



Android Box

ANDRIOD TV QUAD CORE BOX

ATV598MAX

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, P3-4

1.1 Warning, P3

1.2 Precautions, P3-4

1.3 Handling Cautions, P4

2. Introduction,	<i>P5-15</i>
2.1 Package Contents,	<i>P5</i>
2.2 Product Features,	<i>P5</i>
2.3 Panel Introduction,	<i>P6</i>
2.4 Remote Controller,	<i>P7</i>
2.5 Setup Connection,	<i>P8</i>
2.6 Display when Power Up,	<i>P8-15</i>
3. Settings,	<i>P15-21</i>
3.1 WiFi,	<i>P16</i>
3.2 Bluetooth,	<i>P16</i>
3.3 Ethernet,	<i>P17</i>
3.4 Sound,	<i>P18</i>
3.4.1 System Sound,	<i>P18</i>
3.4.2 Surround Sound,	<i>P18</i>
3.5 Display,	<i>P19</i>
3.6 Storage & reset,	<i>P18-19</i>
3.7 Apps,	<i>P19</i>
3.8 Security & resolution,	<i>P20</i>
3.9 Language & input,	<i>P20</i>
3.10 About device,	<i>P21</i>
4.DTV Player,	<i>P21-27</i>
4.1 Scan for TV Channels,	<i>P21-23</i>
4.2 DTV Functions,	<i>P23-24</i>
4.3 DTV Player settings,	<i>P24-27</i>
5. Apps Install & Uninstall,	<i>P27</i>
6. Firmware Update,	<i>P27</i>
7. Trouble Shooting/FAQ,	<i>P27</i>
8. Repairs,	<i>P28</i>
9. Specification,	<i>P29</i>
10. Trademark Notice,	<i>P30</i>

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 Box - ATV598MAX black

User's Guide

HDMI Cable

BT Remote Controller

Optional Remote Controller

2.4G wireless Remote Controller

USB wire/wireless Mouse & Keyboard

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

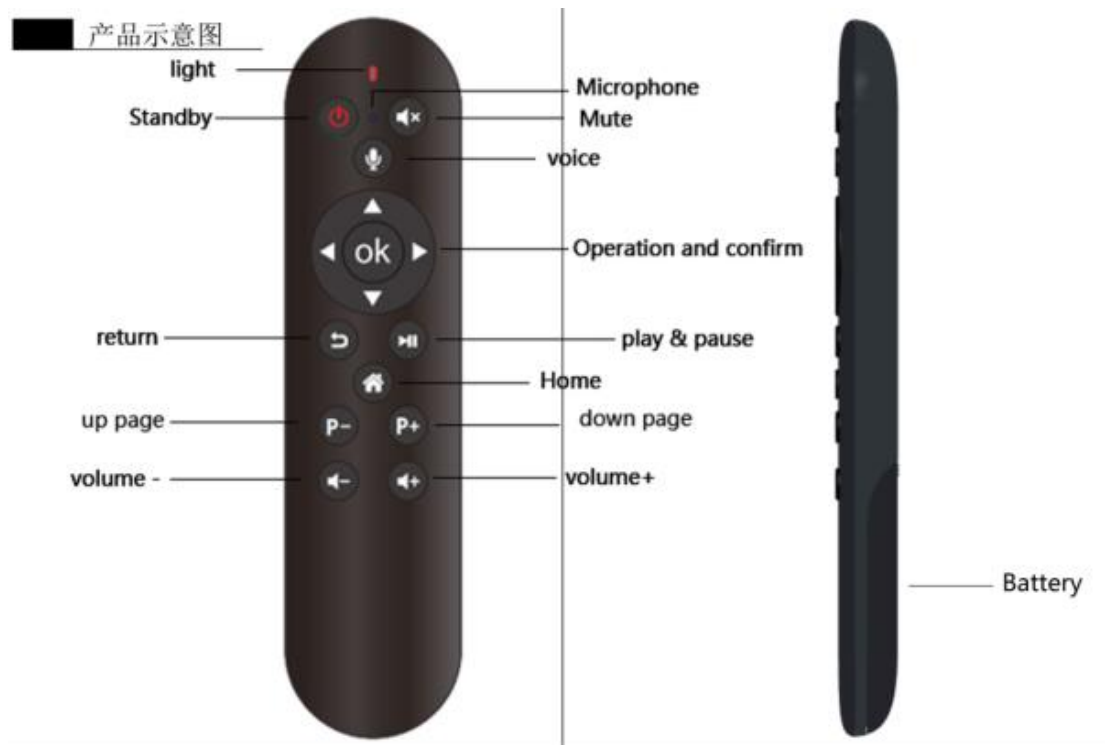
2.2 Product Features

- Quad Core CPU, Penta GPU ,frequency is 2.0GHz, RAM is 2G (1G optional), built in 16G EMMC. Powered by Android 7.1 OS
- With Digital TV Tuner built-in ATSC/DVB-T2/DVB-C/DVB-ISDBT/DVB-S2
- Built in browser and support virtual private network access
- RJ45 10/100M Ethernet interface
- Support 4k2k video local media playback from SD card or USB HDD
- Built in 802.11b/g/n AC WIFI module with antenna inside, WiFi frequency range is 2.4G&5.8G
- RJ45:Wired internet connection
- HDMI video output, connect to HDTV for HD video playback
- 2 external USB interface , support mobile HDD, support mouse and keyboard operating
- Support weather, calendar, and desktop clock gadgets
- Support USB mouse and keyboard operation
- Support simple BT remote control with mouse function
- Support music player, picture player and more family entertainment
- Support Micro SD card
- Support Google Chrome browser
- App Installer for application installation from Google Play Store

2.3 Panel Introduction



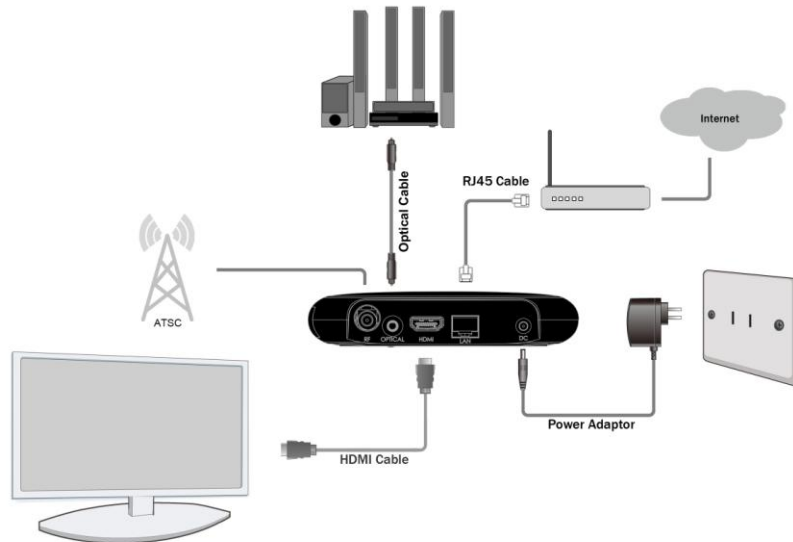
2.4 Remote Controller



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

2.5 Setup Connection

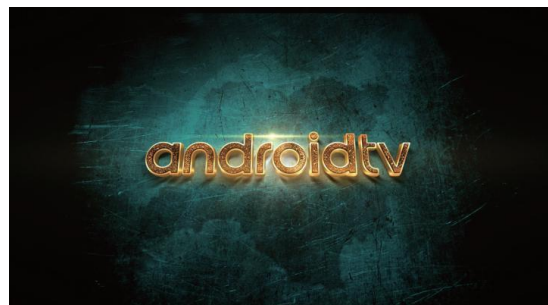
Place ATV598MAX on a flat platform near the TV, and make sure nothing block the remote control signal.



2.6 Display when Power Up

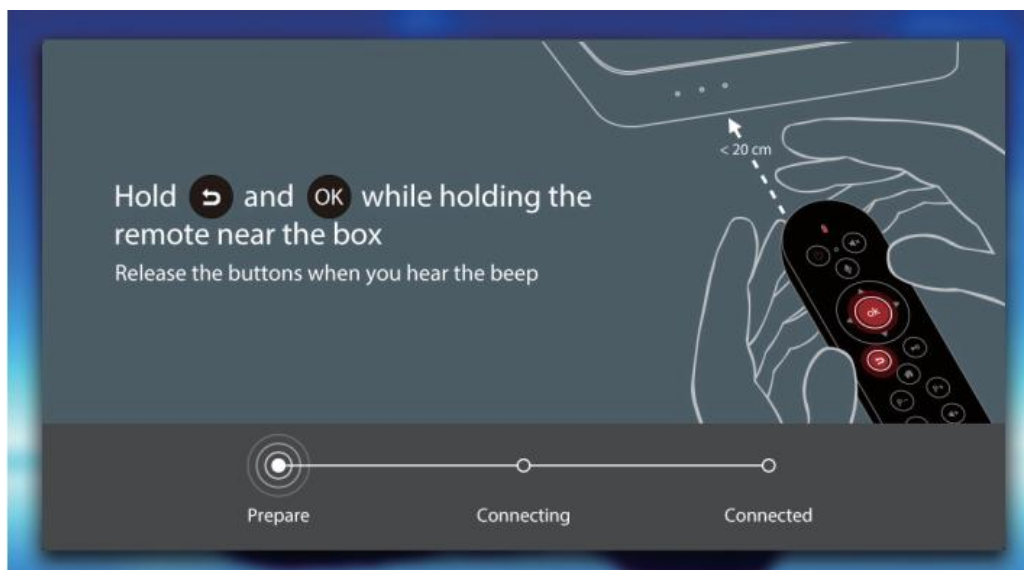
2.6.1 After power up

The TV will first show Geniatech logo, starting with Enjoy TV boot animation. When finished, it will go to Home screen.



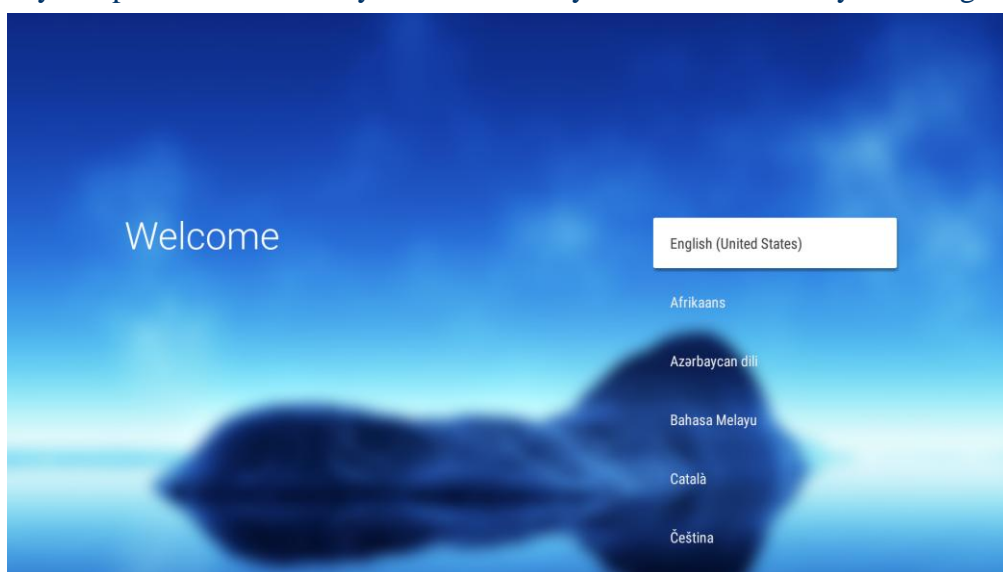
2.6.2 Pair Bluetooth remote controller

After boot up, you will need to pair the Bluetooth remote controller. Please follow the on screen instruction to pair the remote controller.



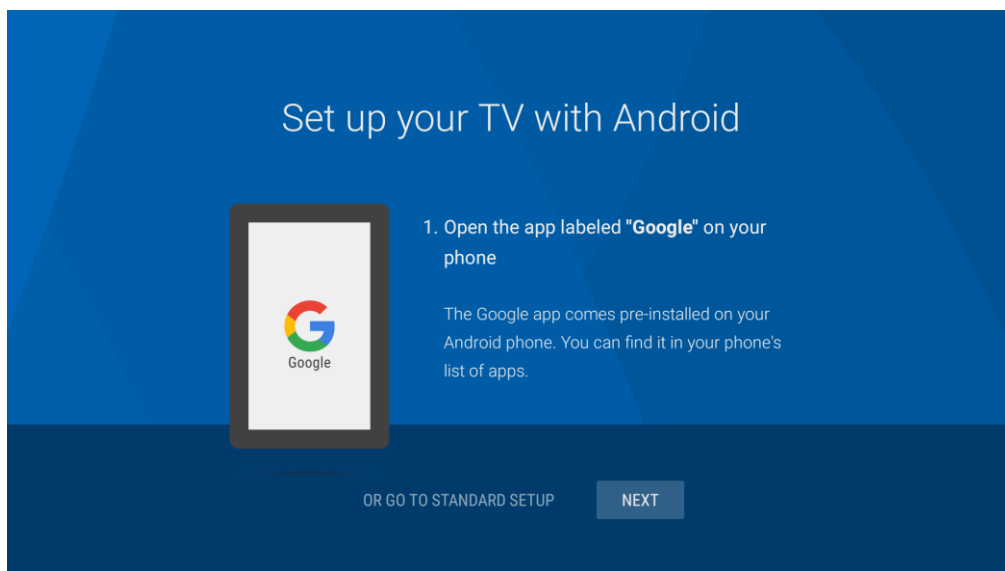
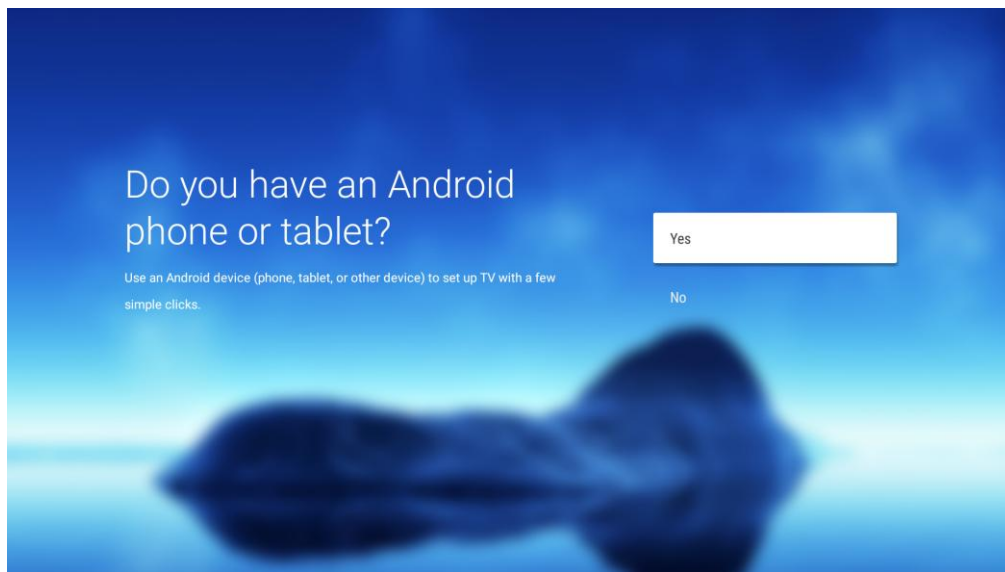
2.6.3 Setup Wizard - System Language

For first time usage, you will enter the setup wizard. Setup wizard will help you quickly setup ATV598Max for you to use. First you should select a system language.



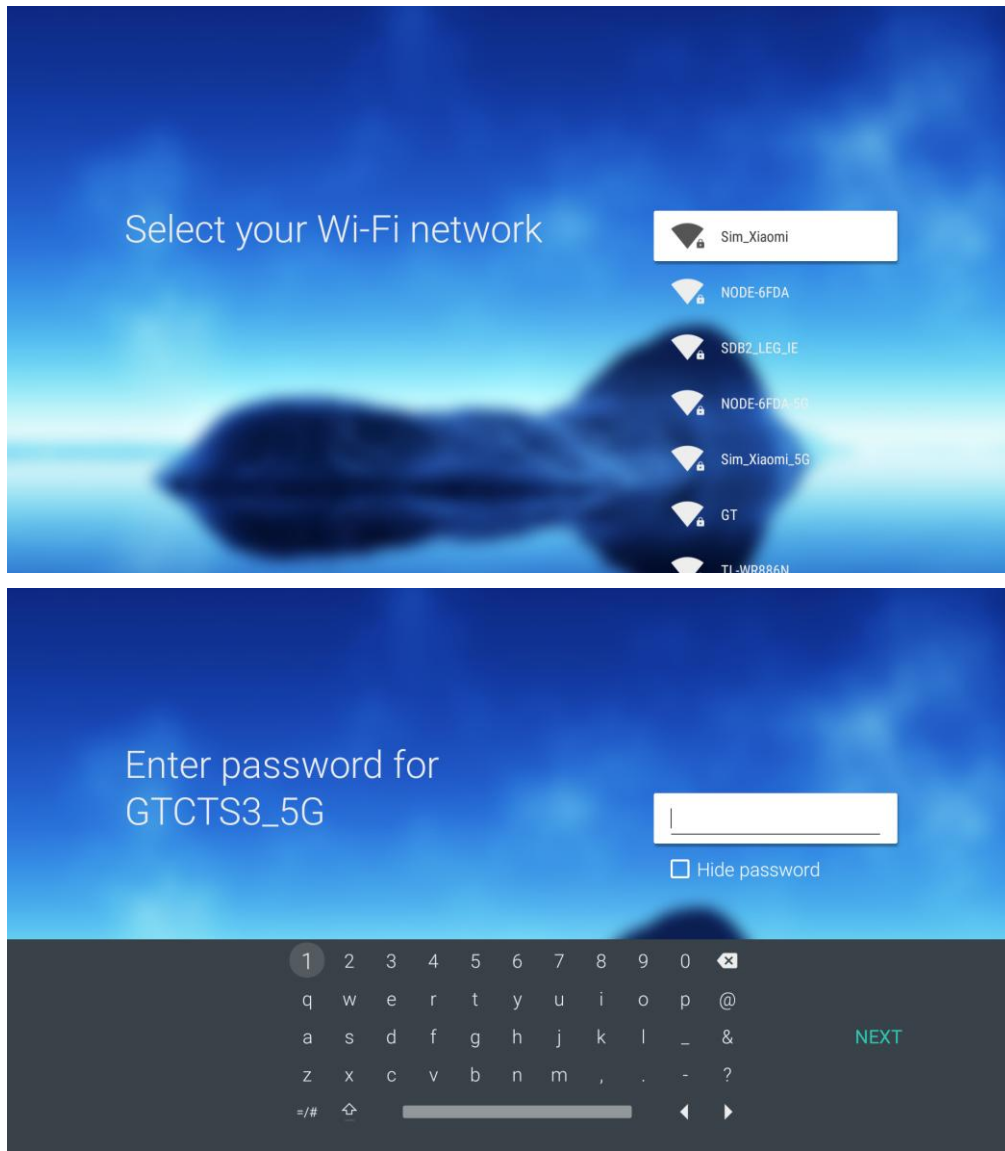
2.6.4 Setup Wizard - Setup with Android phone or tablet

You can easily setup ATV598Max if you have an Android phone or tablet, or you can select No to continue the setup.



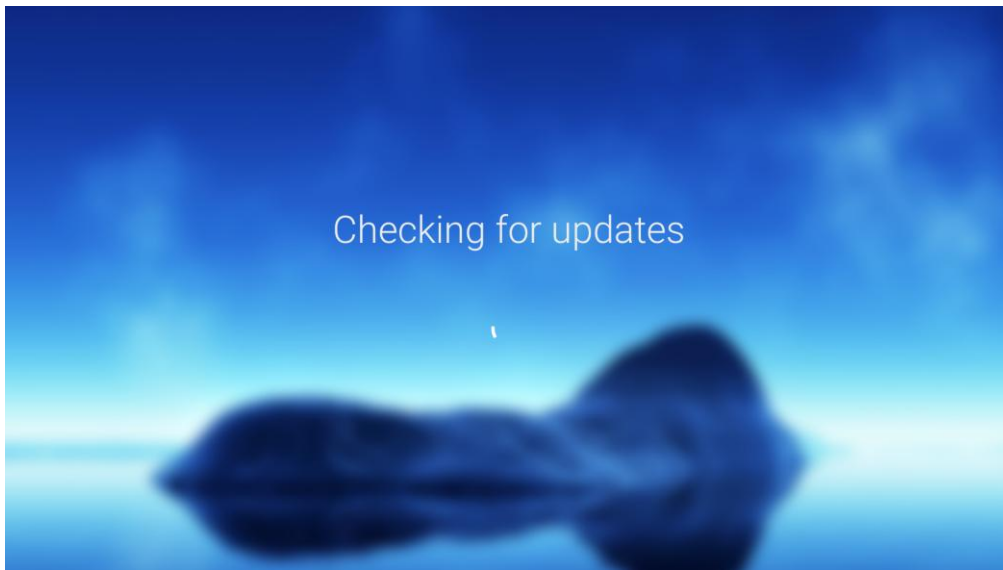
2.6.5 Setup Wizard - Wi-Fi Setup

Here you can connect ATV598Max to your home Wi-Fi router. If your home Wi-Fi router requires password, you will need to enter the correct password.



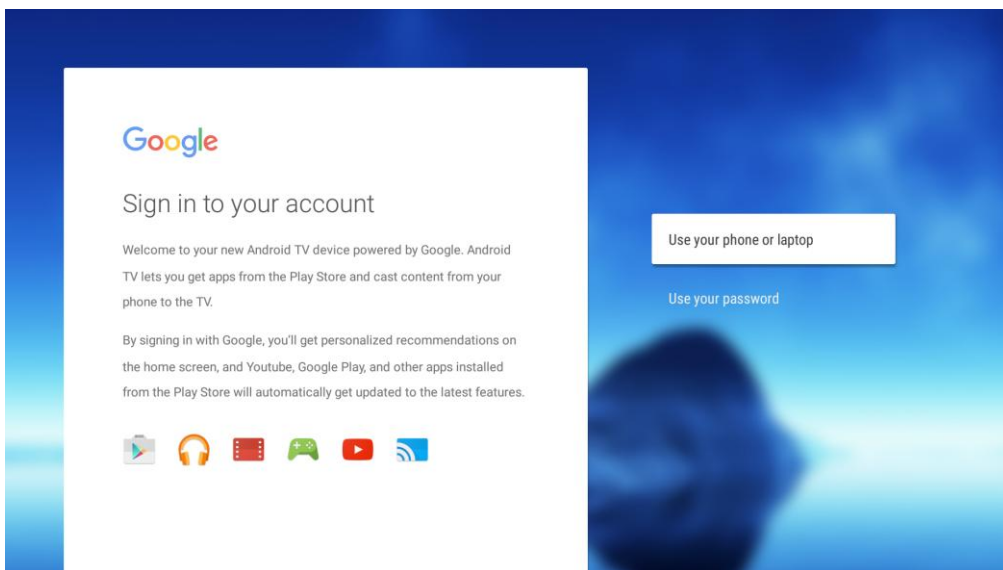
2.6.6 Setup Wizard - Check for updates

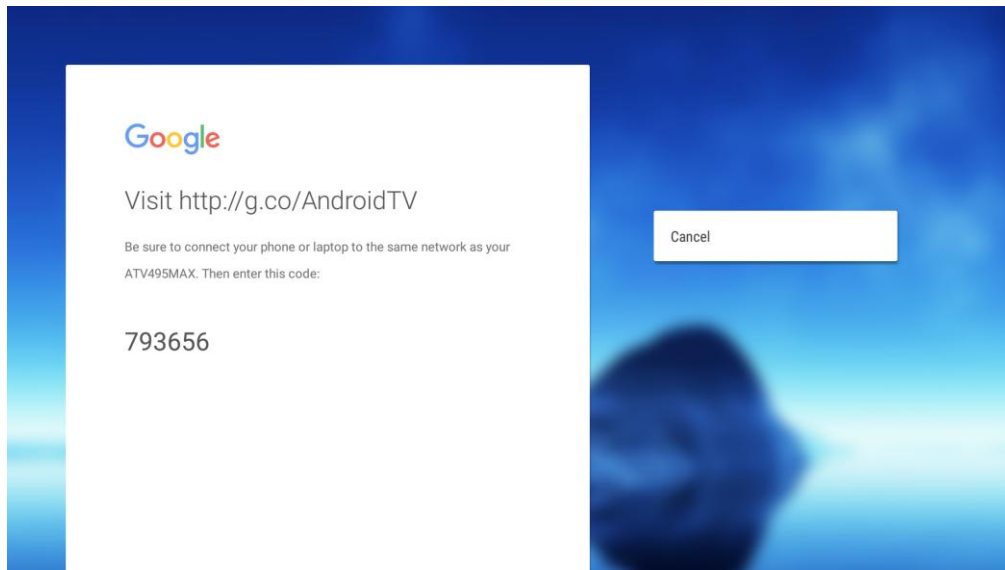
After connected to the network, ATV598Max will connect to the internet and check to see if there is update available. If update is available, ATV598Max will prompt you to update.



2.6.7 Setup Wizard – Google account

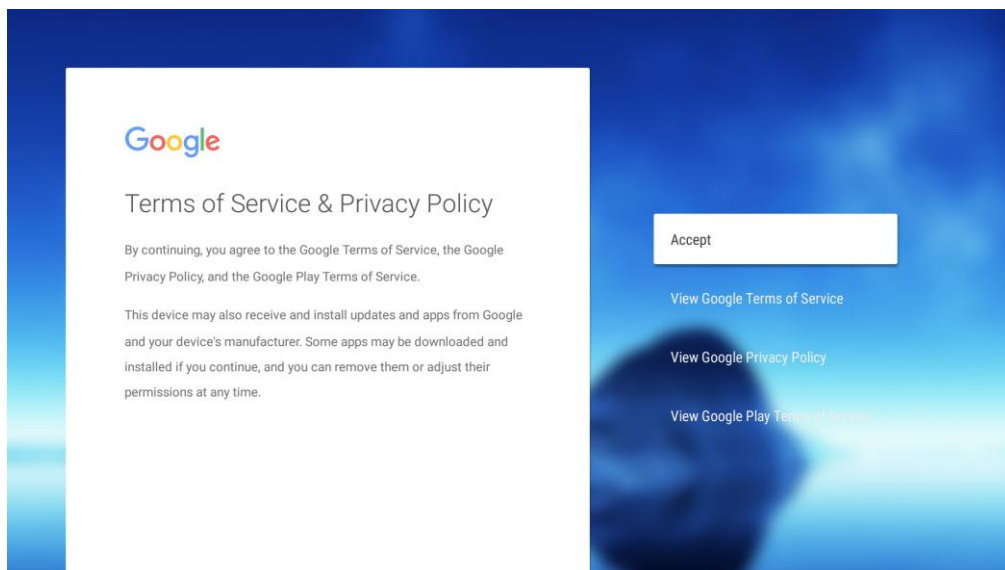
Here you will be asked to login your Google account, you can use your phone or enter your email address & password to login.





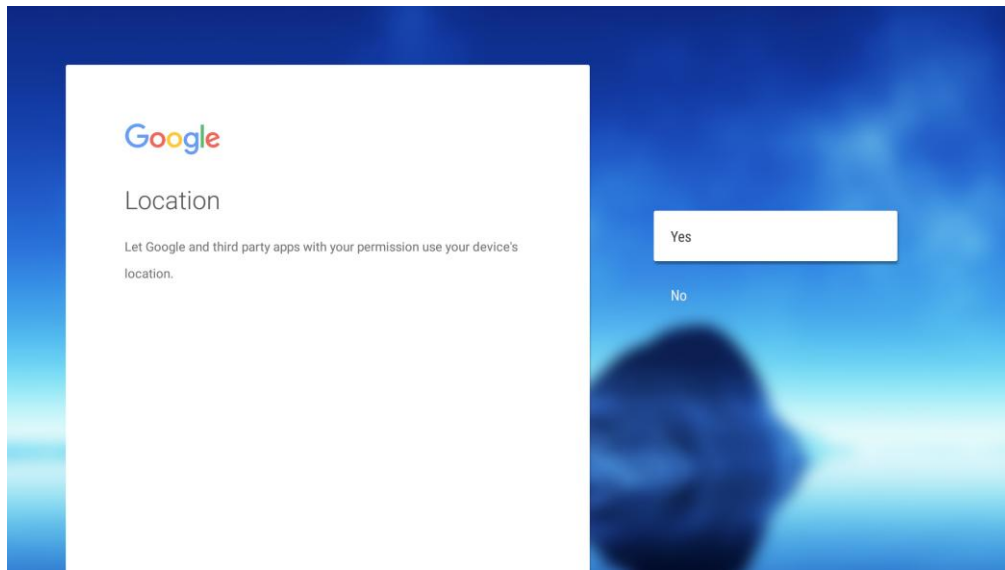
2.6.8 Setup Wizard -Terms of Service

To continue, you will need to agree to the Google Terms of Service and Privacy Policy. You can view the detail terms by selecting the corresponding terms.



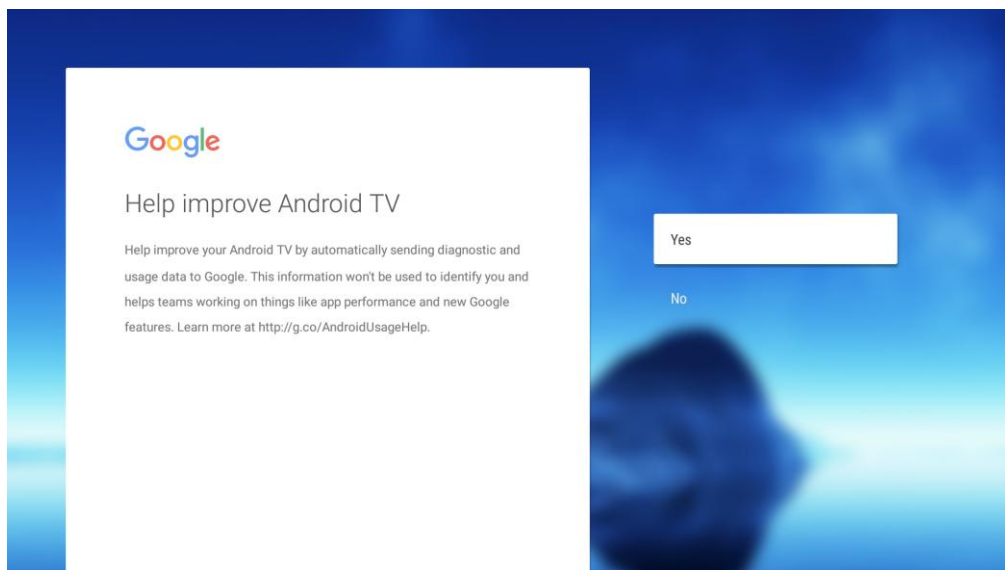
2.6.9 Setup Wizard – Share Location

You can select Yes or No to let Google and third party apps to use your location or not.

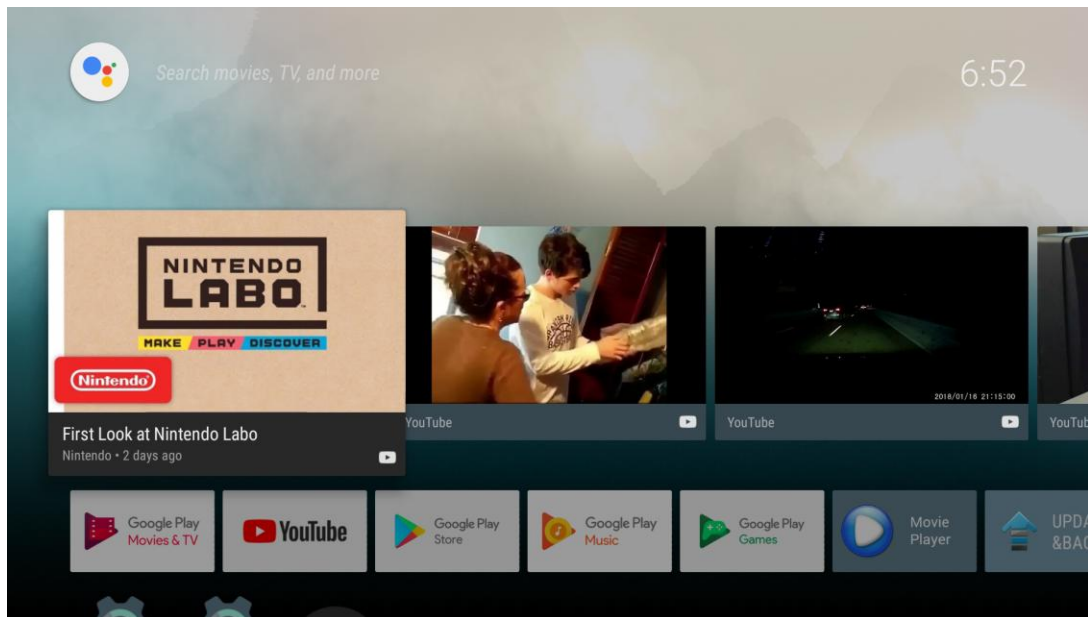


2.6.10 Setup Wizard – Help improve Android TV

You can select Yes or No to let Google to collect usage data from ATV598Max.



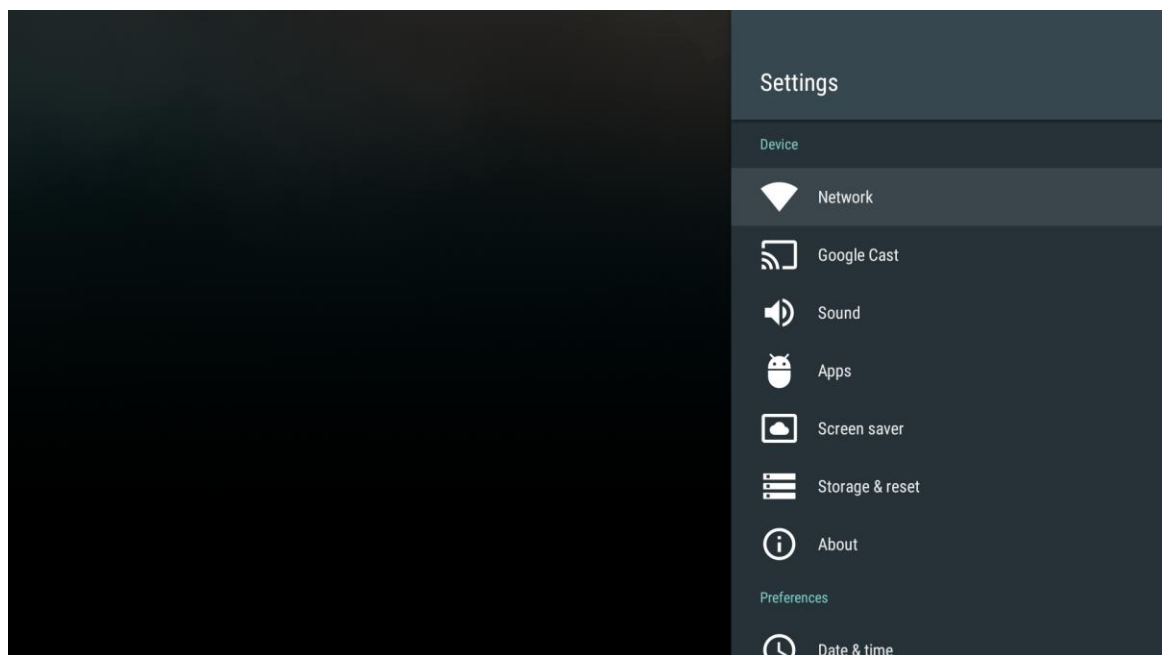
2.6.11 Home Screen display.



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 to settings interface.



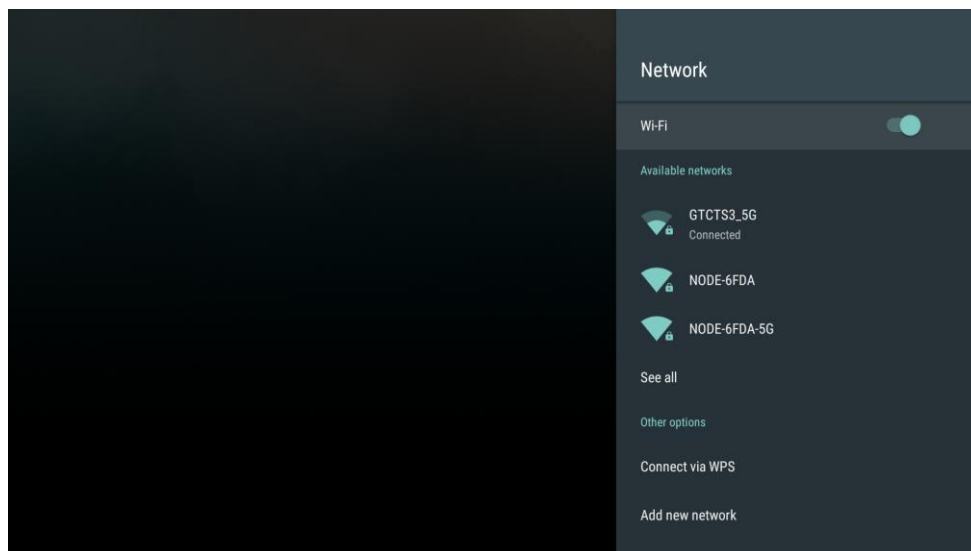
3.1 WiFi

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

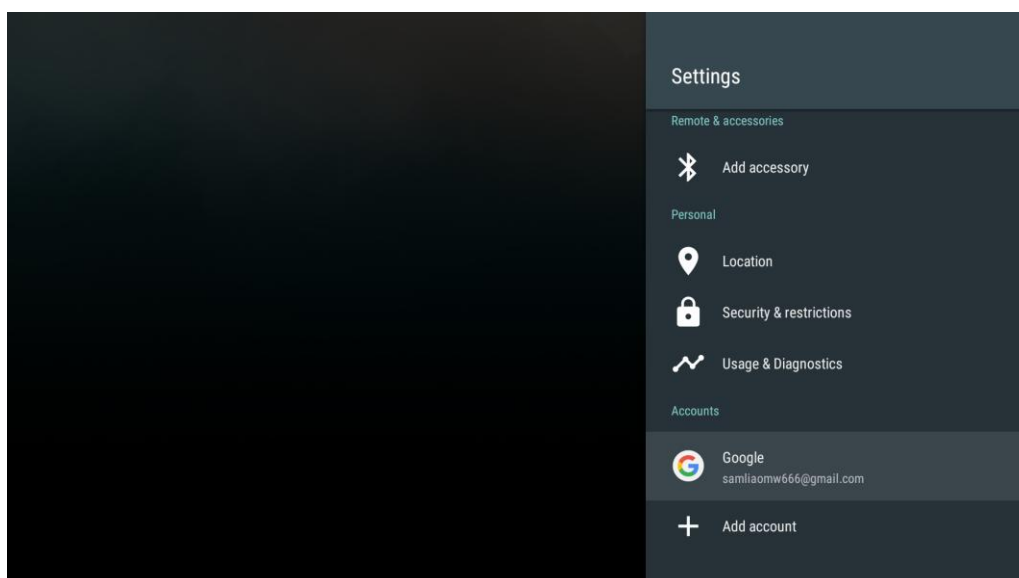
3.1.2 Connect an available WiFi network. If connect a secured WiFi network, corresponding password will be input firstly. Or fail to connect and need reset password.

3.1.3 Once build up the connection with a certain WiFi network successfully, ATV598MAX will connect this WiFi network automatically when restart.

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



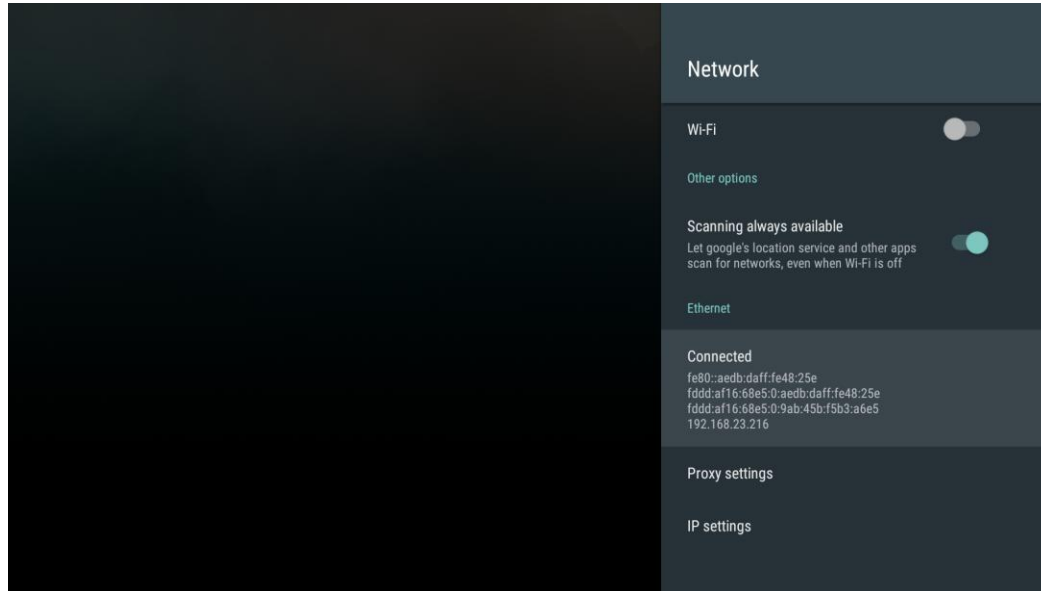
3.2 Bluetooth



3.3 Ethernet

Connect Box and Router by RJ45 network cable.

Press “ OFF” in WiFi setting, it will connect to network automatically.



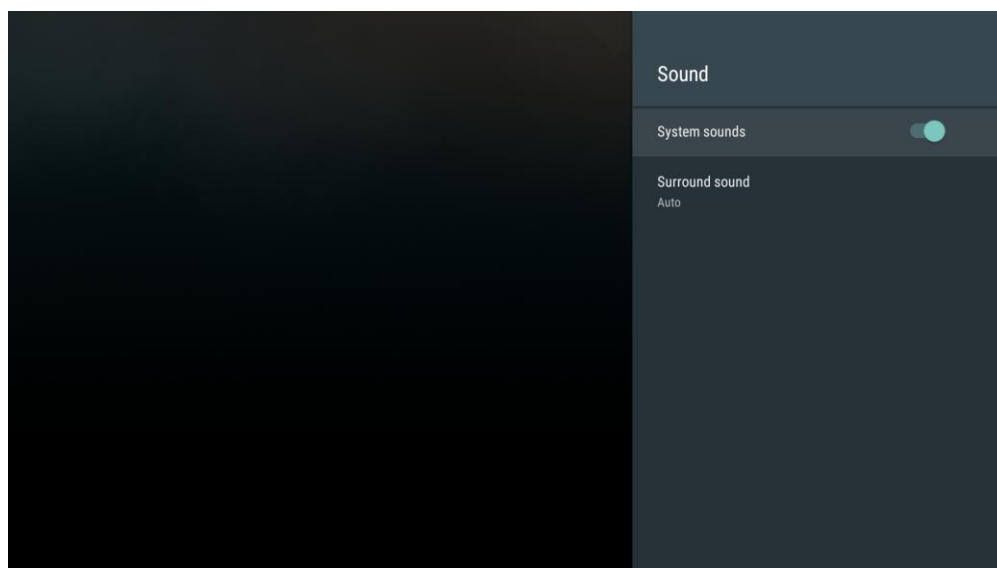
3.4 Sound

3.4.1 System Sound

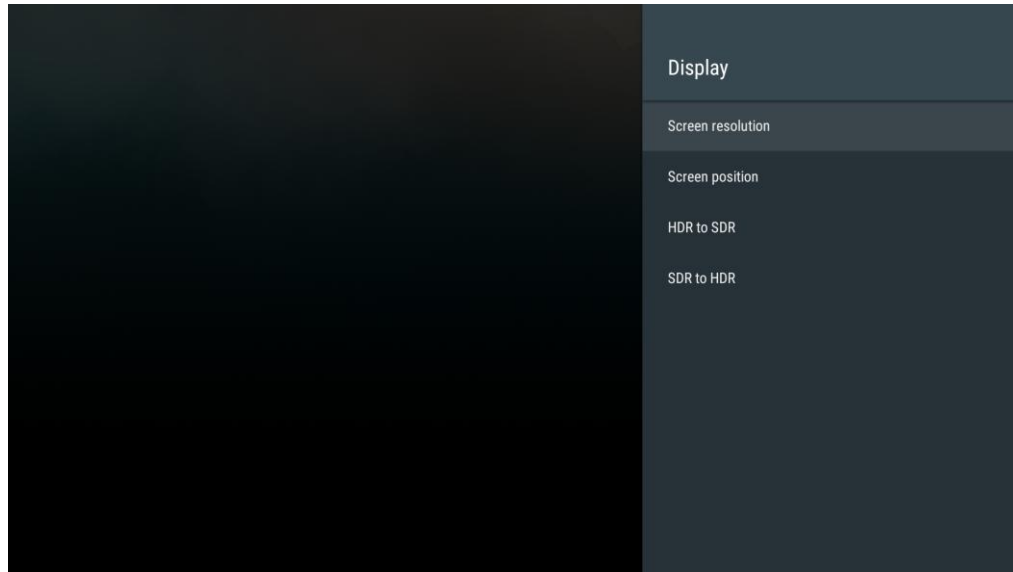
Turn on or off system sounds.

3.4.2 Surround Sounds

You can setup Surround sound to auto, on or off.



3.5 Display



3.5.1 Screen resolution

You can select different screen resolution here, by default it is set to auto switch to best resolution for your TV. You can also setup different color space and turn on or off Dolby Vision function.

3.5.2 Screen position

Here you can change the scaling of the screen, different TV has different scaling, you can use Zoom in/out to make the screen fit for your TV.

3.5.3 HDR to SDR

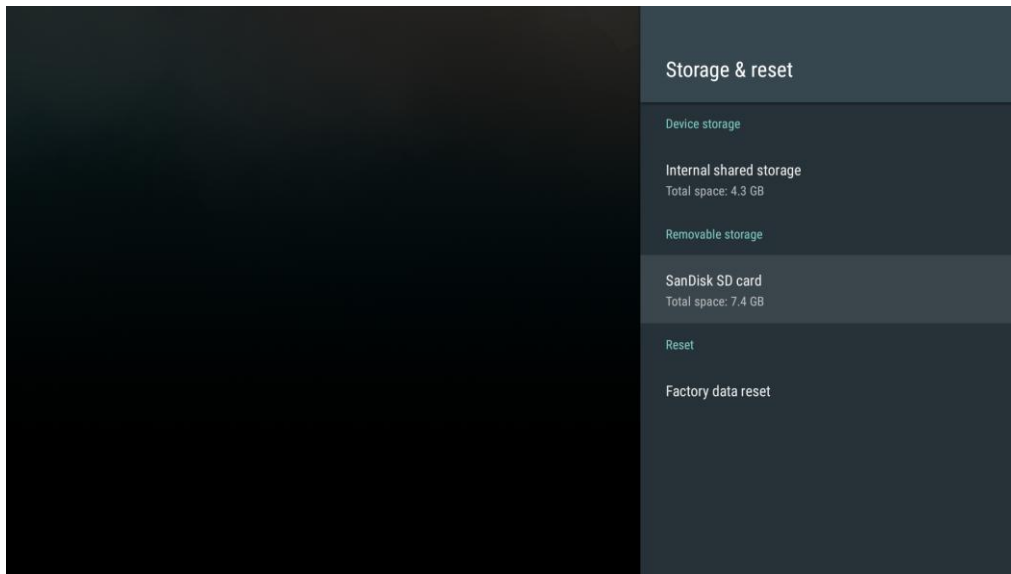
By default this is turn to Auto. You can also turn this option to on or off.

3.5.4 SDR to HDR

By default this is turn off.

3.6 Storage & reset

Here will display the storage space of internal storage, connected removable storage. You can also do a factory data rest here.



3.6.1 Factory data reset

This will erase all data from your ATV598Max's internal storage, including:

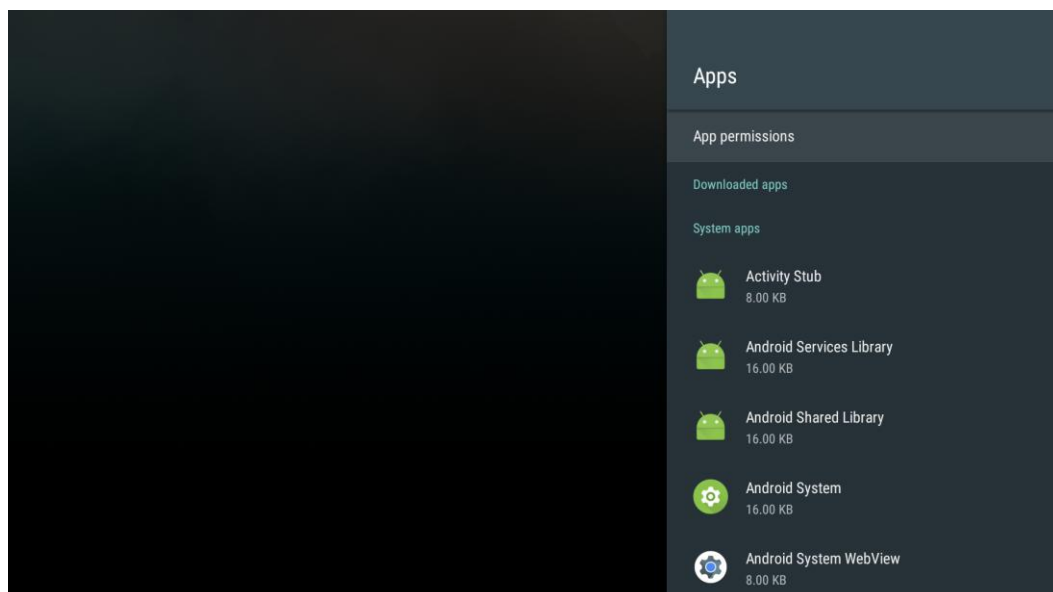
- Your Google account
- System and app data and settings
- Downloaded apps
- Music\Photos
- Other user data

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

Note: Once you choose to reset to factory default, all data/apps will be deleted.

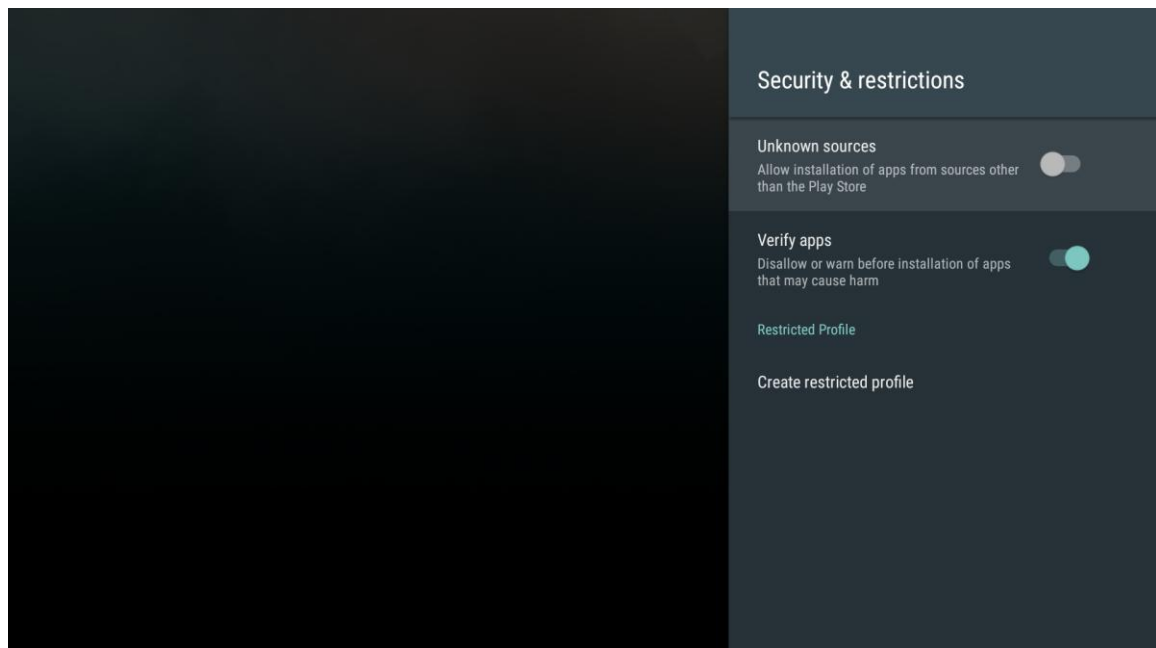
3.7 Apps

List all apps installed.

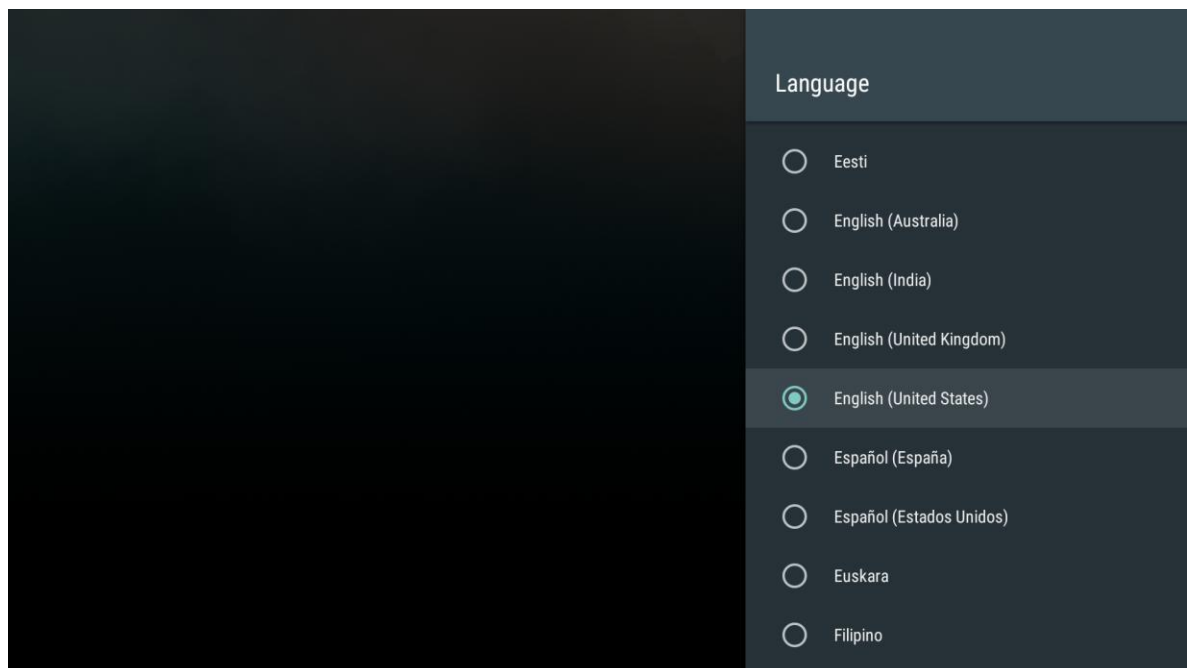


You can choose an application and force to shut down the app, uninstall the app, clear user data, move to SD card and clear cache data.

3.8 Security & restrictions



3.9 Language & input

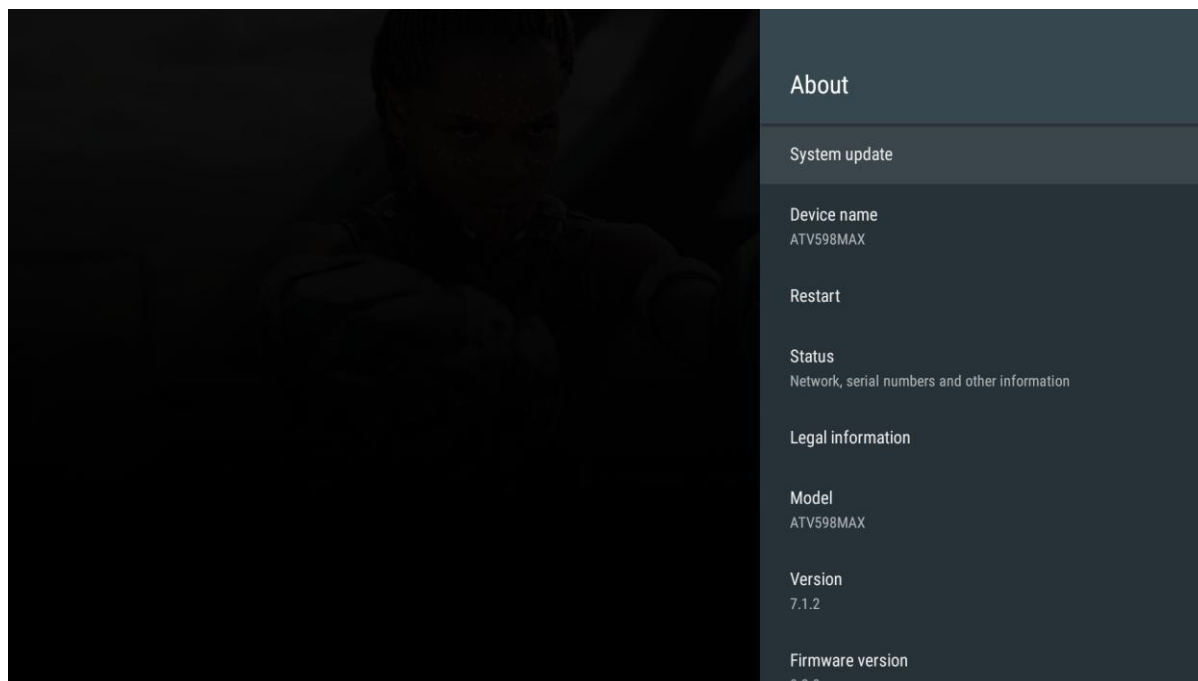


Change OSD language and input method.

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.

3.10 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 can select the DTV Player from APPS.



First Select Login Online EPG or Skip intoAuto SEARCH Window, and in the Area section, select your country.

Login Online EPG

Email address

Password

Login


Register

Skip


Scan TV Channels

Select Area


«




U.S.,ATSC
Cable
Standard



U.S.,ATSC
Cable HRC



U.S.,ATSC
Cable IRC



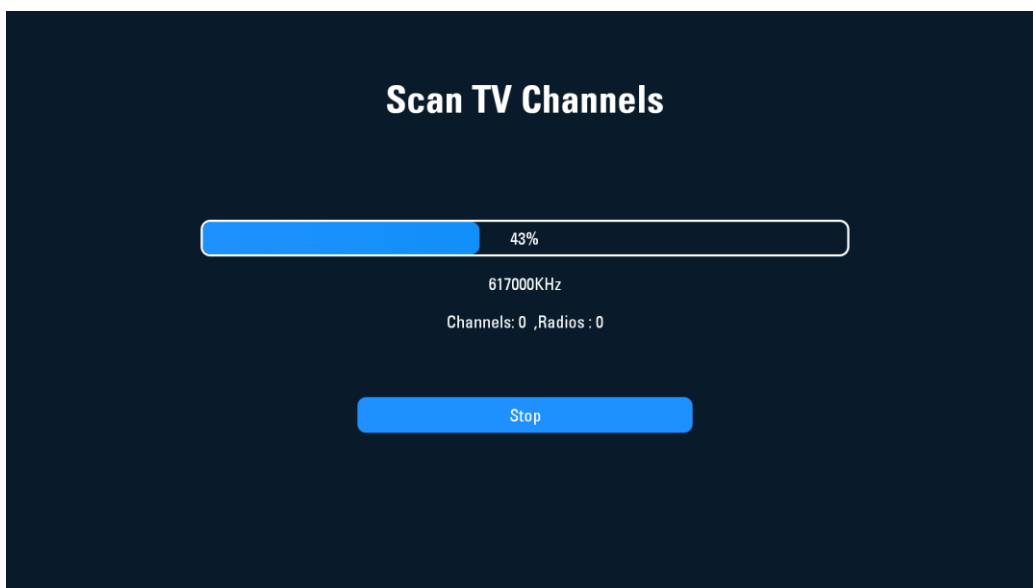
U.S.,ATSC
Air

»

4.1.1. Auto Scan TV Channels

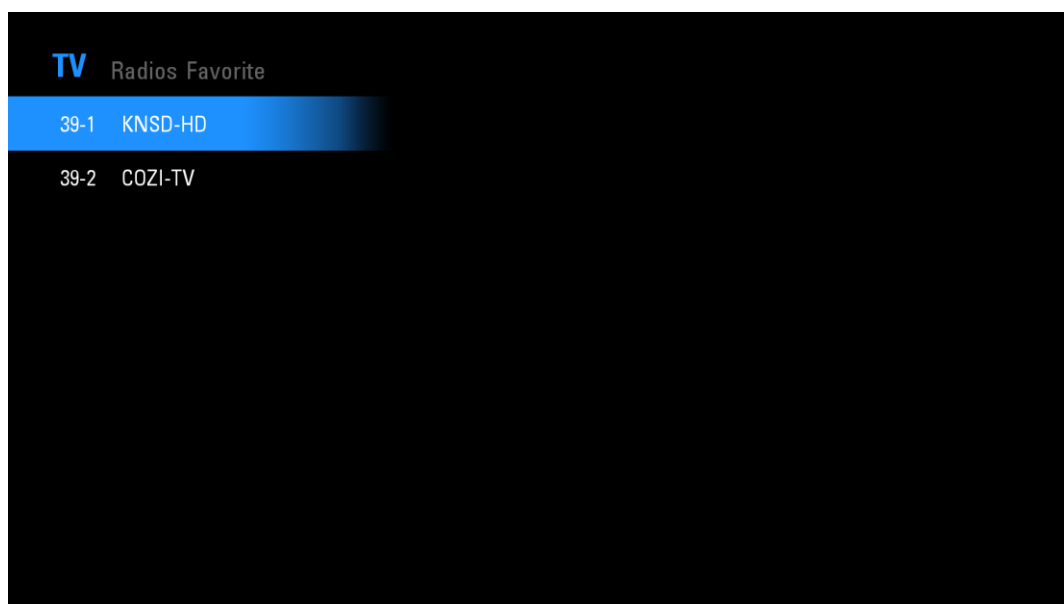
After you have chosen the correct Area, you can Auto Scan to start scanning for channels.

ATV598MAX 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.

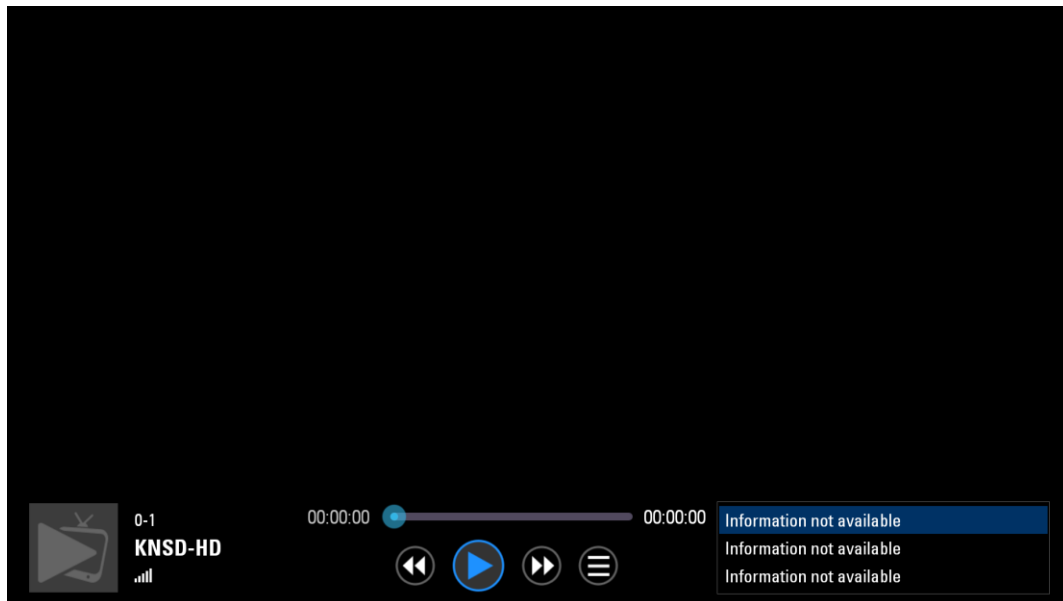


4.2. DTV Functions

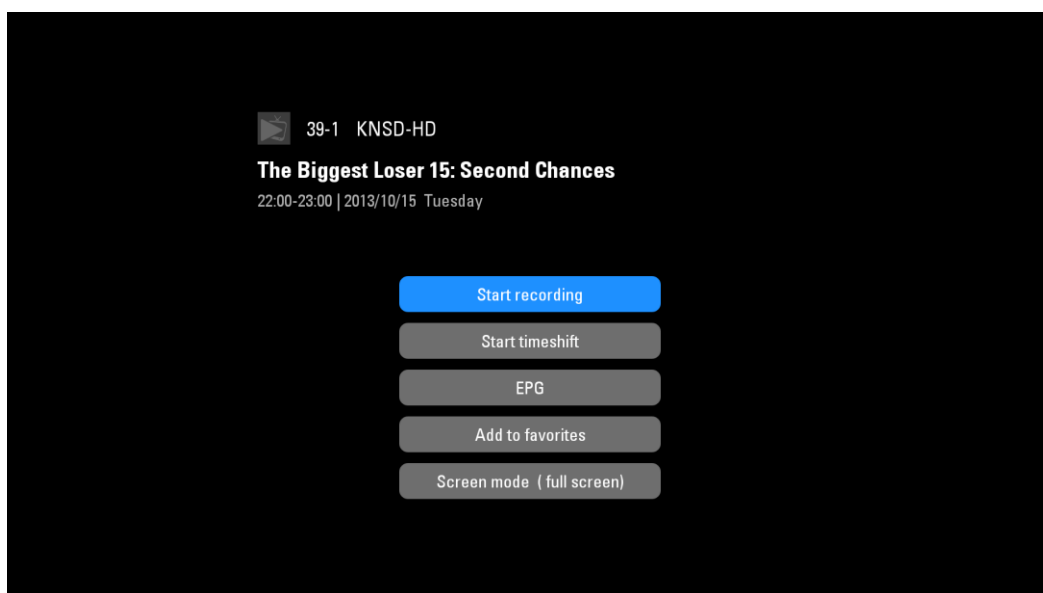
You can press the Left button to bring up the channel list, in there you can press more Left button select TV channels, Radio channels or your favorite channels.



You can press OK button to bring up the TV sub menu, from the menu you can see the TV information.



You can press Right button to bring up the Popup Menu, from the popupmenu you can Easy setup control.

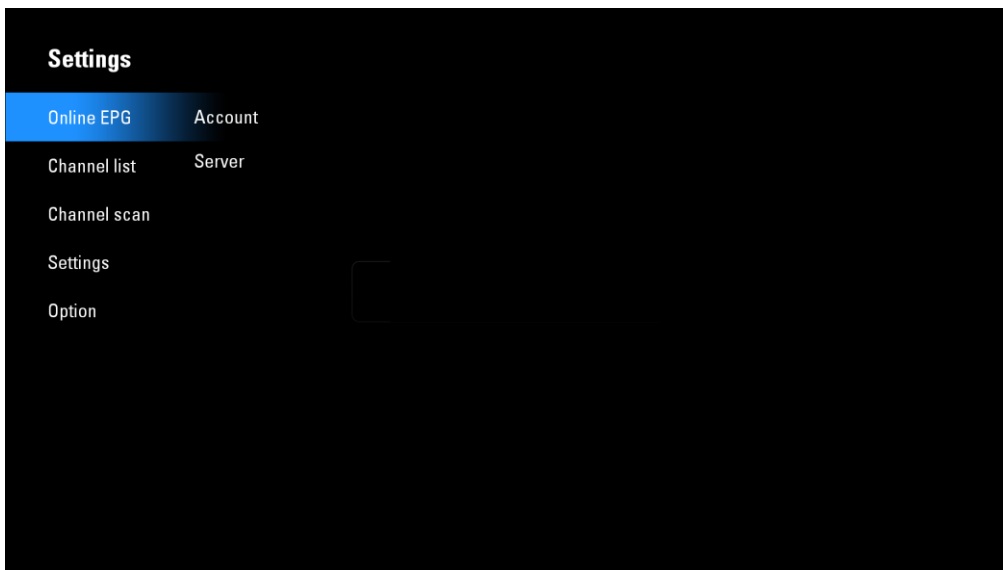


4.3. DTV Player settings

You can press OK button twice to bring up the Settings, from the menu you can try Settings.

4.3.1. Online EPG

In online EPG, you can login the Online EPG Server.



4.3.2.Channel list

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

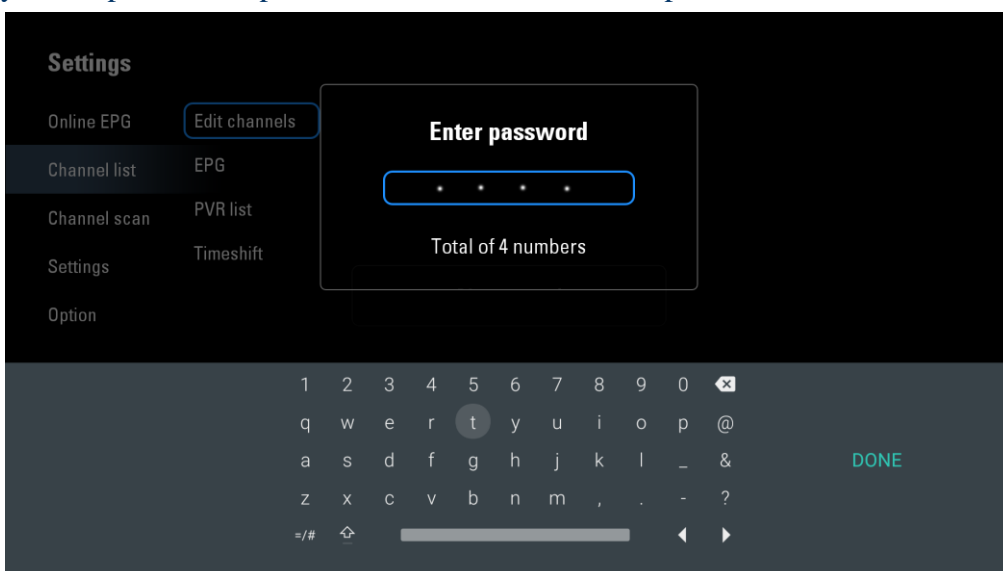
you can select which device to store the recorded files.

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

In PVR list, all recorded files will be list here, you can playback the file, delete the file or format the storage device.

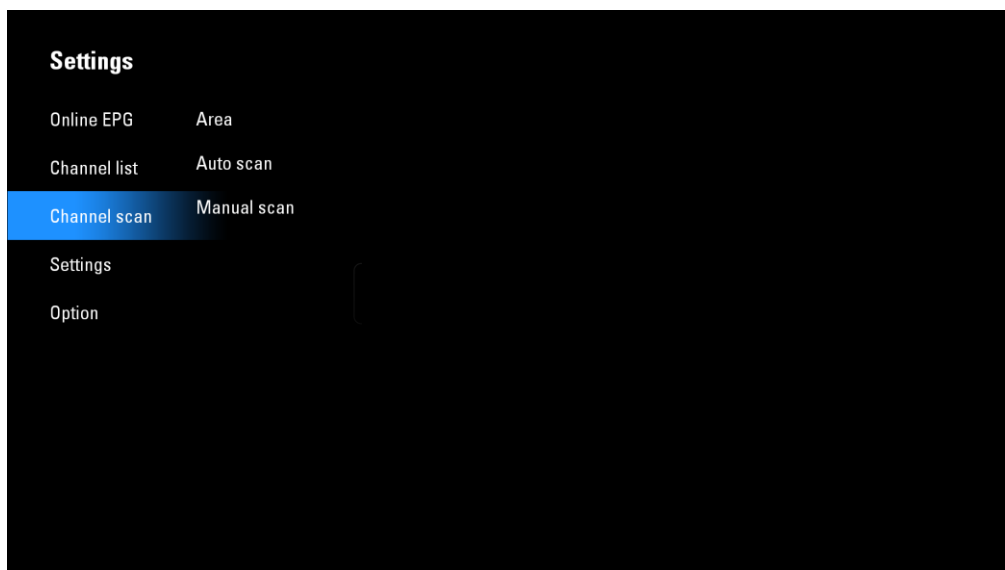
Please take note, all data will be lost if you select to format the storage device.

If you setup channels, please select Edit channels, the password is “0000” .



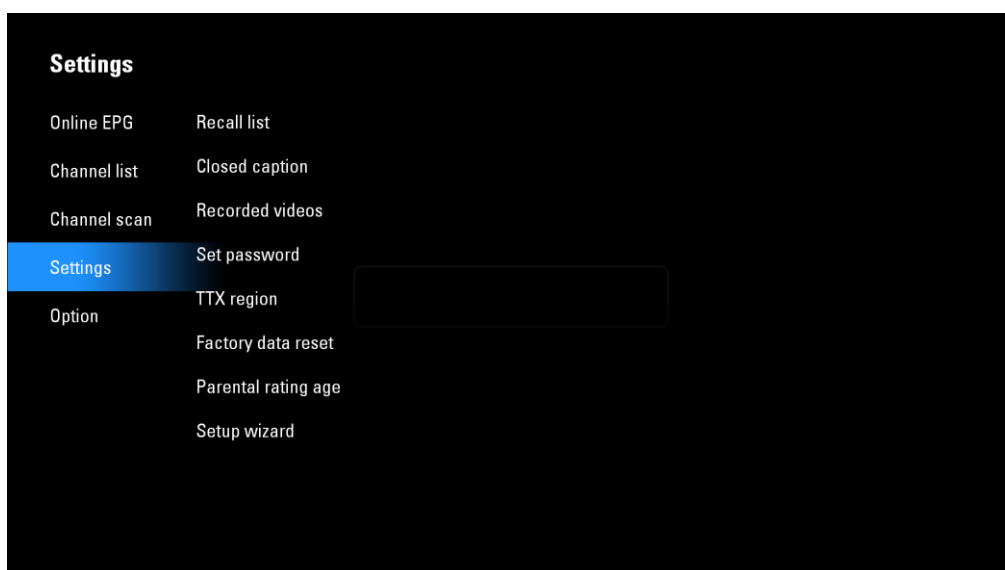
4.3.3. Channel scan

In Channel scan, you can select Auto scan or Manual scan the TV channels, and select the Area.



4.3.4. Settings

Select Settings , you can setting recall list, closed caption, recorded videos, set password,TTX region,factory data reset,parental rating age,setup wizard, setup wizard.



Under Settings menu, there are:

Recall List: Select which recall list to be use

Closed caption:On/off caption

Recorded videos:See the recorded videos list

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

TTX Region: Set the TTX language.

Factory data reset: Reset all settings to factory default, factory data reset the password is "0000".

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

Setup wizard: See the setup wizard

4.3.5. Option

Under Option menu, there are:

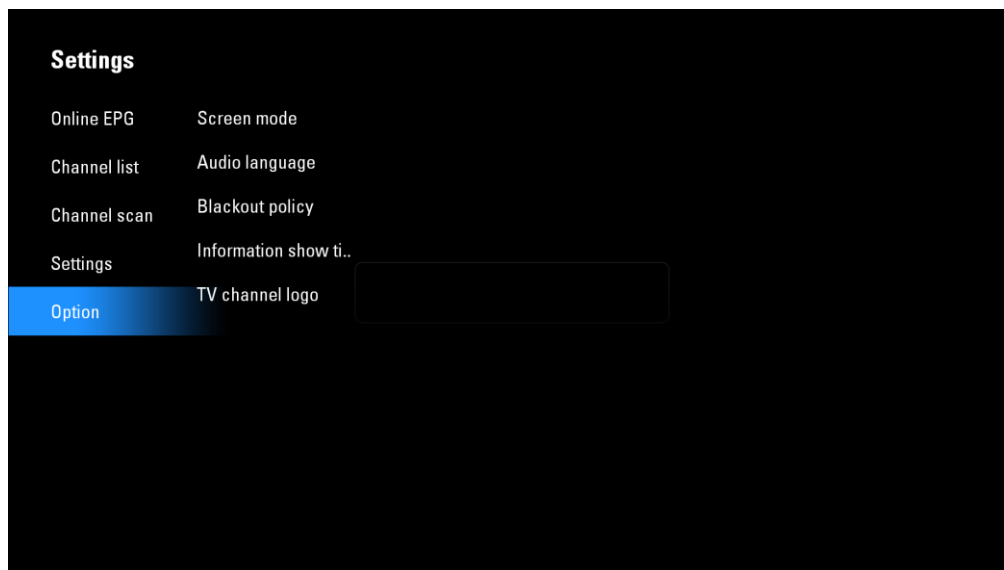
Screen mode: Set the default display size

Audio Language: Set the Audio Language

Blackout Policy: Turns on/off Blackout Policy

Information show time: TV information show time

TV channel logo: Set the TV channel logo display or hide



5. Apps Install & Uninstall

On ATV598MAX, 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 ATV598MAX.

You also can manage apps on ATV598MAX 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-A53 CPU up to @ 2.0GHz
GPU	Penta-core ARM Mali-450 GPU up to 750MHz
RAM	2GB DDR (Optional 1GB DDR)
ROM	built in 16G EMMC
OS	Android 7.1 OS
Optional	DOLBY
USB	USB2.0 x 2
HDMI	V2.0a
DC Input	5.0V-2.0A
SD Slot	Max: 256GB
Video Output	HDMI
Audio Output	HDMI/Optical
RF Input	
(Optional)	75 Ohm Digital TV Antenna Input; Receive Frequency: TV48.25~863.28MHz
IR receiver	IR/BT Remote controller
LAN	75 Ohm Digital TV Antenna Input; Receive Frequency: TV48.25~863.28MHz
WiFi	IEEE 802.11 b/g/n AC 2.4G 5.8G (Optional)
BT	BT 4.0
Audio Decoder	Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1/5.1 down-mixing
Video/Picture Decoder	VP9 Profile-2 up to 4Kx2K@60fps H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps H.264 AVC HP@L5.1 up to 4Kx2K@30fps H.264 MVC up to 1080P @60fps MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496) WMV/VC-1 SP/MP/AP up to 1080P@60fps AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps MPEG-2 MP/HL up to 1080P@60fps (ISO-13818) MPEG-1 MP/HL up to 1080P@60fps (ISO-11172) RealVideo 8/9/10 up to 1080P@60fps Multiple language and multiple format sub-title video support MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918) Supports JPEG thumbnail, scaling, rotation and transition effects Supports *.mkv, *.wmv, *.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats Supports HDR10 and HLG HDR processing

Size	115x114 x 27mm
Net Weight	250g
IR Remote Controller	Optional BT Remote controller
Optional Remote Controller	2.4G wireless Remote Controller with Nano receiver USB wire/wireless Mouse & Keyboard
Power Adapter	AC100 ~ 240V 50/60Hz

10. 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.