

---

## Contents

1	Functional Characteristics .....	2
2	Technical Specification .....	3
3	Host Physical Connection Diagram .....	4
3.1	Exterior view and instruction for remote control .....	5
4	Initial usage .....	6
4.1	Power .....	6
4.2	Remote control operating range .....	6
4.3	Connection .....	6
4.4	Reset function .....	6
5	Operation Menu .....	7
5.1	Main menu .....	7
5.2	Video Menu .....	7
5.3	Photo Menu .....	8
5.4	Music Menu .....	9
5.5	Bookmarks Menu .....	10
5.5.1	Add bookmarks .....	11
5.6	Application Menu .....	12
5.6.1	OI file manager .....	12
5.6.2	Picasa .....	12
5.6.3	Video .....	13
5.6.4	YouTube .....	13
5.6.5	APK market .....	13
5.6.6	Uninstall Application .....	16
5.6.7	Browser .....	17
5.6.8	ITV .....	20
5.6.9	Net work share .....	20
5.6.10	IRadio .....	21
5.6.11	Upgrade Firmware .....	21
5.6.12	Downloading information .....	24
5.6.13	Music .....	<b>Error! Bookmark not defined.</b>
6	SETUP .....	25
7	Question and Answer .....	29

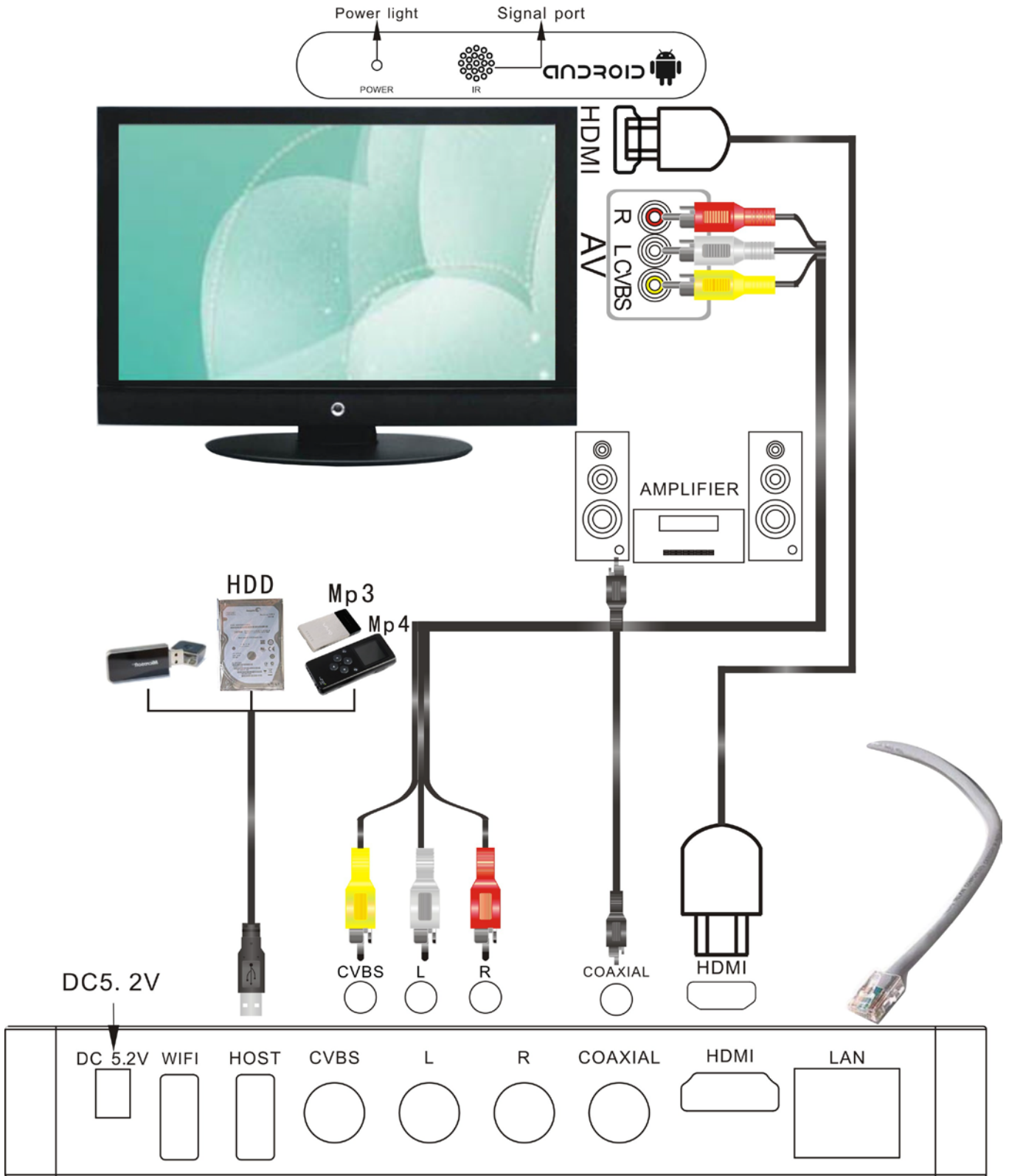
# 1 Functional Characteristics

- ※ **With android 2.2 smart Operation System**
- ※ **Support to install compatible APK Android firmware**
- ※ **Built-in browser, Support to browse the web directly**
- ※ **Built-in genuine thunder**
- ※ **Built-in rich network video platform to find the wanted video through the search directly**
- ※ **support 720P、1080I、1080P ( 1920x1080 ) High-definition resolution video decoding**
- ※ **Support network commonly used RM/RMVB-HD format,1920\*1080P**
- ※ **Support H.264, VC-1, Real Video, VP6, MPEG-1/2/4, DivX4/5/6 etc video decode**
- ※ **Support MP3, WMA, WMV, AMR, AAC, OGG etc audio format**
- ※ **Support JPEG, BMP, GIF, TIFF, PNG photo format**
- ※ **Support \*.srt 、 \*.sub format subtitle**
- ※ **Support DTS、 AC3 Digital audio decoding , decoding L/R track directly**
- ※ **Support the digital audio coaxial output**
- ※ **For MKV、 TS/TP etc format video files , supports Multi-Audio-track switch freely**
- ※ **Support WIFI、 Infrared remote control、 wireless/USB keyboard mouse**
- ※ **Support U disk、 Moveable hard disk、 SD/MMC card**
- ※ **Built-in USB (host), external USB port requirement**

## 2 Technical Specification

Expand Interface	<ul style="list-style-type: none"> <li>⊗ Network interfacex 1</li> <li>⊗ CVBS</li> <li>⊗ Coaxial output ( support 5.1、 7.1 track )</li> <li>⊗ HDMI 1.3 output</li> <li>⊗ HDSO card slot (support SD/MMC Pro)</li> <li>⊗ USB 2.0 port 2 (compatibleUSB 1.1)</li> </ul>
HDD format	⊗ NTFS/FAT32
Video Files	⊗ H.264, VC-1, Real Video, VP6, MPEG-1/2/4, DivX4/5/6 etc
Audio Files	⊗ MP3, WMA, WMV, AMR, AAC, OGG Vorbis, PCM/ADPCM, AC-3, DTS etc
Support subtitles format	⊗ SRT、 SUB、 SMT、 SSA、 IDX+SUB
Network interface	<ul style="list-style-type: none"> <li>⊗ 10/100 network card</li> <li>⊗ Support external WIFI dongle via USB , WIFI dongle No : 802.11b/g/n</li> </ul>
Specification	<p>Bit rate 32Kb/s ~ 320Kb/s</p> <p>Stereo audio output : 2.0V ± 0.2Vp</p> <p>Frequency response : 20Hz-20KHz ≤2db(1KHz 0db)</p> <p>SNR signal : greater than 80dB(1kHz0dB)</p> <p>Dynamic range : greater than 80 dB(1kHz0dB)</p> <p>crosstalk : greater than 80 dB(1kHz0dB)</p>
Power Adaptor	Input Voltage :100-240V , 50/60Hz , Output Voltage : 5.2V 2A
Output	( TV ) CVBS output
	( HD ) HDMI output
Products Size	Product Size :155*102*24 mm      Packing :225*165*65 mm Master Carton size ( 20pcs/ctn ) 50*53.5*38CM
Weight	Net weight :about 0.169 KG      Gross weight :about 0.27 KG
Standard Accessory	Power adaptor、 remote control、 manual、 AV cable
Remarks: The specifications and designs will be modified if necessary without further notice.	

### 3 Host Physical Connection Diagram



**Warm tips: At present only support WIFI dongle Ralink 3070L**

### 3.1 Exterior view and instruction for remote control



★This machine can use wireless mouse and keyboard, click mouse wheel button for return function★

button	function
Power	Running: press this button, into standby Standby: press this button, power on and operation condition
HOME	Shortcuts, a key to return to the main interface
INFO	Switching media sources
MUTE	On mute control
ZOOM-	to play pictures or a movie zoom out
ZOOM+	to play pictures or a movie zoom in
REPEAT	Press this button, setup repeat playing all the files
↻	play music files make setting for random
L/R	switch channel output
Blank keys	No function
RESOLUTION	Switching video output
INS REPLAY	When playing music, press this button. forward playing
CM SKIP	When playing music, press this button. backward playing
PAUSE	pause/stop file
■	Stop the current play files, return to play lists
VOL-	Volume down
VOL+	Volume up
MENU	When playing movie/music, click this button. Display movie/music library operation menu
RETURN	Return back the previous page
▲	Shift cursor to up
▼	Shift cursor to down
◀	Shift cursor to left
▶	Shift cursor to right
⏪	play or pause the playing file
⏮	Return back to previous file
⏭	Browse or play the next file
⏩	fast forward playing movie
⏪	rewind playing movie
▶	when Playing, click this button enter pause; In the pause, fast forward, rewind, click this button enter playing state
F1	display statue
F2	Switch to the next languages
F3	Click once: switch to next subtitles; Long press: display subtitles delay, color
F4	Switch to the next DVD angle (No )
number keys	Enter the browser or search, browse wanted website and information
DELETE	Virtual keyboard, delete the content of the input

## 4 Initial usage

### 4.1 Power

1. Before turn it off, please keep the device is in “**standby**” status in case of destroyed.
2. We suggest taking off the adapter if you don't use it for a long time.

### 4.2 Remote control operating range

- \* Remote control operating range is within 7 meters from the front panel to the player, angle is within 60 degrees;
- \* Remote control distance will be affected by the ambient light and the obstructions.

### 4.3 Connection

- A、 Connect CVBS output (yellow) to TV's CVBS input, L/R output to L/R input
- B、 Connect HDMI output to TV's HDMI input (HDMI cable not included), suggest to keep the player and output device turned off in case of any electronic parts destroyed;
- C、 Press “**RESOLUTION**” button on the remote control, swift to the wanted video output

#### Remarks:

1. **The media player does not support AV and HDMI output at the same time as will cause the picture display unusually;**
2. **Please connect storage device.**
3. **There are 2 USB hosts on the right side of the player, HOST supports connecting with U-disk, movable HDD and other USB external equipment. Also it supports SD and MMC card reader; please insert it according to the right way.**

### 4.4 Reset function

Reset function is: reboot this product, at the bottom of the case, it has a reset button, at the right above side of “**RESET**” label, the direction of the arrow, If want to operate reset function, to use a toothpick or other small tenacity of materials to press it, it will reboot this product.

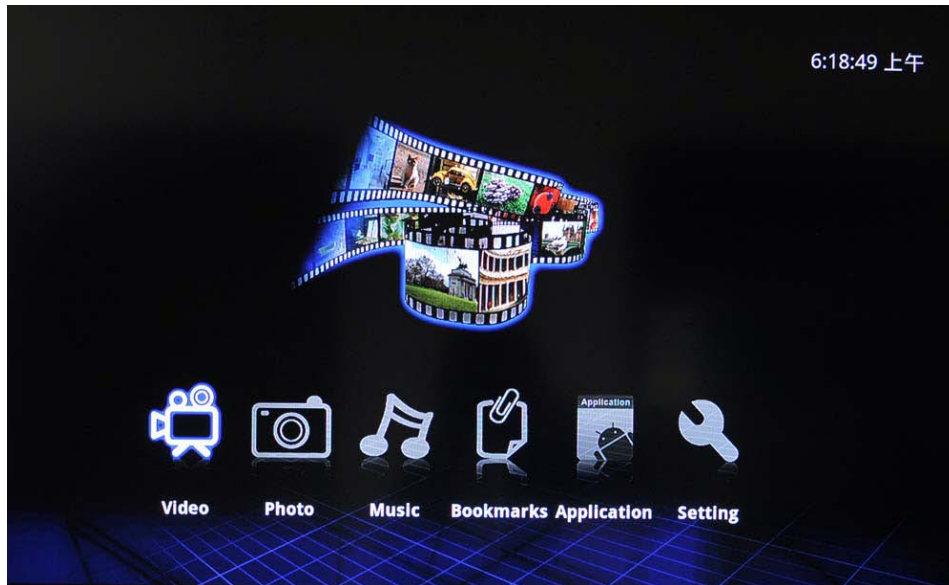


## 5 Operation Menu

### 5.1 Main menu

Turn the device on, and then you will see the main menu after 40 seconds.

It shows **Video**, **Photo**, **Music**, **Bookmarks**, **Application** and **Setting**, as following picture indicated:



Enter video/photo/music playing function, it showed” **Looking for music files, please wait a moment**“, if first time to connect with Mobile storage equipment, need scan, the scanned time depend on the size of the storage capacity



### 5.2 Video Menu

Press ◀ / ▶ button to shift cursor, choose **video** press ⏪ button, enter press ▲ / ▼ button to select a media source : NO-NAME(/mnt/usb81)(local storage equipment) 、 media servers、 network shares, shift cursor to enter the local storage equipment, select wanted video, press ⏪ button playing.





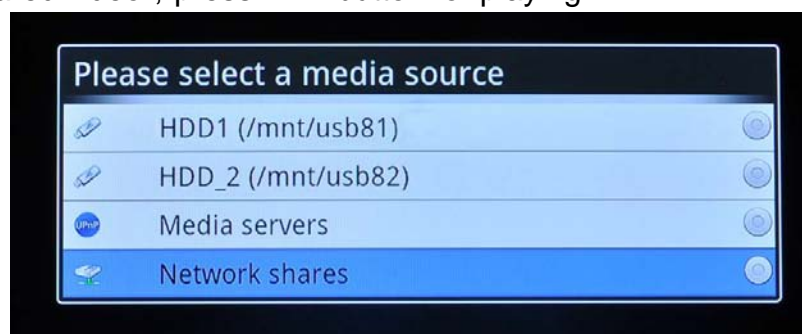
- ✧ The system listed all the files on the storage equipment, enter file browse, display video format.
- ✧ System show preview window on the left side, it display the details for folder or files etc : Name, time, size, on the right side, it display all the files on mobile storage equipment , Display video file size displayed behind the file name.
- ✧ After finish playing video, Will play next file automatically; if reach file bottom, it will play from the front of the file list.

Playing video, combine with remote control to execute the following operation

- ✧ Press ◀ button fast forwarder 2/4/8/16/32/64 times playing video.
- ✧ Press ▶▶ button rewind 2/4/8/16/32/64 times playing video.
- ✧ Press ◀◀ button playing previous video, press ▶▶▶ button playing next video.
- ✧ Press ◀ button pause or play, press ▶ times playing video.
- ✧ Press **INFO** button and select video source, if you selected before, you can Skip this step.
- ✧ Press **F1** button display doc information.
- ✧ Press **F2** button to swift tracks output.
- ✧ Press ■ / **RETURN** button, back to current video playing, back to the playing list.
- ✧ Press **HOME** button come back to user interface.



Press ▲/▼ button, shift cursor select Network shares, press ◀ button to enter , select choose LAN's Shared video , press ◀ button for playing.

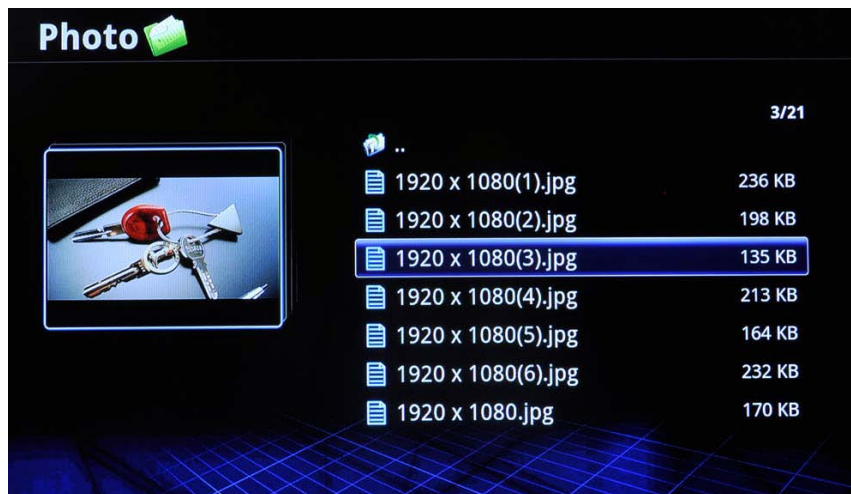


### 5.3 Photo Menu

Press ◀ / ▶ button shift cursor, select **photo** , press ◀ button to confirm, press ▲/▼ button to select a media source : HDD1(/mnt/usb81) (local storage equipment) 、 media servers、 network



shares, shift cursor to enter the local storage equipment, select wanted photo, press ← button playing.



- ✧ The system listed all the files on the storage equipment, enter file browse, display photo format.
- ✧ Preview window will be showed on the left side of the system; the photo list will be showed on the right side, Display photo file size displayed behind the photo name.
- ✧ Confirm playing, automatic into slides browsing mode, and automatic selection playback.
- ✧ Press **INFO** button to choose photo source , if you selected before, you can Skip this step.
- ✧ Press **ZOOM-/+** button, zoom out/in photo 1/2/3/4/5/6/7/8/9/10/11/12 times.
- ✧ Press **⏮** button to play previous photo ; press **⏭** button to play next photo.
- ✧ Press **⏪** button playing pause ; press **▶** playing photo.
- ✧ Press **■ / RETURN** button back to the current video playing, back to the file list.
- ✧ Press **F1** button to display docs information.
- ✧ Press **HOME** button to return back to the user interface.

## 5.4 Music Menu

Press ◀ / ▶ button shift cursor, select **music** option, press ← button to confirm; press ▲/▼ button to select a media source : HDD1(/mnt/usb81) (local storage equipment)

Media servers、 network shares, shift cursor to enter the local storage equipment, select wanted music, press ← button playing.



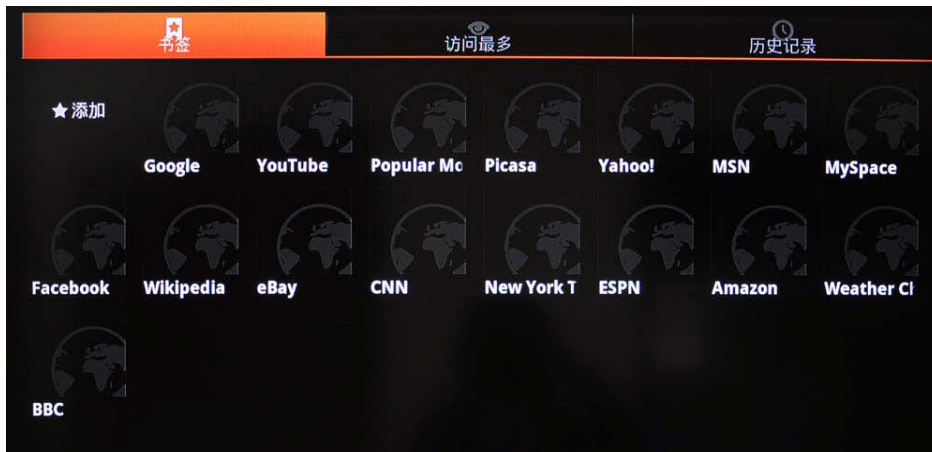
- ✧ The system listed all the folder, enter file browser, display the playable music format.
- ✧ Music list display on the left side, music file artist and time displayed behind the music name.
- ✧ Press **INFO** button select music source, if you selected before, you can Skip this step.
- ✧ Press **VOL-/VOL+** button, Reduce/increase volume.
- ✧ Press **INS REPLAY** button, skip to the previous music.
- ✧ Press **CM SKIP** button, skip to the next music.
- ✧ Press **⏮** button play previous music; press **⏭** button play next music.
- ✧ Press **⏸** button pause playing; press **▶** playing music.
- ✧ Press **■** stop playing music.
- ✧ Press **RETURN** button return the current playing file and back to the file list.
- ✧ Press **F3** button to switch OSD language.
- ✧ Press **MENU** button to open the Music Library menu ; press **HOME** button back to the user interface.



## 5.5 Bookmarks Menu

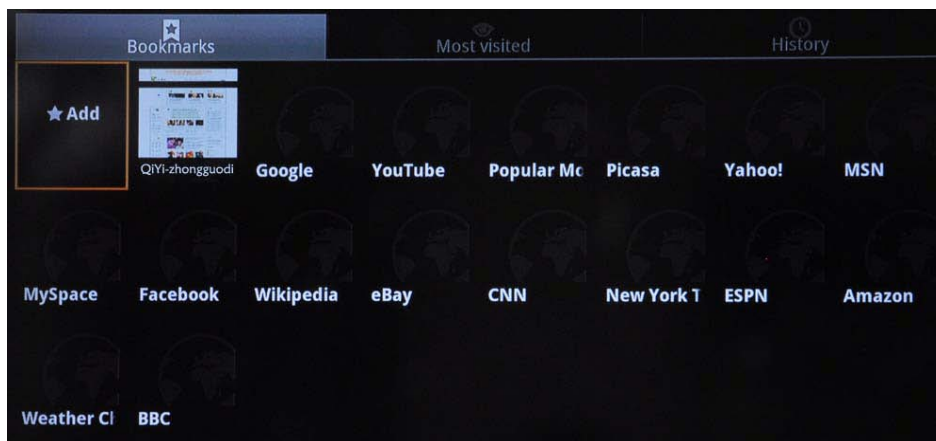
Press **◀ / ▶** button swift cursor, select **bookmarks**, press **⏹** button to confirm; press **▲/▼ / ◀▶** button to select storages bookmarks, Most visited, history records, press **⏹** button to

confirm.

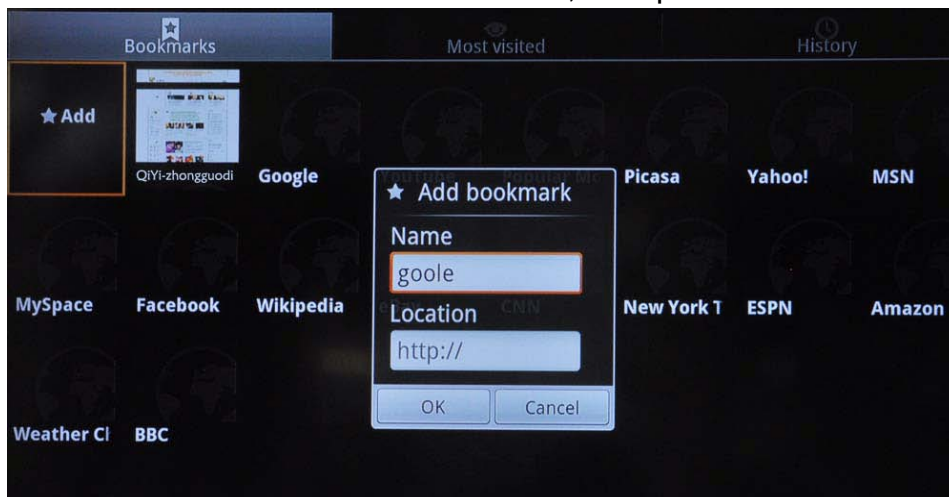


### 5.5.1 Add bookmarks

Press ▲/▼ / ◀/▶ button shift cursor, select “add” and press ↵ button to confirm.



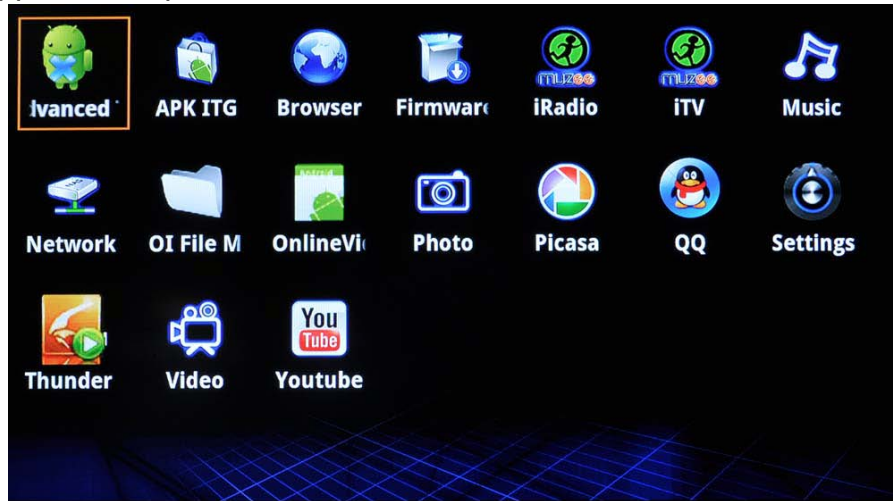
Enter the wanted name and address of add bookmark, then press ↵ button to confirm.



Finished add bookmark , press ▲/▼ / ◀/▶ button select **QIYI online video** press ↵ button playing.

## 5.6 Application Menu

Press ◀▶ button shift cursor, select **application**, press ← button to confirm, the system lists as below : **Advanced, APK ITG, Browser, Firmware, radio, iTV, Music, Network, OI file manage, OnlineVideo, Photo, Picasa, Youtube, Settings, Thunder, Video;** press ▲▼/◀▶ button select wanted application , press ← button to confirm enter in.



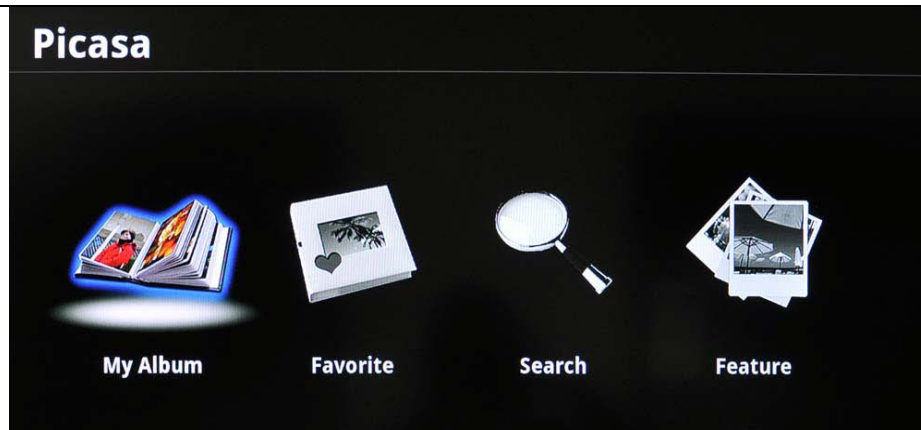
### 5.6.1 OI file manager

User enter **OI file manager** first time, need to sign user agreement, press ◀▶ button shift cursor, select **OI file manager** option, press ← button to confirm; select this function, can get all the files of the movable storage equipment.



### 5.6.2 Picasa

Press ◀▶ button shift cursor, select **Picasa**, press ← button to confirm; system lists, my Album, Favorite, Search, Feature

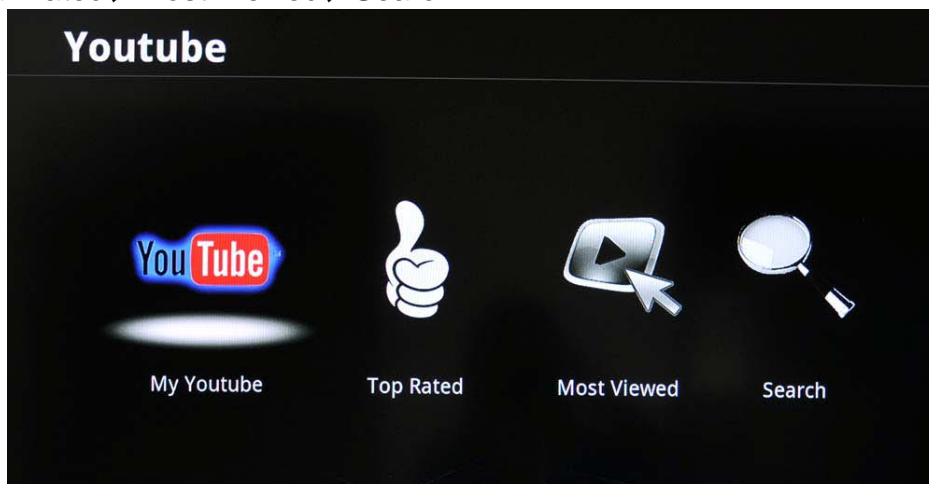


### 5.6.3 Video

Press ◀▶ button shift cursor, select **video**, press ← button to confirm; same operation as 5.2

### 5.6.4 YouTube

Press ◀▶ button shift cursor, select **YouTube**, press "←" button to confirm; system lists : My YouTube, Top Rated, Most Viewed, Search



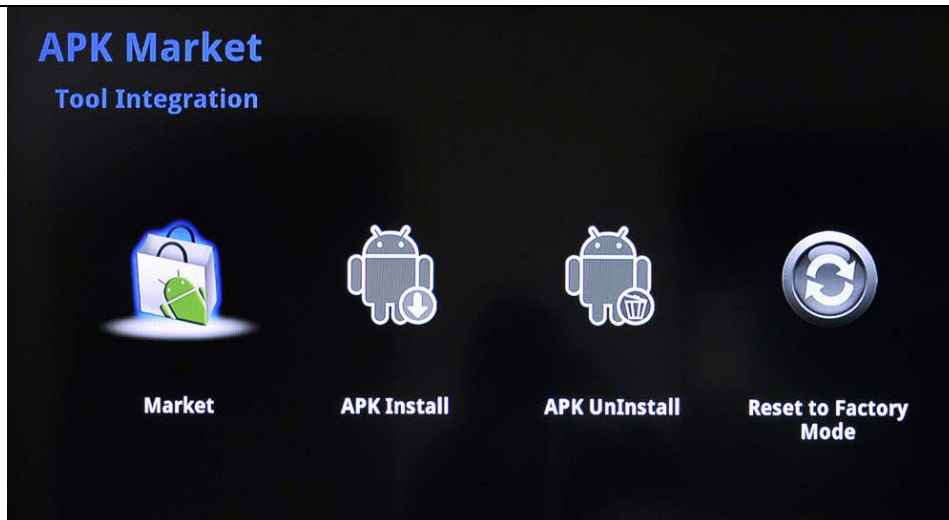
**Warmly tips : as YouTube Video sharing site for international, Under China's network environment impact, it can't play on the local market, please forgive us!**

### 5.6.5 APK market

Press ◀▶ button shift cursor, select **APK market**, press ← button to confirm; select this function, can download the applications and games from below website, the steps for download and install as below :

1. Connect mobile storage equipment or card, press ◀▶ button select **APK market** , press ← button to confirm





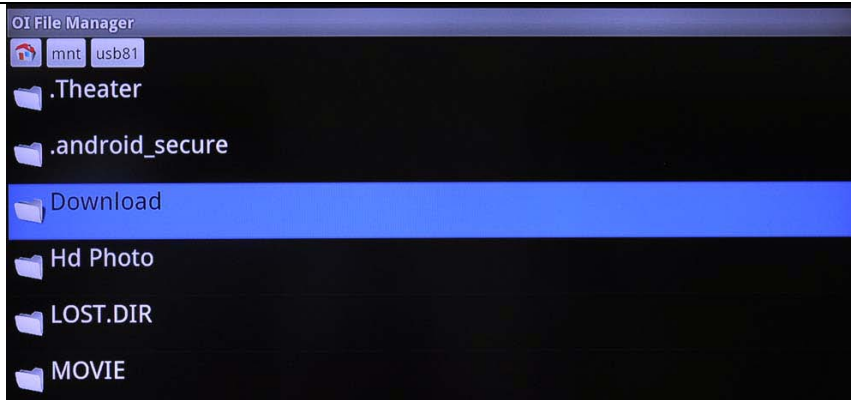
2. Press ▲/▼ button shift cursor, select needed download application firmware or games, press ← button to confirm downloading ( can download firmware from other website ( APK format ) or game download to mobile storage equipment )
3. Download the application and games have to go **OI file manager** to install or check, press ◀▶ button select **mnt**



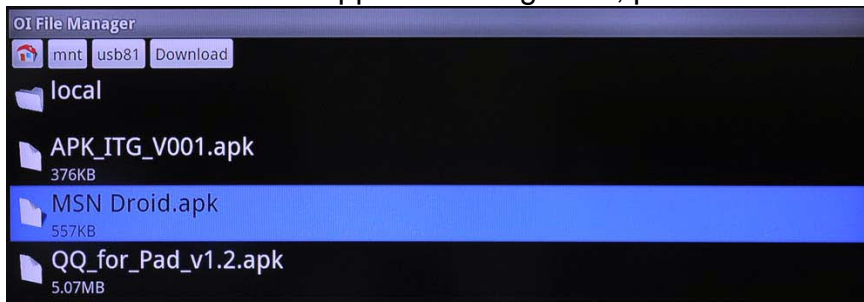
4. Press ▲/▼ button shift cursor select movable storage equipment or card ( USB81 )



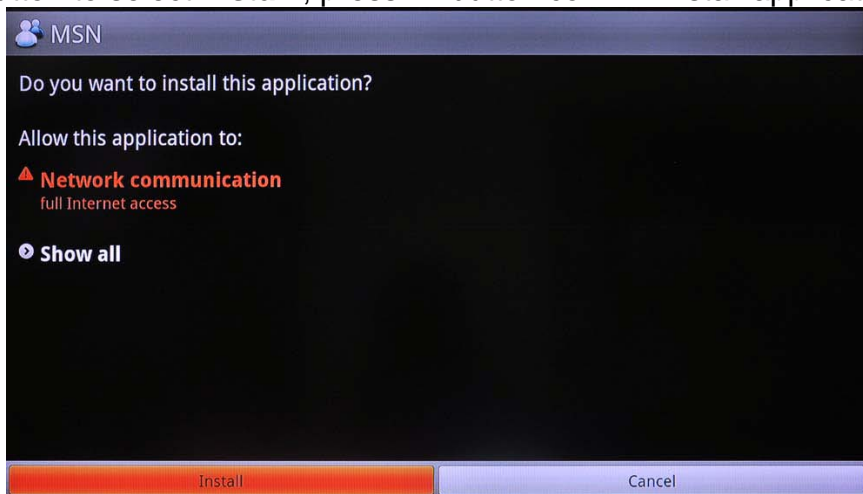
5. Press ▲/▼ button to find out **download**, press ← button to confirm



6. Press ▲/▼ button select download application or games, press ← button to confirm



7. Press ◀▶ button to select **install** , press ← button confirm install application

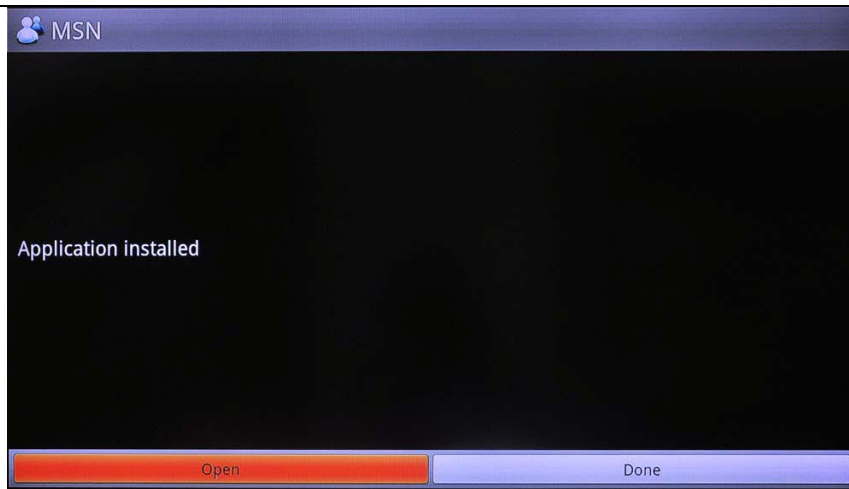


8. Installing



9. After application or games finished installing, select done





10. Installment finished, you can follow one's inclinations operating installed applications or games.

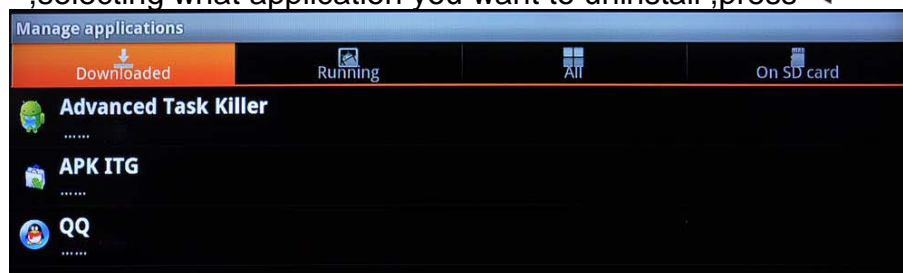
### Warm tips

- 1、 visit [www.Android.com](http://www.Android.com) for firmware downloading , copy to storage card to install ;
- 2、 suggest to download the firmware to the storage card for smoothly running ;
- 3、 can download the android application from other website and install , there is a compatibility between smart equipment and application firmware, we can't guarantee all the firmware can install successfully

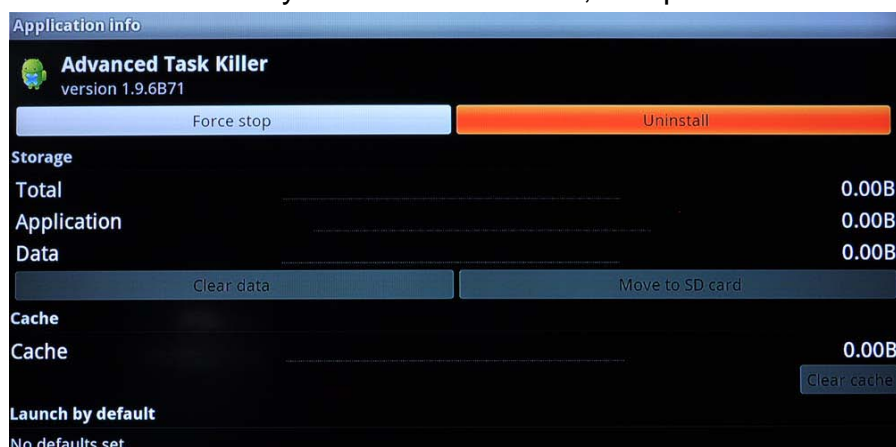
### 5.6.6 Uninstall Application



Press ◀▶ move the cursor to select **set up-application –manage application** or you can choose the **Application-electronic market-uninstall APK** from Home interface

- 1、 Press ▲▼ ,selecting what application you want to uninstall ,press ←



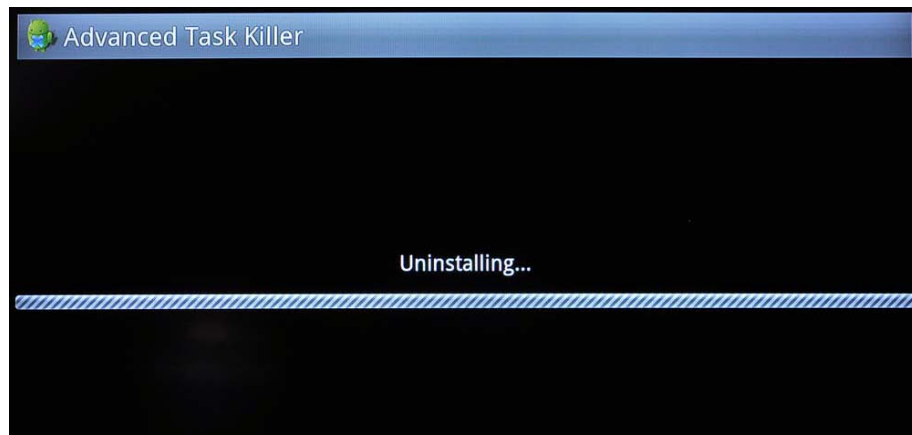
- 2、 Press ◀▶ to choose the item you need to uninstall ,then press ← confirm




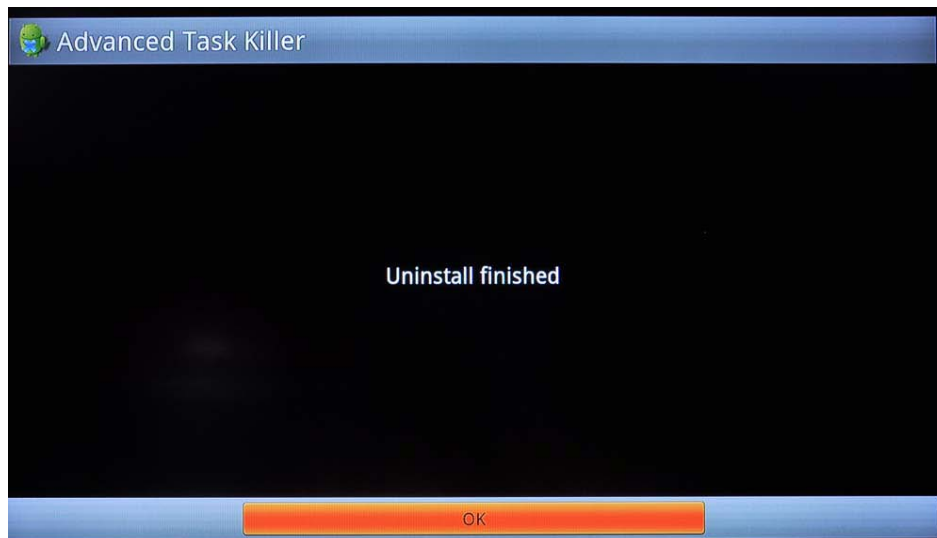
3、 Press  key choose the enter key 





4、 Application program is uninstalling

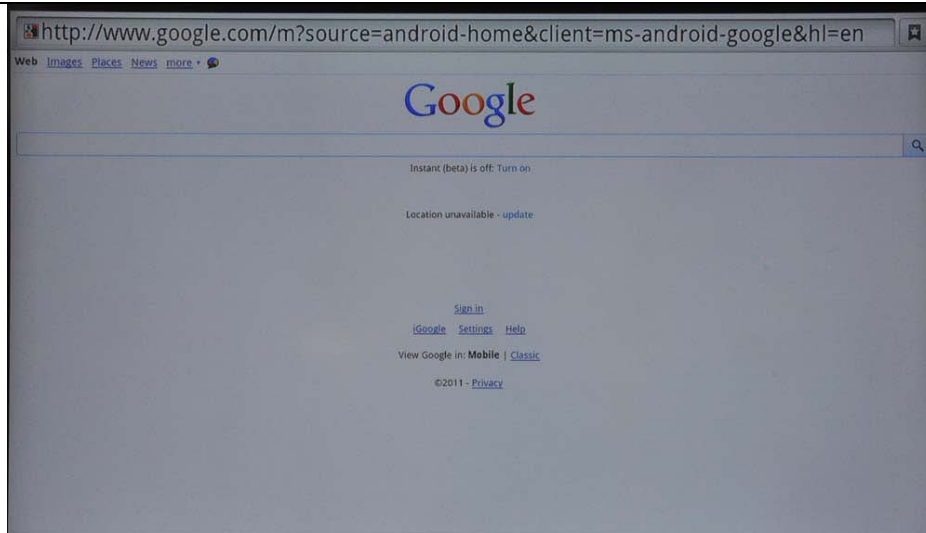



5、 Uninstalling finished ,press  key




### 5.6.7 Browser

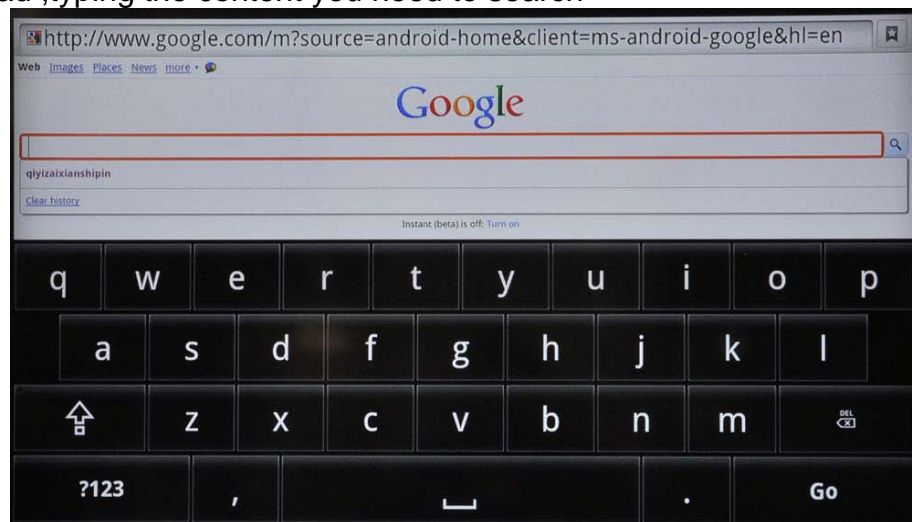
Press  to choose browser .press  key if you suffer the internet, the acquiescent website is Google .search engine.




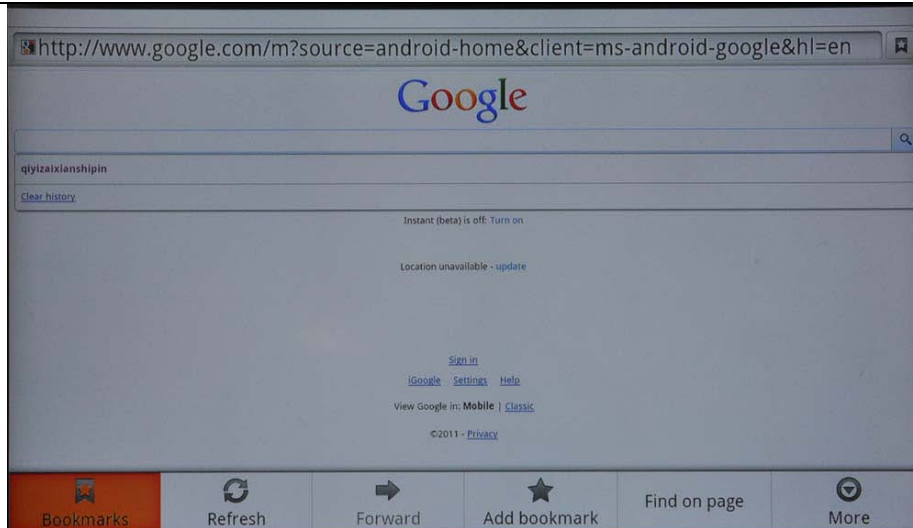
- ☆ Move to the search bar ,long press  key ,you can choose the type way ,including Google spell input method , NumTextIME, phonetic notation input method ,Android keypad(




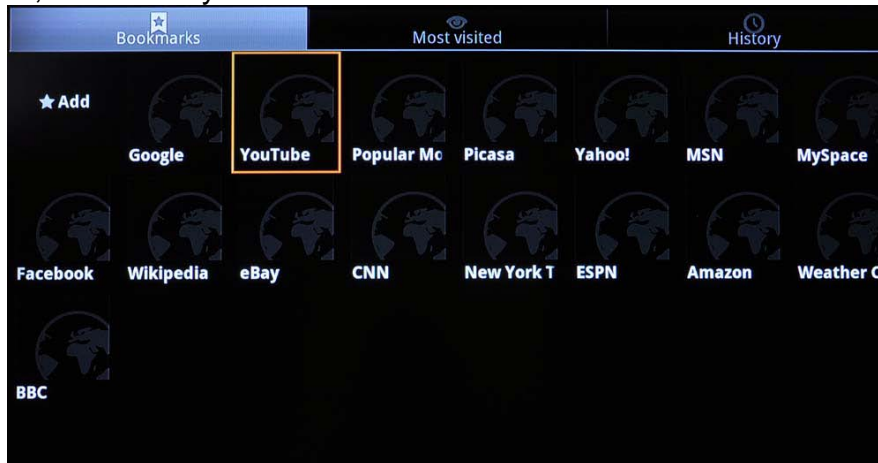
- ☆ After choosing the input method. press  key confirm the input method ,it will display virtual keypad ,typing the content you need to search





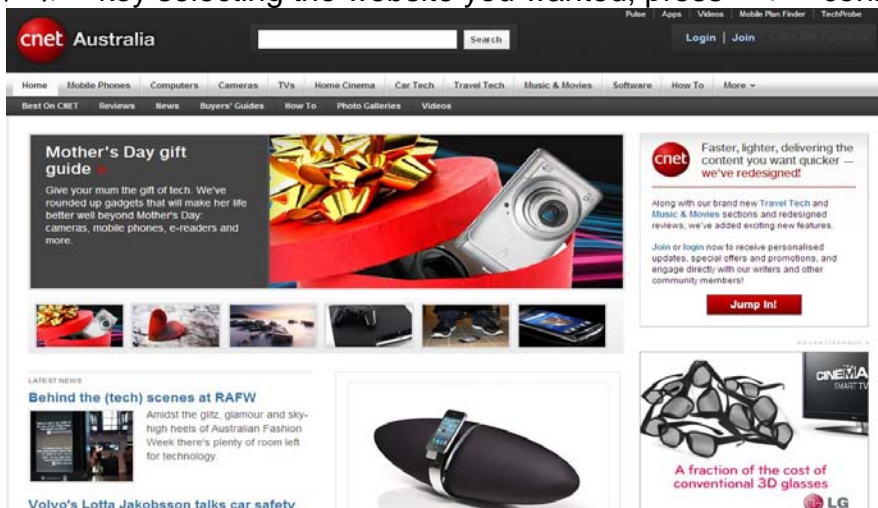
- ☆ Press **DELETE** key, It can delete the content, After finishing your type, press (  ) on the virtual keypad and confirm your search
- ☆ Press **MENU** key, it will display toolbar.







☆ Press  key ,choosing the **bookmark** .You can added bookmark by yourself , visiting most bookmark, bookmark you have visited

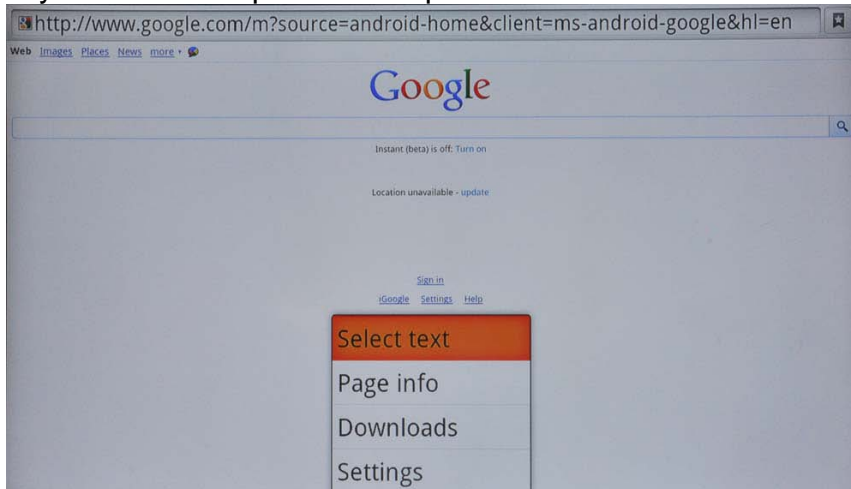


☆ Press  key selecting the website you wanted, press  confirm



- ☆ Press  key, selecting the **refresh** item and refresh it.
- ☆ Press  key selecting the **forward** item ,system will access to another window
- ☆ Press  key ,selecting the **add bookmark** item ,make the webpage you are browsing as a bookmark
- ☆ Press  key selecting **page search** item ,look up the window you have browsed

- ☆ Press **Left/Right** key ,selecting **More**, You can choose selected text ,webpage information, download content ,set up even more function
- ☆ Press **Return** key back to the previous step

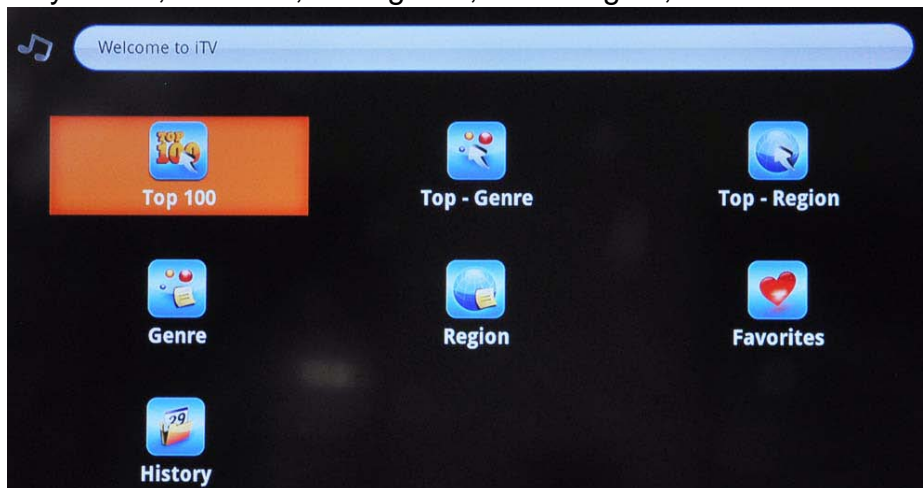


Press **Up/Down/Left/Right** key remove cursor, selecting browse picture item, press **Left** key access, the same operation with 5.3

### 5.6.8 ITV

Press **Left/Right** key remove cursor, selecting ITV, press **Left** key access to .You can enjoy the TV or film from internet.

Choose the items you like, TOP100, TOP genre, TOP Region, Genre and so on

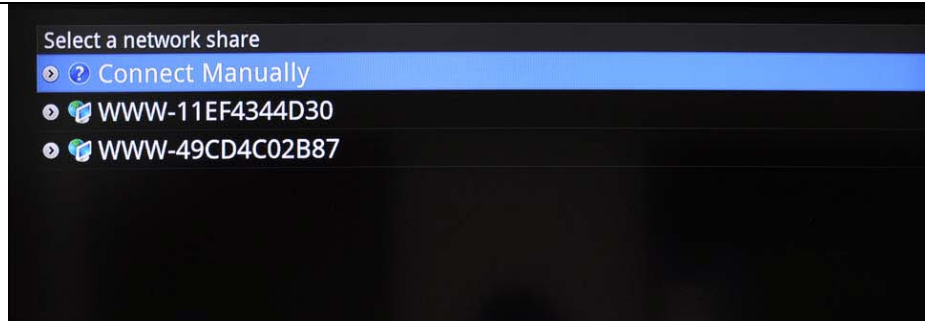


I hope you can understand if sometimes it can not playback smoothly for the audio and video resource coming from Internet due to the speed of network and response of server.

### 5.6.9 Net work share

Press **Left/Right** key remove cursor, selecting the network share, press **Left**.You can browse some shared file through LAN

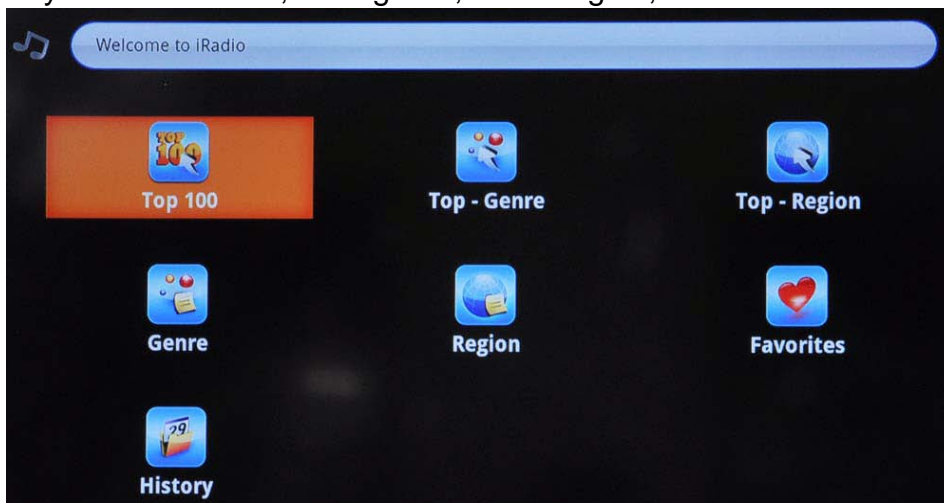




### 5.6.10 iRadio

Press key move cursor, selecting the **iRadio**, press . You can enjoy the music and broadcast from the internet

Choose the item you like TOP100, TOP genre, TOP Region, Genre and so on



I hope you can understand if it can not playback smoothly for the Audio and video resource coming from Internet due to the speed of network and server.

### 5.6.11 Upgrade Firmware

1. Copy the upgrade firmware to your mobile HDD, USB flash disk or memory card under the root directory
2. Press key selecting the system upgrading item, press



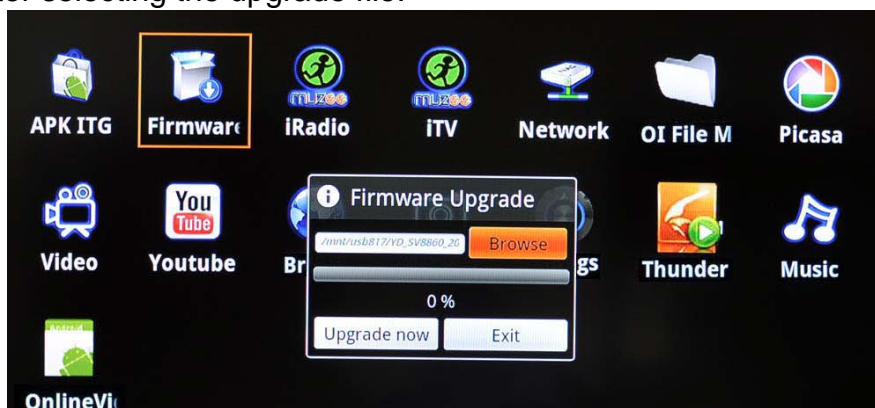
3. Press **▶** key, selecting browse, press **←**



4. Press **▲/▼** key, selecting the upgrade file .press **←**



5. Press **←** after selecting the upgrade file.





6. Press ▲/▼ key, press ← to confirm upgrade



7. It will prompt you whether you need to upgrade the firmware or not, move up to the Enter .press←



8. The system is buffering when the interface is display as follows



9. During upgrading, it will delete the original system file, anew firmware, it will display the progress bar



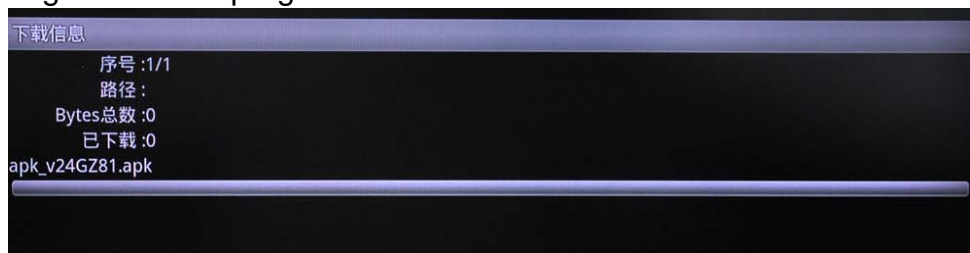
10. It will give you prompt when it finished. After that it will reboot and back to the home page



**Note:** please don't power off during upgrading, otherwise It will damage the player.

### 5.6.12 Downloading information

Press ◀▶ moving cursor, choose the download information item .press ←, you can check the Application and game rate of progress.

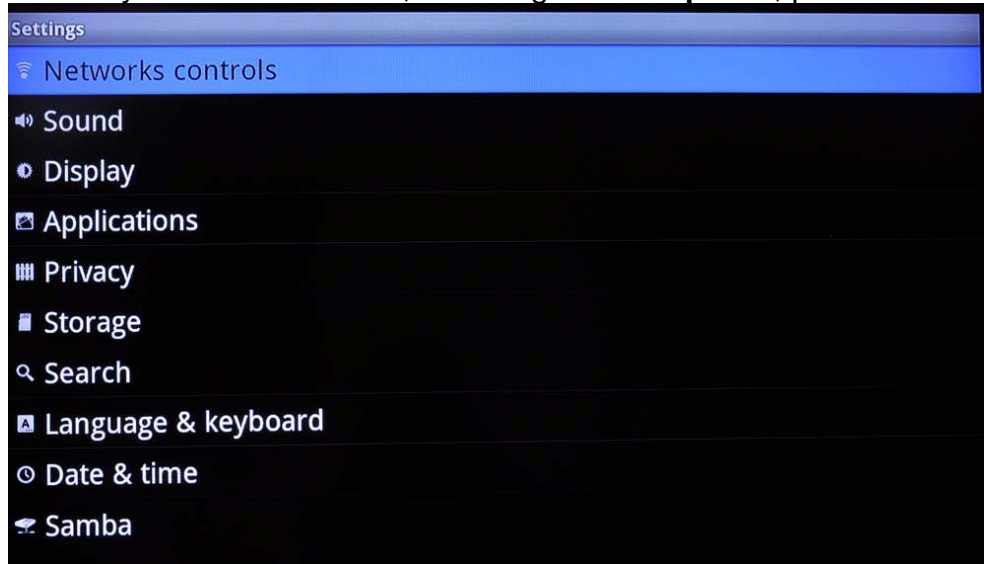


### 5.6.13 Music

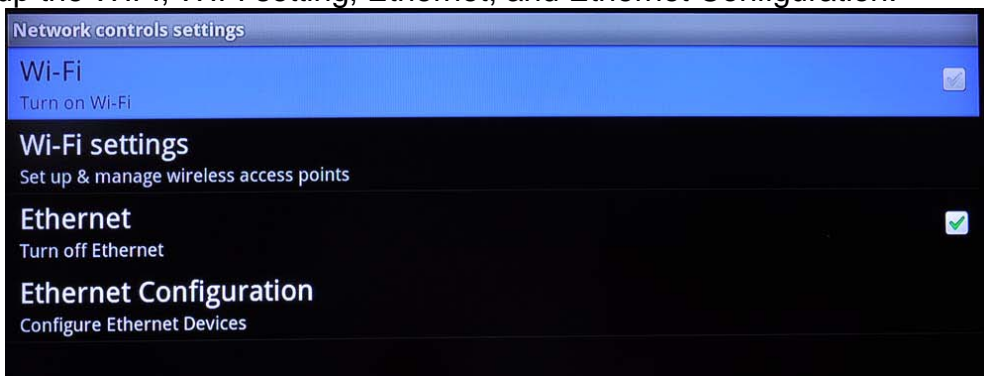
Press ▲/▼/◀▶ remove the cursor, choose the **music** item, press ←, the same operation with 5.4.

## 6 SETUP

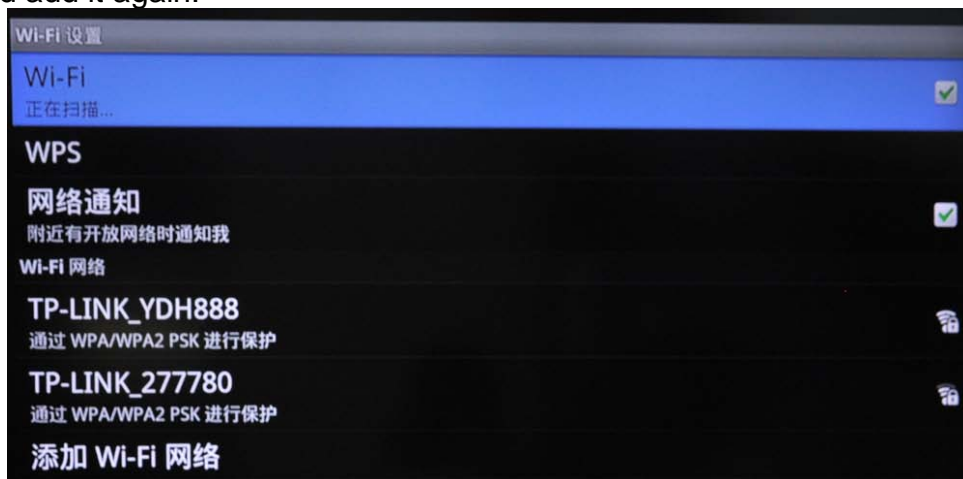
Press ▲/▼/◀ key remove the cursor, choosing the **set up** item, press ⏪



☆ Press ▲/▼ key choosing the WIFI and network .press ⏪  
You can set up the WIFI, WIFI setting, Ethernet, and Ethernet Configuration.

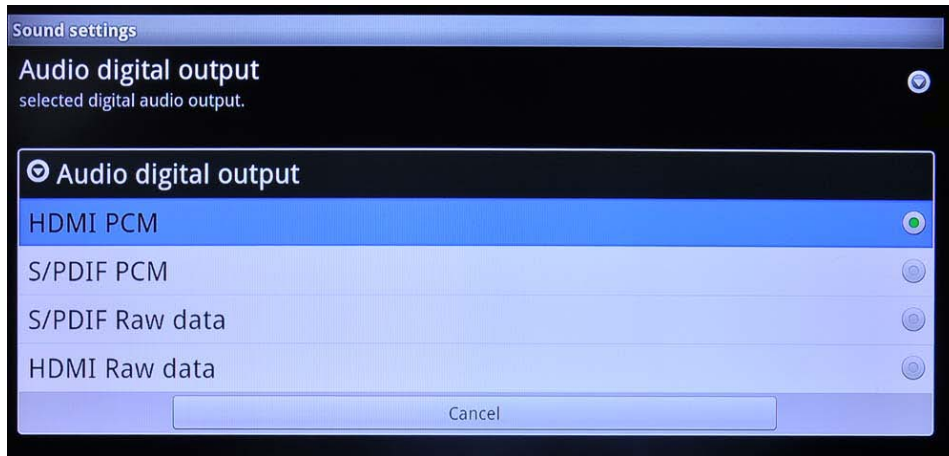


☆ Press ▲/▼ key choosing **WIFI set up** item ,press ⏪ key ,You can open and close WIFI ,WPS ,set up the notification of network, It will display the wireless network you have search and add it again.

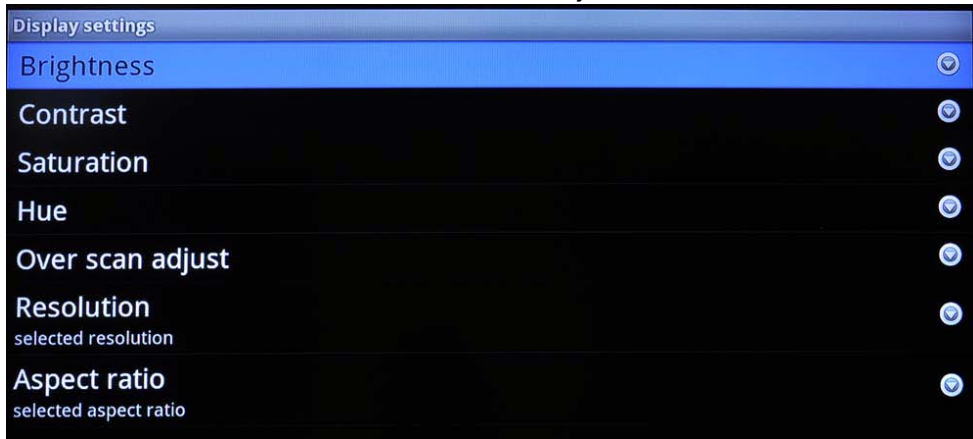


☆ Press ▲/▼ key choosing **audio** item ,press ⏪

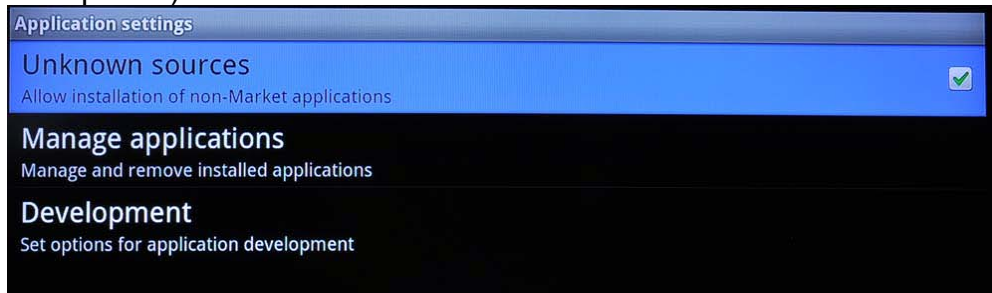
You can select digital audio output such as: HDMI PCM, S/PDIF PCM, S/PDIF Raw data, HDMI Raw data



☆ Press ▲/▼ key choosing the **display** item, press ←, you can set up some item as follows: brightness, contrast, saturation, Hue, over scan adjust, resolution.



☆ Press ▲/▼ key, choosing Application item, press ←. You can set up item as follows: unknown source (allow installation of non-market application, manage application (manage and remove installed applications, development (set options for application development)



☆ Press ▲/▼ key choosing the **Privacy**, press ←. It can recover to the original default



Press ▲/▼ key selecting **SD card and multimedia player storage**, press ←

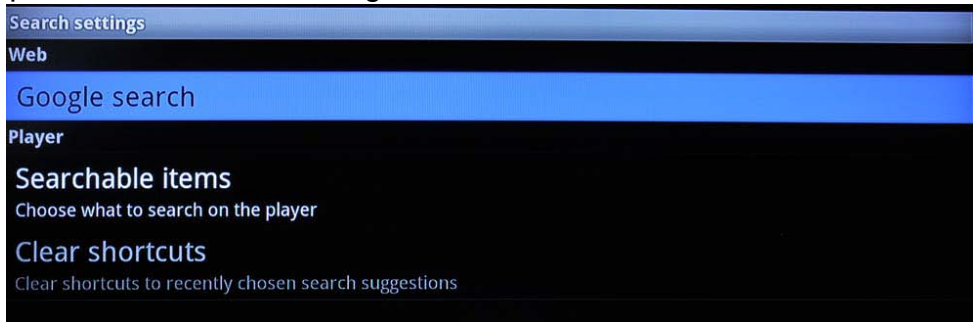


You can set up the items such as media database,/mnt/usb81 .available space.



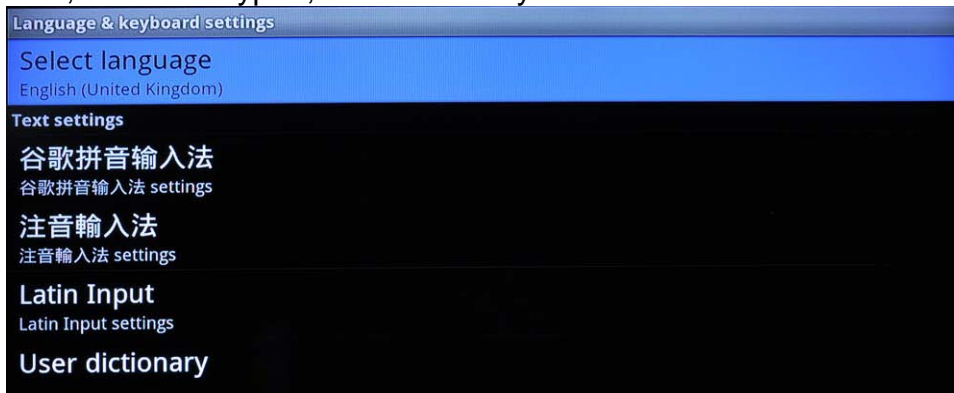
☆ Press ▲/▼ key selecting **Search** item, press ←

You can set up the items such as: Google search, searchable items, and clear shortcuts



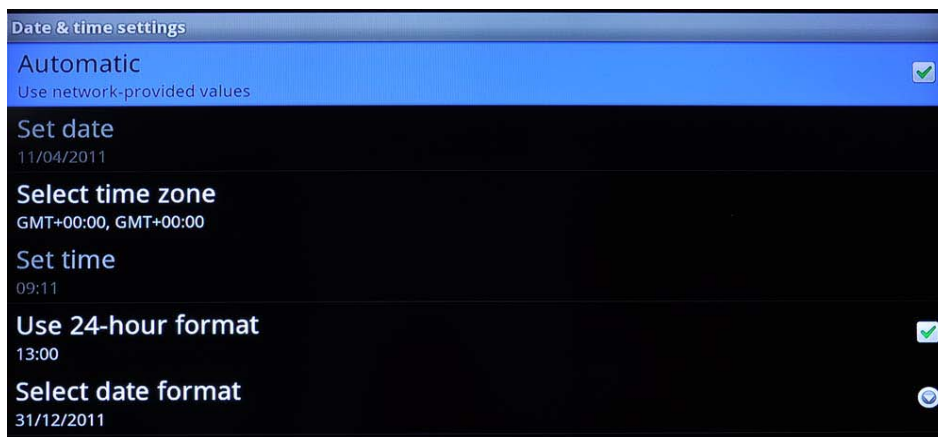
☆ Press ▲/▼ key select **language and keypad** item ,press ←

You can set up the items such like: select language, Google spell input method, Numtextlme, spell input method, Android keypad, user dictionary.

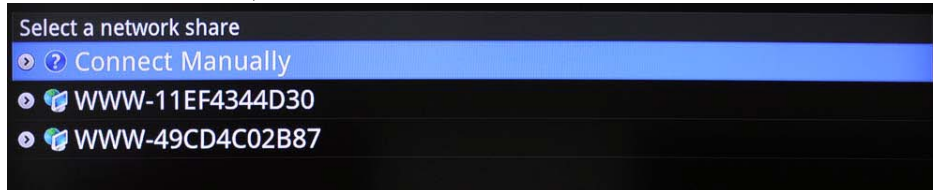


☆ Press ▲/▼ key ,selecting the **date and time** item, press ←

It can set up the items as follows but you need choose the time zone first. E.g.: Automatic, set date ,select time zone ,set time ,use 24-hour format ,select data format



☆ **Kindly reminder: If you need set up the time and date, please shut the Auto first.**  
Press ▲/▼ key selecting the **network share**, press ←  
It can choose the network share, such as manual connection.



☆ Press ▲/▼ key selecting **about multimedia player**, press ←  
You can check the Legal information, Android version, kernel version, Ethernet MAC address, build number



## 7 Question and Answer

**Q1: It can not display when you connect the AV and HDMI interface.**

**A1:** 1. Please confirm the wiring is connect properly, strictly according to the Manual indicated and match the same color

2. Host machine mismatching with the display equipment, press the resolution on the remote control and change the mode of video output, making it match each other.

3. Displaying the input signal whether set to accept host, please change the suitable display equipment mode

4. Video cable is connected effectively, please anew connect

**Q2: It can access the network after upgrading.**

**A2:** Reset network connection in set up item

**Q3: Buffering situation on the network.**

**A3:** 1. It is recommended that you can access the video file from the web TV .relatively smooth than other way .I hope you can enjoy the video file on the network

2. Comparing with other broadband company. The chaining of Chinese telecom is stronger than other company.

**Q4: How to install the firmware.**

**A4:** 1. copy the firmware in to you add-on USB or SD card

2. choosing the application from the main interface, and choose the OI file manager.

3. Choose mint (add-on USB) or SD card

4. Choose the firmware you need to install

5. If you want to know operation of installing, please refer to 5.6.5

**Q5: Why can not be full screen after installing the firmware.**

**A5:** It can not be full screen because it solidify display resolution when the partial firmware was redacted .Moreover the display resolution is inconformity with output resolution

**Q6: How to make it more easily on visiting the common website.**

**A6:** Choosing the bookmark item, you can visit next time easily only if you add the website onto the bookmark. Choosing the bookmark and browse the website you wanted to visit, press “←”, Also You can add website you are visiting. You can do it as follows, firstly, input the website you want to visit, secondly, press MENU key choose the added bookmark item, input the name and address, last confirm it