Geniatech

ARM PC
Model: APC329L
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

ARM PC   - APC329L

User's Guide

HDMI Cable

  IR Remote Controller

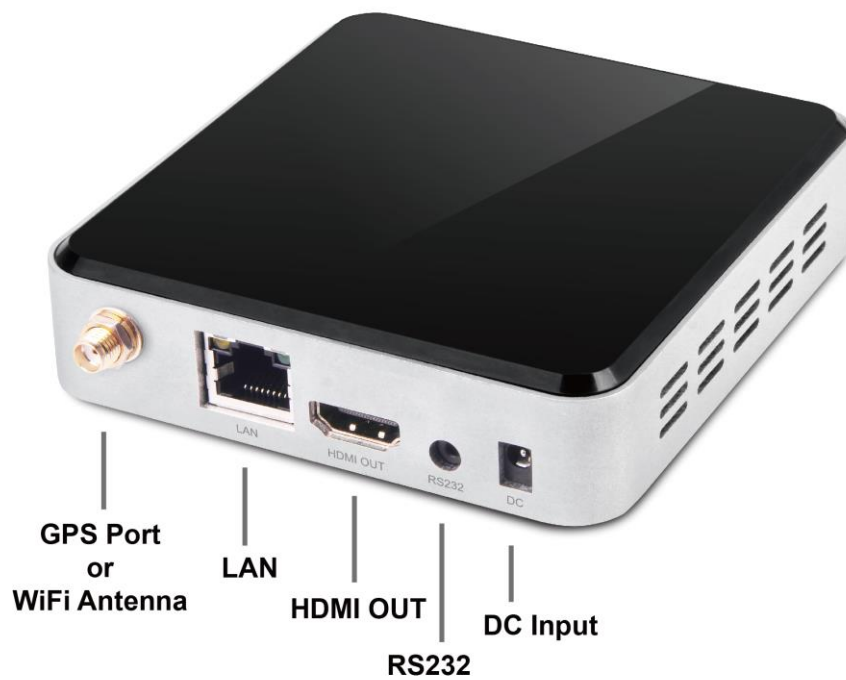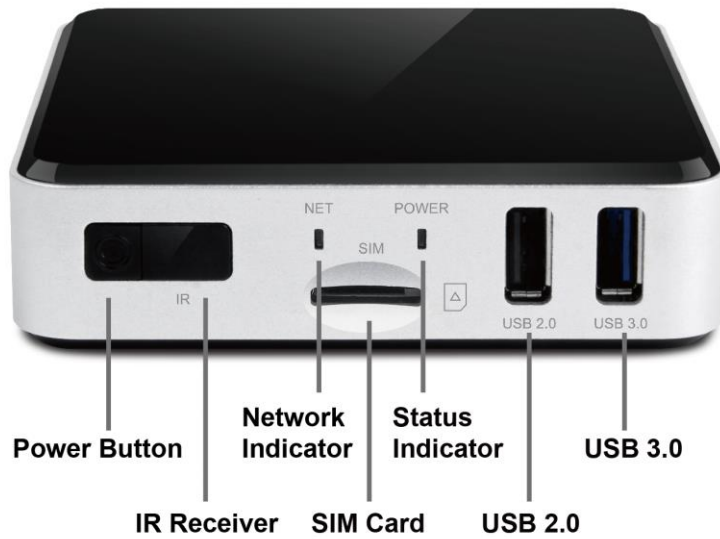Optional Remote Controller

   2.4G wireless Remote Controller

   USB wire/wireless Mouse & Keyboard

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

2.2 Product Features

- Android 11.0 OS
- 64-bit Quad Core ARM Cortex A55 CPU, ARM G31 MP2 GPU, frequency is 2.0GHz, RAM is 2G, built in 8G EMMC.
- IEEE 802.3 10/100/1000M Ethernet MAC controller with RGMII interface
- Support 4k2k video local media playback
- IEEE802.11a/b/g/n/ac W-LAN + Bluetooth 4.1/HS combo module.
- 2 USB interface ,one USB 2.0 and another USB 3.0, support mobile HDD, wired/wireless mouse and keyboard operation
- RJ45 10/100M/1000M Ethernet interface
- HDMI video output, connect to HDTV for HD video playback
- Support USB mouse and keyboard operation
- Support simple BT remote control with mouse function
- Support LTE and GPS

2.3 Panel Introduction

Power Button   Network Indicator   Status Indicator   USB 3.0

IR Receiver   SIM Card   USB 2.0

GPS Port or WiFi Antenna   LAN   HDMI OUT   DC Input

RS232

2.4 Remote Controller

① **Power**	⑮ **Home**
② **Mute**	⑯ **Source**
③ **Browser**	⑰ **Towards the left**
④ **URL**	⑱ **OK**
⑤ **Page Up**	⑲ **Menu**
⑥ **Page Down**	⑳ **Back**
⑦ **Setting**	㉑ **Vol+/-**
⑧ **App**	㉒ **CH +/-**
⑨ **Search**	㉓ **Zoom In**
⑩ **Store**	㉔ **Zoom Out**
⑪ **Fast backward**	㉕ **Number keys**
⑫ **Play**	㉖ **@**
⑬ **Fast forward**	㉗ **.com**
⑭ **Stop**	
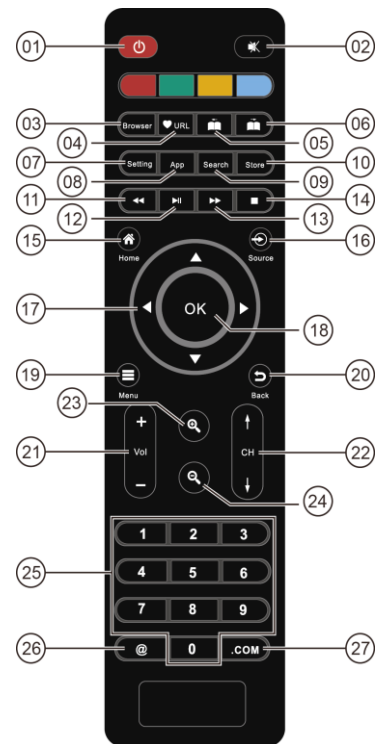
Note: Button Battery 2025 3V insert with correct polarity (+/-).

2.5 Setup Connection

2.5.1Place APC329L on a flat platform near the TV, and make sure nothing blocks the remote control signal.
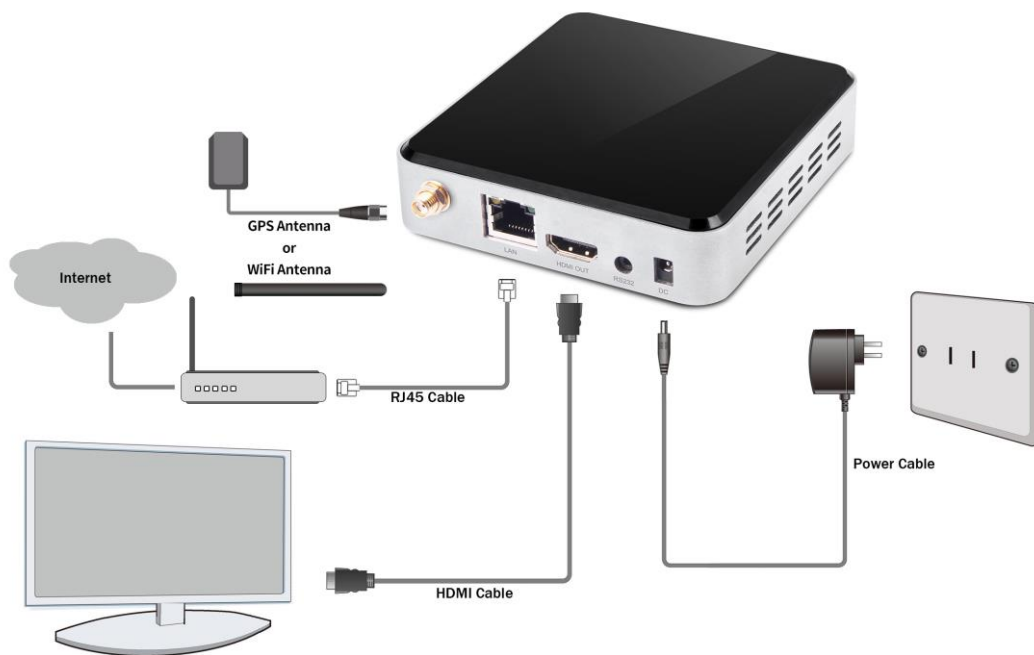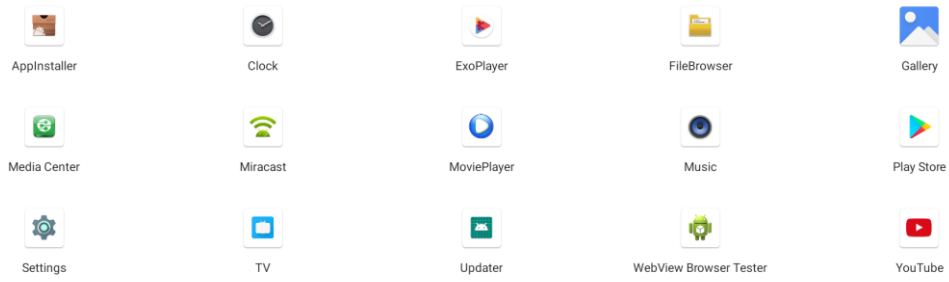
2.6 Power Up

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.
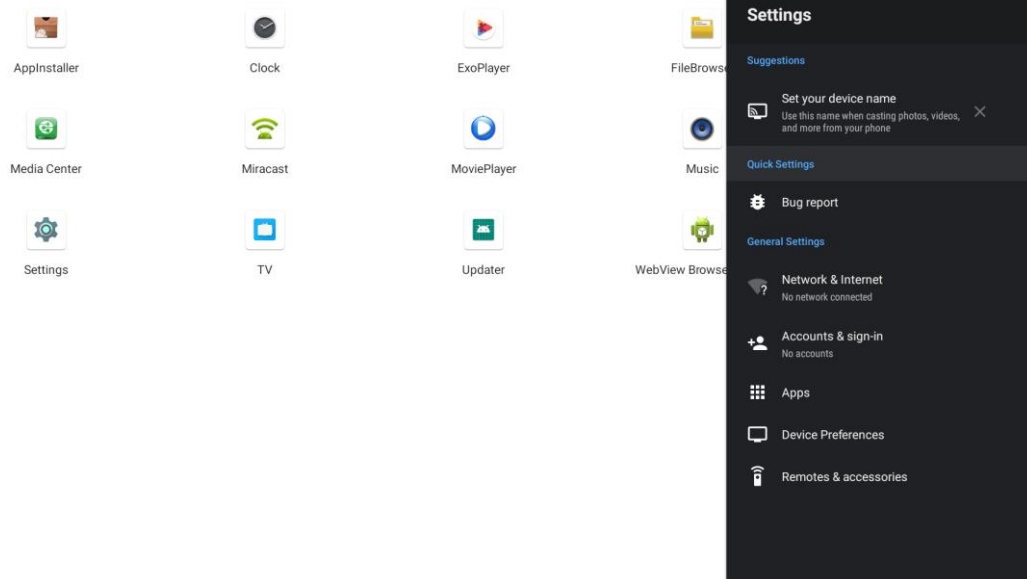

2.6.2 Home Screen display.

AppInstaller	Clock	ExoPlayer	FileBrowser	Gallery
Media Center	Miracast	MoviePlayer	Music	Play Store
Settings	TV	Updater	WebView Browser Tester	YouTube

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.
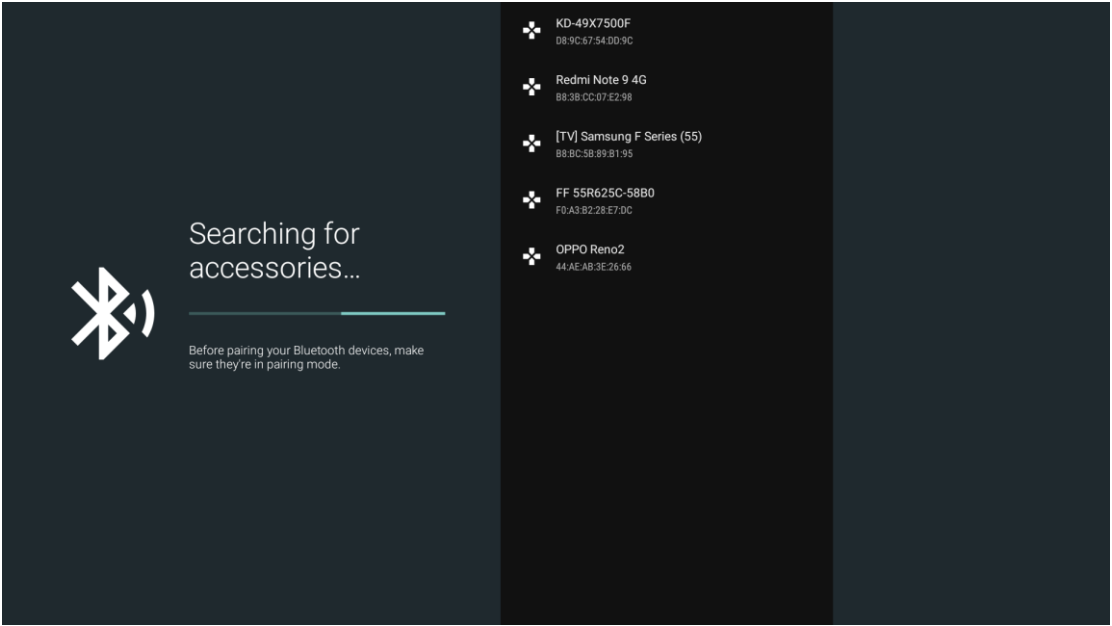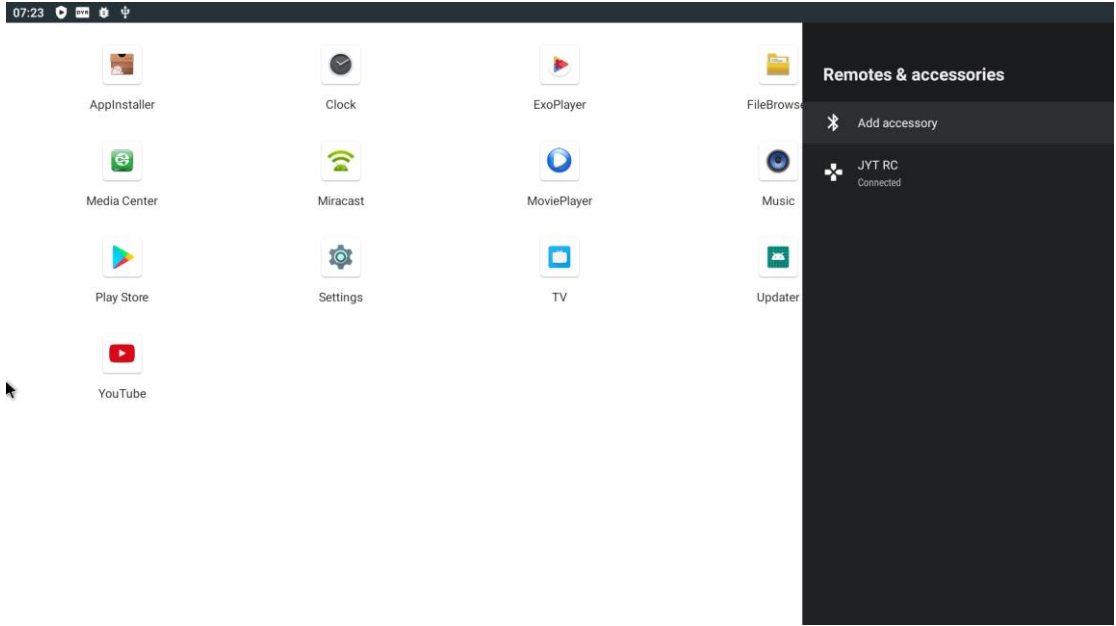Note: If factory reset, the password of WiFi network have to be reset.
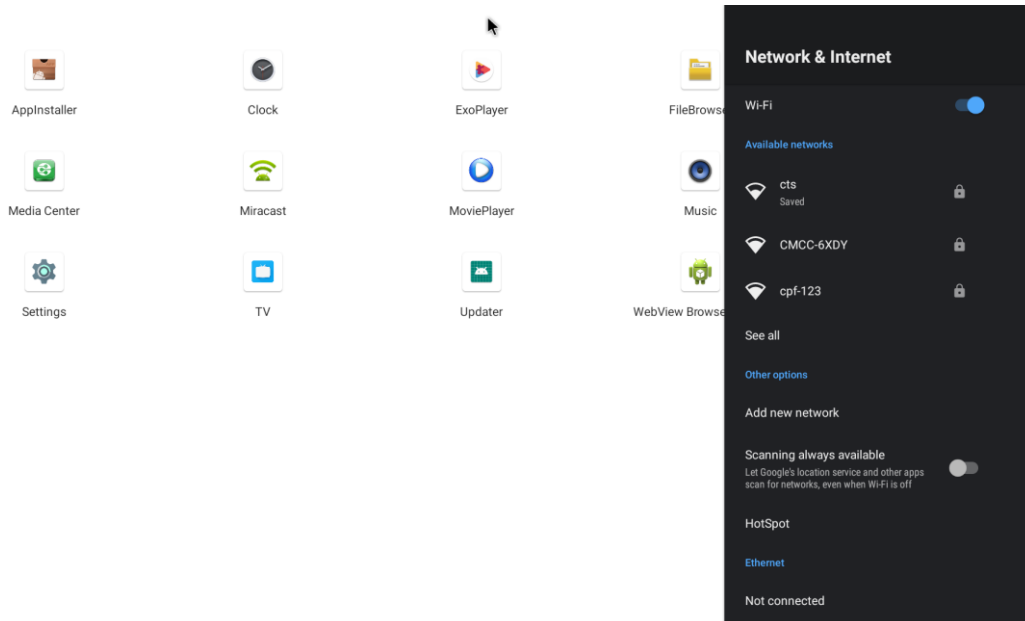
3.1.2 Wi-Fi hotspot

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 hostpot switch for transmission.
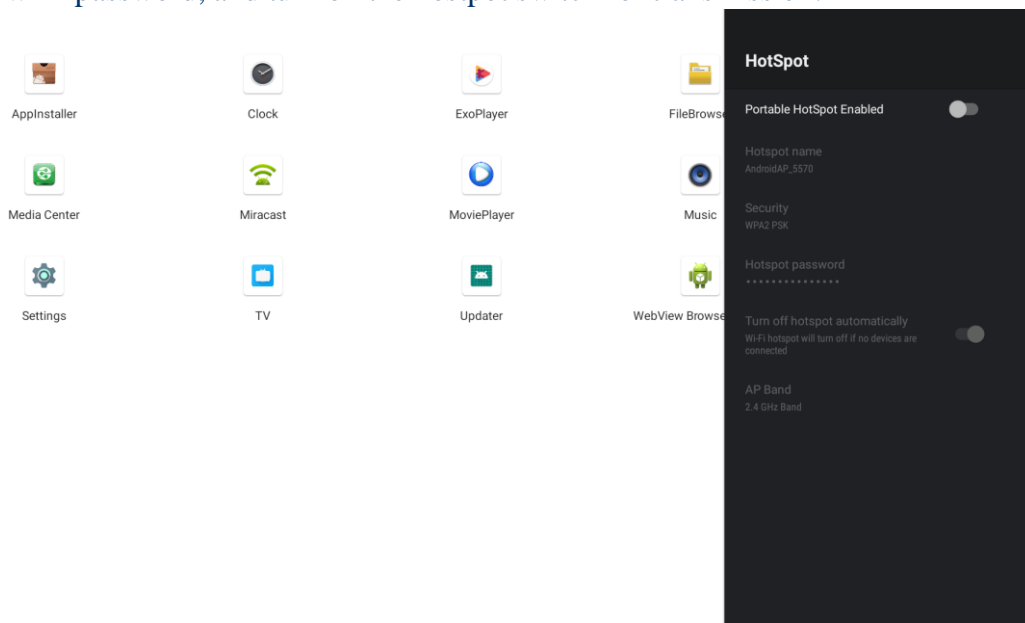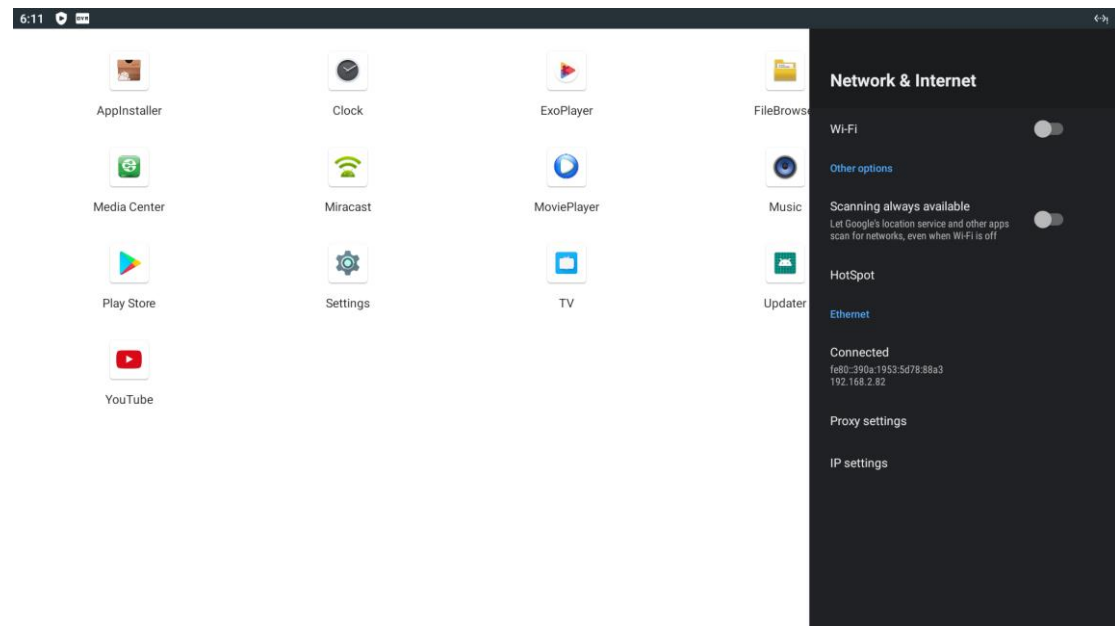
3.2 Bluetooth

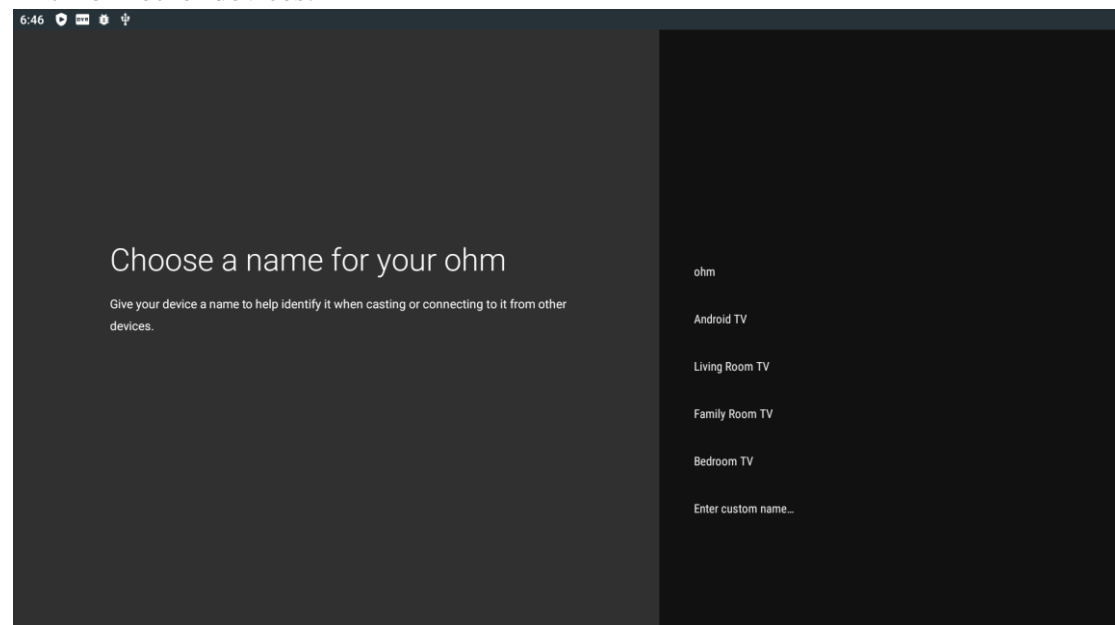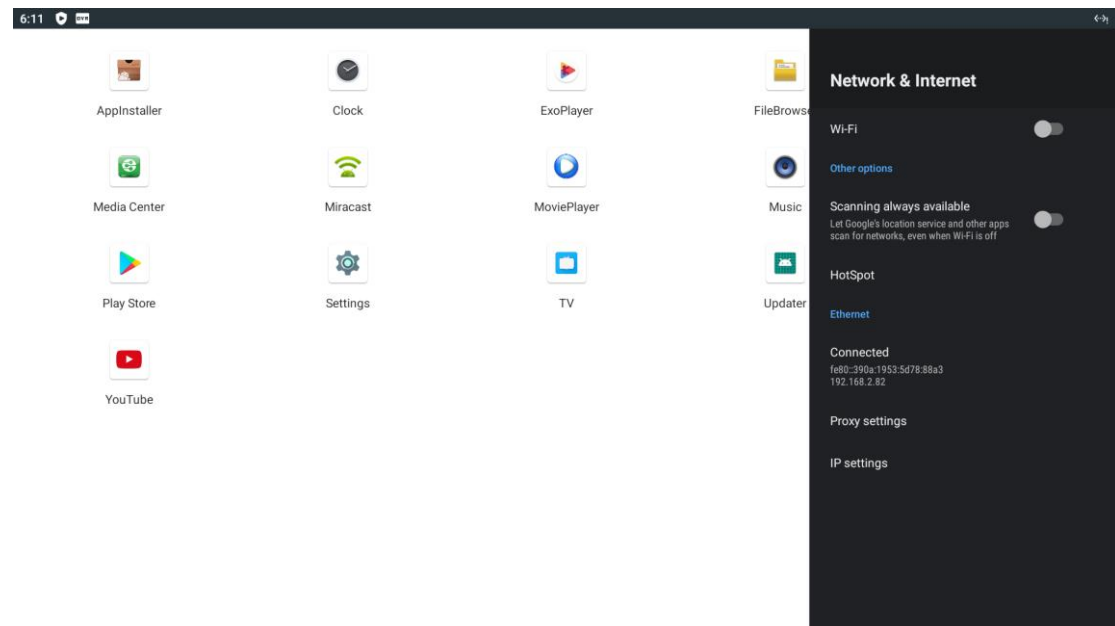Before pairing your Bluetooth devices, make sure they are in pairing mode

3.3 Ethernet

3.4 Set your device name

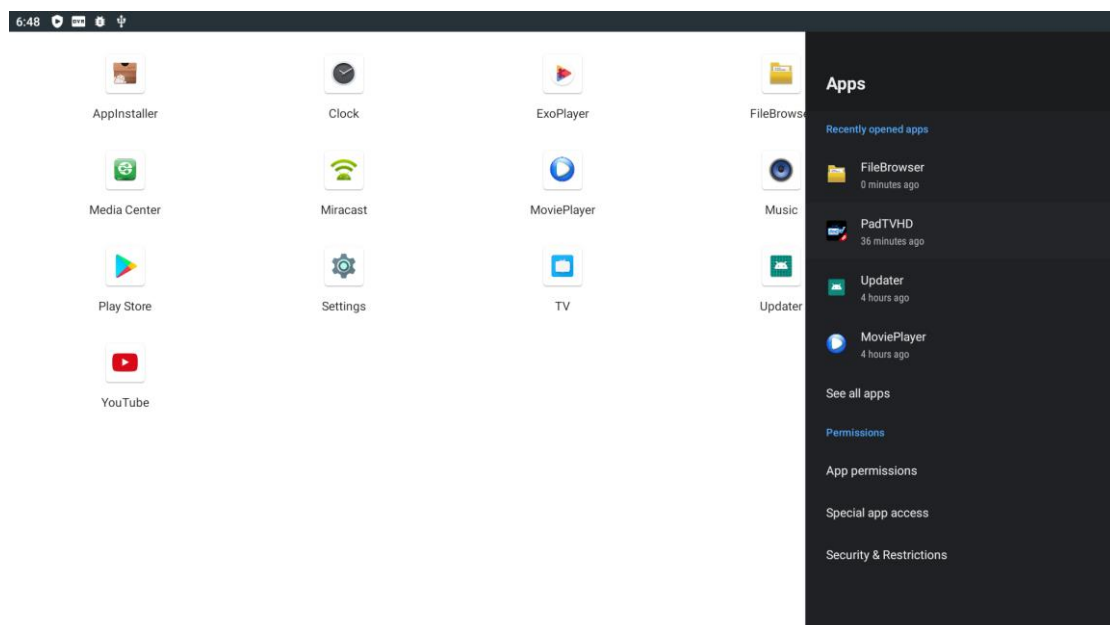Name your device so you can identify it when you project content to it or connect to it from other devices.
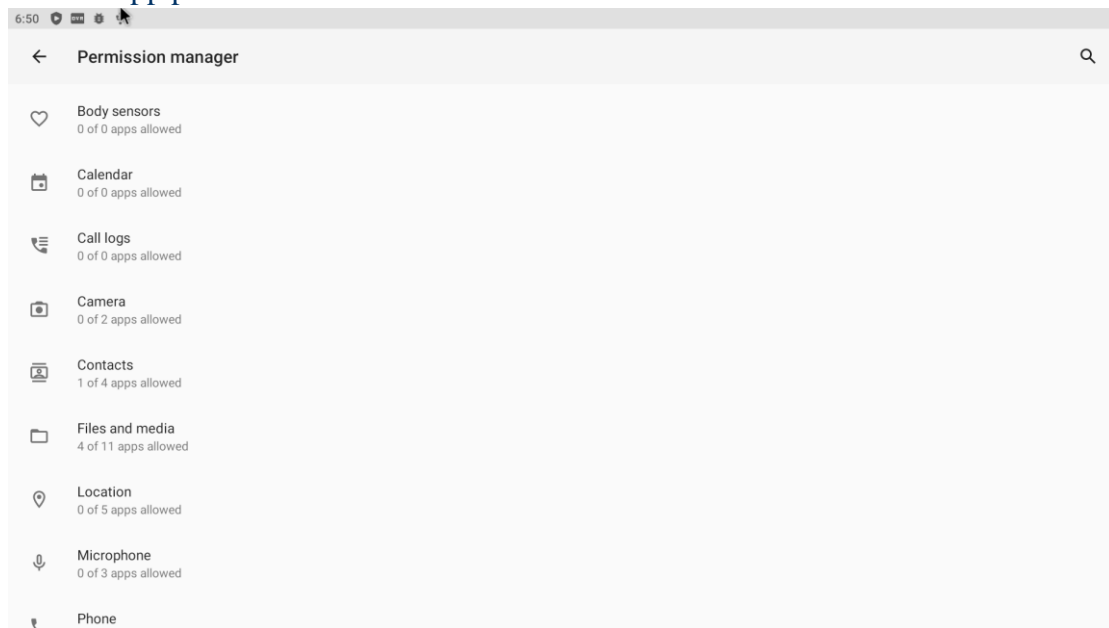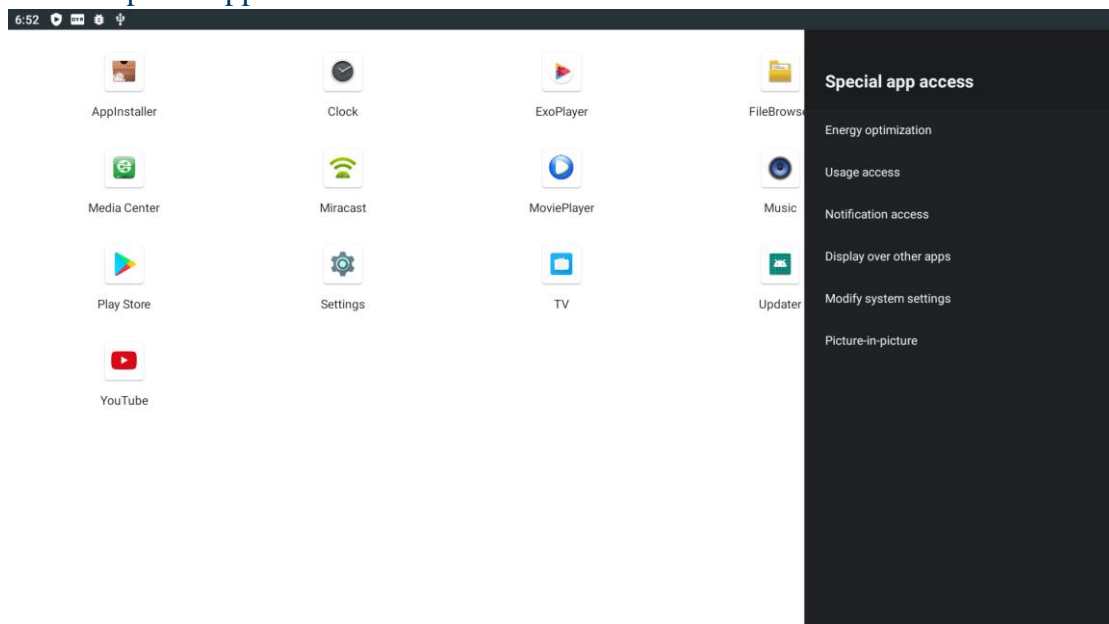
3.5 Networks　& internet

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.
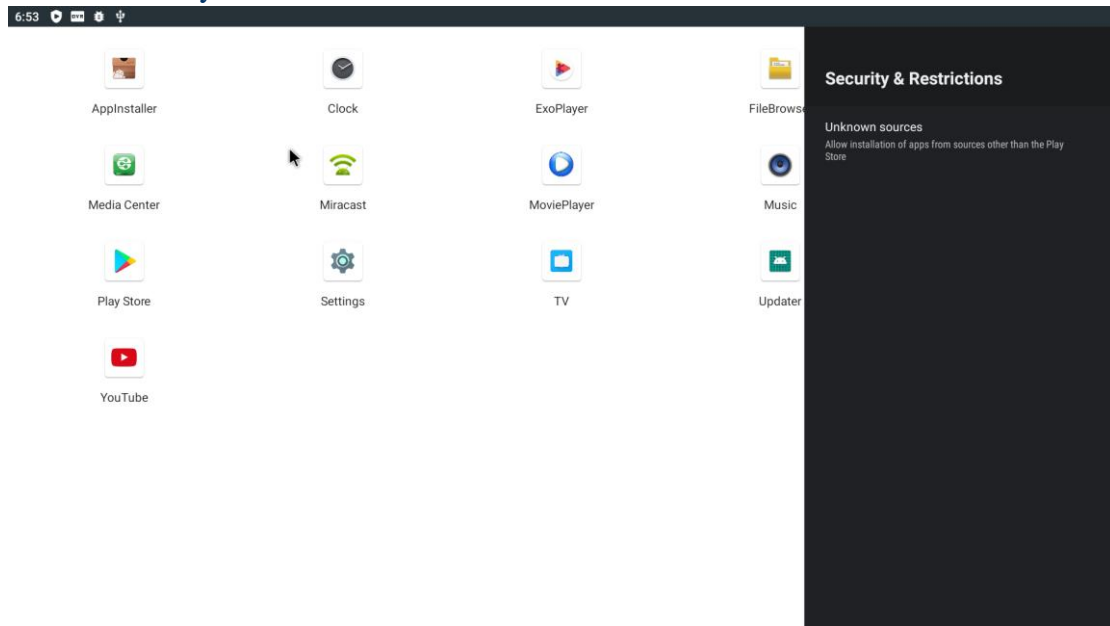
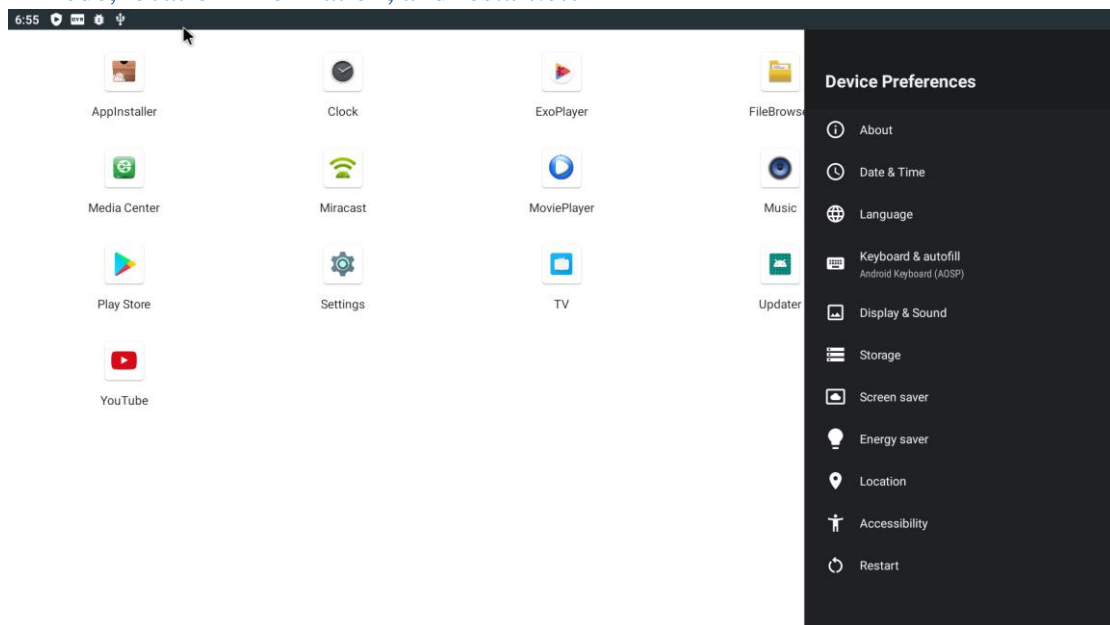## 3.6.1 App permissions

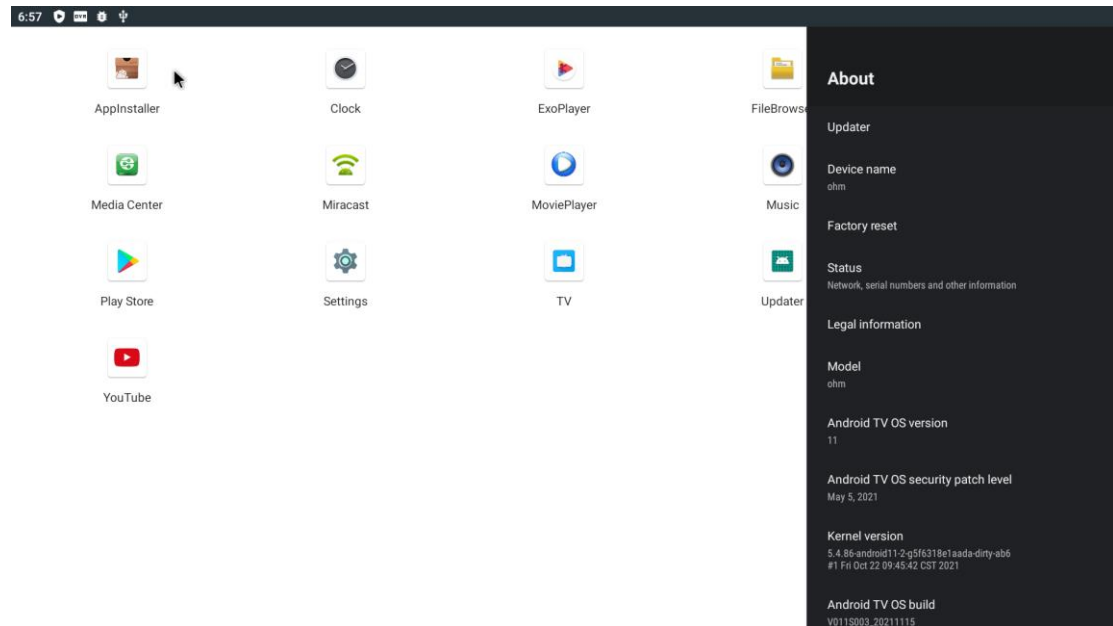## 3.6.2 Special app access

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
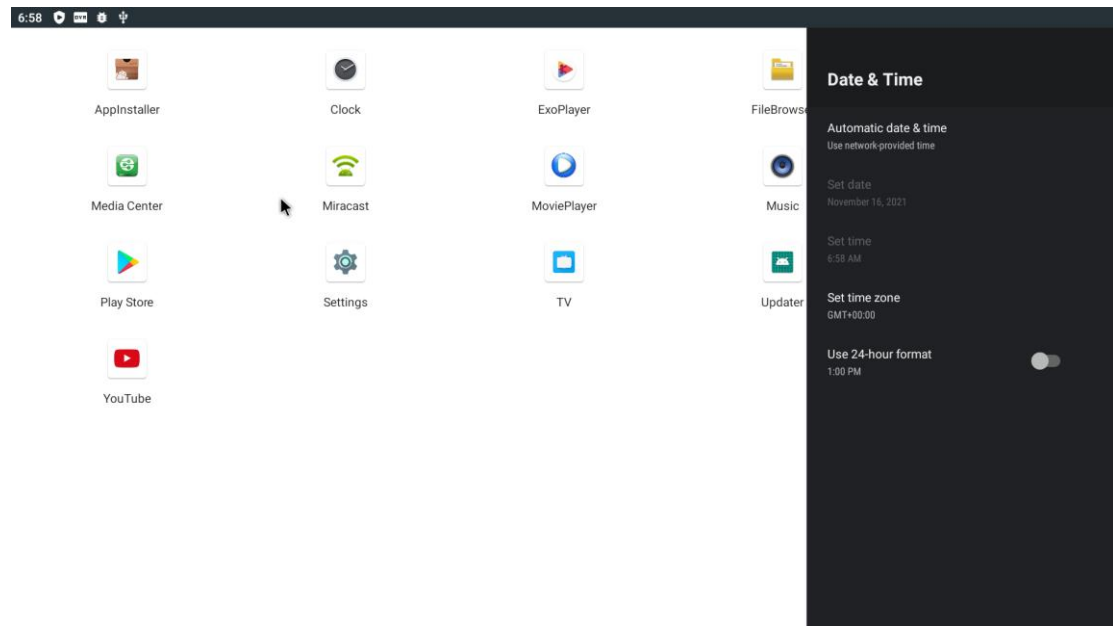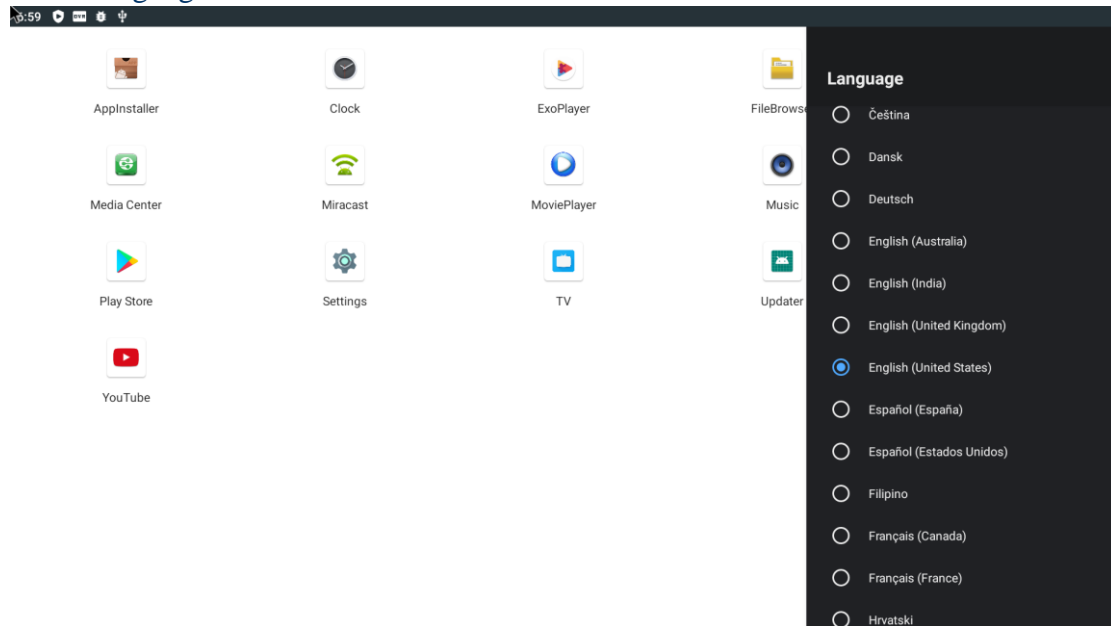
3.7.1 About
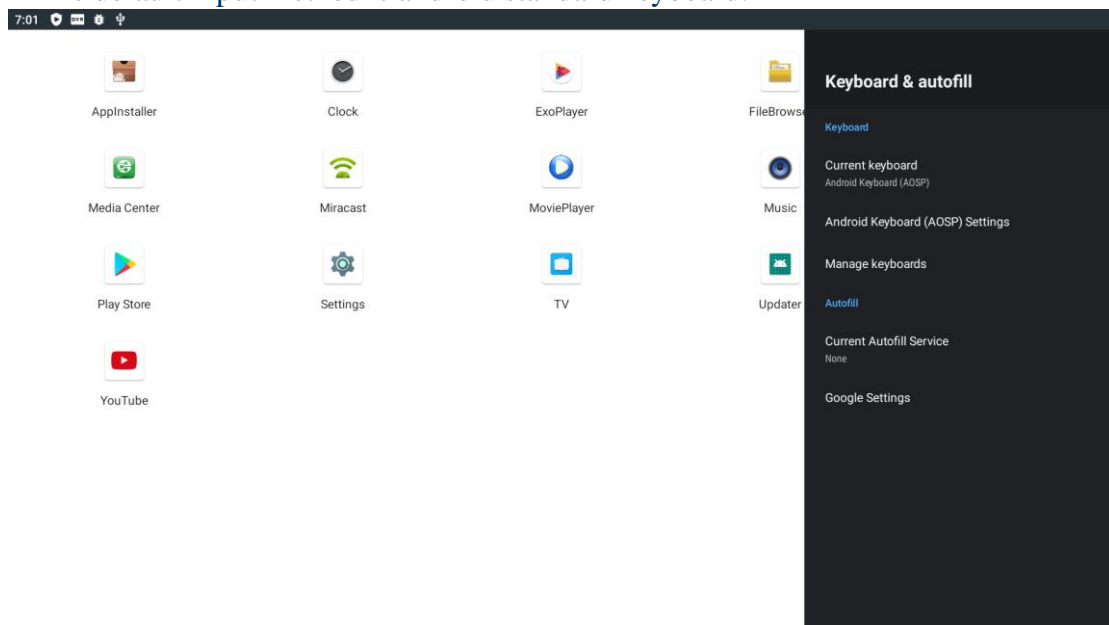

3.7.2 Date&Time

3.7.3 Language
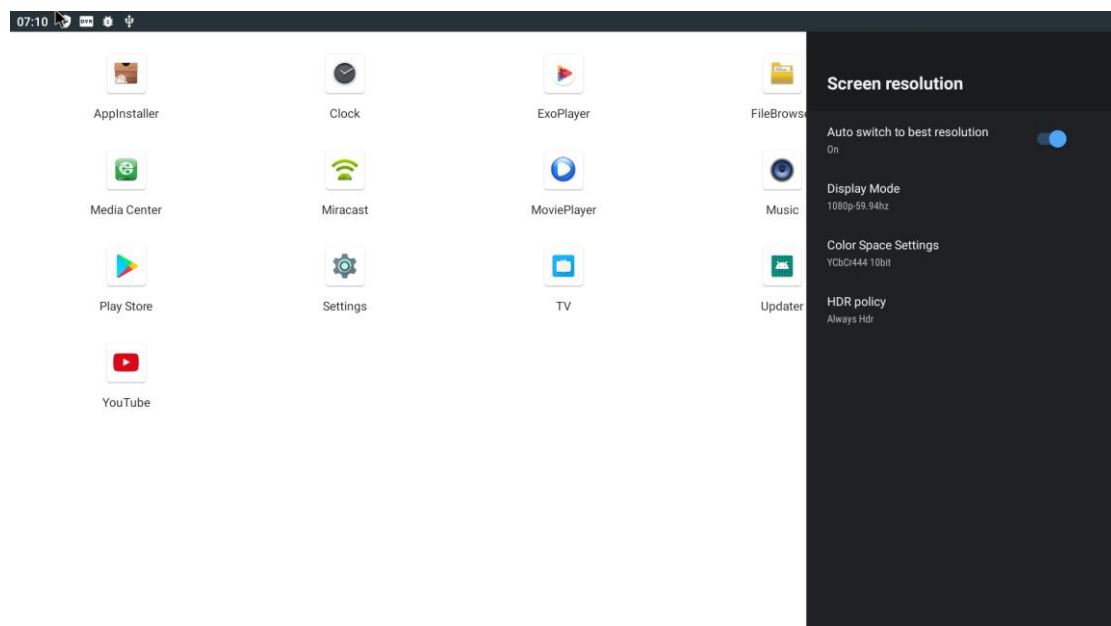

3.7.4 Keyboard & autofill

Change Keyboard language and input method.

The default input method is android standard keyboard.

3.7.5Display & Sound
Here you can see the screen resolution, zoom, HDMI CEC and sound Settings
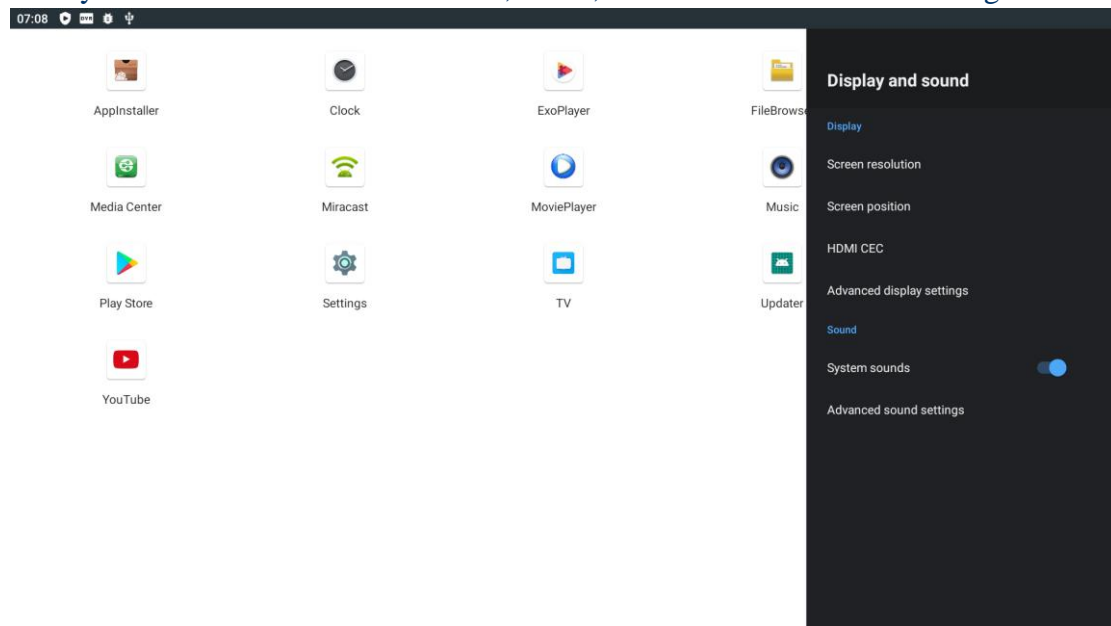
make the items on your screen smaller or larger. Some apps on your screen may change position
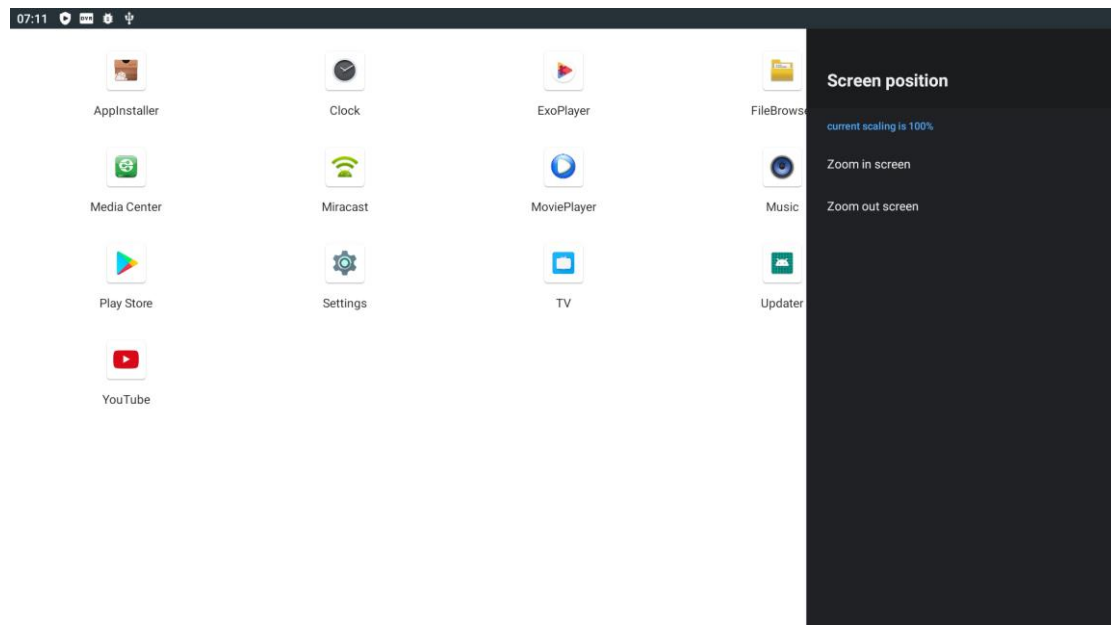
3.7.6 Storage
Shows the storage used of the OS and SD card.

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
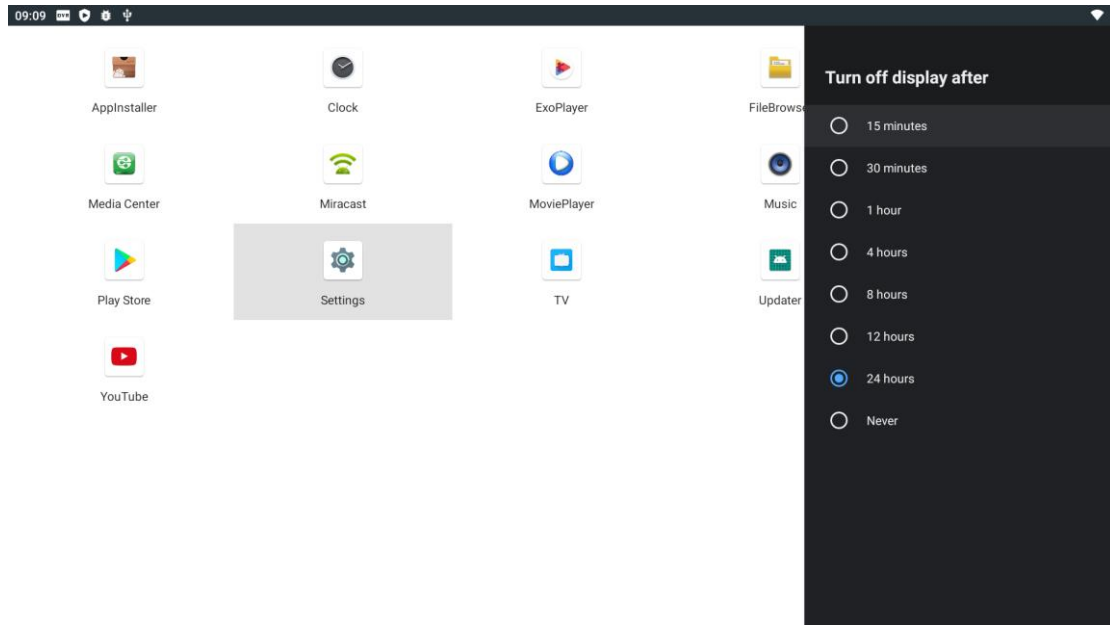
3.7.9 Location
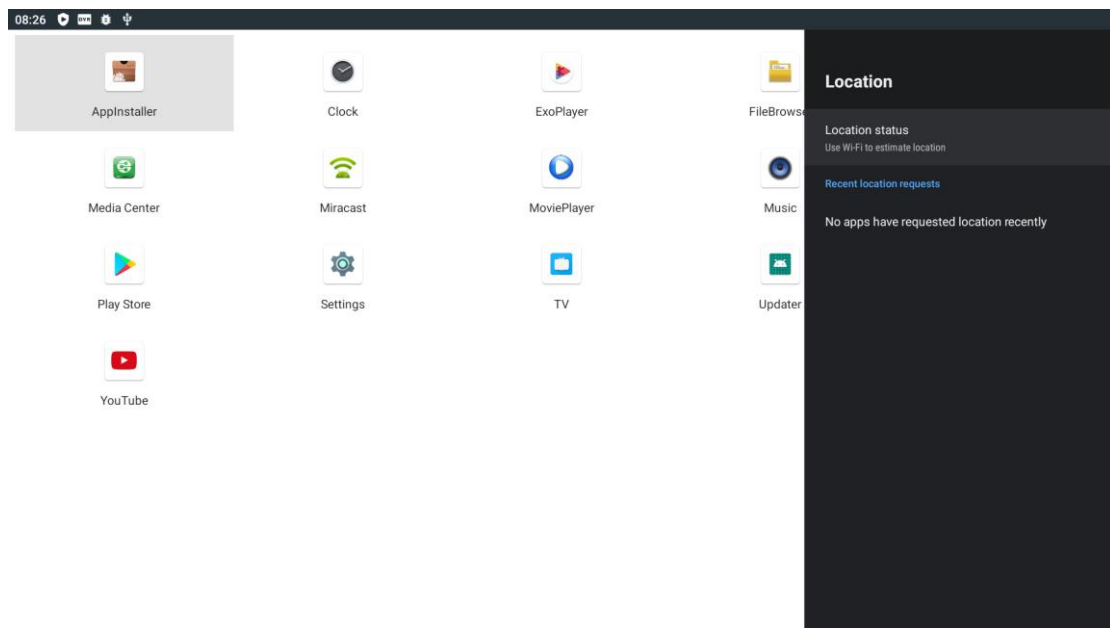
3.7.10 Restart
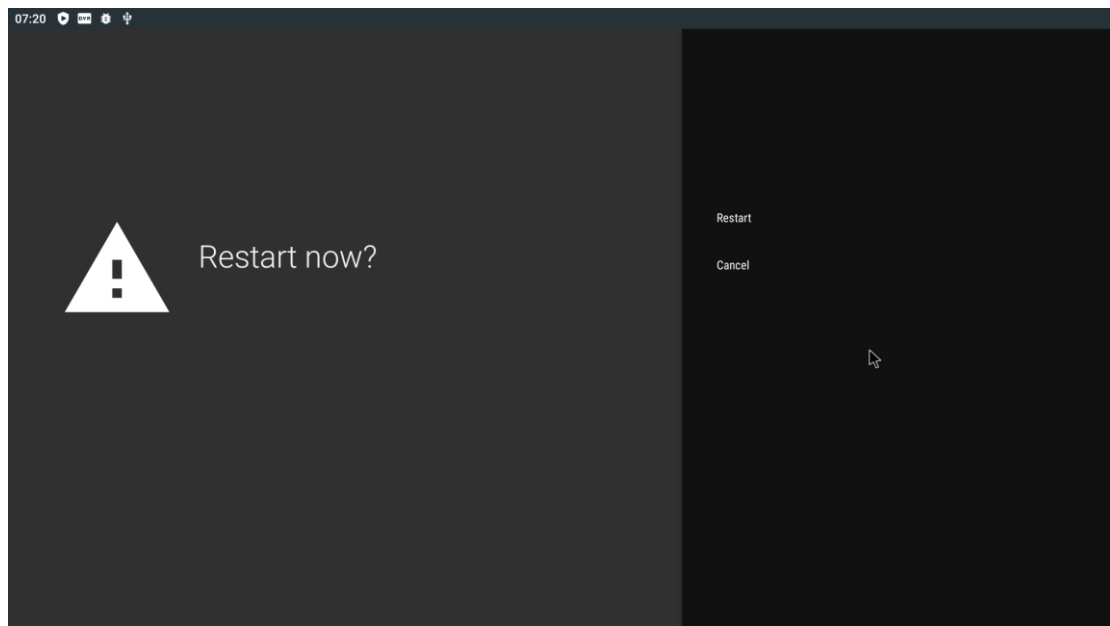
3.8 Remotes saver
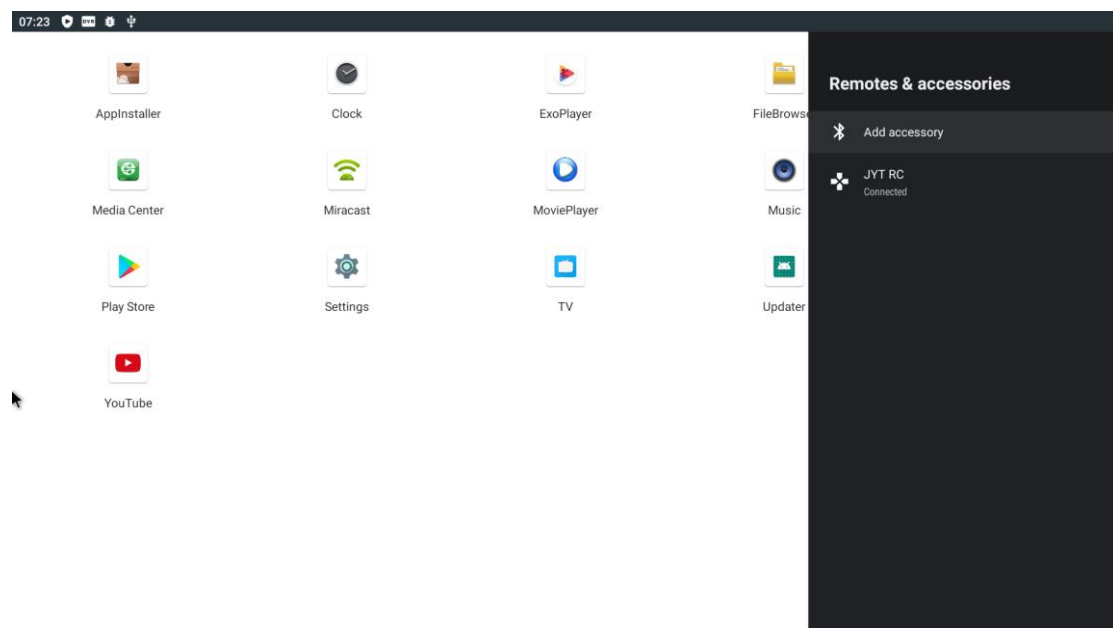
3.9 Reset options
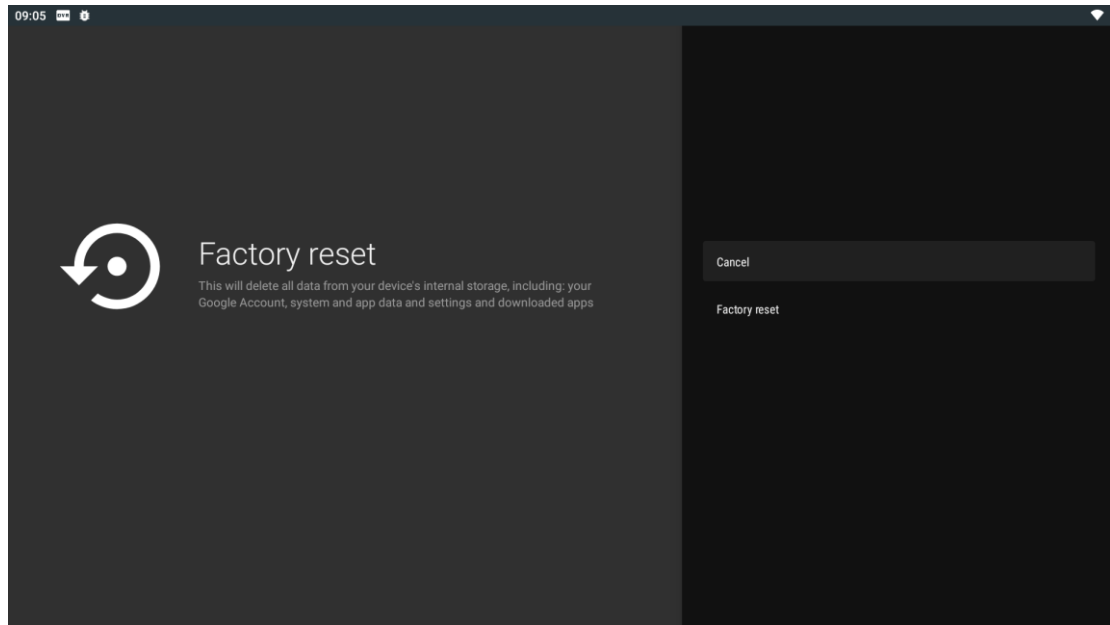
Factory data rest:

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

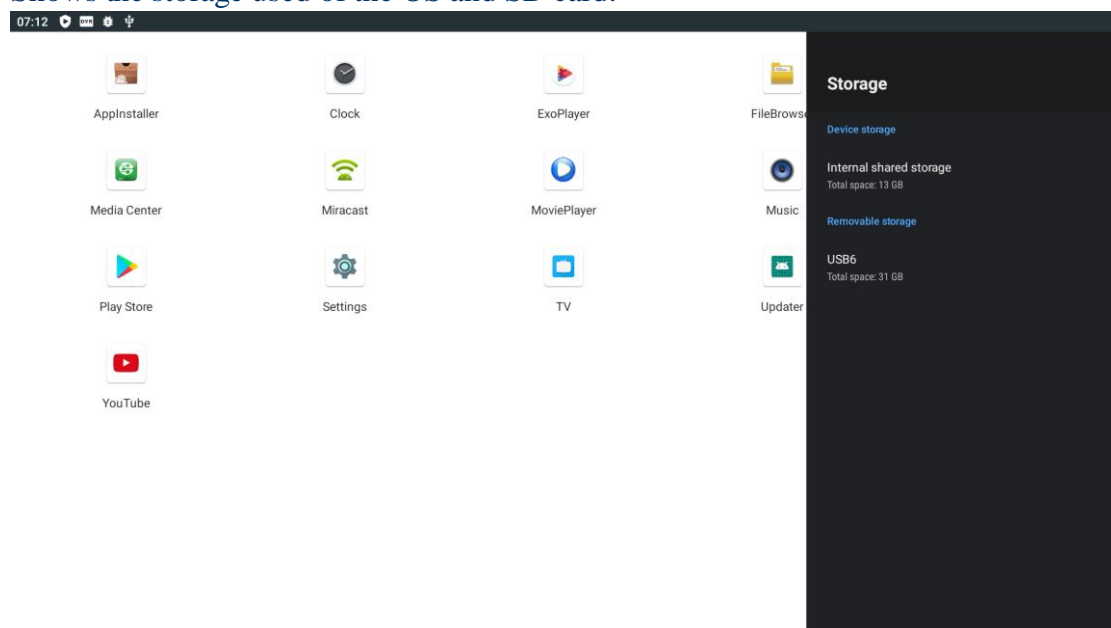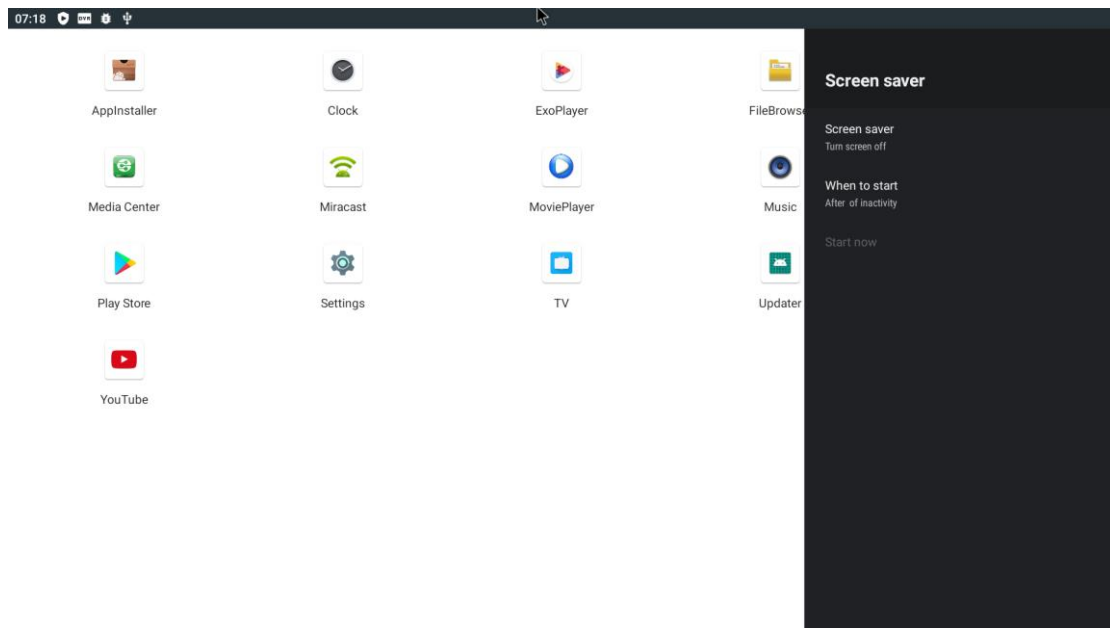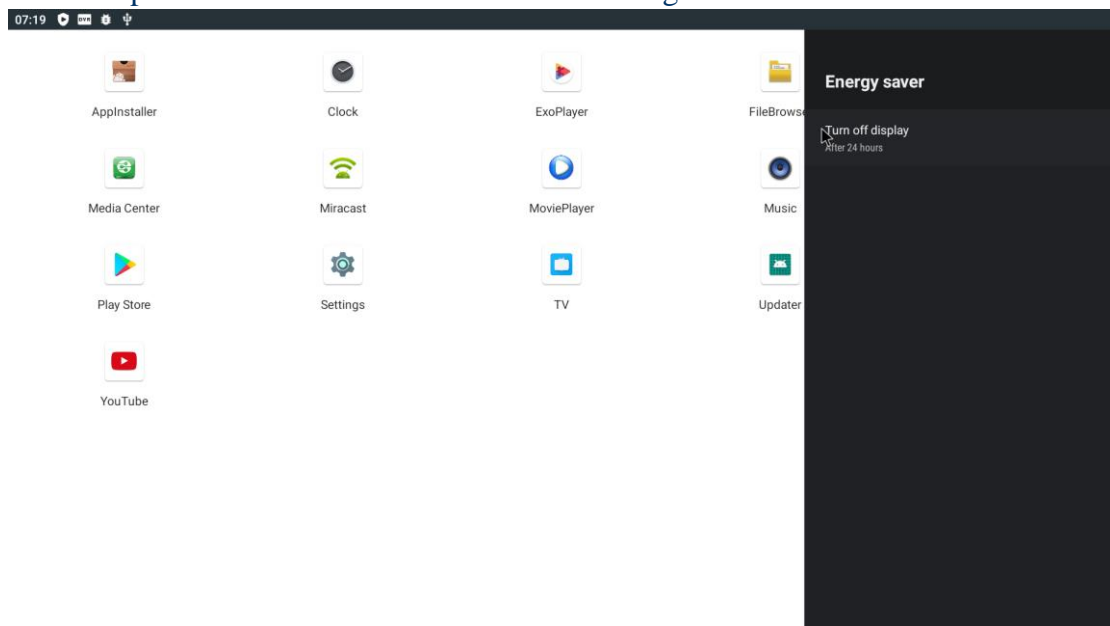Note: You might want to backup important data before resetting the box. Once you choose to rest to factory default, all data/apps will be deleted.

4. Apps Install & Uninstall

On APC329L, 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 APC329L.

You also can manage apps on APC329L 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 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	64-bit quad core ARM Cortex A55 CPU up to @ 2.0GHz
GPU	ARM G31 MP2 GPU
RAM	2G LPDDR4（Optional 4G）
ROM	Built-in 8G EMMC（Optional 16/32G）
OS	Android 11.0
USB	USB2.0*1　USB3.0*1
HDMI	V2.0
DC Input	5.0V-2A
LTE/GSM/GPS	MICRO SIM Card
Video Output	HDMI
Audio Output	HDMI
IR receiver	Support IR Remote
GPS PORT	Support external GPS antenna
RS232	*1
LAN	Integrated IEEE 802.3 10/100/1000M Ethernet MAC controller with RGMII interface
Wi-Fi	IEEE802.11a/b/g/n/ac W-LAN
BT	Bluetooth 4.1
Audio Decoding	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
	Low-power VAD
	Built-in serial digital audio SPDIF/IEC958 input/output, and PCM input/output, SPDIF supports 192KHz 16/24/32bit stereo
	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
	Digital microphone PDM input with programmable CIC. LPF: HPF. support up to 8 DMICs
	Built-in stereo audio DAC
	Supports concurrent dual audio stereo channel output with combination ofanalog+PCM or I2S+PCM
Video/Picture Decoder	VP9 Profile-2 up to 4Kx2K@60fps
	AV1 MP-10@L5.1 up to 4Kx2K@60fps
	H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps
	AVS2-P2 Profile up to 4Kx2K@60fps
	H.264 AVC HP@L5.1 up to 4Kx2K@30fps
	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 fomat 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   100*106*25 mm(Not including antenna)

9.Trademark Notice

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