



Android TV Box

Model: ATV316MAX

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 - ATV316Max

User's Guide

HDMI Cable

IR Remote Controller

Optional

2.4G wireless Remote Controller

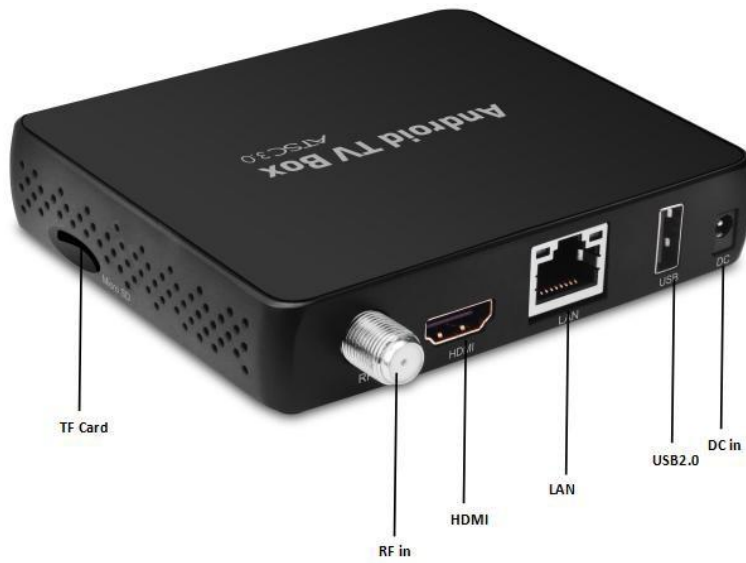
USB wire/wireless Mouse & Keyboard

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

2.2 Product Features

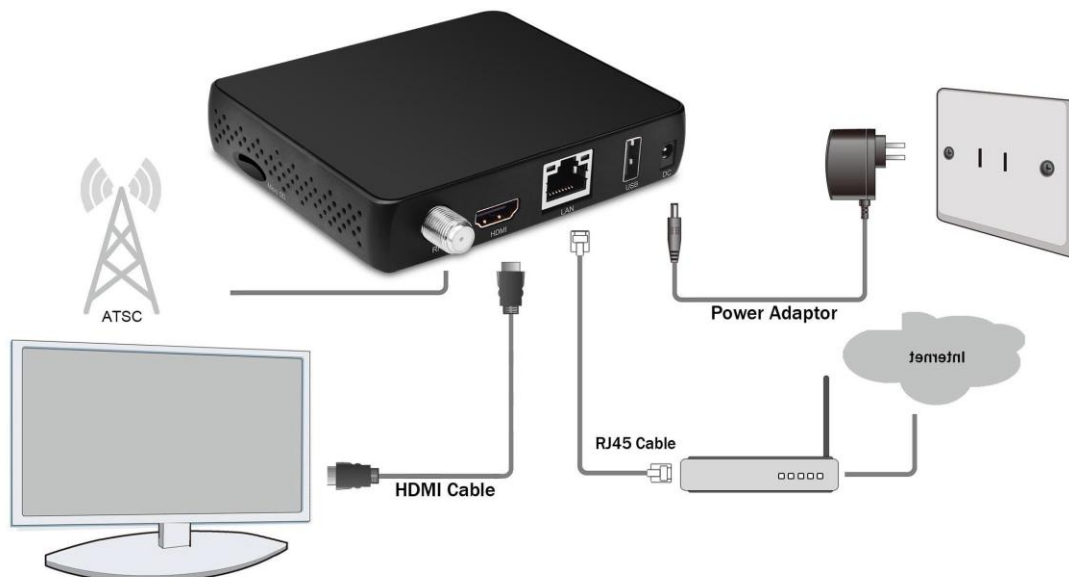
- Android TV 11.0 OS
- Chromecast Built In
- Google Assistant
- BT Remote Control with mic
- 64-bit Quad Core ARM Cortex A55 CPU, ARM G31 MP2 GPU, frequency is 2.0GHz, RAM is 4G, built in 32G EMMC.
- IEEE 802.3 10/100/1000M Ethernet MAC controller with RGMII interface
- Support 4k2k video local media playback from Micro SD card or USB HDD
- Built in 802.11b/g/n AC WI-FI module with antenna inside, Wi-Fi frequency range is 2.4G&5.8G
- RJ45:Wired internet connection
- HDMI video output, connect to HDTV for HD video playback
- 1external USB interface , support mobile HDD, support mouse and keyboard operating
- Support USB mouse and keyboard operation
- Support simple BT remote control with mouse function
- Support music player, picture player and more family entertainment
- Support RF Input(ATSC1.0/ATSC3.0 DVB-T2,)

2.3 Panel Introduction



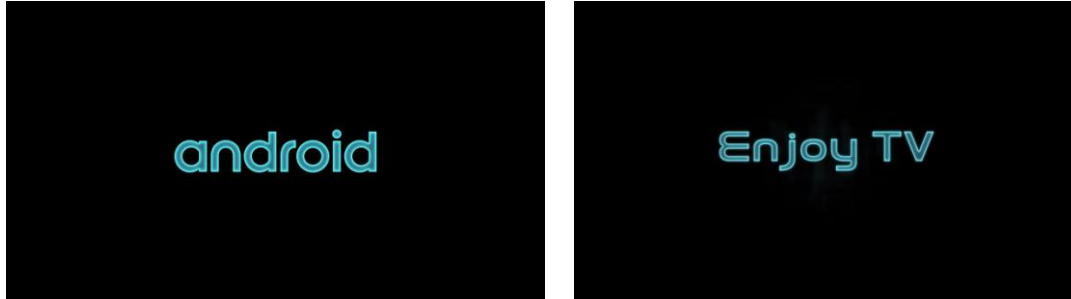
2.5 Setup Connection

2.5.1 Place ATV316Max on a flat platform near the TV, and make sure nothing blocks the remote control signal.

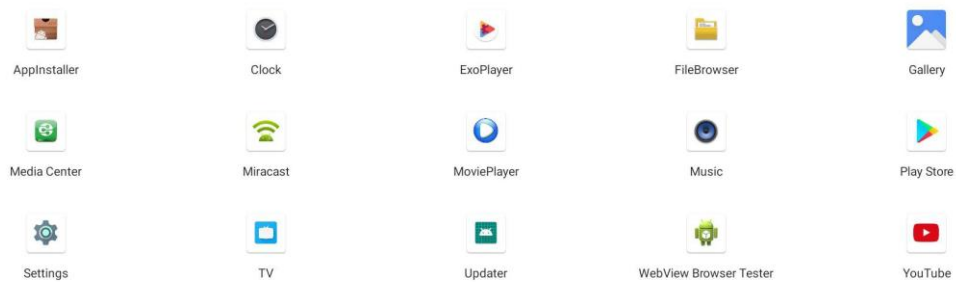


2.6 Power Up

2.6.1 After booting up, during the loading process, the TV will first display the "Android" interface, and then there will be a booting animation of "Enjoy TV". When the load is complete, it will go to the home screen.

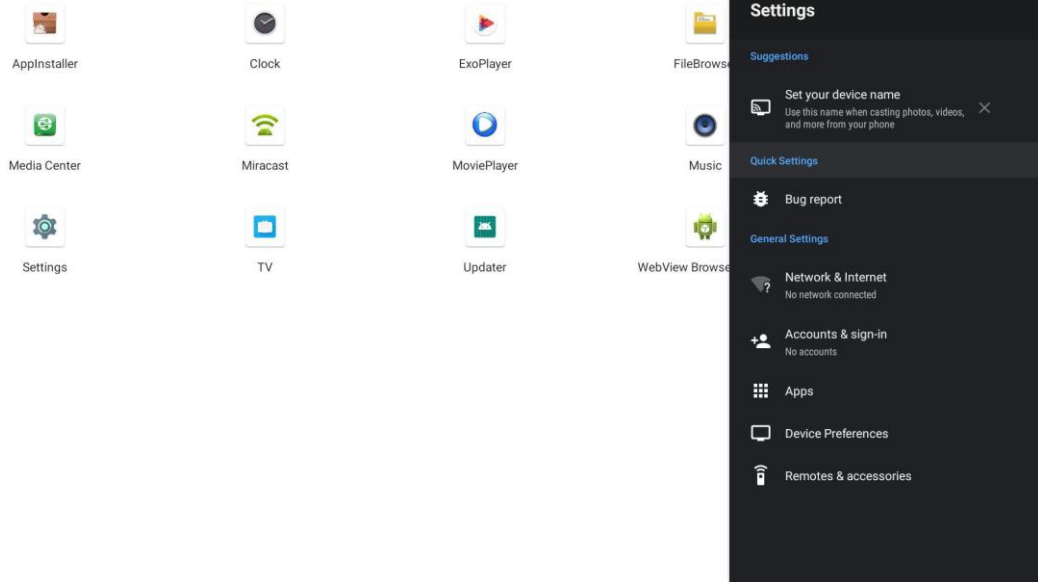


2.6.2 Home Screen display.



3. Settings

Select  icon then press OK key.



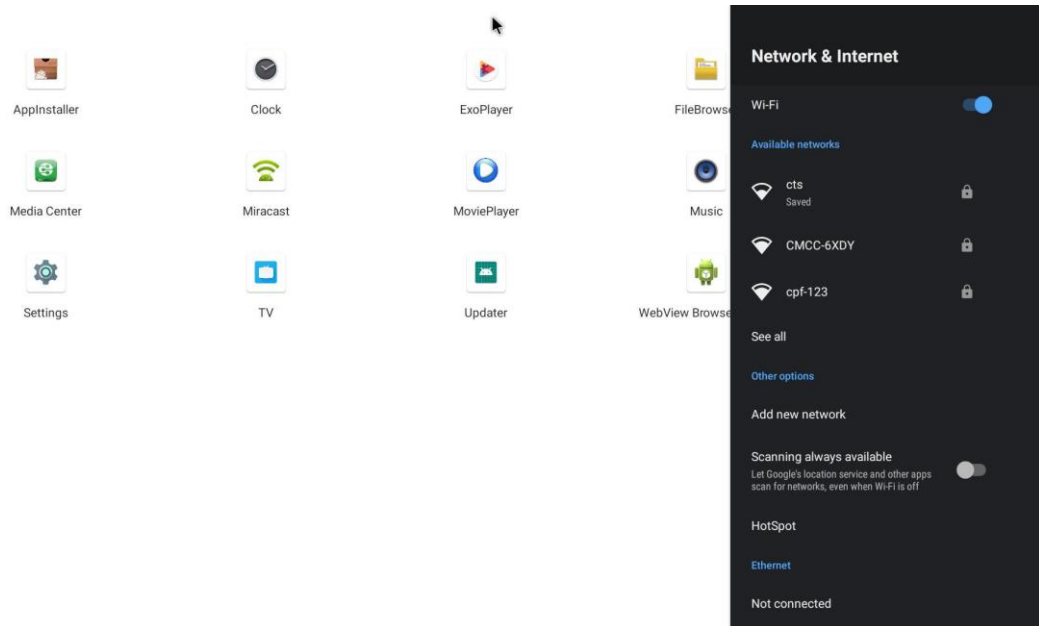
3.1 Network & Internet

3.1.1 Wi-Fi

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

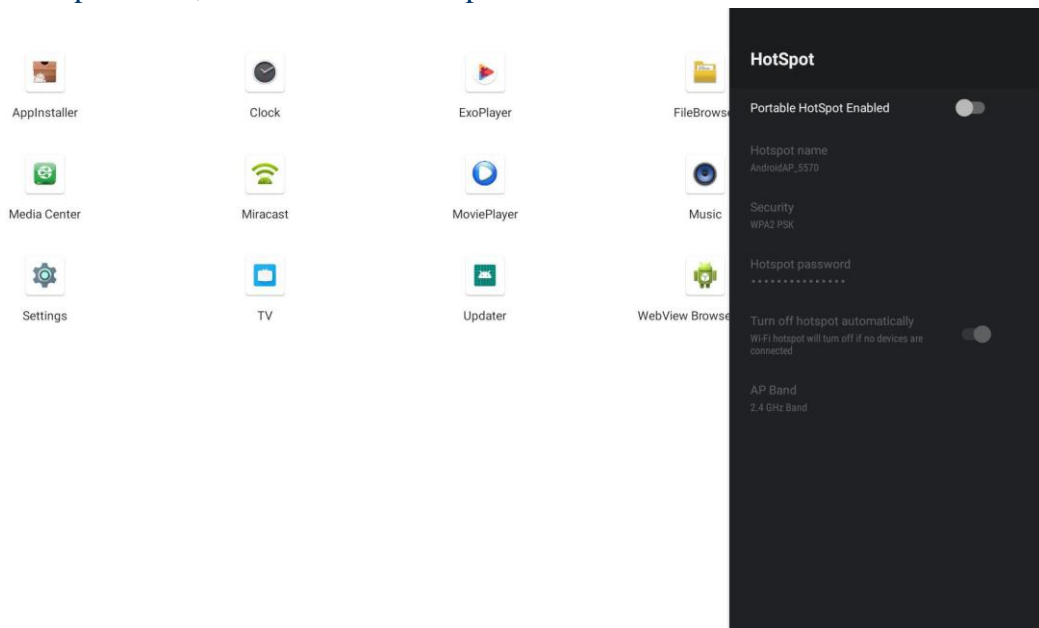
Connect an available WiFi network. If connect a secured WiFi network, corresponding password will be input firstly. Or fail to connect and need reset password. Once build up the connection with a certain WiFi network successfully, Equipment will connect this WiFi network automatically when restart.

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



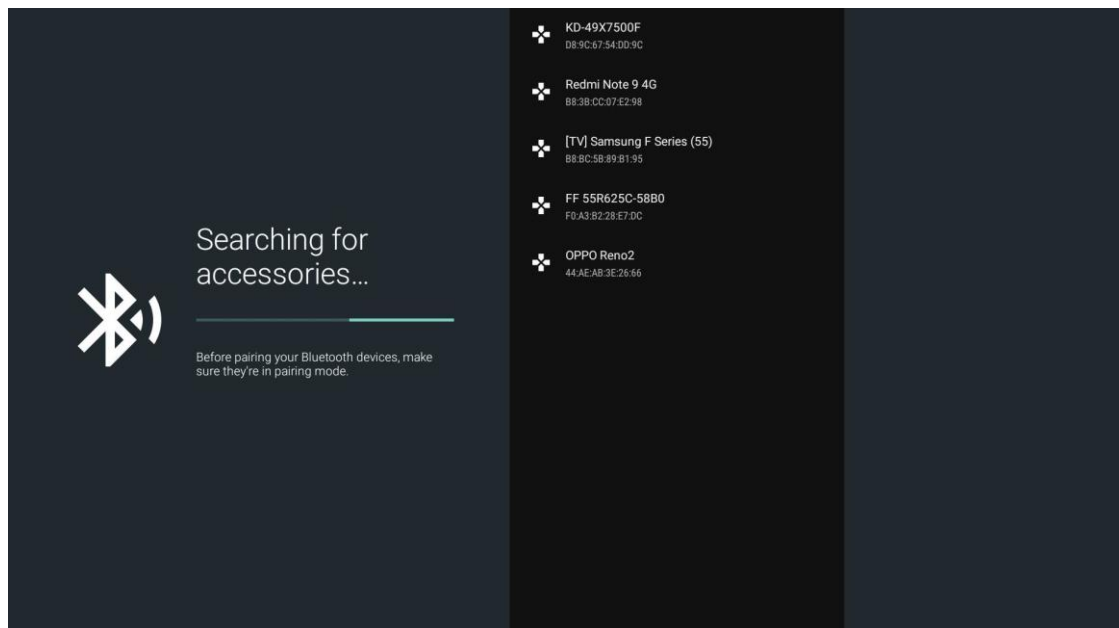
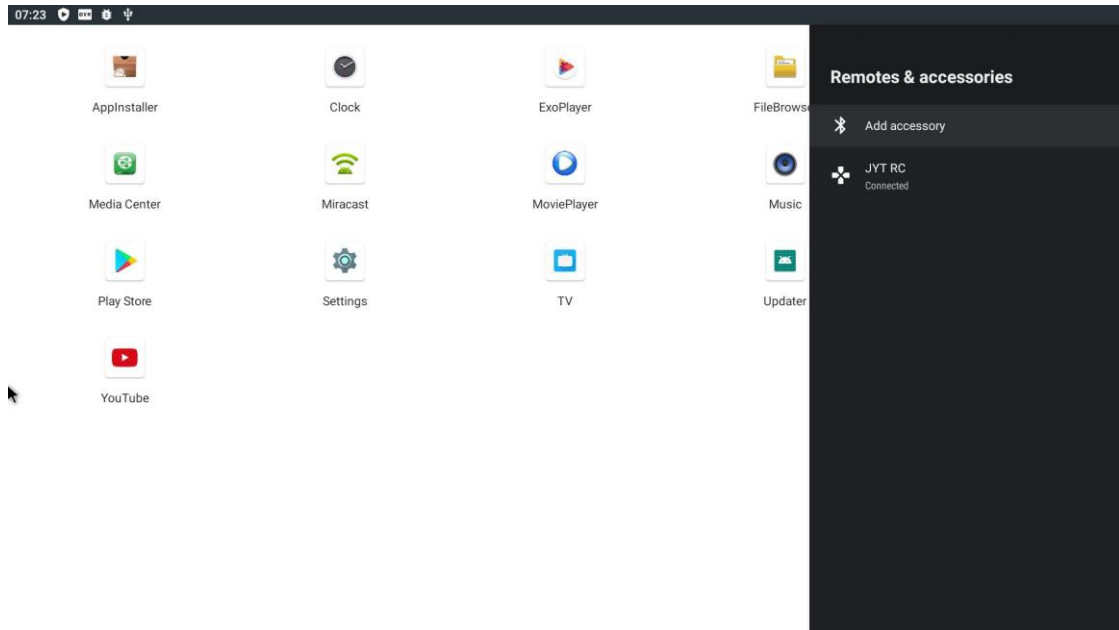
3.1.2 Wi-Fi hotspot

If you want to share WIFI with your friends, you can set the wi-fi hotspot here, set the wi-fi password, and turn on the hotspot switch for transmission.

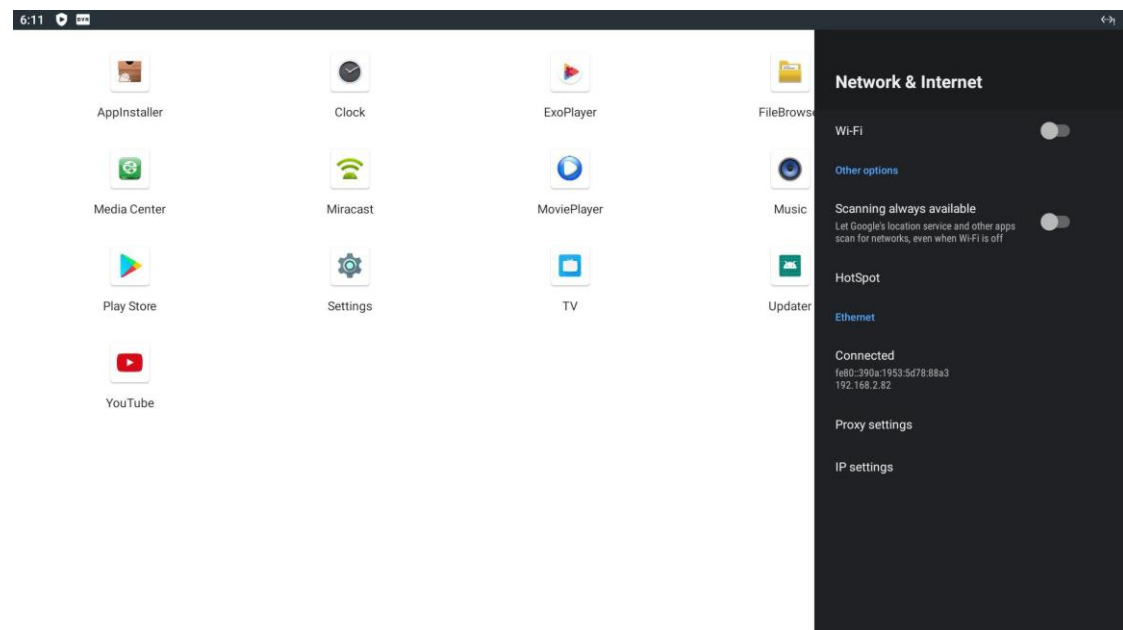


3.2 Bluetooth

Before pairing your Bluetooth devices, make sure they are in pairing mode

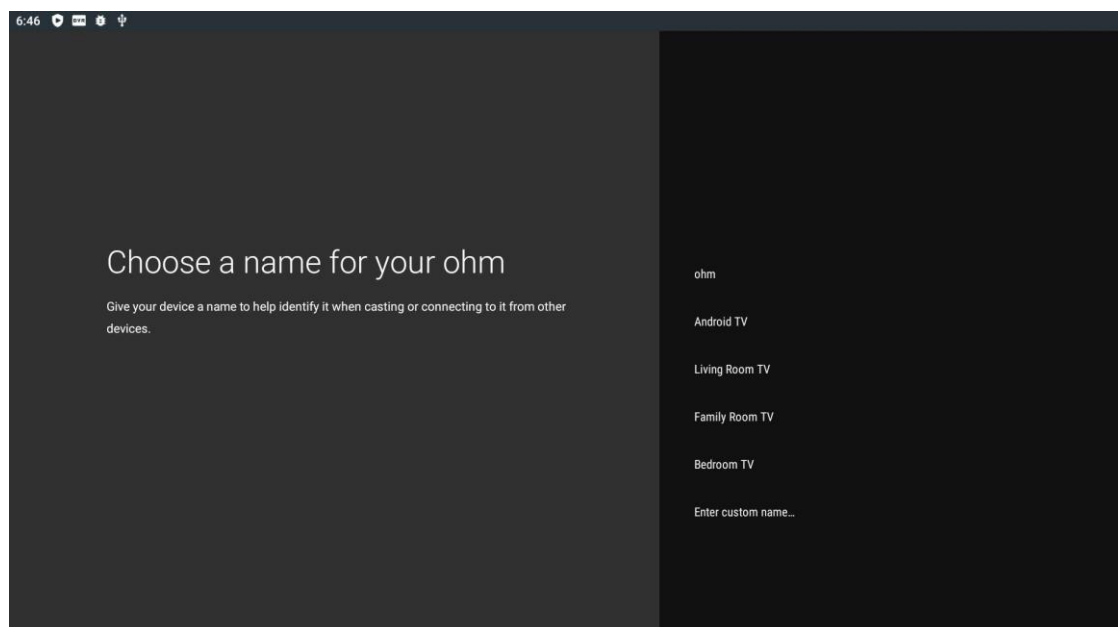


3.3 Ethernet

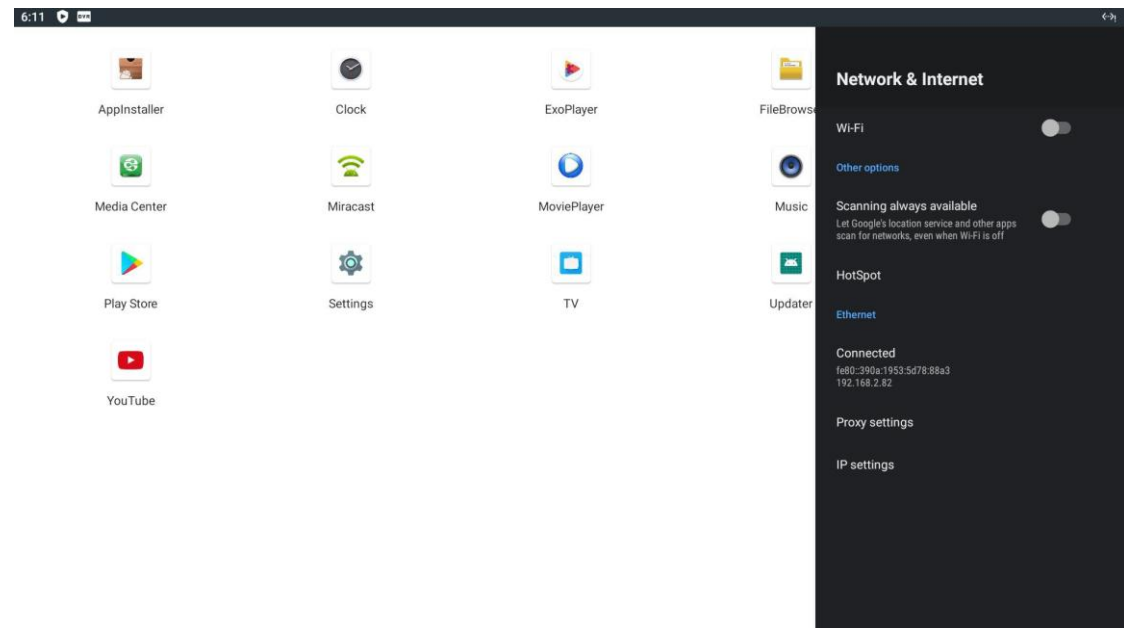


3.4 Set your device name

Name your device so you can identify it when you project content to it or connect to it from other devices.

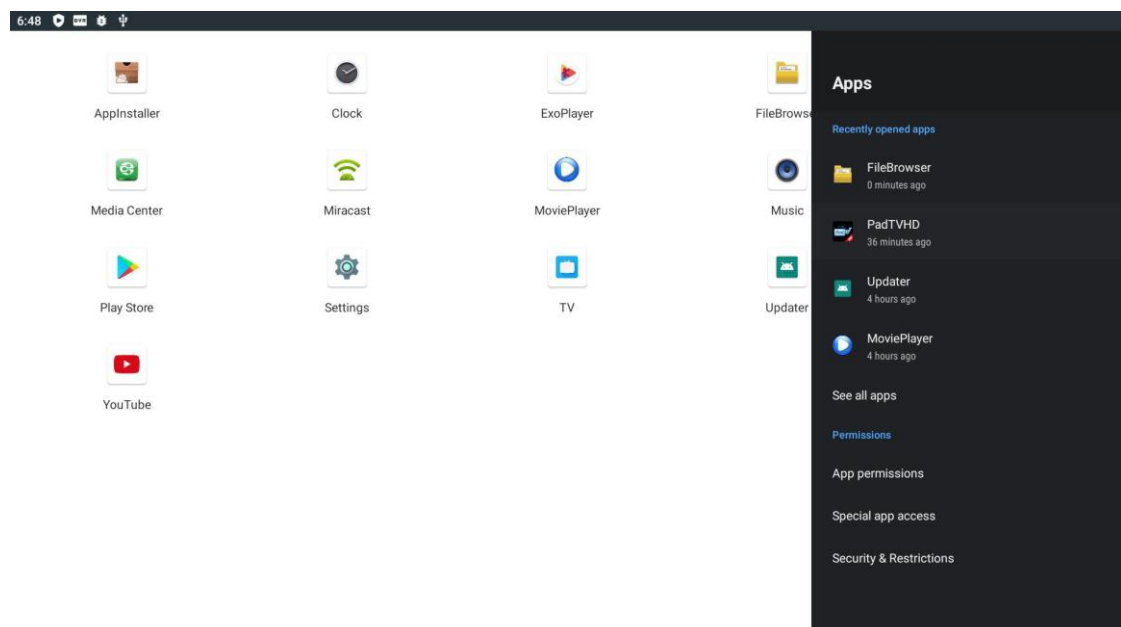


3.5 Networks & internet

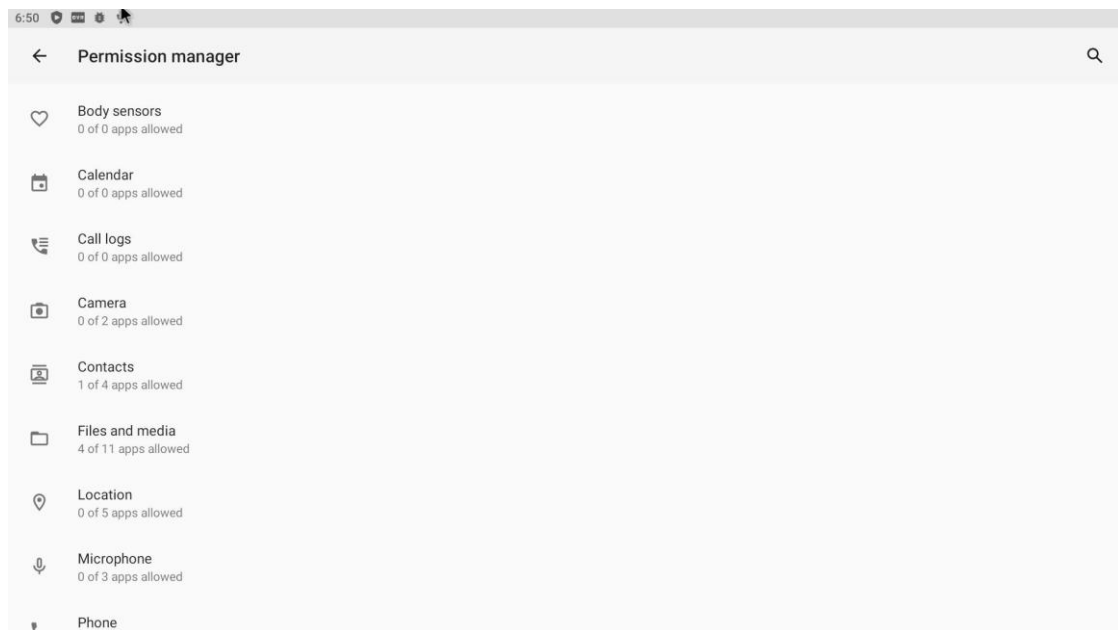


3.6 Apps

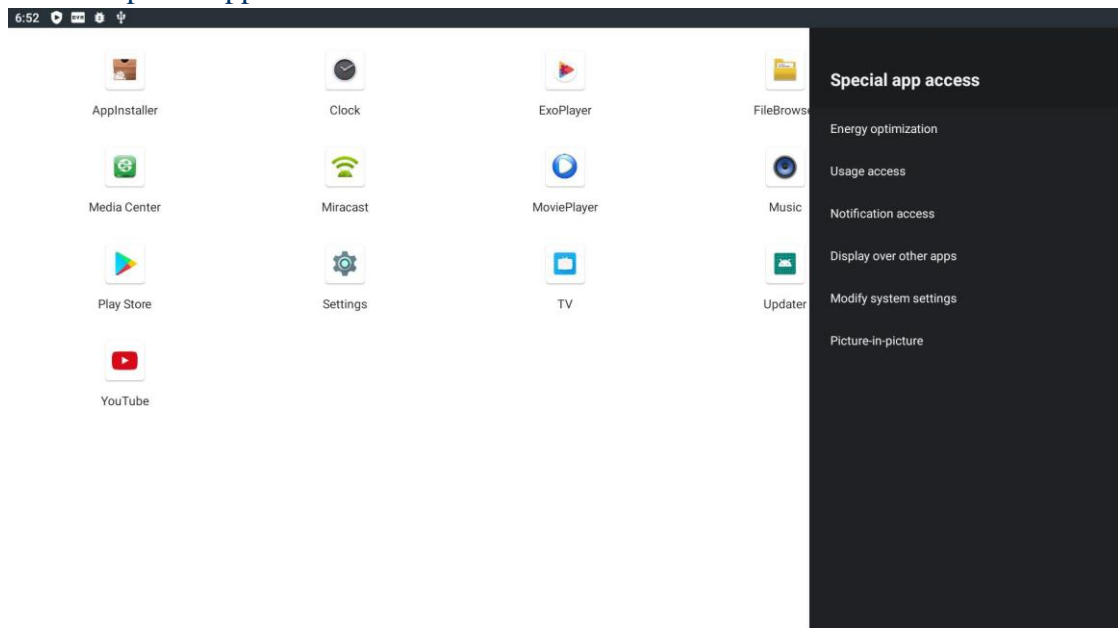
You can choose an application and force to shut down the app, uninstall the app, clear user data, move to SD card and clear cache data.



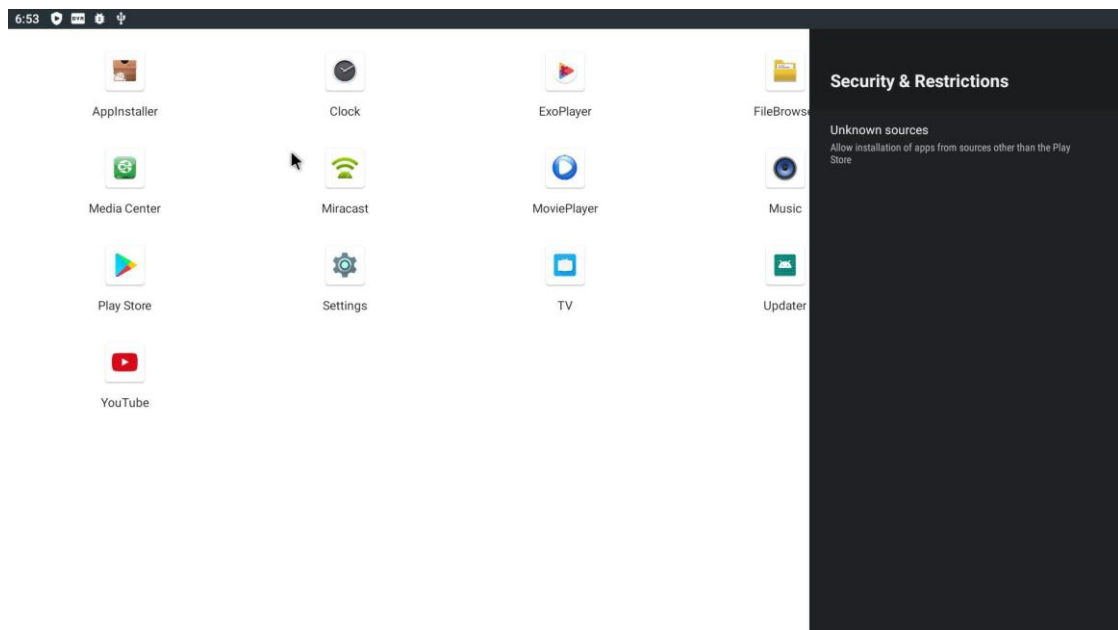
3.6.1 App permissions



3.6.2 Special app access

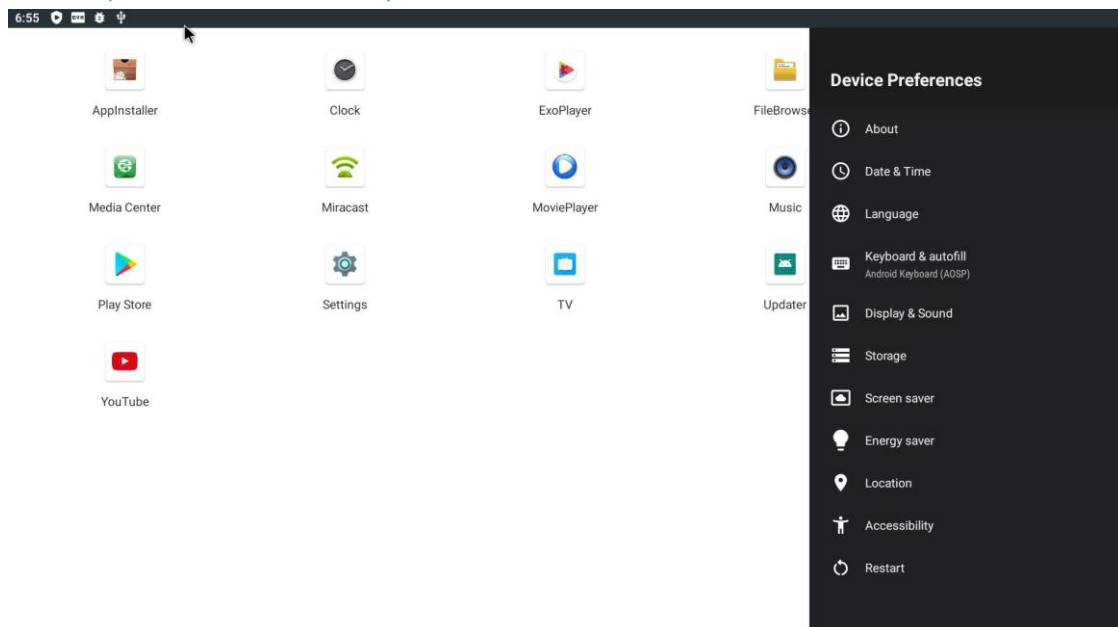


3.6.3 Security & Restrictions

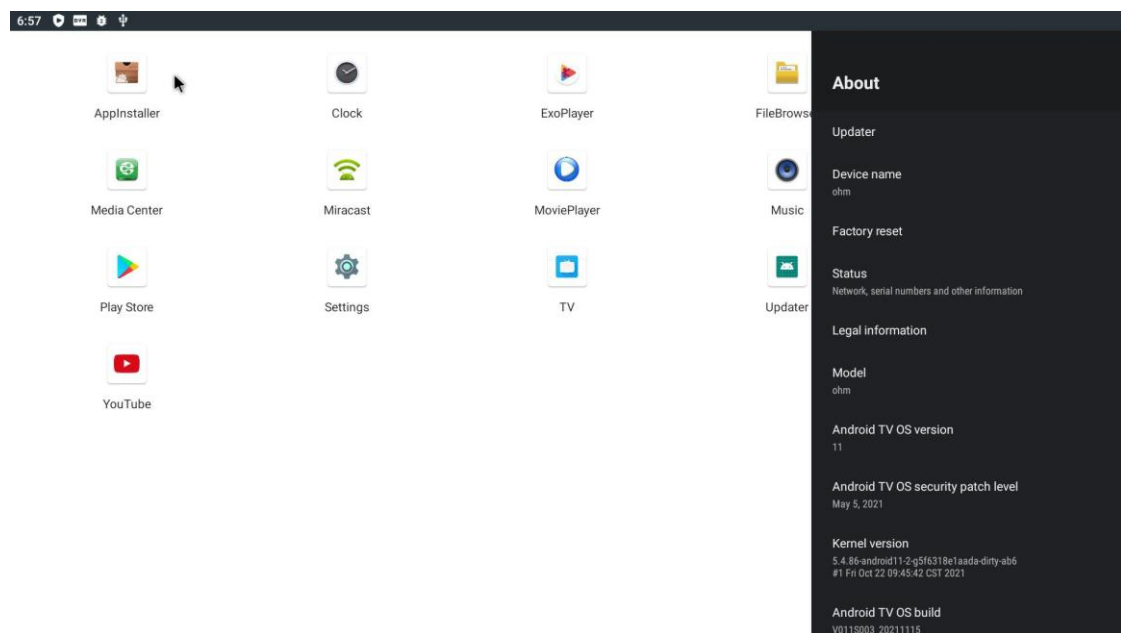


3.7 Devices Preferences

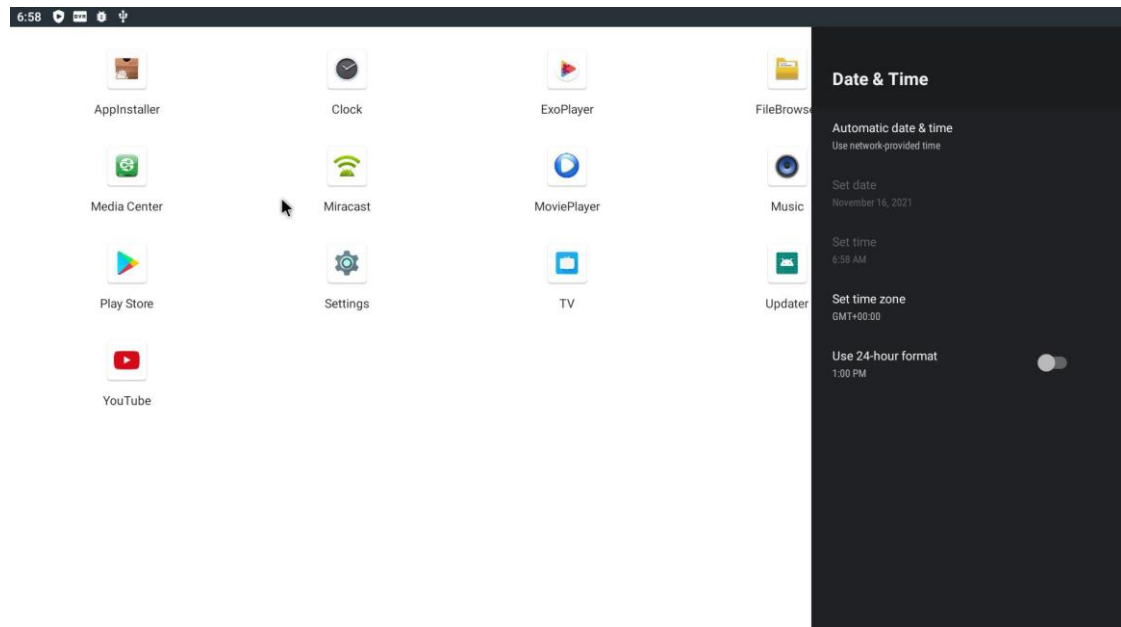
Here you can view device preferences, about device, date and time, language, keyboard and auto fill, display and sound, storage space, screensaver, energy saving mode, location information, and restart.etc



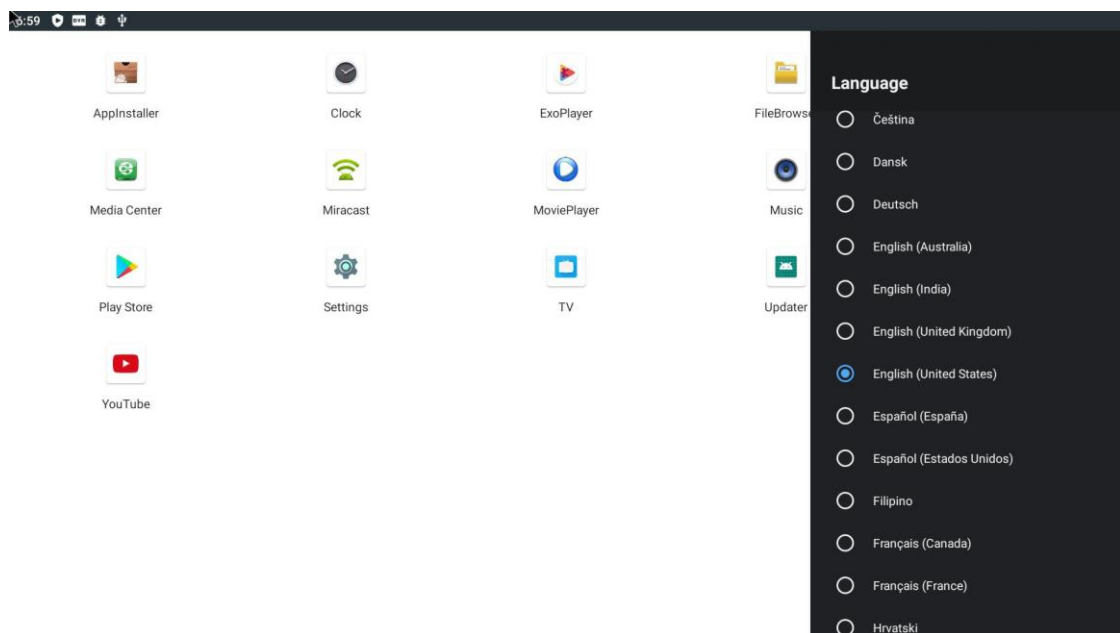
3.7.1 About



3.7.2 Date&Time



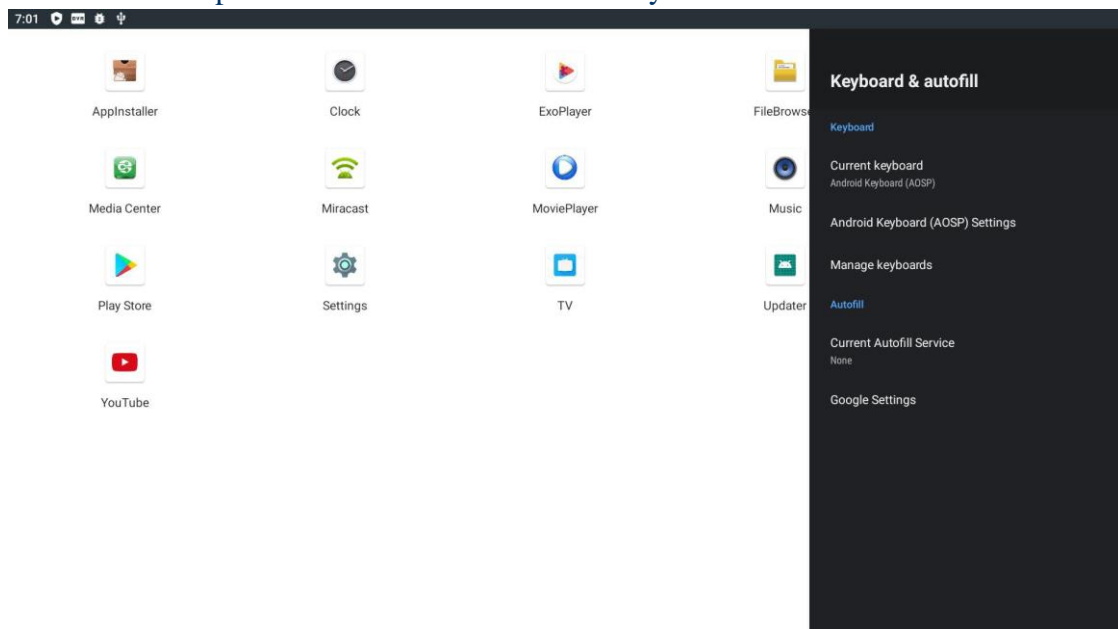
3.7.3 Language



3.7.4 Keyboard & autofill

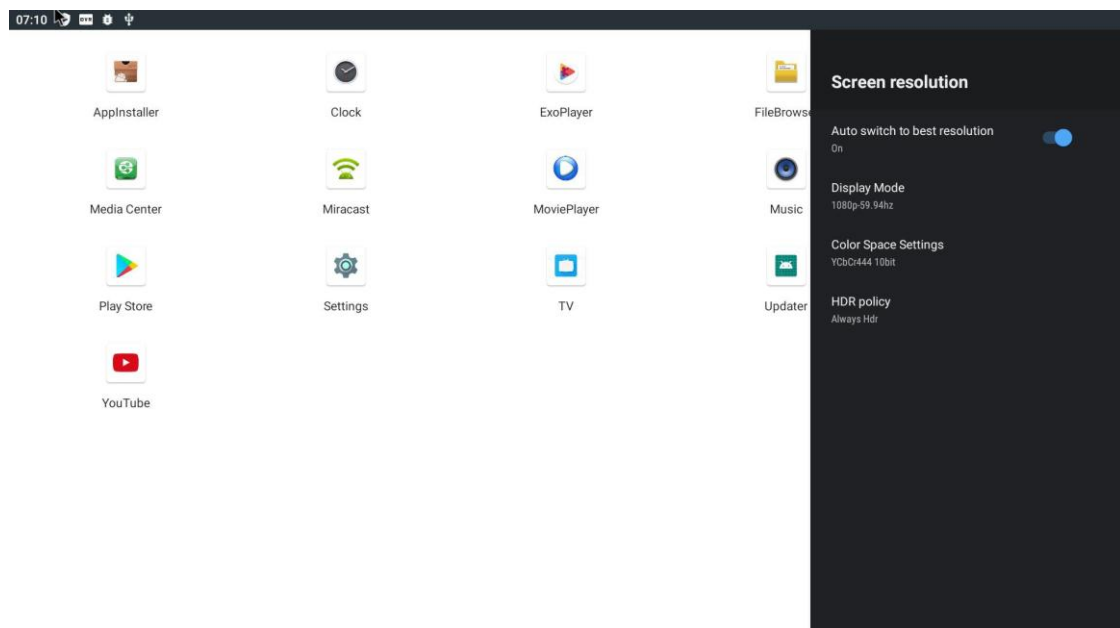
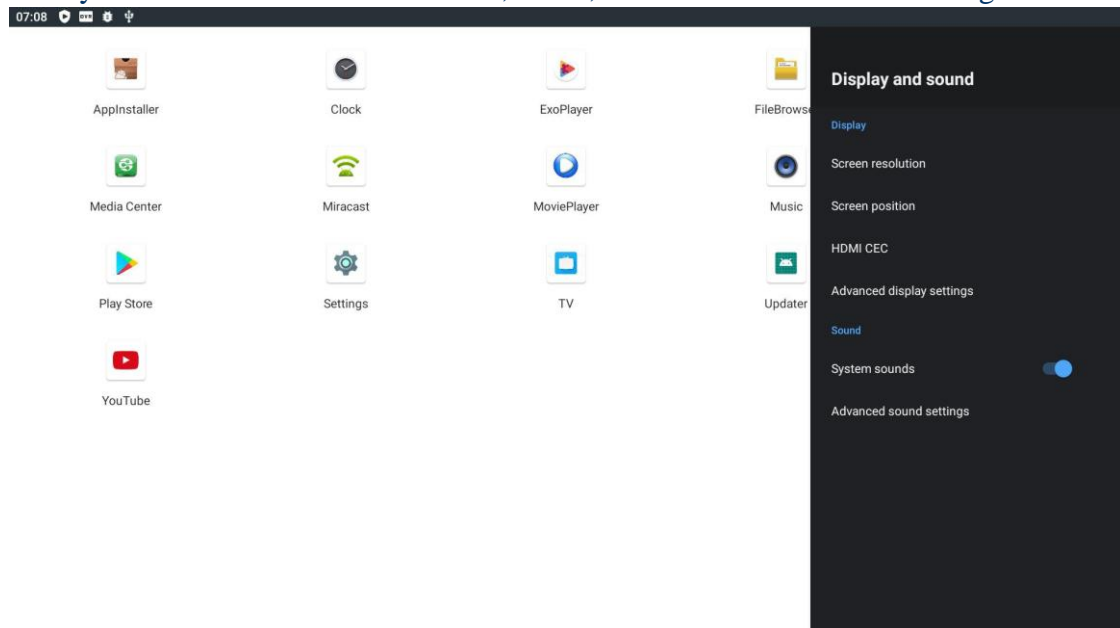
Change Keyboard language and input method.

The default input method is android standard keyboard.

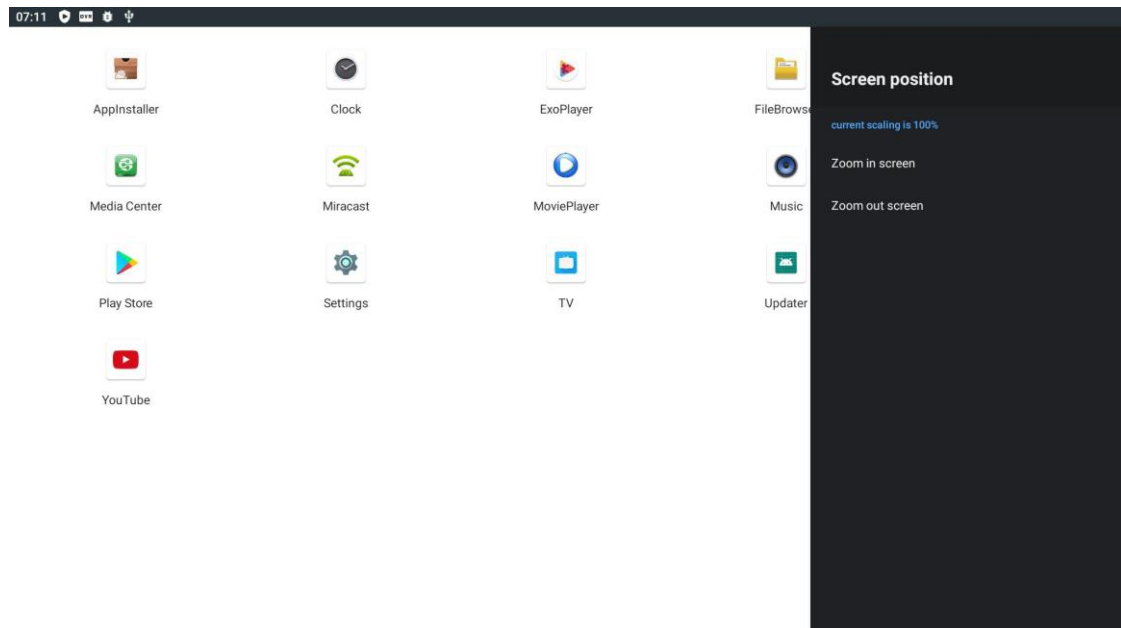


3.7.5 Display & Sound

Here you can see the screen resolution, zoom, HDMI CEC and sound Settings

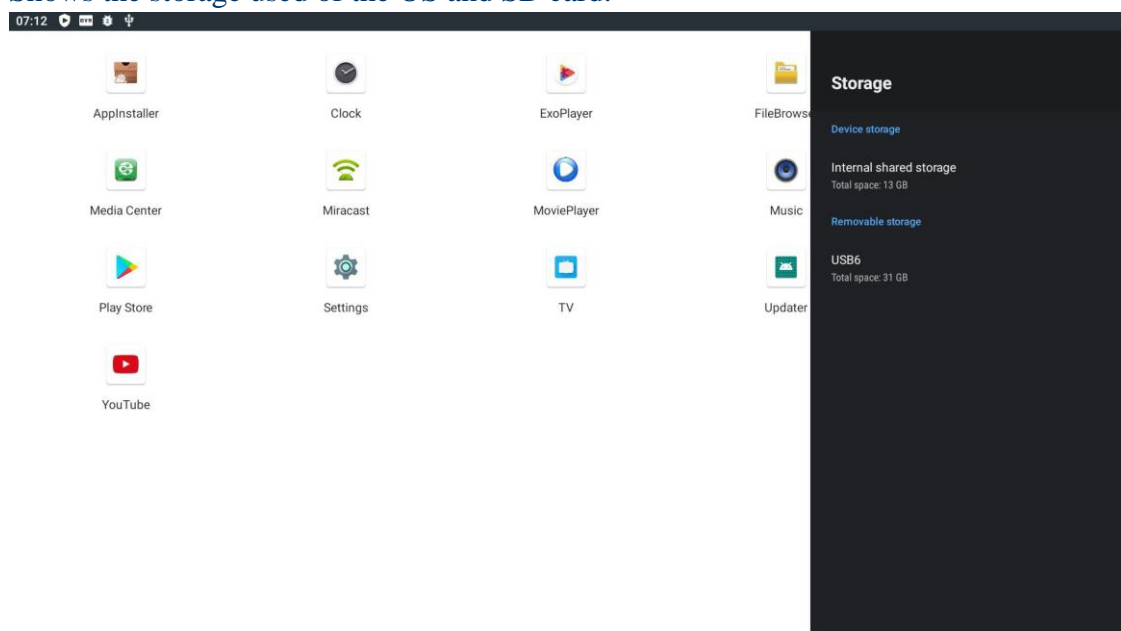


make the items on your screen smaller or larger. Some apps on your screen may change position

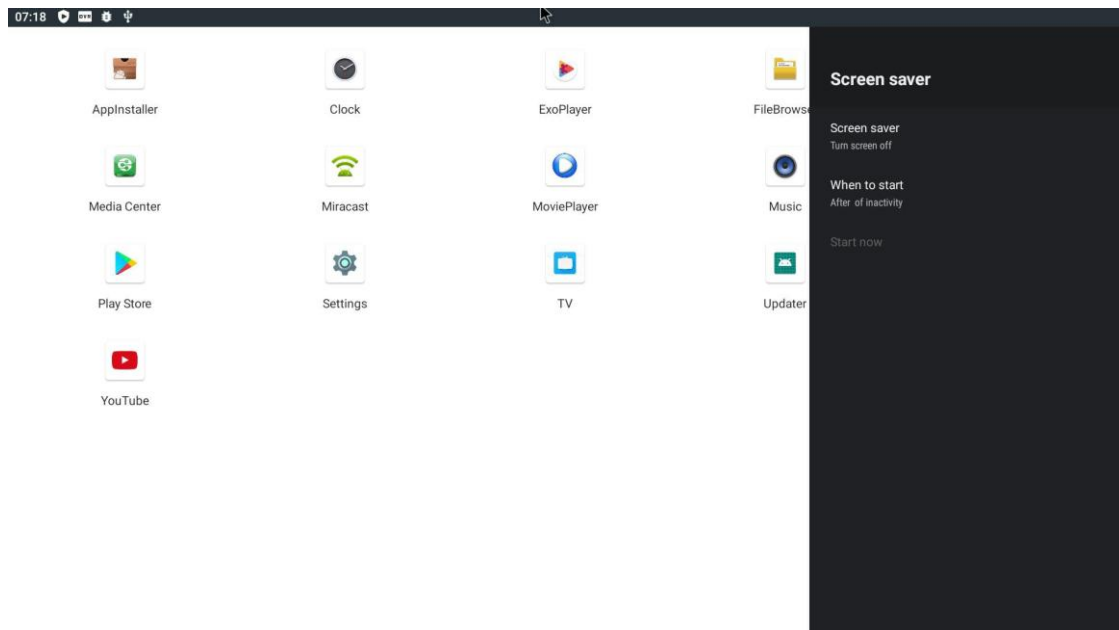


3.7.6 Storage

Shows the storage used of the OS and SD card.

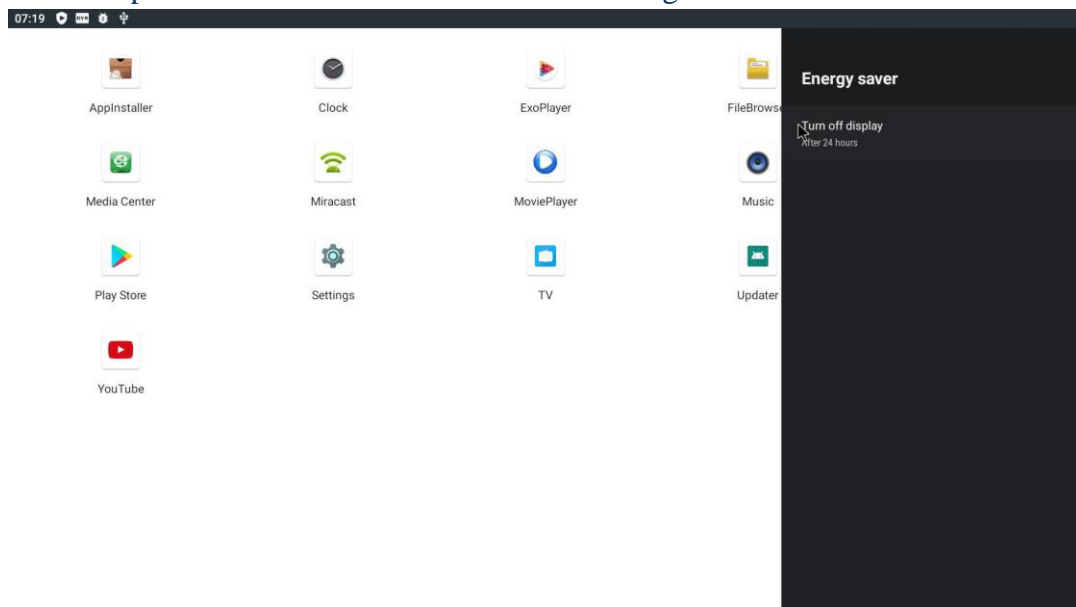


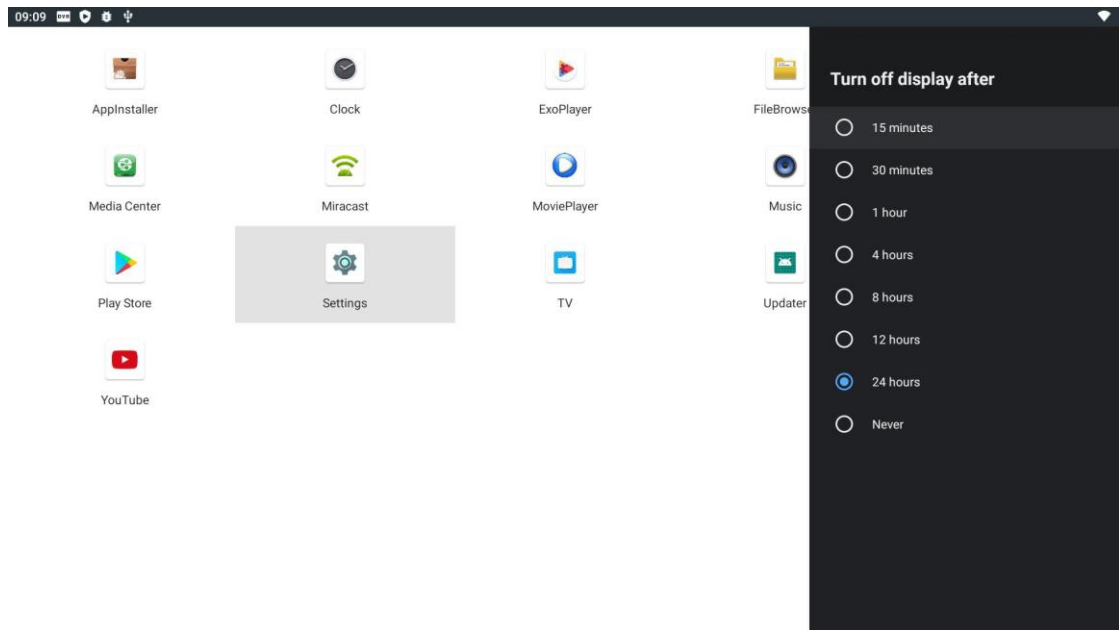
3.7.7 Screen saver



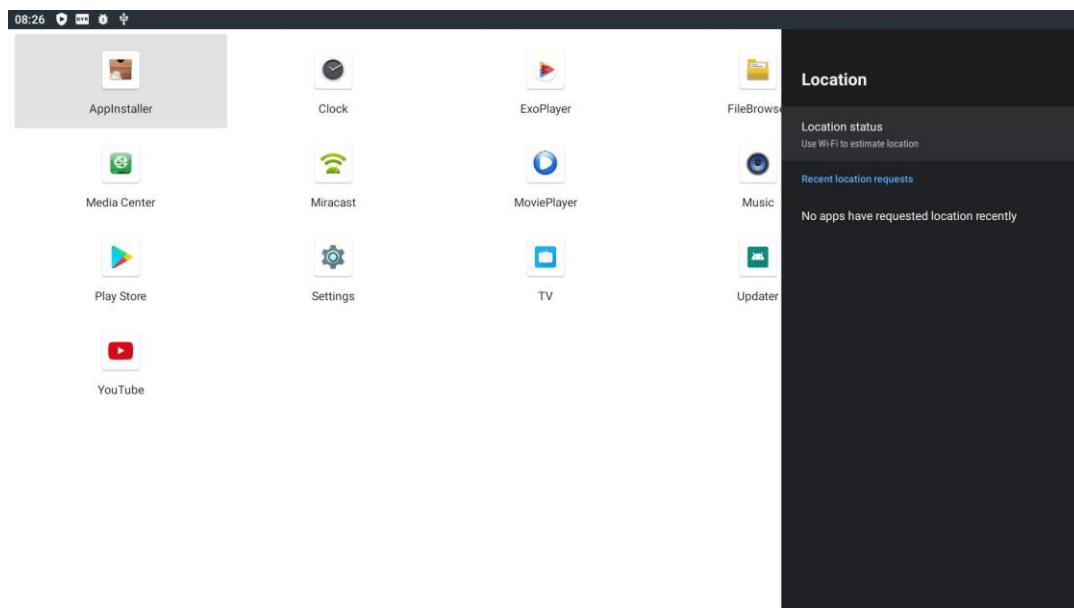
3.7.8 Energy saver

Find Energy saver. You can select the Sleep time of the product. There are 8 options for sleep time. The shortest is 'Never' and the longest are 24 hours

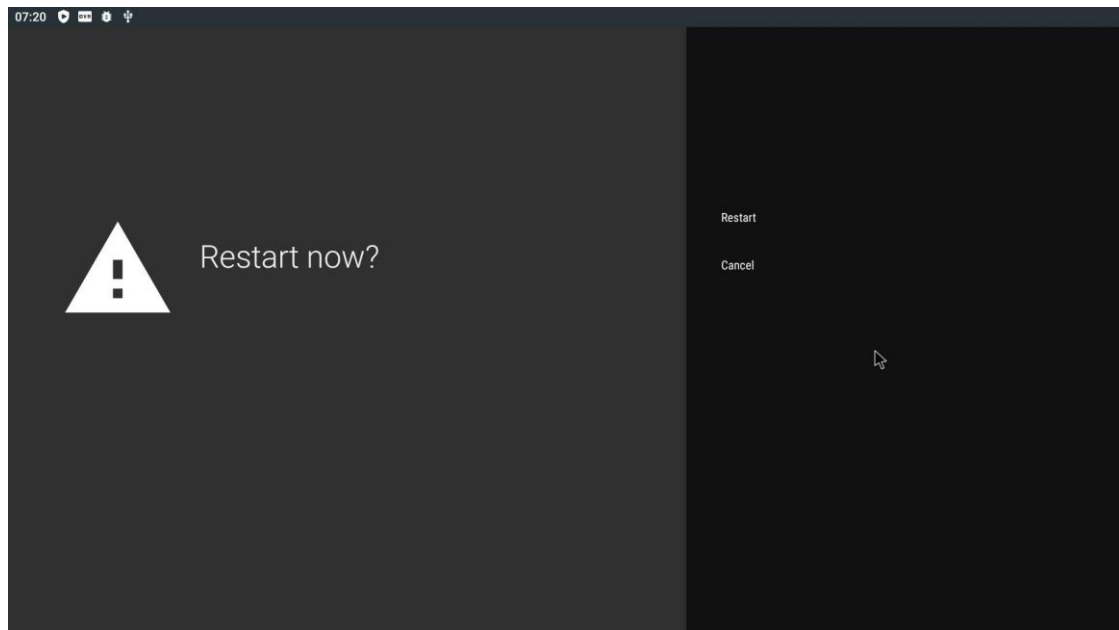




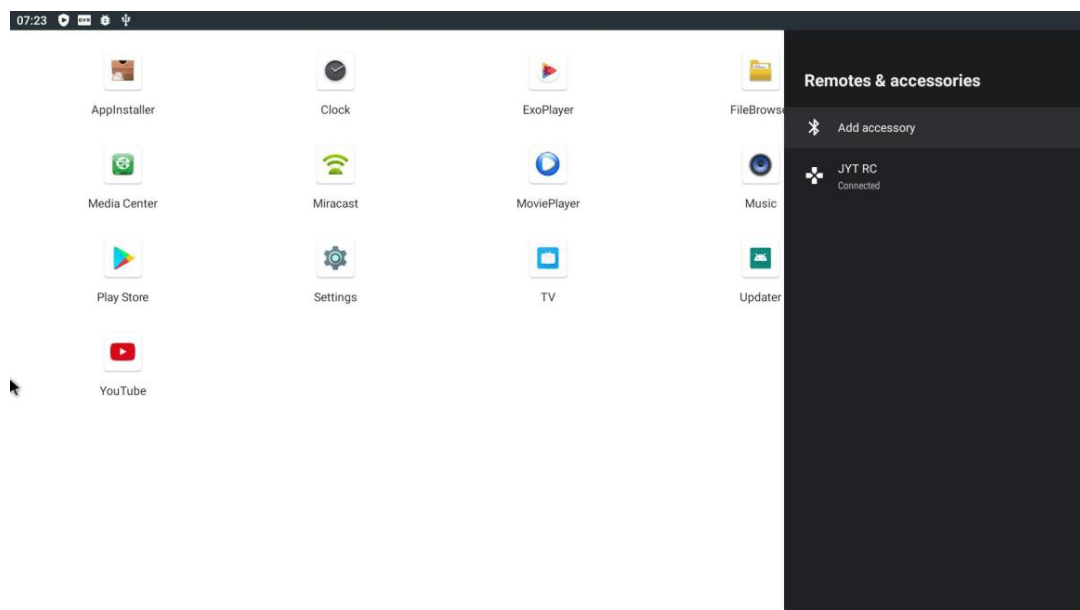
3.7.9 Location



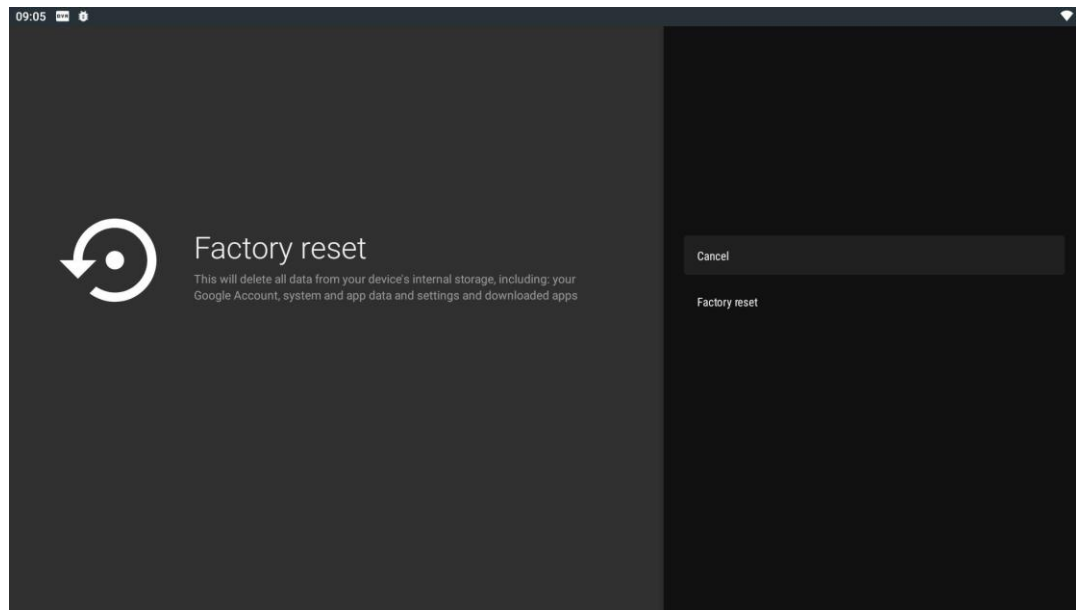
3.7.10 Restart



3.8 Remotes saver



3.9 Reset options



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.

4. Apps Install & Uninstall

On ATV698Max, 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 ATV698Max.

You also can manage apps on ATV698Max 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 128G 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 thoroughly, search for a solution on line at www.geniatech.com, or contact Geniatech Customer Care before seeking to repair your player.

8.Specification

CPU	Quad core ARM Cortex-A35 CPU @ 2.0GHz,
GPU	ARM G31 MP2 GPU
RAM	2G DDR4 (Optional 4G)
ROM	Built-in 8G EMMC (Optional 32G)
OS	Android 11.0
USB	USB2.0*1
HDMI	V2.0
DC Input	5.0V-2A
MicroSD Slot	Max: 256G
Video Output	HDMI
Audio Output	HDMI
IR receiver	Support IR Remote
RF Input	75 Ohm Digital TV Antenna Input; Receive Frequency: TV48.25~863.28MHz
LAN	Integrated IEEE 802.3 10/100/1000M Ethernet MAC controller with RGMII interface
Wi-Fi	IEEE 802.11 b/g/n AC 2.4G5.8G
BT	BT 5.0
Audio Decoding	<p>Supports MP3,AAC,WMA,RM,FLAC,Ogg and programmable with 7.1/5.1 down-mixing</p> <p>Supports MP3, AAC, WMA, RM, FLAC, Ogg Vorbis ,Opus,SRS Truvolume, Dolby Audio (optional) , DTS (optional) and programmable with 7.1/5.1 down-mixing</p> <p>Low-power VAD</p> <p>Built-in serial digital audio SPDIF/IEC958 input/output, and PCM input/output, SPDIF supports 192KHz 16/24/32bit stereo</p> <p>3 built-in TDM/PCM/I2S ports with TDM/PCM mode up to 384kHz x 32bits x 16ch or 96kHz x 32bits x 32ch and I2S mode up to 384kHz x 32bits x 16ch</p> <p>Digital microphone PDM input with programmable CIC. LPF: HPF. support up to 8 DMICs</p> <p>Built-in stereo audio DAC</p> <p>Supports concurrent dual audio stereo channel output with combination of analog+PCM or I2S+PCM</p>
Video/Picture Decoder	<p>VP9 Profile-2 up to 4Kx2K@60fps</p> <p>AV1 MP-10@L5.1 up to 4Kx2K@60fps</p> <p>H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps</p> <p>AVS2-P2 Profile up to 4Kx2K@60fps</p> <p>H.264 AVC HP@L5.1 up to 4Kx2K@30fps</p> <p>MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)</p> <p>WMV/VC-1 SP/MP/AP up to 1080P@60fps</p>

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

Size	1101x85x22mm
Net Weight	180g

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.

FCC Statement

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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.