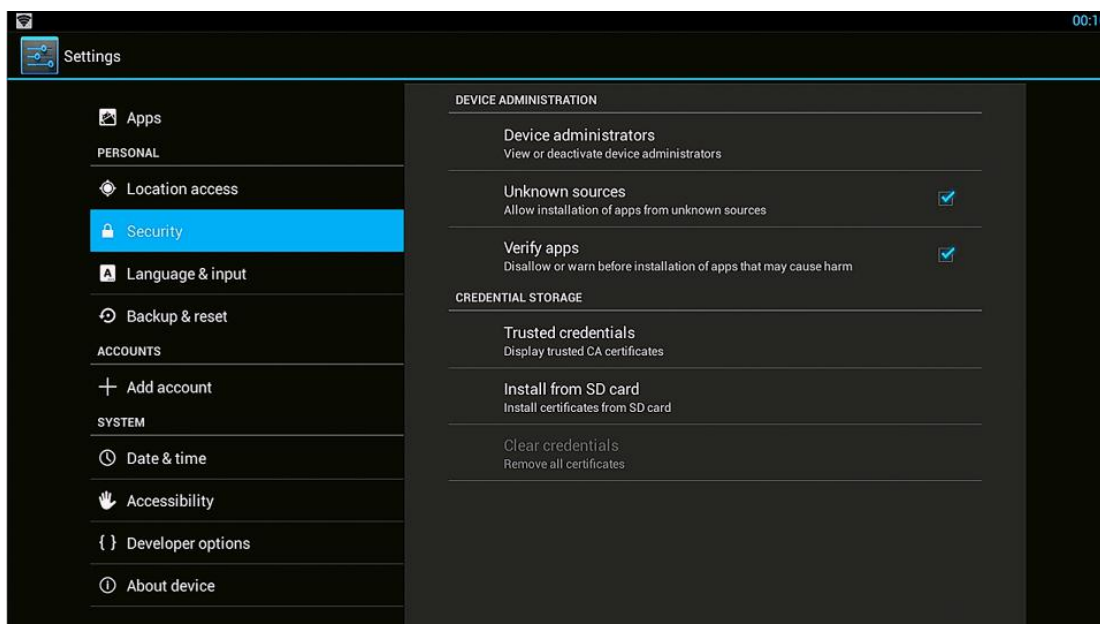

3.8 Apps

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.
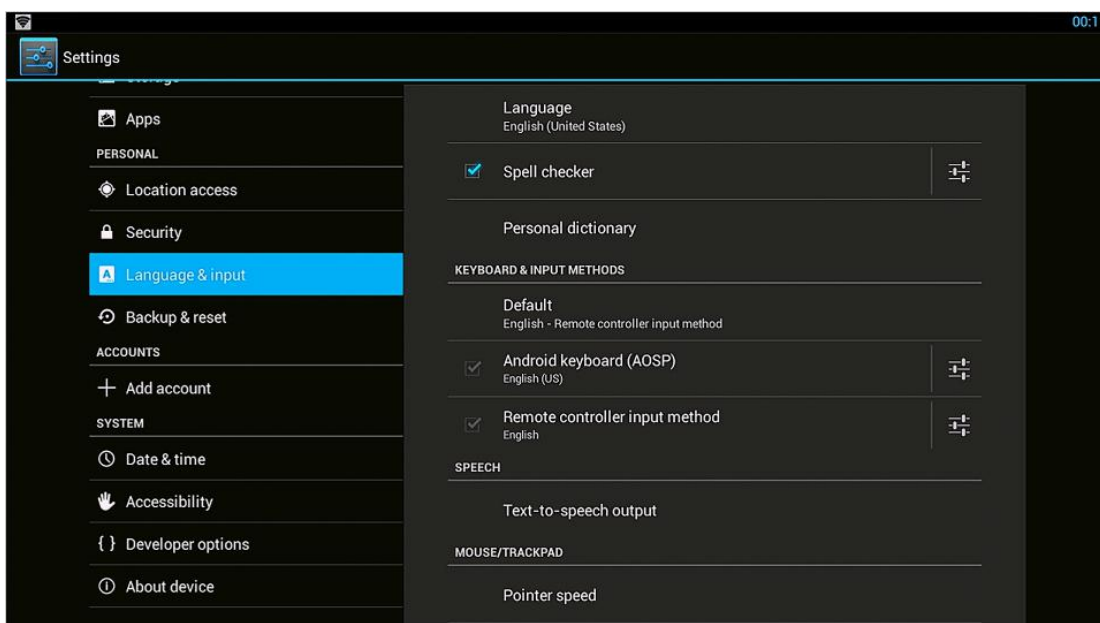
3.9 Location access

3.10 Security
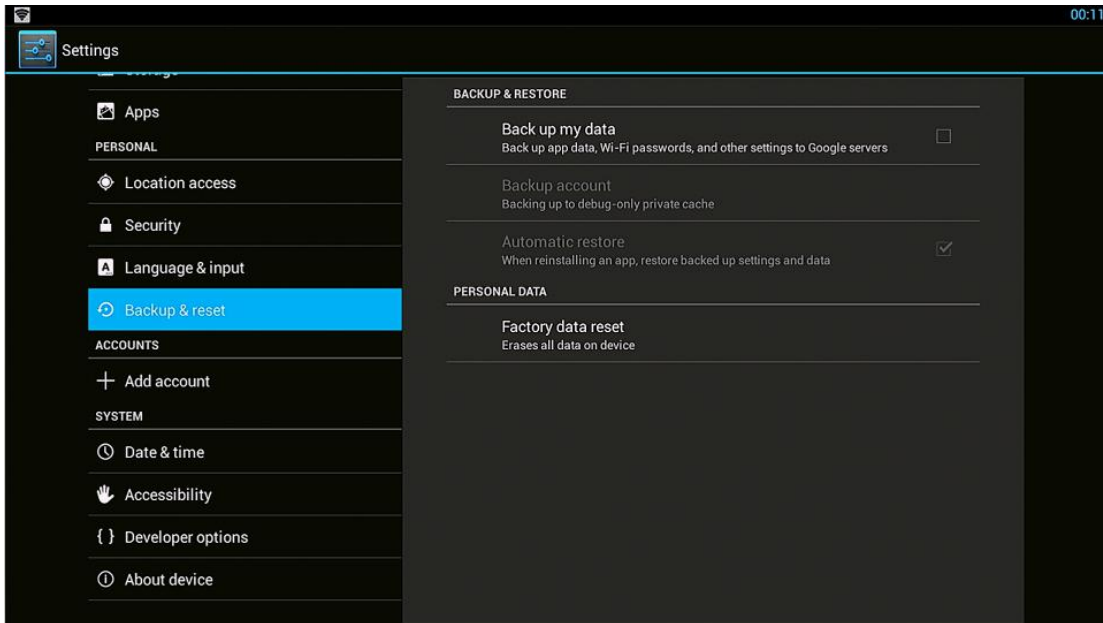

3.11 Language & input

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.

3.12 Backup & reset

Back up my data:

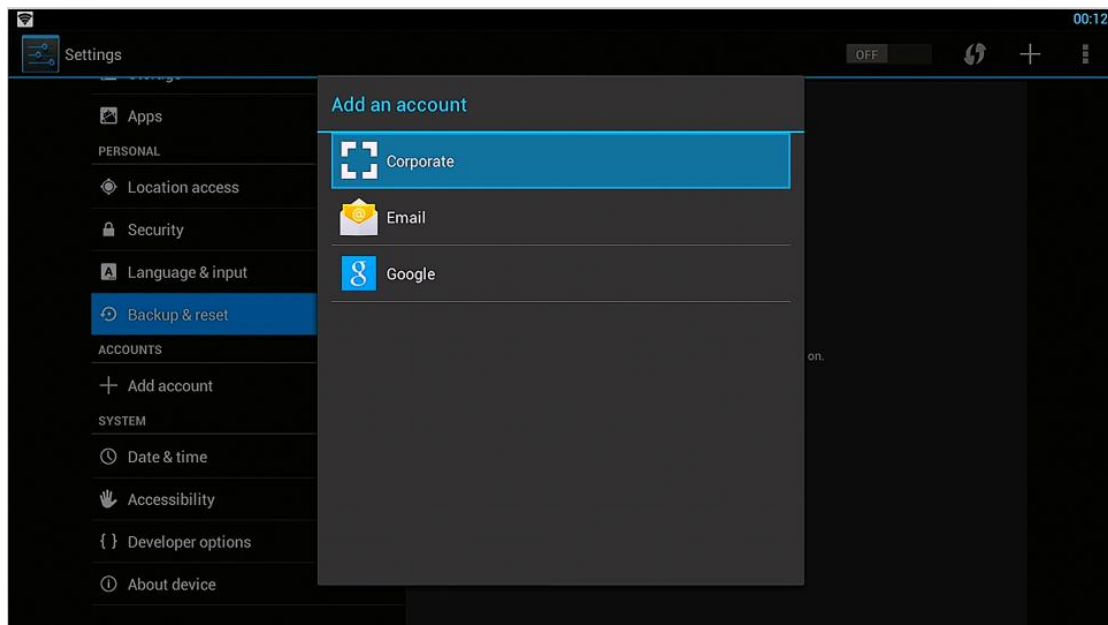You can backup your application data, WiFi password and other settings.

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.

3.13 Add account

3.14 Date & Time

Set date, time, time zone and time format
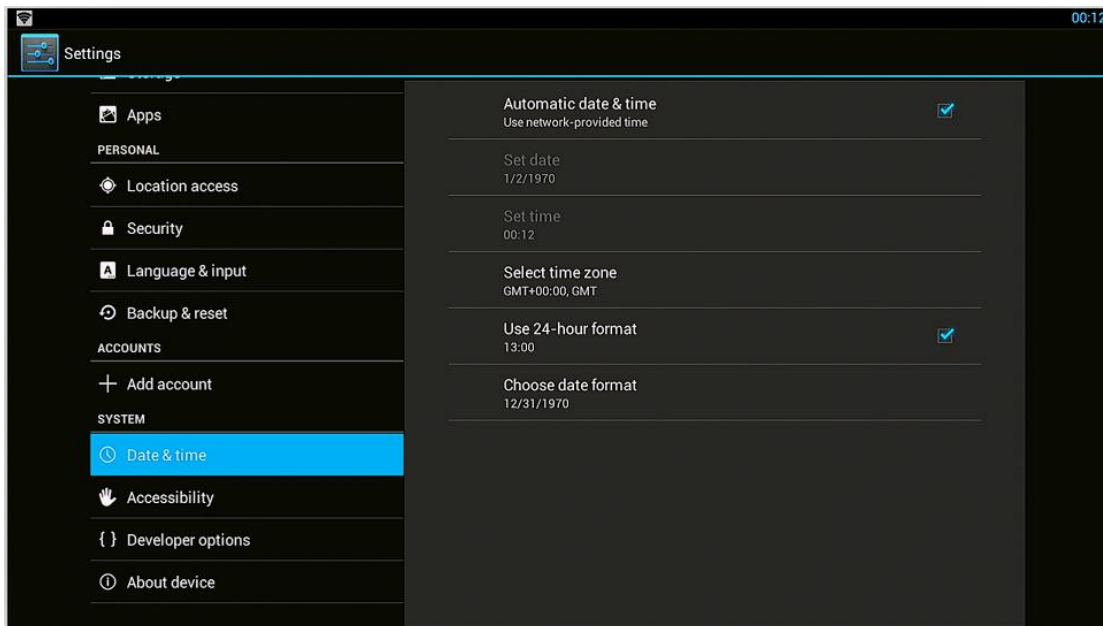
3.15 Accessibility
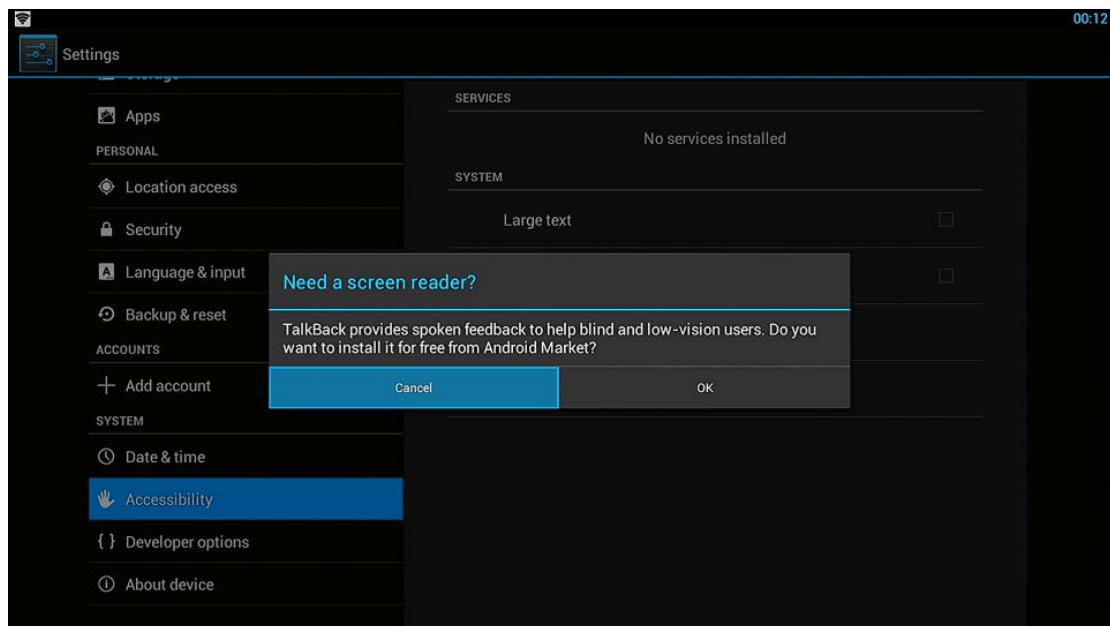
3.16 Developer options
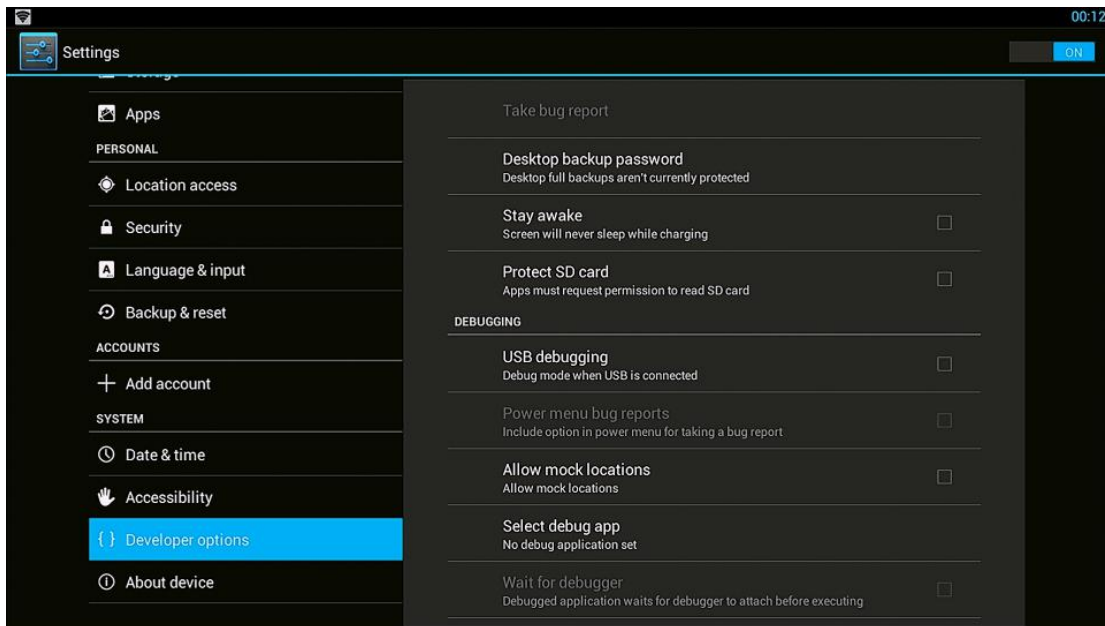
If user want to do some debugging on box by ADB, enable USB debugging, you will get ADB function by Ethernet or WiFi network.

3.17 About device.

Firmware version under build number.
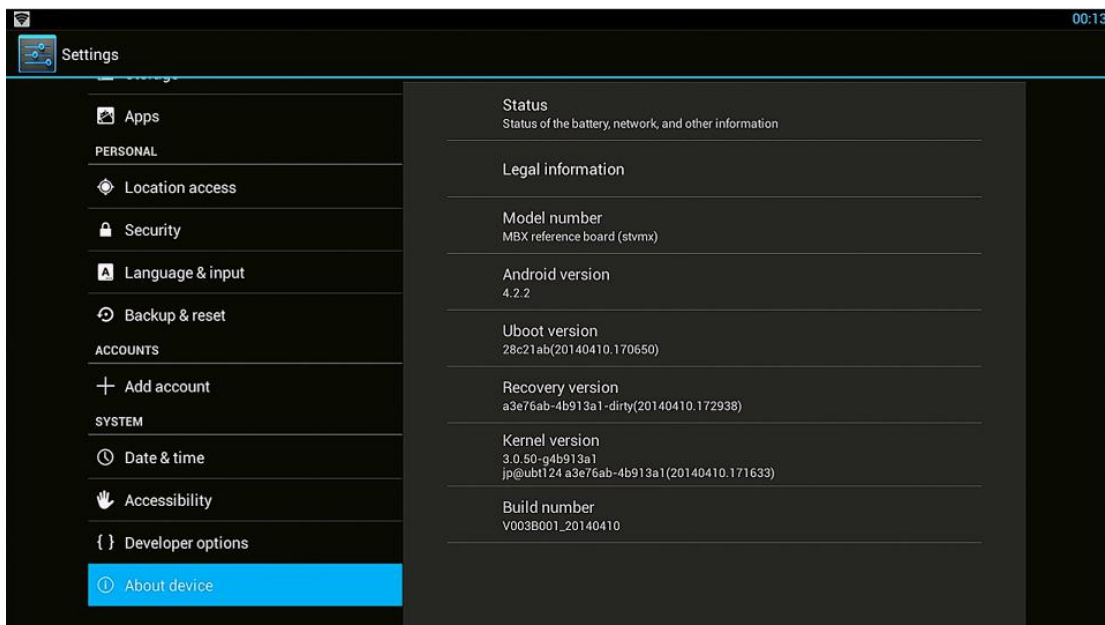
4. Apps Install & Uninstall

On ATV1600, 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 ATV1600.
You also can manage apps on ATV1600 and SD card, install/uninstall apps, stop running apps, or select other options.

5. Firmware Update

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

6. Trouble Shooting/FAQ

6.1 No Picture

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

6.2 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.

6.3 Remote Controller cannot respond quickly to the pressing of keys

Make sure that batteries have enough power.

6.4 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.

7. 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 throughly, search for a solution on line at www.geniatech.com, or contact Geniatech Customer Care before seeking to repair your player.

8. Specification

CPU	Dual core ARM CORTEX A9 1.5GHz,3D engine
GPU	Mali 400MP2 @400MHz
RAM	1G DDR3
ROM	4G, built in 2G-32G Flash memory(optional)
OS	Android 4.2 OS

Optional	CEC

USB	4×external USB HOST and 1×Micro USB
DC Input	12V-1.5A
SD Slot	Max: 32G
Video Output	HDMI/CVBS/YPbPr
Audio Output	HDMI/RCA/Coaxial/Optical

IR receiver

LAN	RJ45 10/100M Ethernet interface
WiFi	IEEE 802.1 1B/G/N Dual Band 2.4G/5.8G, wireless Internet access
Bluetooth	BT4.0

Audio Decoder	MPEG	MP1, MP2, MP3
	WMA	WMA Ver: 4, 4.1, 7, 8, 9 WMA Pro
	Others	WAV, OGG, OGA, FLAC, ALAC, Ape, AAC, M4A, AC3,DTS,RM
Video Decoder	Max. Performance:1920x1080p @ 30fps	
	MPEG	DAT, MPEG, MPG, MPE
	MPEG2	MPEG, MPE, MPG, M2V, ISD, TS, VOB
	MPEG4	AVI, MOV, MP4, MKV, 3GP, 3GPP, FLC
	Divx	Divx 3, 4, 5(AVI)，Xvid(AVI)
	H.264	AVI, MOV, MP4, MKV, TS, M2TS, M3TS, M4TS, M5TS, MTS, M4V, FLV
	H.263	AVI, FLV, 3GP, 3GPP, MOV, MP4, 3G2
	VC1	AVI, TS
	WMV	WMV, AVI
Image	Memory limitation, 8000x8000 pixels	
Movie Subtitle	Font Sub-title	ASS, SMI, SRT, SSA , TXT
	Image Sub-title	idx/sub
Storage System	FAT16, FAT32, EXT2, EXT3, NTFS	

Size	161 X 131X 39mm
Net Weight	450g

9. Trademark Notice

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