Android TV Box User Manual

H.264
1080P Encoder

H.265
1080P Encoder

4K
ULTRA HD

3D

KODI

⚠ IMPORTANT SAFETY INSTRUCTIONS

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

CAUTION: To reduce the risk of fire and electric shock, do not remove the cover (or back) of the unit. Refer servicing only to qualified service personnel.

The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and servicing instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT AND FULLY INSERT.

The apparatus shall not be exposed to dripping or splashing, and that no objects filled with liquids shall be placed on the apparatus.

IMPORTANT SAFEGUARDS

In addition to the careful attention devoted to quality standards in the manufacturer of your video product, safety is a major factor in the design of every instrument. However, safety is your responsibility too. This page lists important information that will help to assure your enjoyment and proper use of the video product and accessory equipment. Please read them carefully before operating and using your video product.

INSTALLATION

1. Read and Follow Instructions – All the safety and operation instructions should be read before the video product is operated.

2. Retain Instructions – The safety and operation instructions should be retained for future reference.

3. Heed all Warnings – Comply with all warnings on the video product and in the operating instructions.

4. Polarization – This video product is equipped with a polarized alternating-current line plug. If the plug fails to fit, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. To prevent electric shock, do not use this polarized plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted without blade exposure. If you need an extension cord, use a polarized cord.

5. Power Sources –

Contents

Chapter 1 System Introduction

1. 1 Key Features

- Support many kinds of IPTV and OTT TV programmes.
- Support FHD H.265, VC-1, H.264, MPEG-2 and many other formats such as MPEG-1、MPEG-2、MPEG-4、DIVX、REALMEDIA and so on. VP9，VP8 MVC.
- Video formats include hevc, avi, mpg, vob, rmvb, mkv, m2ts ,ts and so on.
- Photo formats include JPEG, BMP, and PNG up to 80M pixels.
- Audio formats include MP3、WMA、WAV、AC3、DTS、AAC and so on.
- Support SD/SDHC/MMC cards.
- Support four USB 2.0 host connectors with maximum output current of 1.5A/5V.
- Support standard RJ45 cable network connection and wireless network connection.
- Support infrared remote controller operation.

1. 2 Environment for System

Operation : Temperature limitation: 0--40℃; Humidity limitation: 20--80%.

Storage: Temperature limitation: -20--50℃; Humidity limitation: 10--90%.

1. 3 Package Contents

Accessories	Quantity
Power adaptor	1
Remote control	1
HDMI cable	1
User manual	1

Chapter 2 Remote Controller

2. 1 Introduction of Remote

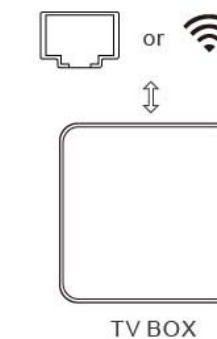| Photograph	Key	Function
	Power	Turns on or off the device
	Mute	Mutes audio (separate to TV)
	Red MEDIA	Opens the Video app
	Green TV	Opens the Photo app
	Yellow WEB	Opens the Browser app
	Blue APP	Opens the Apps list
	VOL-	Turns down audio (separate to TV)
	Rewind	Rewinds current playback
	Fast Forward	Fast forwards current playback
	VOL+	Turns up audio (separate to TV)
	HOME	Goes back to the Home Screen
	RETURN	Returns to the previous page
	Arrows	Navigates around the interface
	MENU	Bring up a context-sensitive menu
	MOUSE	Enables mouse-like operation
	Numpad	Used for text input
	Numpad Mode	Swaps numpad from numbers to letters
	Delete	Deletes the most recent character

Chapter 3 System Connection

3.1 Installation guide
3.2 Connect TV box to TV and Connect Network

Power Adapter
100-240 VAC/
50/60Hz

HDMI Cable
Connect the HDMI
cable to TV

Power   USB   HDMI OUT   LAN   SPDIF

❶ Connect TV Box to TV

HDMI
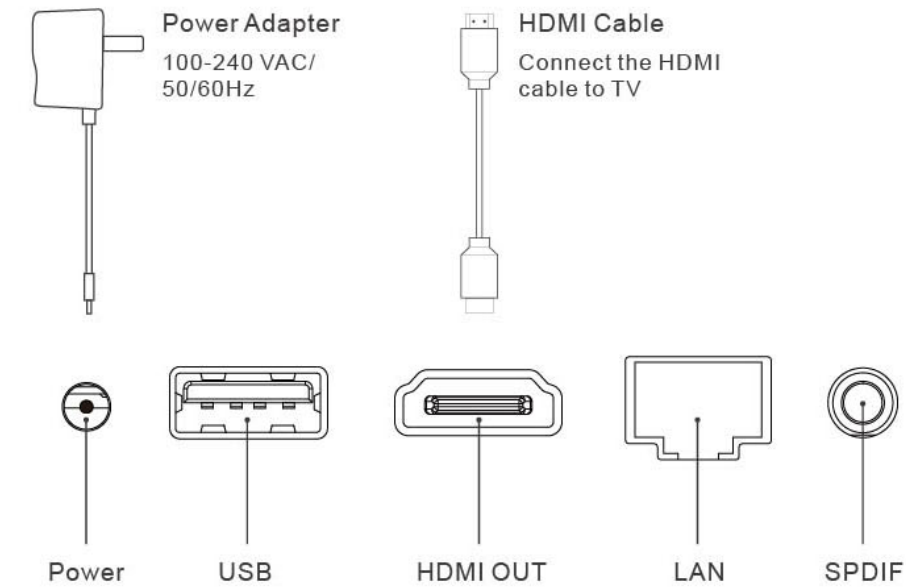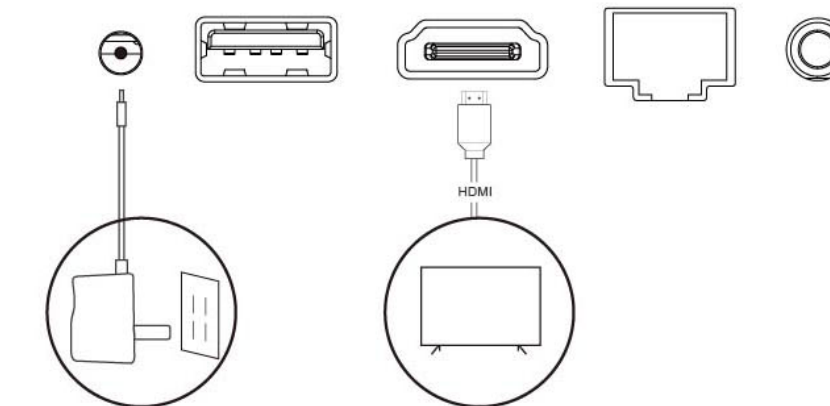
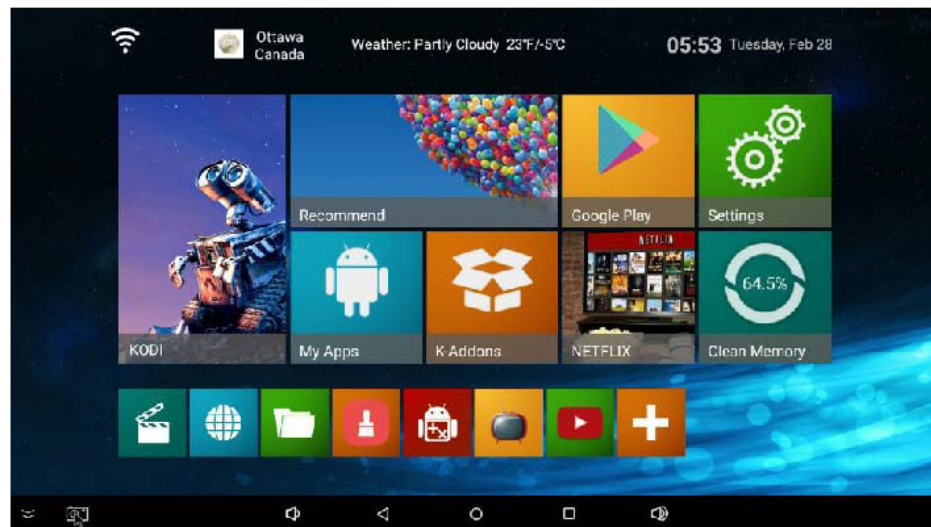❷ Connect Network   or 📶

TV BOX

3.3 Startup

Turn on the TV box while indicator light is blue. Enter into main menu at about 30 seconds.

3.4 How to make the status bar visible or invisible

Put your mouse at the bottom of the screen and then drag it up, then status bar will appear
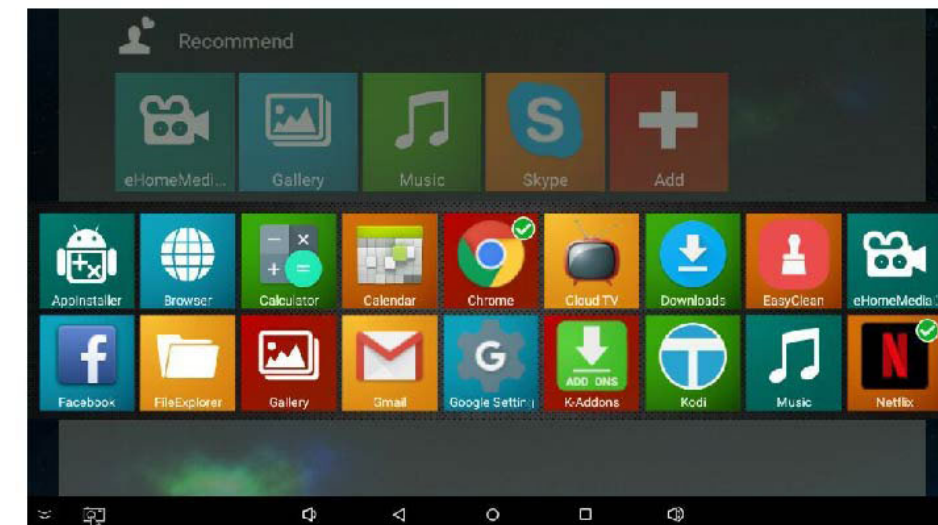Press the arrow icon on the status bar, then it will hide.

Chapter 4 Main User Interface

After you device booting, it will automatically go to below main user interface

4.1 My Recommend

You can move all your favorite apps to this category, by click "Recommend" "-"+" Choose the apps from "My Apps"
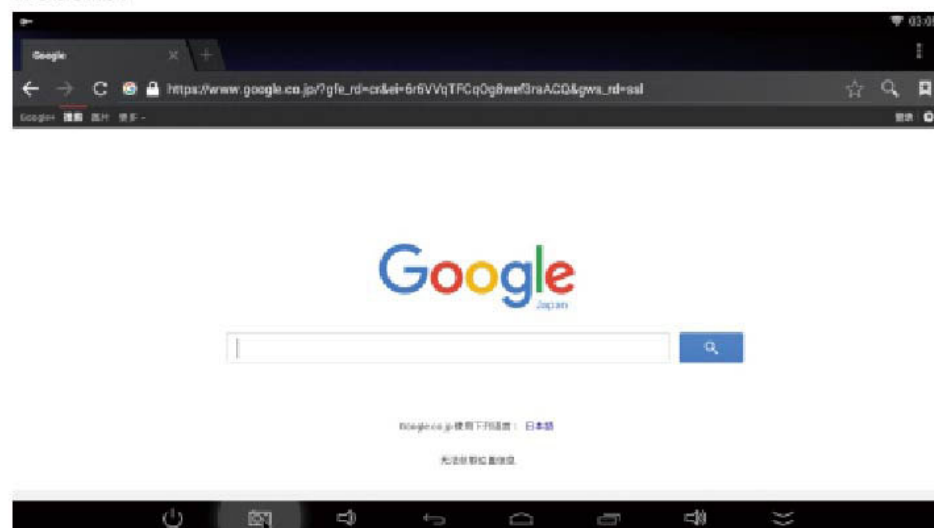
4.2 Browser

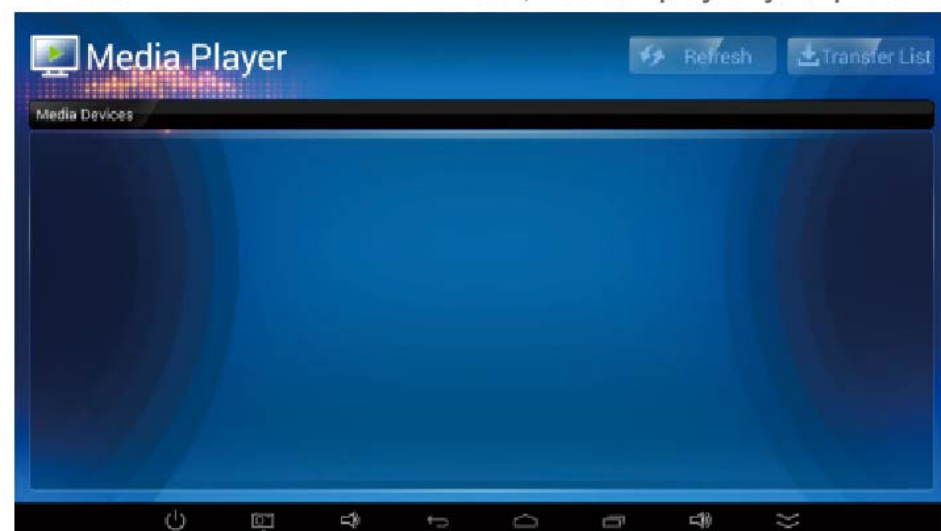Move to "Browser". Press OK to enter in.

It is a convenient way for you to go to your desired website.

Notice: Please go to the system setting to set the internet connection before entering into the website.

4.3 eHomemediacenter

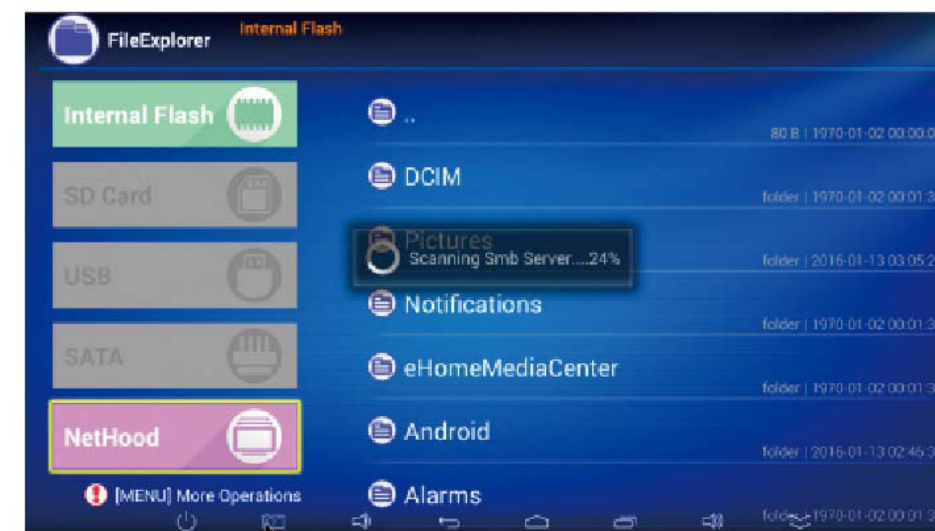Move to " eHomemediacenter "icon, You can play all your prefer media here.

4.4 FileExplorer

Move to "FileExplorer". Press OK to enter into the device list.

When inserting with USB device or SD/SDHC/MMC cards, the sign "Device is mounting" will be shown on the screen.

Here you can cut, copy, paste and move the files and folder between the local disk and external storage card.

4.5 Download

Move to "Downloads". Press OK to enter in. You can check the status here when downloading apks from the internet.
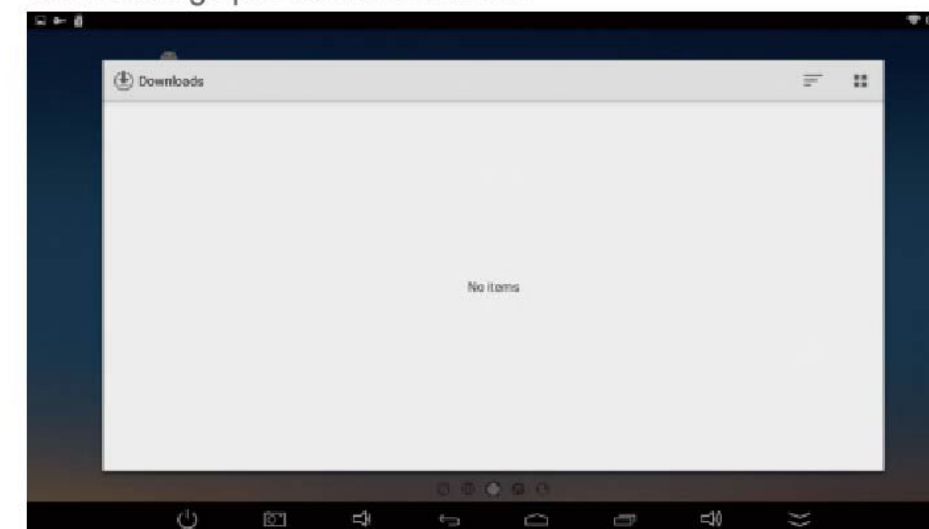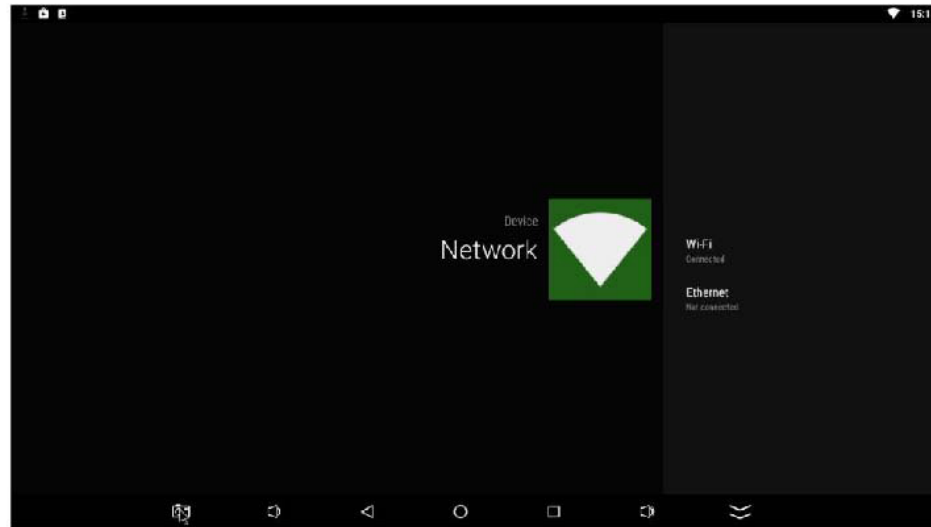
Chapter 5 Setting-Option 1

5.1 Network

Wifi
Select "Wi-Fi", system will start scanning available Wi-Fi networks around you automatically. Press
OK to choose your Wi-Fi network and enter your password
After authenticating IP address, when "Connected" is show, Wi-Fi is available now.
Or you can use the external lan port for internet connection

5.2 Other settings

You can easily set up Display, System sounds, Apps, Storage & Reset, About, Date & Time,
Language, Keyboard, accessibility Personal following the instructions.

Chapter 6 Setting Option 2

Go to setting-more setting, then you will go to Android original setting as below.
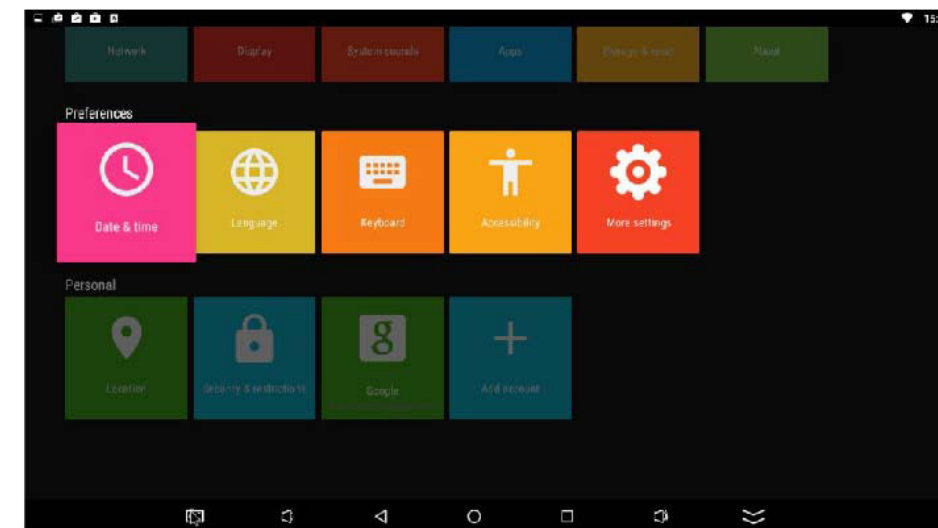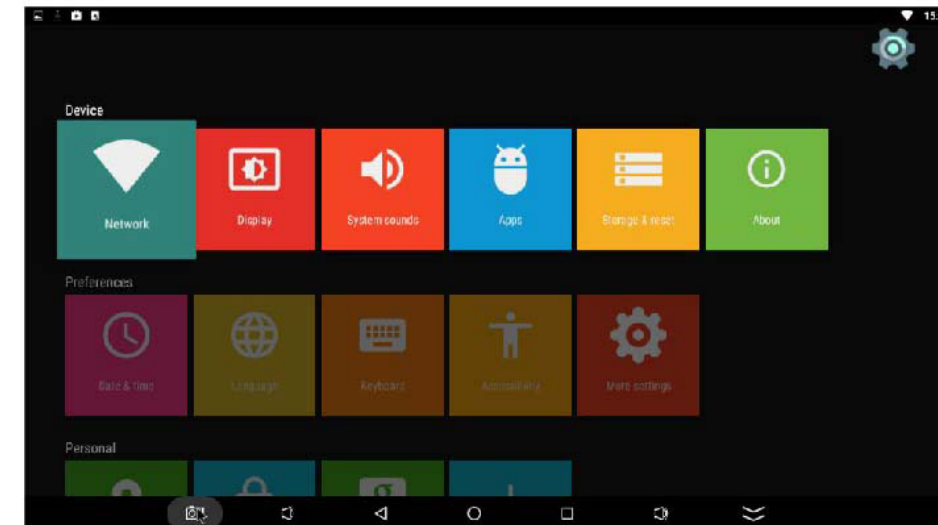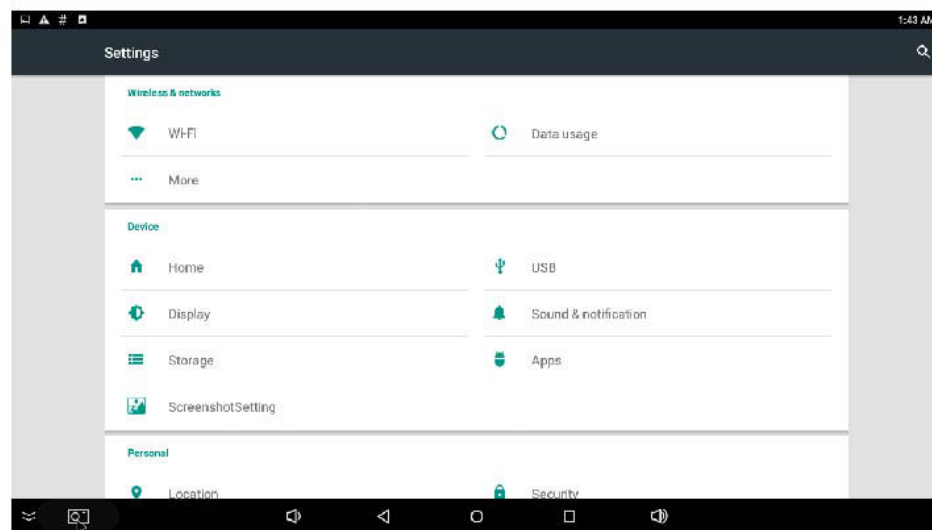
6.1 Network

Wi-Fi
"Select""Wi-Fi", System will start scanning available Wi-Fi networks around you automatically.

Press OK to choose your Wi-Fi network and enter your password.
After authenticating IP address, when "connected" is shown, Wi-Fi is available now.

Notice: Or you can use the external Lan port for internet connection
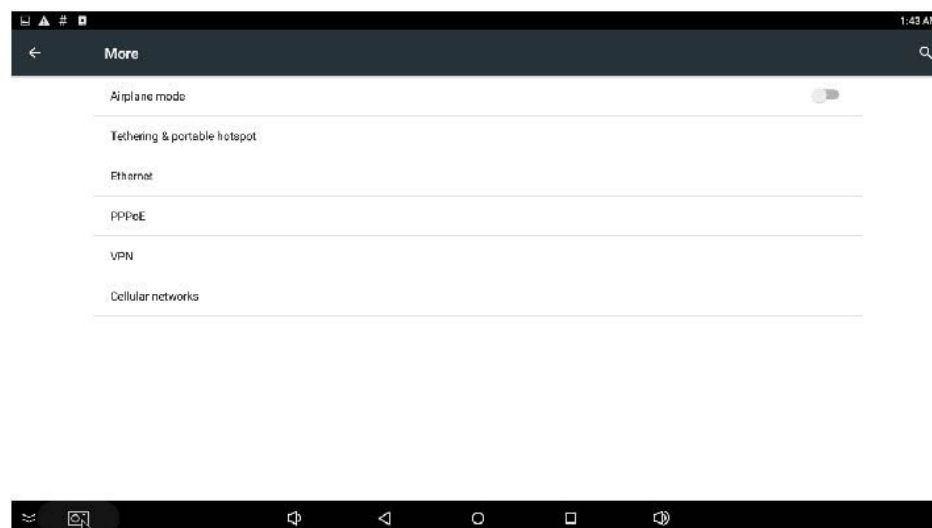
6.2 Back Up Your Device
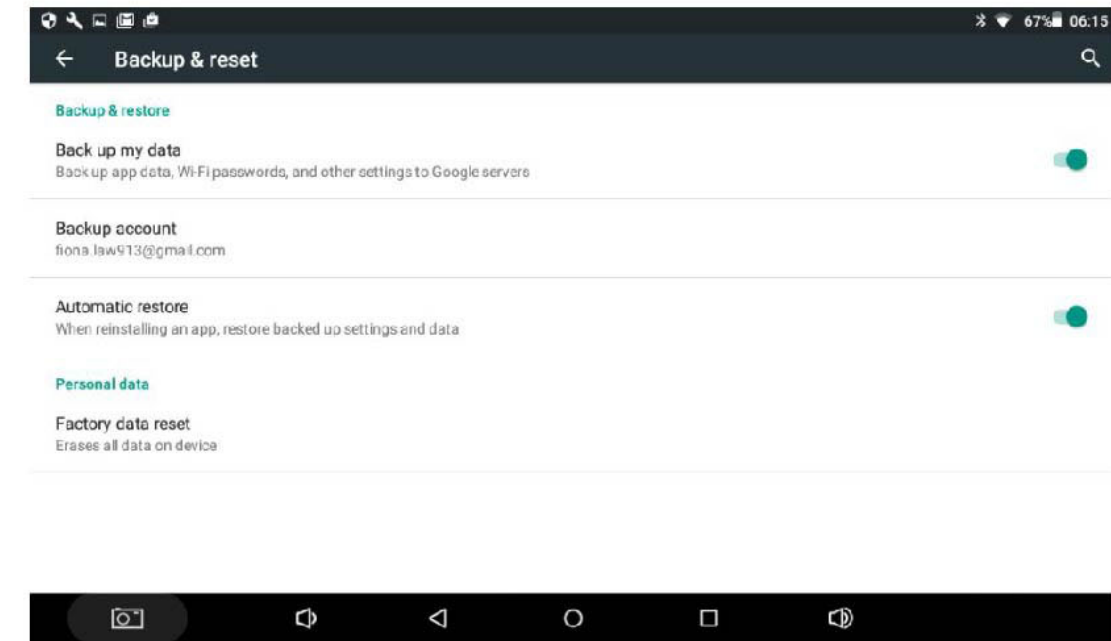
To back up App data, Wi-Fi passwords, Browser bookmarks and other personal device settings with Google servers:

1. Click the APPS button at the bottom of the screen.
2. Click on the Settings.
3. Click "Backup & Reset".
4. Check "Back up my data".

6.3 Resetting Your Device to Factory Default

To erase all custom data on your device:
1. Click the APPS button at the bottom of the screen.
2. Click on the Settings.
3. Click "Backup & Reset".
4. Click "Factory data reset".
5. Click "Reset device".

6.4 Installing / Uninstalling Apps

1. To install an app, you must first be logged into your Google account (see Add/Remove Online Accounts). Then:
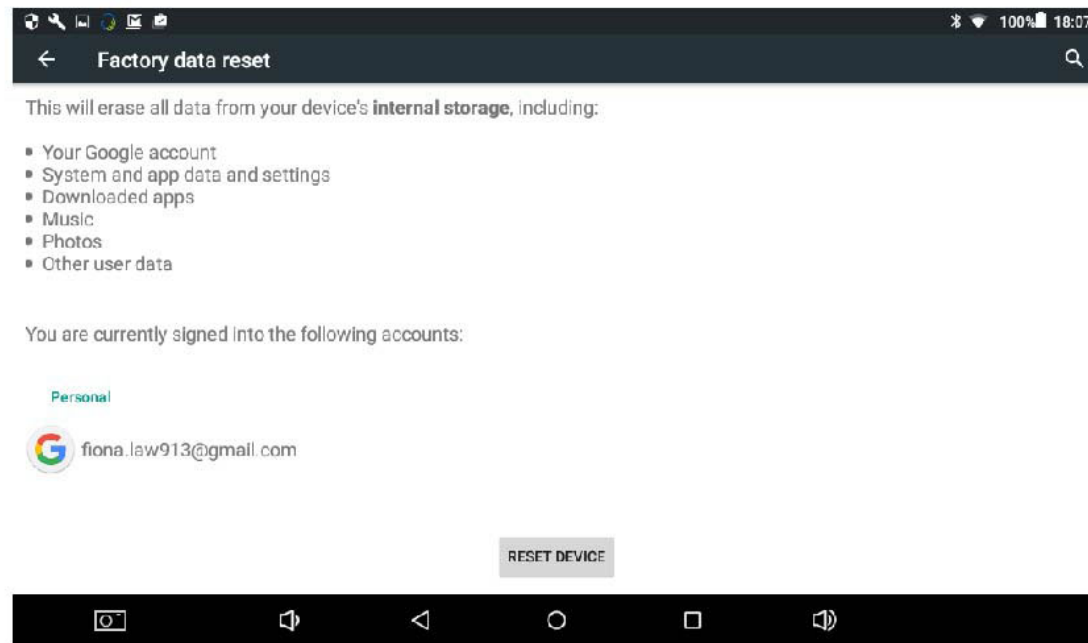   a. Click the APPS button at the bottom of the screen.
   b. Click on the Play Store.
   c. Search for the app you want.
   d. Click the green "Install" button if it's free, or the same green button that has the apps listed price (this will incur charges to your Google account).
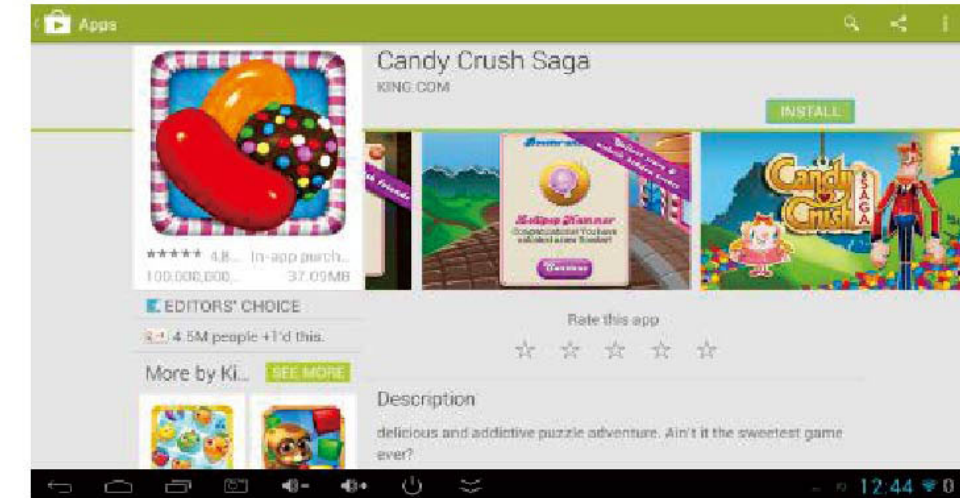
2. To uninstall an app:

   a. find in app of APKinstaller

   b. click it

   c. then you will get a page with "Install", "Manage" and "Exit"

   d. click "Manage"

   F: You will get a list of all apps installed.

   g: Find the app that you want to uninstall, say "Chrome", you will get a page as below, then click uninstall
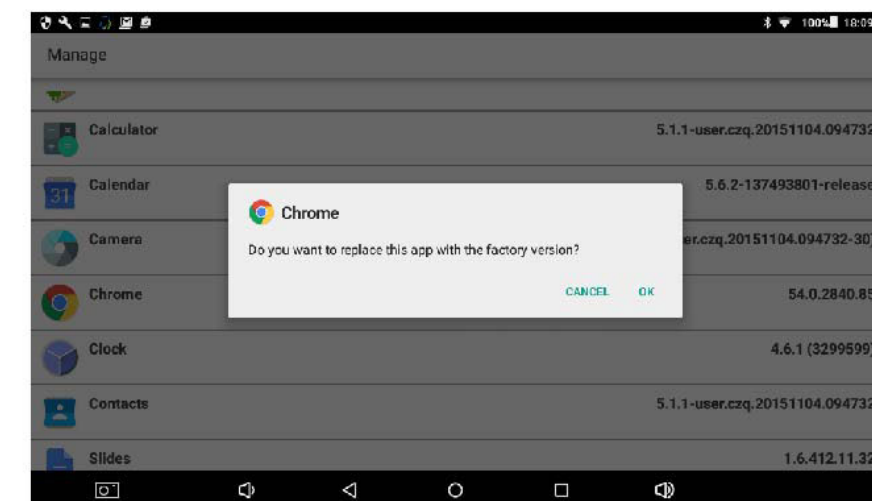
Chapter 7 Trouble Shooting

Under no circumstances should you try to repair the TV Box by yourself, as this will invalidate the warranty. Do not open the TV Box as there is a risk of electric shock. If a fault occurs, first check with points listed below before taking the TV Box for repair. If you are unable to remedy a problem by following hints, consult your dealer for help.

Problem	Solution
No power	-Check if the power adaptor is properly connected to the power and the TV Box. -Press the power on the remote controller to turn on the power.
No picture	-Reconnect with HDMI cable or AV cable. -Check if the TV is switched on.
No sound or distorted sound	-Adjust the volume. -Check that the speakers are connected correctly.
No audio or digital output	-Check the digital connections. -Check if your amplifier is set correctly.
The box does not respond to the Remote Control	-Aim the remote control directly at the sensor on the front of the TV Box. -Reduce the distance to the TV Box. -Replace the batteries in the remote control.
Player does not respond to some operating commands during playback	-Operations may not be permitted. Refer to the user manual. -Possibility of system halted, re-insert with power adaptor to restart.
No sound during movies playback	-The audio codec may not be supported by the TV Box. You can change tothe supported audio on playing menu. -Check the volume.
The contents of the USB flash drive cannot be read	-The USB flash drive format is not compatible with the box. -If one of the USB can not be read, please turn off the TV Box for 30seconds and restart the TV Box.
Slow operation of the USB flash drive	-Big file size or high resolution USB flash drive takes longer time to read and display on the TV screen.
No sound with HDMI connection	-Check the connection between the TV and the HDMI jack of box. -Check your TV system setup. -Check the volume.
The TV screen is blank and the player LED is blinking	-Turn off your TV Box,wait 30 seconds,turn it on again. -If under HDMI status,check if HDMI connection is corr ect or change another HDMI cable set the output resolution of this TV Boxinto 720p.

Chapter 8 Specifications of appendix

Configuration parameters	
Product Type	4K Quad Core Smart TV Box
CPU	RK3229
Main Frequency	28nm Quad core Cortex A7 1.5GHz 64bit, High cost performance
GPU	ARM Mali-400 GPU
RAM	1GB DDR3
Storage	8GB
Operating system	Android 6.0 Marshmallow
Main Applications	
User interface	Stock Android Launcher interface style MediaBox Launcher interface style
Browser	Stock Android Browser

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They may differ from the actual product and are subject to change without notice.

Content shown may vary from actual available content, which may change without notice.

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.

Note: 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.

* RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.