MID User Manual

Contents

Preface

Dear Customers,

Thanks very much for purchasing our product!

This device is built-in high performance Wifi receiver module, supporting external 3G USB-DONGLE wireless network card, turning on the broadband wireless networks, breaking through the restraint of network cable; it will bring you into the portable media player world and fulfill your entertainment needs. It also support picture browsing, E-book Reader, games, online chat and other functions, various settings will fully show your individuality

To operate this player easily, please read the User Manual attached with the player first, from which you can have knowledge about the production introduction and operation method. Before operating this player, please carefully read all data we provide about the player, so that you will have a better understanding about the product and operate it much better.

The Company will not be responsible for any loss of personal data and damage caused by incorrect operation of Software/Hardware, artificial damages, replacement of batteries or any other accident. To avoid loss of your data, please backup your data to your computer at any time.

Meanwhile, since we can not control any dispute from users' misunderstanding or incorrect operation against the manual, the Company will not take any relevant responsibility for any accidental loss potentially occurring in the process of using this manual.

The functions information of this manual is subject to the product itself; we will keep developing new functions. The information in this manual is subject to change without any prior notice.

This manual is protected by the copyright and any part is not allowed to be copied or reproduced in any way without prior written permit of the Company.

The Company reserves the final explanation right of this manual, warranty as well as its related information.

(**Note**: When compiling this manual, we are very careful and precise to provide you completely reliable information. However, there is inevitably some error and oversight, please understand and you are welcome for providing us advice. If any problem occurs during your operation of this product, please timely contact with the local seller)

Thanks for your support and please pay attention to our other products

Safety notices

1) Please keep the device away from strong magnetic field in order to avoid the damage to the product

2) Please do not let the player fall or rub or compact with hard objects during using, or it may cause surface scratch of the player, battery loose, date lose or damages of other hardware.

3) Never let this product expose to the humid environment or rain as the water leaked into could disable it to the extent beyond reparation.

4)Never clean the device with any chemicals and detergent, or it will damage the product surface and corrode the spray paint

5) You are recommended not to use the headset with large volume continuous, please adjust the volume to the size of appropriate security and control the using time to avoid the damage to your hearing, as excessive volume will cause permanent hearing damage.

6) Please do not cut off the power abruptly during software update and download, or it may cause date loosing and system error.

7) Over-voltage, power cable strain, bending or squeezing by heavy objects is not allowed to avoid overheating or fire disaster.

8) In order to eliminate the risk of electric shock, do not touch the cable power plug with wet hands

9) Some movie, music and picture are under the protection of copyright, unauthorized usage is deemed as an infringement to the laws of copyright

10) Please don't turn on the device in where the wireless equipment is forbidden or when the usage of the device will cause interference and danger

11) All the wireless equipment may be interfered and influenced the performance

12) Please comply with any related restrictions and rules, wireless equipment will influence the flight of the plane; please consult the airline company if you use the device in the plane.

13) Please don't use the device in gas station, nearby the fuel and chemicals

14) Please comply with any related restrictions and rules; don't use the device in where blasting operations are in progress

15) Only qualified maintenance personnel can install or repair the device

16) Please use the original accessories and battery, don't use the incompatible products

17) The device is not waterproof, please keep it dry

18）For the sake of data safety, please back up the important information of the MID or keep a handwritten record.

19）When connecting with other device, please read the user manual for detail safety instruction, please don't connect it with incompatible product

20）If the actual settings and operation method of the product are inconsistent with the user manual for the losing of firmware, please use the software in the CD-ROM and refer to the instruction of the manual to re-update the software

3 Getting your device ready for use

3.1 Packing List

Components	Quantity
MID Device	1
Genuine leather case （Optional）	1
TF Card（Optional）	1
Handwriting Pen	1
Charger	1
Earphone	1
USB Cable	1
HDMI Cable	1
User Manual	1
CD-ROM	1
Warranty Card	1

3.2 Product Appearance

3.3 Instructions on Keys

Symbol	Name	Description
A	RESET	Press this button shortly to reset the system when the device is halted
B	POWER	Press this button shortly to enter sleeping/wake up mode, press long to switch ON/OFF
C	MENU	Press this button shortly to enter the submenu
D	ESC	Press shortly to return, press long to the touch screen calibration
E	Track Ball Navigation/ Indicating light	Tracking navigation button, indicating light
F	TF Card Slot	TF Card Slot
G	HDMI	HDMI Jack
H	Stereo Earpieces Jack	Stereo Earpieces Jack
I	DC Socket	Connect with 5V DC charger
J	MINI USB Port	MINI_5 PIN USB Port
K	USB Host Port	Port for external USB Driver,3G Dongle, Mouse, etc
L	Display	HD Display area
M	Camera	Static or dynamic camera(Optional)

3.4 Features Overview

- Adopt the RK2818B as the main chip, ARM embedded Dual CPU Structure （ARM600MHZ+DSP550MHZ）,ANDROIED2.1 smart operation system

- 7" high resolution TFT touch panel LCD display, 800 x 480 pixel resolution
- Support 2GB-8GB built-in Flash Memory, support 128M-16GM external Micro SD card

- Support HD 720P MKV、AVI、RM、RMVB、MP4、MOV、VOB、DAT、FLV、3GP,H.246 etc formats , support Max resolution1280*720

- Support JPG、JPEG、BMP、GIF etc. picture formats

- Support MP3、WMA、OGG、APE、FLAC、AAC、WAV audio formats, multi EQ modes

- Support TXT、LRC、PDF、Html、Htm、EPUB file formats, support auto-browse, zoom, bookmarks, flip over functions
- Support built-in Wifi, you can connect with the broadband wireless internet and operate various software in the ANDROIED2.1 OS, the system is preset parts of third softwares: Office（OpenOffice version）,Google browser(IE),IM(MSN/QQ),Web TV, Online MP3,online novel, network games, E-book, etc
- Support built-in microphone record function(Optional)
- Support USB-HOST and external U-disk,MP3,MP4,Mouse,etc
- Support external 3G USB-DONGLE wireless network card(3G card or USB-Dongle should buy separately)
- Support built-in 2.0 Mega pixel camera(optional)
- Support HDMI output
- Support G-sensor screen rotation function
- Support Stereo Earpieces and speaker
- Supports multiple languages
- Can be used as USB portable hard disk, driver not needed for WIN2000 or above

3.5 Technical Specifications

LCD Display	Size	7.0" TFT touch panel LCD display,160k color
	Resolution	800*480
PC interface	High speed USB2.0(FS)	
Built-in Flash	Flash Memory ：2GB~8GB	
Built-in RAM	ROM：DDRII 256MB	
Capacity Expansion	Support TF Card，capacity 128MB~16GB	
Power Supply	Built-in 3.7V@4000mAH Lithium rechargeable battery AC charger:Input:AC110V~240V,Output:DC 5V@2A	

	Max. 6h playing time（factory default）	
Music Function	Format	MP3、WMA、OGG、APE、FLAC、AAC、WAV
	Headset max. output	（L）5mW＋（R）5mW（32Ohm）
	MP3Bit rate	8Kbps ~ 392 Kbps
	WMA、WMV、Bit rate supported	5Kbps ~ 192 Kbps
	Frequency response	20Hz to 20KHz
	SN ratio	90dB
	Distortion	＜0.05%
Video Function	Play format	MKV、AVI、RM、RMVB、MP4、MOV、VOB、DAT、FLV、3GP,etc
	Max.resolutions supported	1280*720
	Ratio	4：3、16：9、full screen for optional
Photo browse	JPG、JPEG、BMP、GIF supported	
E-book Function	Format Supported	TXT、LRC、PDF、Html、Htm、EPUB, etc
	Max. capacity	20M
WIFI Function	Main chip set	Samsung SWL-2480 ，802.11b/g
	Transmission rate	Max54Mbps
	Transmission Distance	Max100m
	Work Frequency	2.4GHz
HDMI Function	Main chip set	ANX7150(Optional)
	Resolution	576P，720P
Recording function	Format supported	WAV Format
Working temperature	-5 ~ 40 ℃	
Languages	Simplified Chinese、Traditional Chinese, English,、Japanese、French、German、Spanish, etc	
Operation systems	Windows98SE/ME/2K/XP	

supported	

4 Quick Guide

4.1 Touch Panel Calibration

When there are offset and invalid tap on the touch panel, please press and hold the "ESC" key for 3 seconds to log into the interface of the Touch Panel Calibration, tap the center of the "Cross" indicated by the red circle one time, the screen will display "Calibration Successful" message when it is OK, see the figures below
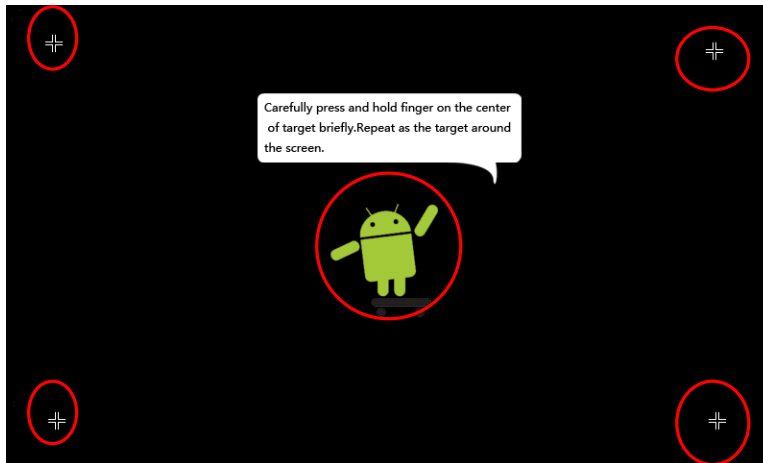
4.2 Switch On/Off

Switch On and Unlock: When the device is in the OFF mode, press and hold "Power" key for 3 seconds to enter the Android startup progress bar, it need about 100 seconds enter to the system desktop, the LCD is under locked mode, please press and pull the [icon] icon to the green point, then the LCD will unlocked automatically, see the figures below,
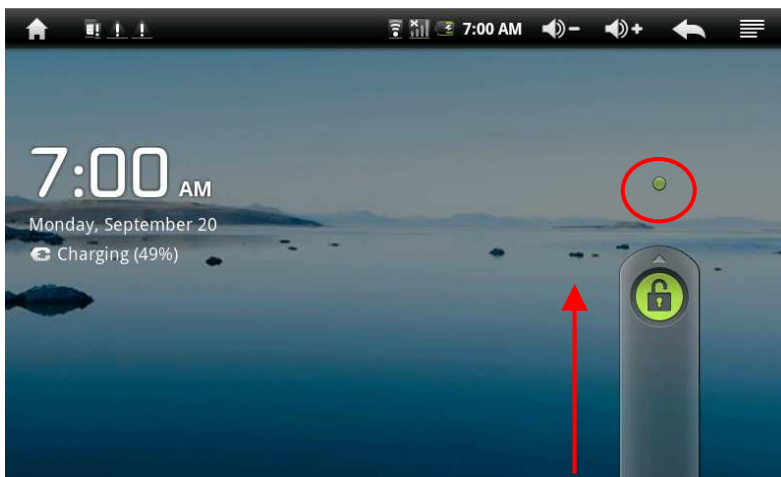
Power Save Modes and lockscreen: Press the "POWER" key shortly after starting up, system enter to SLEEP power save and locksceen mode. Press the "POWER" key or tap the touch screen for 3 seconds, system will return to bright in 1 second

Note: The primary operation of the device will not stop under the power save mode, just the LCD is shut and with black screen. For example: playing music, movie, etc

Switch OFF: When the device is in the OFF mode, press and hold the "POWER" key for 3 seconds, the screen will display the power off interface, choose the power off item to confirm, the system will shut automatically

【Note】When the device with low battery it will alarm continuous and shut automatically without charging. If the device can not start up please check if the battery is low, and try it again after the battery is charged

4.3 Battery management and charging

a. Charge the battery at about 8-12 hours to make sure the battery is fully charged at the first time.

b. Insert the micro port of the battery adaptor into DC slot on the device, and connect the other side with the power socket. Then the Power indicating lamp of the device is in high light blue color, the desktop icon of the battery ![icon] keep rolling which shows it is charging, please wait until the battery is fully charged, don't disconnect the power when charging. Once the battery is fully charged, the indicating lamp will change into dark blue, the Icon on the desktop ![icon] will stop rolling. When the battery is exhausted completely, please charge at least one minute before start it up

【Note】In order to keep the battery working in best condition, please pay attention as below:

● Please don't charge the power in high temperature.

● No need to release the power for this Li- battery, you can charge the power even there is still some power in the battery, no need to charge the power when the it runs out.

● In order to keep the battery in good condition, Make sure to charge the power once per two weeks if you don't use this device for a long time.

4.4 Operation of the function Icons.

a . Definition of the Function Icons

Icon	Function instruction	Icon	Function instruction
	Back to main menu		Note when the system finds new devices.
	Show current power status		Set the alert time
10:41	The current system time		Reduce the volume
	back		Louder the volume
	menu		Menu for Function Block.
Google	Google search		Switch the interface
	System clock		WIFI on/off
您选的播放列表是空的。	Music playing tool bar		Update icon for Music/audio inventory
	new mail		

4.5 WIFI Setting

a. **Turn on the WIFI setting:** Tap the module icon, enter into function menu list; press "setting" enter into the setting interface; press "wireless and network" to setup, just select the WIFI as below:
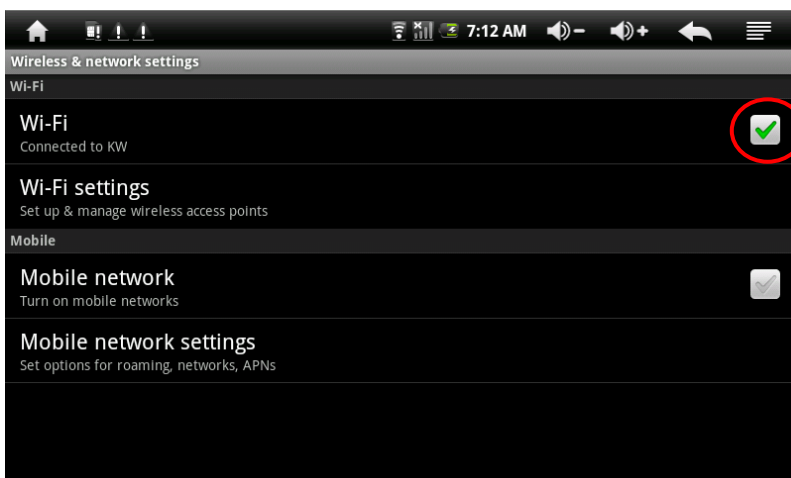
b.Set the WIFI and connect to the network: Press "Wifi setting" to enter into the wifi, the system will find the

WIFI name automatically. Please refer to the picture as below, it has found two WIFI network name:
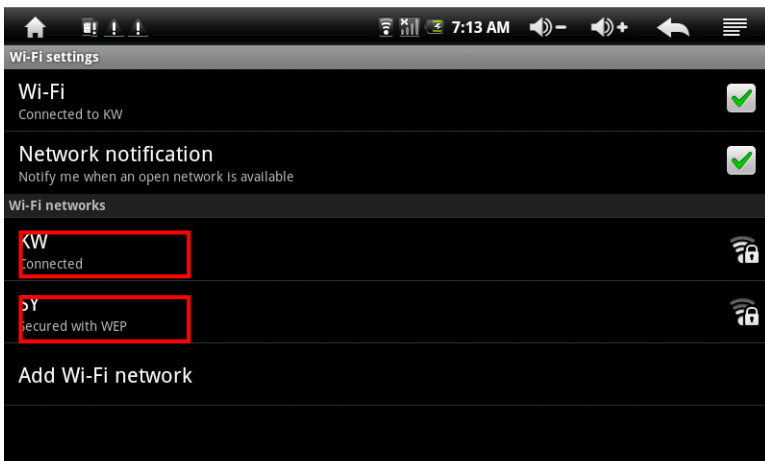
c. IP address setting and connection: There are two setting methods to set the IP address.

1.   **Distribute IP Address automatically：**

Whether it distributes the IP address automatically or not is depended on the WIFI Router's setting, if it distributes the IP address automatically, just press the top right corner of the screen "" to enter into "advanced" setting to cancel the selection of the "Use static IP"

：
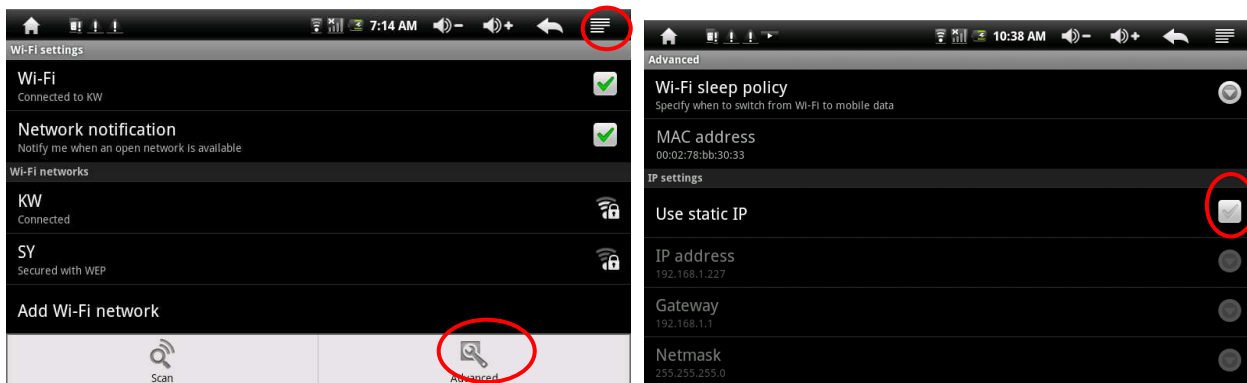
Press the right top menu "" on the screen and press "save" when complete this setting, see the figure as below:
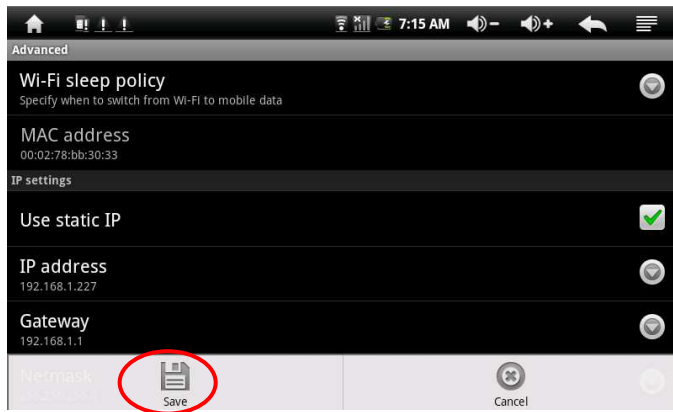
Press back when complete saving, press the WIDI network name, For example, double press "KW", then it will to enter into a interface to ask you input the code. Then input the right code, press "finish". Then the system will connect and distribute IP address automatically, it will show "connected" once the system is completed connection. You can see the network connecting status accordingly when you press the network name, see the figure as below:
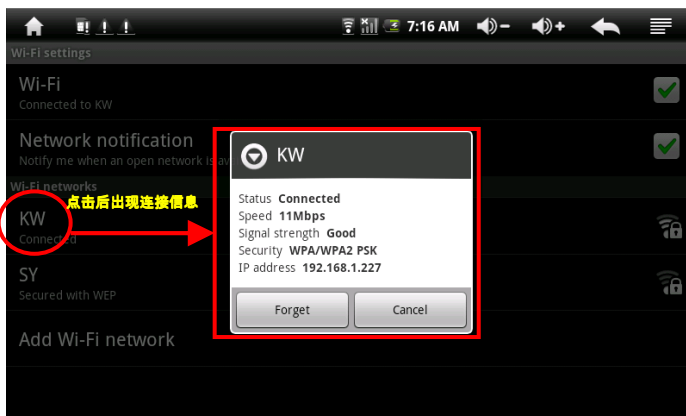
2. Manual setup IP address:

Whether Using manual setup IP address or not, it depends on the WIFI Router's setting, if distributing the network name by this way, just press the top right corner of the screen " " to enter into "advanced" setting and select the "Use static IP" ,then set the IP address as it from the Router. See the figure as below,
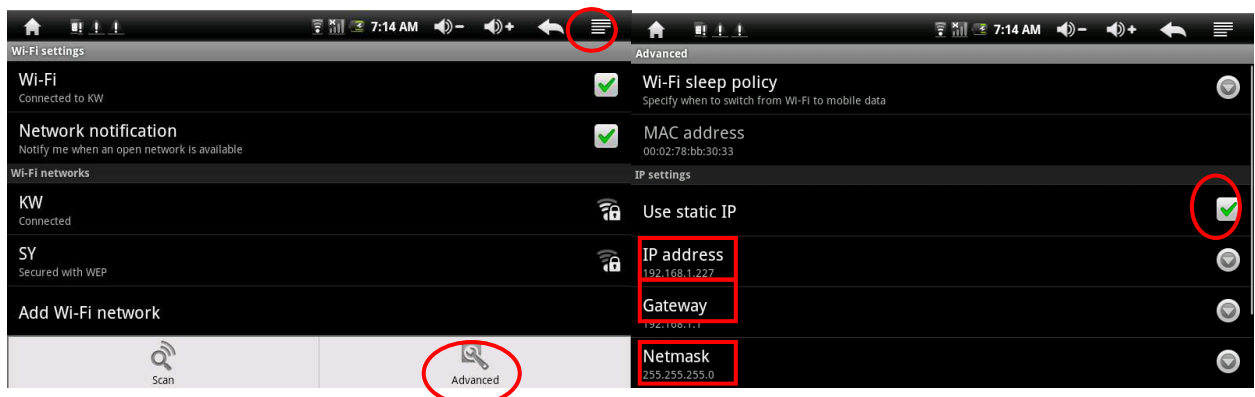
Press the in the right top of the screen to press "save", see the figure as below:
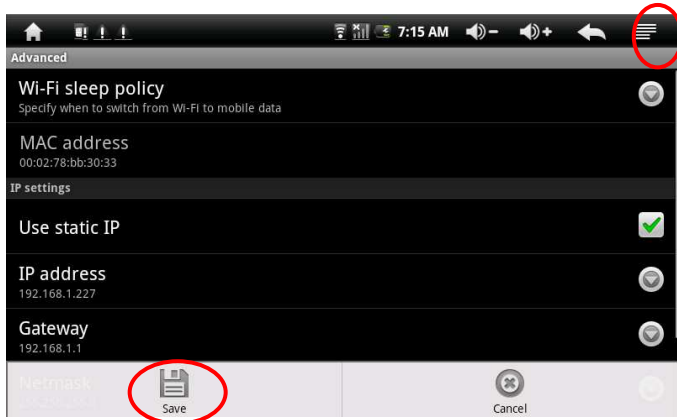
Back to press the WIFI network name when complete saving. For example: press "KW"

Then it will have an interface, asking for input the code, input the right code, and then press the "finish". Then the system will be connected and will distribute the IP address automatically, it will show "connected" once the system is completed connection. You can see the network connecting status accordingly when you press the network name. There will be a WIFI icon " " see the figure as below:

4.6 USB HOST Function:

a. Turn on The USB- HOST:

Press menu icon, enter into the function list, press "setting" to enter into setting interface, press "USB Mode select" to select the "HOST MODE" ad it shows in the red circle as below:
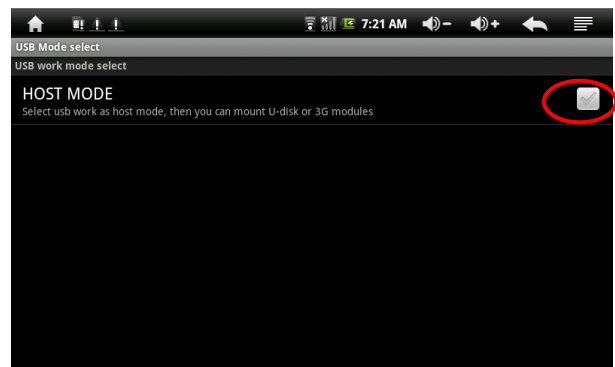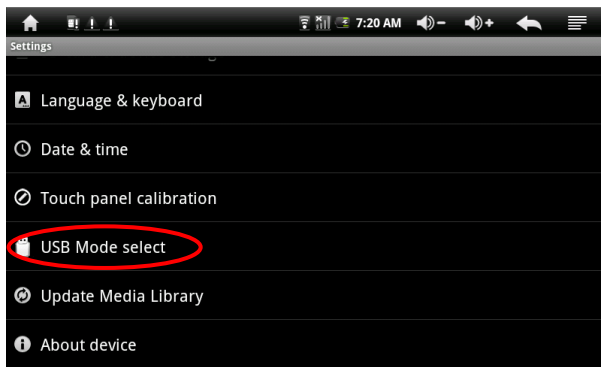
b. Read U-disk:

Insert the U-disk into the HOST port, press the "Resource manager" in the desktop, press "USB" enter into u-disk, see the figure as below:
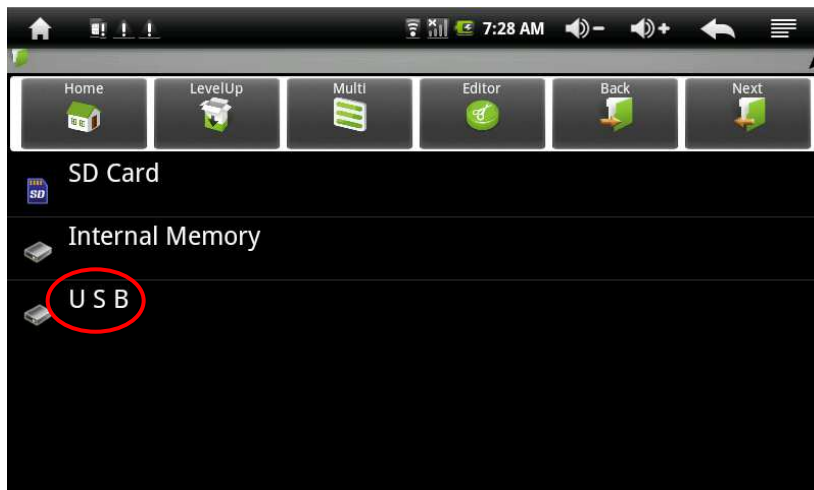
c. External 3G USB Dongle：

Insert the 3G USB- Dongle in to the Host port, connect with the internet directly.

4.7 HDMI Function:

Enjoy the high definition video in the Video player function.
- Connect the TV with the device by the high definition cable, that is, connect the HDMI output Port with the TV input port.
- Press [icon] in the video play interface, then enter into a popup menu, select "HDMI":
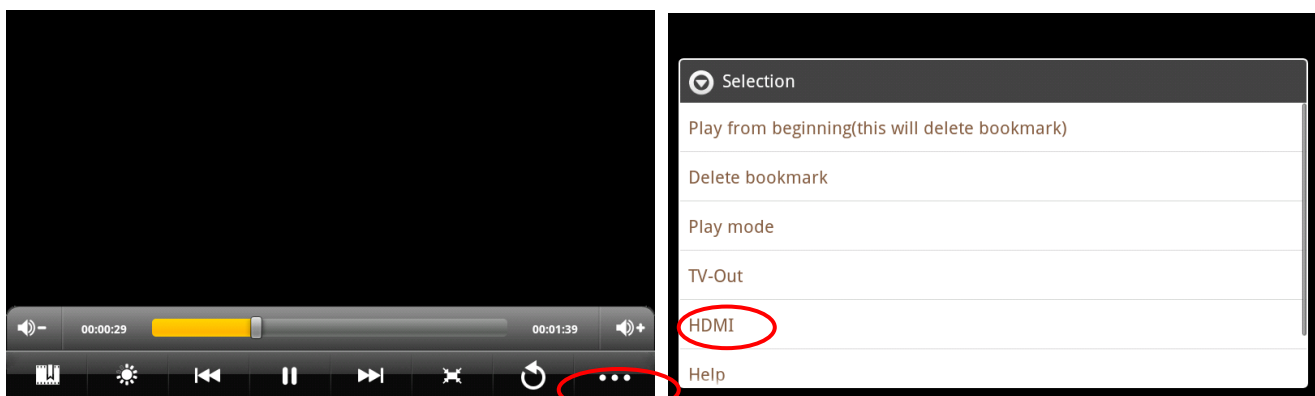
Popup a high definition Mode, select the HDMI 720p, then you can enjoy the high definition videos.
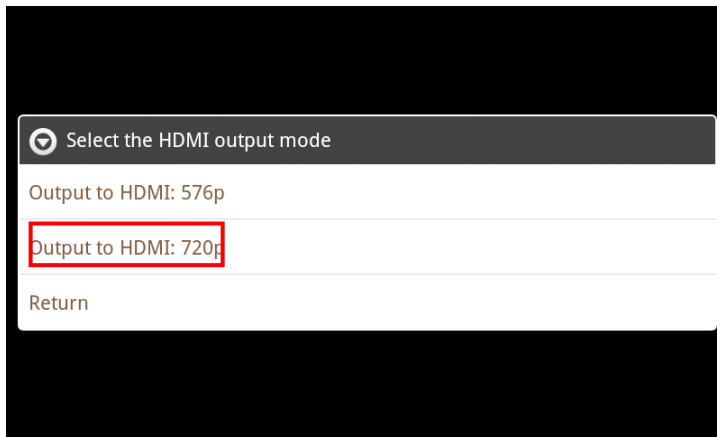
4.8 TF Card Storage

There is a TF card slot in this device, it support reading the files in TF card. Insert the TF card into the card slot in right way, when take it out, just push the TF toward to the inside, then the slot will release the TF card, the TF card will pop out automatically, take it then.

a. Please insert the TF into the card slot in the right side of the device.

b. Don't pull out the card when operating (reading, copying), otherwise, it may cause date error

c. Don't use the TF card under high temperature condition.

d. keep the TF card far from the liquid and erosive materials

4.9 APK Installer

This device supports the third part Application Program based on Android. Many Application Programs
can be got from internet, just copy into the flash of this device or TF card, and then proceed to install and use.

• Press the APK installer " " and the APK installer interface will popup: Install, Manage, Exit.
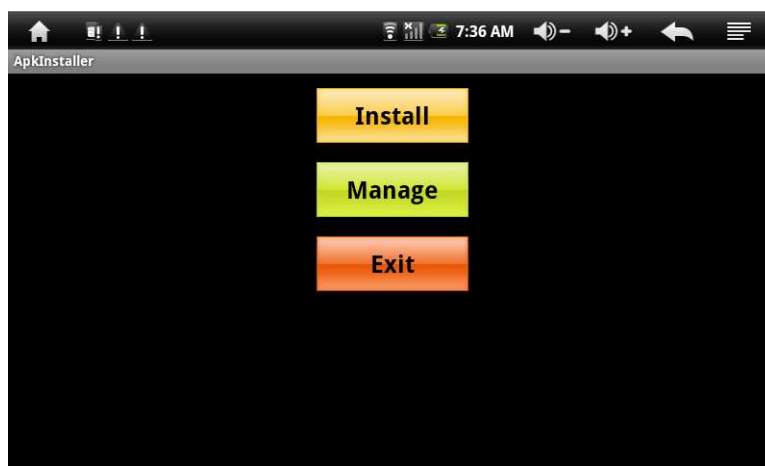
• **Install:** Press install, enter into the APK installer interface.

Internal Memory means built-in flash, SD card means T-Flash;

After entering, select the APK format setting program in the right side, tap to install, back to the main interface when complete this operation, then it finished the installing, and there is a relevant software menu accordingly.
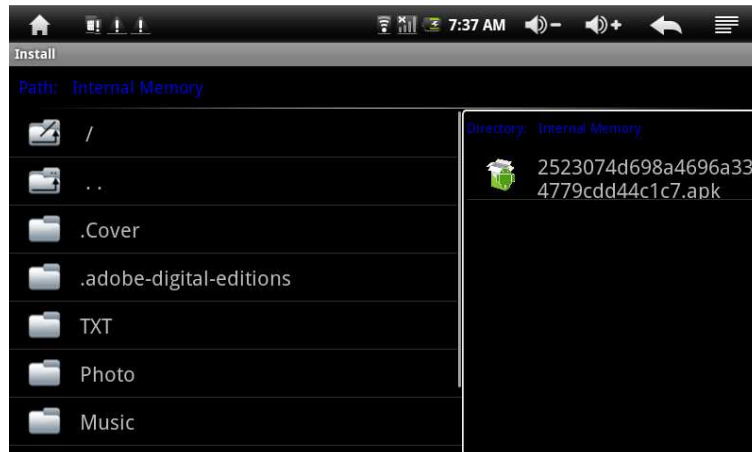
• **Manage** ：Tap manage and enter into the third part software interface.
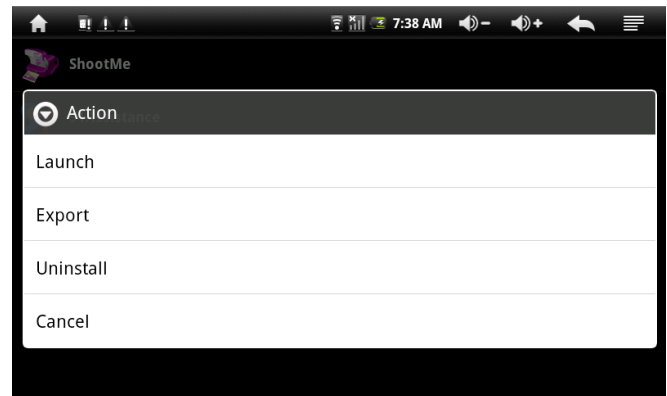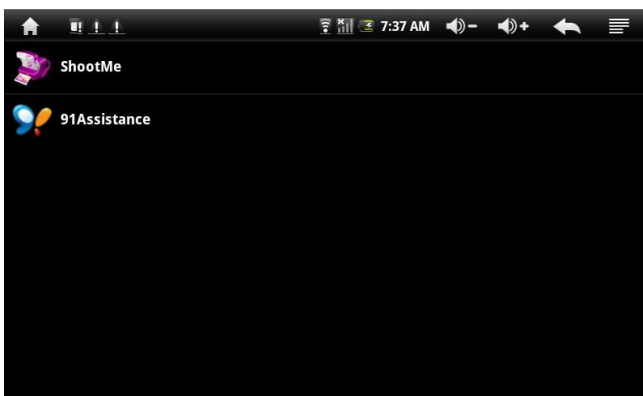
- Startup: run the software.
- Export: export the software to the TF card.
- Uninstall: uninstall the software.
- Search: search the software in the software shops.
- Cancel: cancel the operation.

• **Back**: back to the main interface.

5 Operation details:

5.1 Desktop System 1(Multimedia Music/Video/Picture/Recording)

5.1.1 **Music**

Enter the music player：In the programs interface, tap the icon into the main interface of Music Player, Double-click the favorite in the list to play music as shown in the following picture：
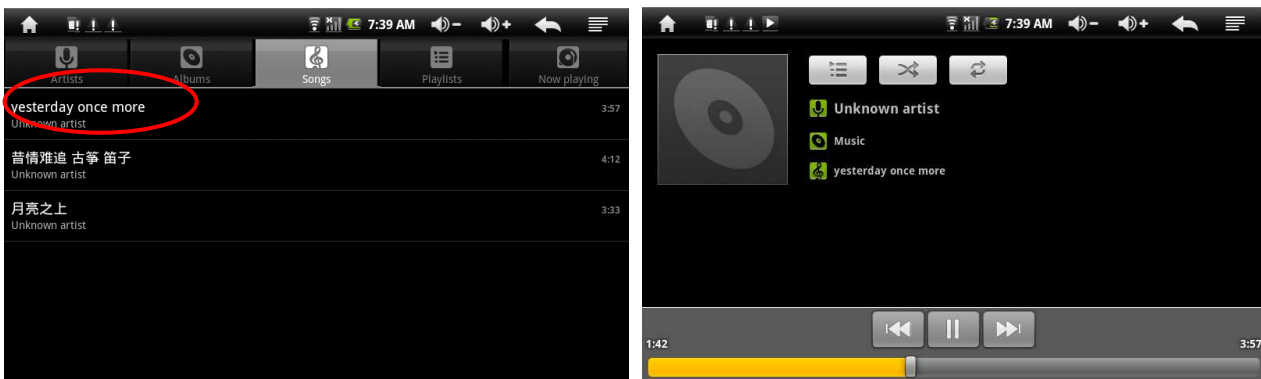
Drag the playing progress bar , to adjust the playing process.

Instructions for the buttons in the Music player.

Button	Instruction	button	Instruction
	Artist		Album
	song		Playing Music list
	Random Play		Loop playback
	Play the last song		Play the next song
	Pause		play

Audio player

In the main menu or desktop, click the icon to play the audio

● When no music files in the audio player playlist, the system will automatically load the music files from the card to the audio player playlist after turning on the audio player (the device supported audio file format: mp3, wav, midi, wma). The playlist as shown in the above figure

- If too more songs in the Music playlist area, slide up/down the touch screen to page up/down
- Double-click the favorite in the list to play music as shown in the following picture

- In the music playing interface, tap enter the audio playing list
- Drag the playback progress bar to adjust audio playback progress
- Audio player buttons description

button	description	button	description
	browse the playlist		online music searching
	artist		album
	other audio		to view the music files of disc
	New Playlist		switch to audio playing
	quit		EQ setting(normal,rock,classical ,pop)
	A-B repeat		Playing order mode
	add audio to the playlist		pause an audio
	raise the volume		lower the volume
	go to previous song		skip to next song
	play audio		

Note：Audio player can play WAV record files.

5.1.2 Video

- In the main menu or desktop, tap the icon to enter the video player interface, open the video files, Double-click the favorite in the list to play as shown in the following pictures
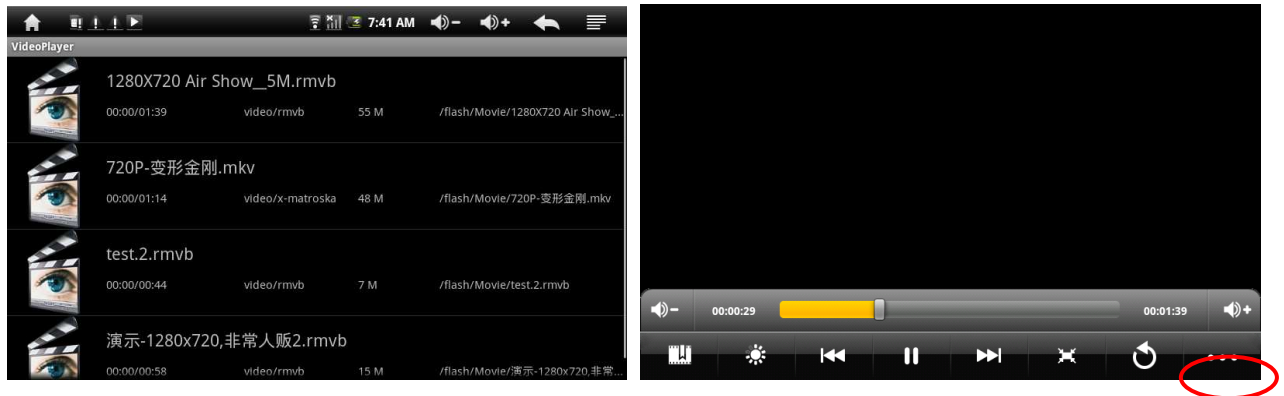
- he device supported audio file format: MKV、AVI、RM、RMVB、MP4、MOV、VOB、DAT、FLV、3GP

- When no video files in the video player playlist, the system will automatically load the video files from the card to the video player playlist   after turning on video player

- Drag the playback progress bar to adjust video playback progress

- Video player buttons description：

button	description	button	description
	adding video bookmarks		Brightness Adjusting
	go to previous chapter		skip to next chapter
	Play and pause a video		Video format 16：9 /4：3
	quit		menu
	lower the volume		raise the volume

- Click this button to set up delete bookmark, play mode, TV-Out, HDMI etc. See the figure as below
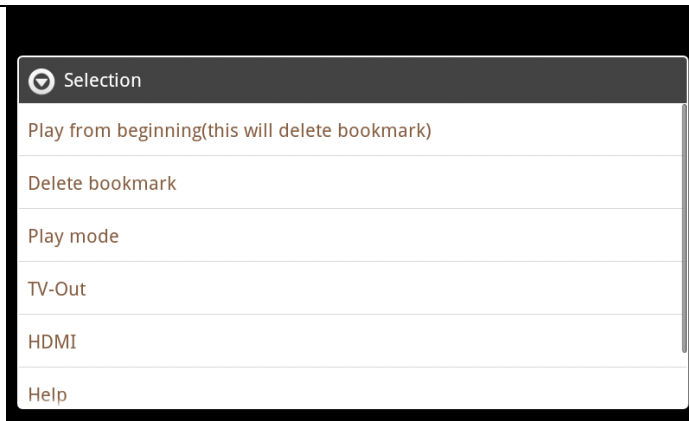
a. Tap play mode to select one of play modes: single, repeat one, repeat all, or tap back to A menu.
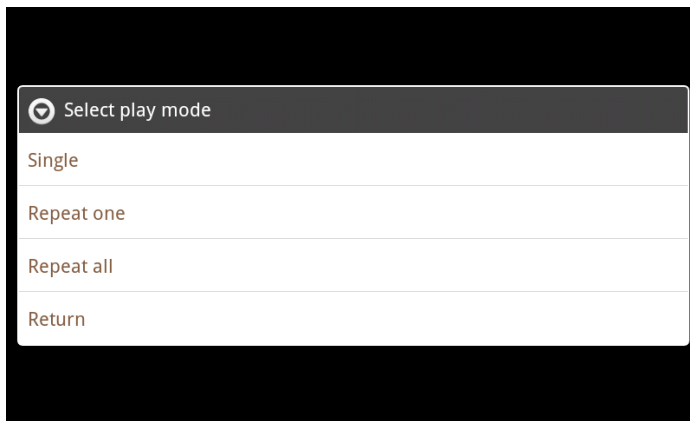
5.1.3 Picture Browsing

● In the main menu or desktop，tap the picture browsing icon to enter the viewing interface

Picture Browser button description:

button	description	button	description
	Previous image		Zoom in
	Next image		Zoom out
	Brightness Setup		Enter the Image Slide mode
	Rotate the image 900 clockwise		Rotate image 90 degree counterclockwise
	Image settings		Quit the interface of Image Browser

- **Adding image**（supports the format of picture：BMP、JPG、JPEG、PNG、GIF）

When no files in the photo list, the system will automatically load the image files from the card to the photo browsing list after opening the photo browser

Open the corresponding folder, find the image file and add the picture you want

- **Tap photo setting button, the photo can be set as wallpaper**
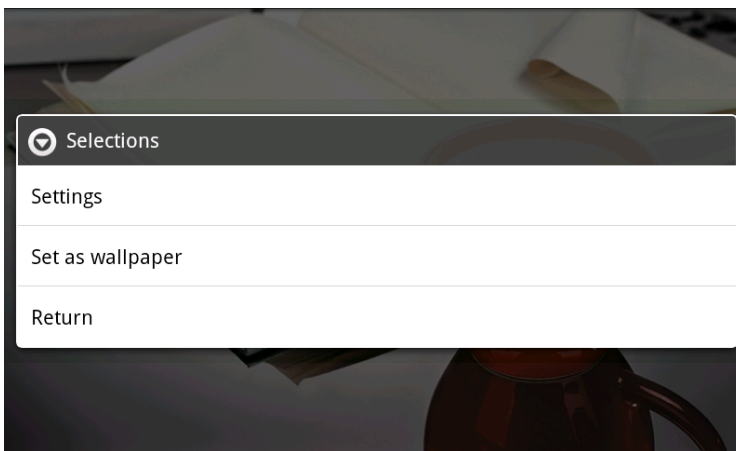

5.1.4 **Recording function**

In the main menu or desktop, tap the record iconto enter the record interface, tap record button to start recording, tap this button to stop recording, the system will remind you to use this recording or give up, please select manually.

Recording playing: please select audio player to play the recording, firstly select the record files from the explorer, then click it and playing, further details please refer to 5.1.1(audio player).
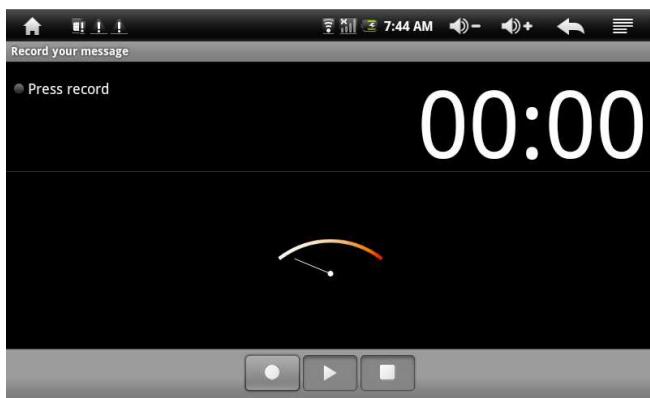
5.1.5 **Explorer**

In the main menu or desktop, tap the explorer icon to enter the Management Interface, tap 【SD Card】【Internal

Memory】and【USB】to open their root directory folders to do adding, copy, paste, delete etc, operations. Long press the

file or folder to do copy, delete, paste, remove and rename operations options, then tap previous/next folder or A menu

to finish the copy, delete, paste, remove and rename to the correct directory.
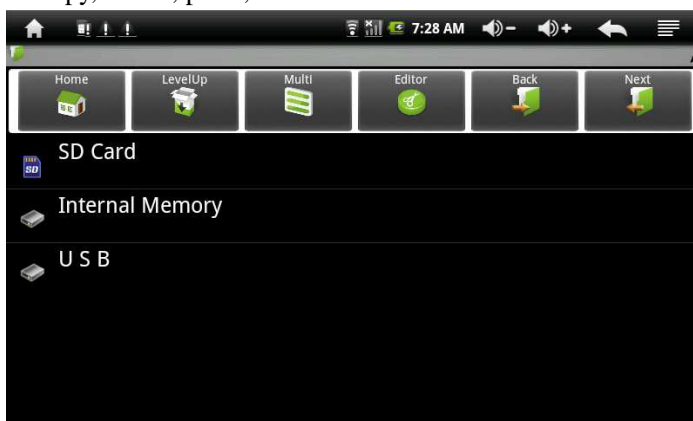

5.2 System desktop 2(E-Book)

Support formats of E-Book: TXT、LRC、PDF、Html、Htm、EPUB etc., Support automatic browsing, zooming,

bookmarks, page etc.

5.2.1 E-Book Reader

● In the main menu or desktop, tap E-Book application icon to read the e-book.

● Open the folder and select the text file；

● Double tap E-Book files to read, tap the left/right side of touch screen to flip over；

● Zoom the font: click Zoom   button ┴┌ to zoom the font, the available font sizes: S、M、L、XL、XXL

● Jump Set: tap the jump button [icon] and Pop-up dialog box, input the number of pages you want then click confirm so that it automatically jump to the specified page.

● Bookmark setting: tap bookmark icon [icon] to add, delete display the Bookmarks.

● Outline: tap the outline icon [icon] to view the outline of book

● Book info: tap book info icon [icon] to view the book name and information of the author.

5.3 Desktop System (Web applications)

5.3.1 IE Browser

When WIFI connection is in normal(details refer to chapter 4.5 WIFI SETTIN), tap the main menu or desktop's IE Browser icon to enter to the IE interface, click the address bar and input website and click Go to enter a corresponding web page, you can view the corresponding website information.
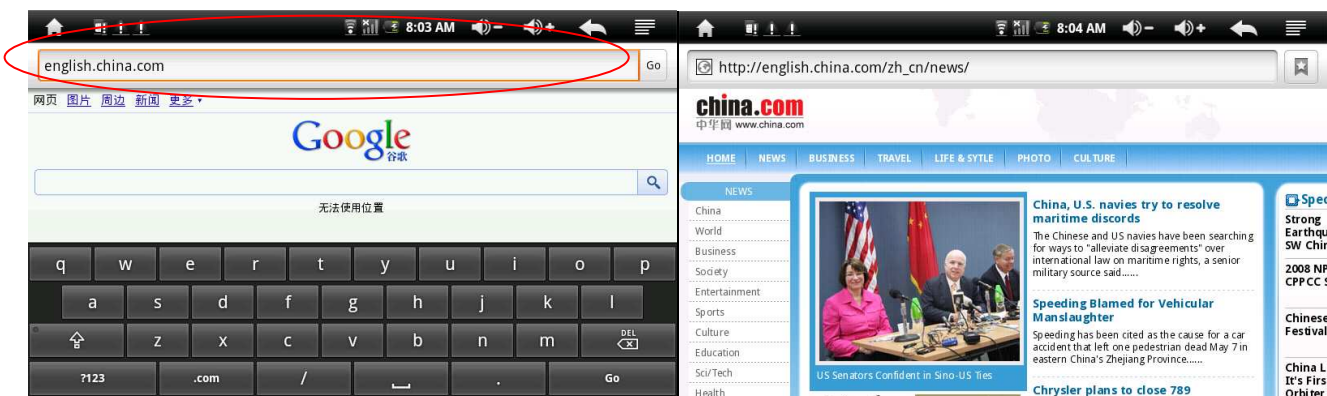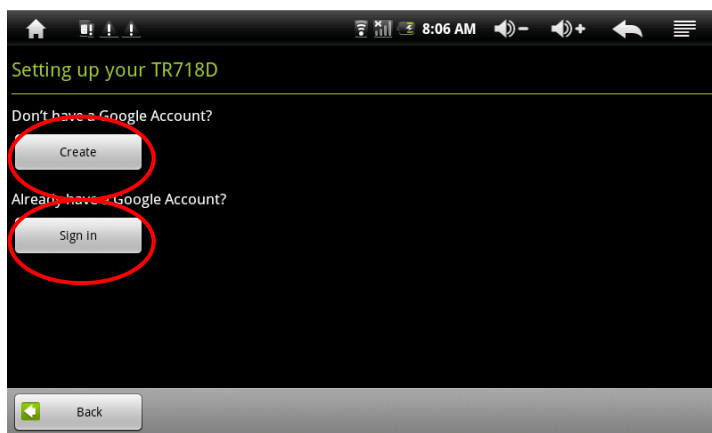

Note: The IE Explorer uses the popular third-party IE Explorer software, please follow the IE Explorer's standard operating mode to operate.
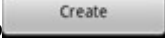
5.3.2 Email

When WIFI connection is in normal(details refer to chapter 4.5 WIFI SETTIN)，tap the Gmail icon in main menu or desktop to enter Google account, click
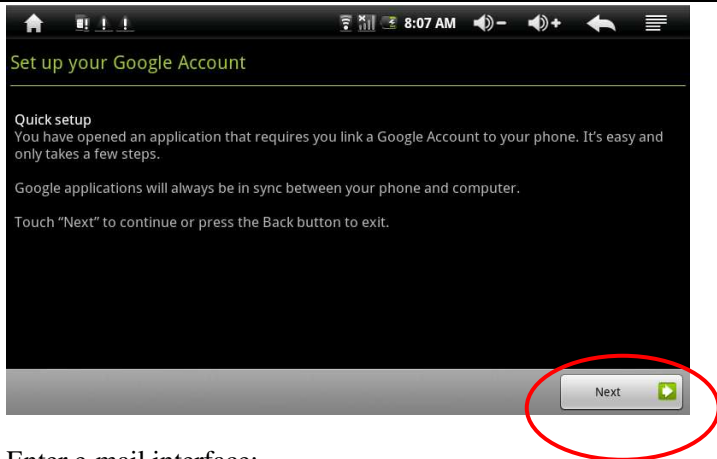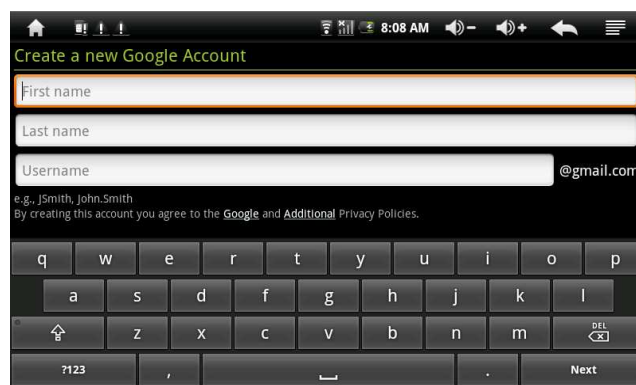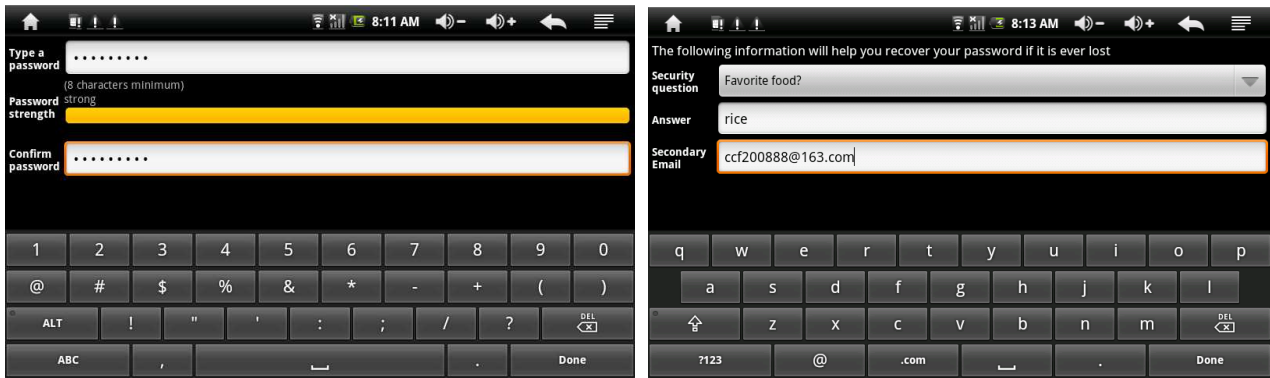
Enter e-mail interface:

If you have Google mailbox account, please direct tap [Sign in], input user name and password

If you don't have Google mailbox account, tap [Create], add Google account.
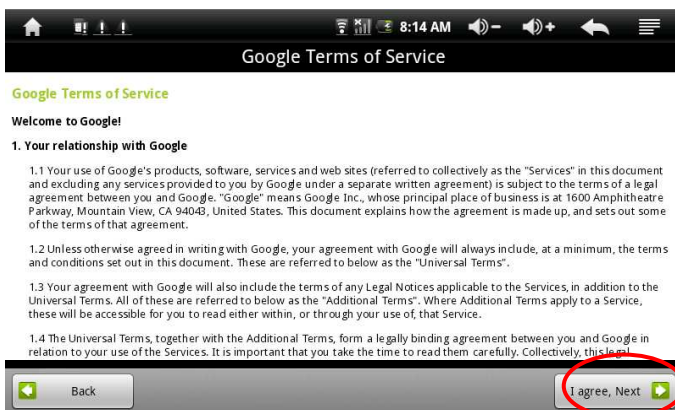
Tap [Next], pop up interface as below; Tap E-mail Address, Code Editor Separately, pop up fingerboard, input matching information; Tap [Next] to agree Google mail agreement.

Input mail password, and Re-input again to confirm, tap![Next] to answer the system questions.
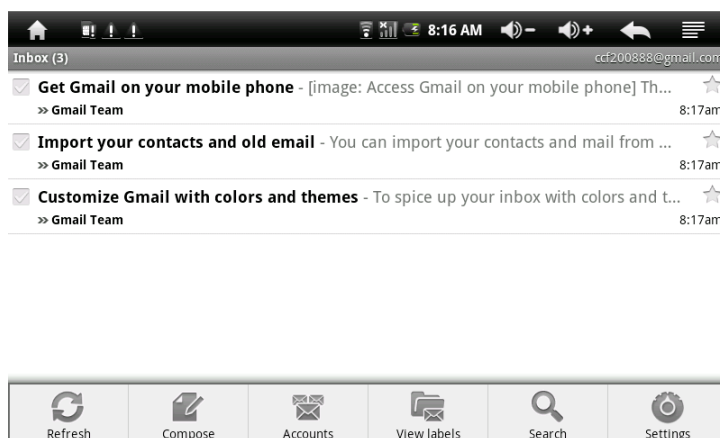

Tap Google mail agreement; complete the new account mail application.

Inbox

Auto enter inbox interface when succeed in landing:

This interface shows received E-mails, double click each E-mail, to check, reply to sender, reply to all, etc.
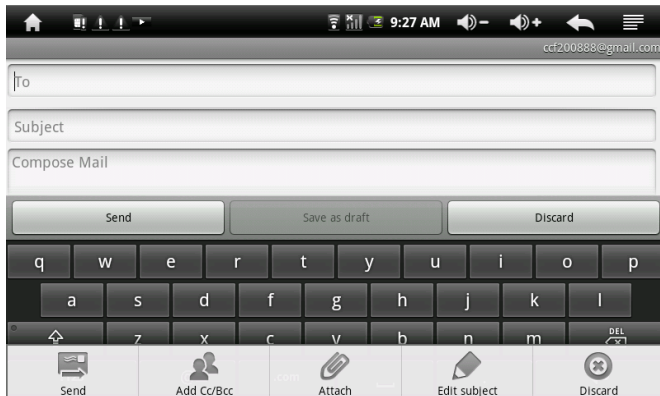

Button	Description	Button	Description

	Refresh		New Email
	Account		Check label
	Search		Setting

Edit E-mail

Tap taskbar, pop up toolbar, and tap Compose enter Email writing interface.

Tap add address Add Cc/Bcc iconto add E-mail Cc/Bcc header; on the contrary, tap it again to delete.

Tap Attach iconto add E-mail attachment.

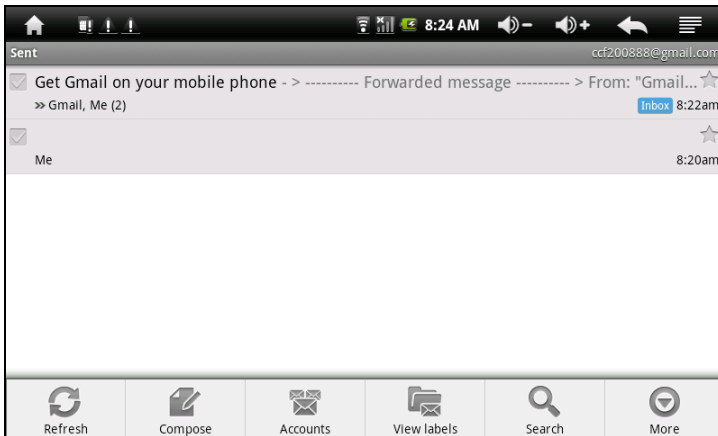Tap Edit Subject iconto enter subject line and edit directly;

Tap Discard iconto give up writing E-mail;

Input receiver address & relevant information, Tap Send iconto send E-mail;
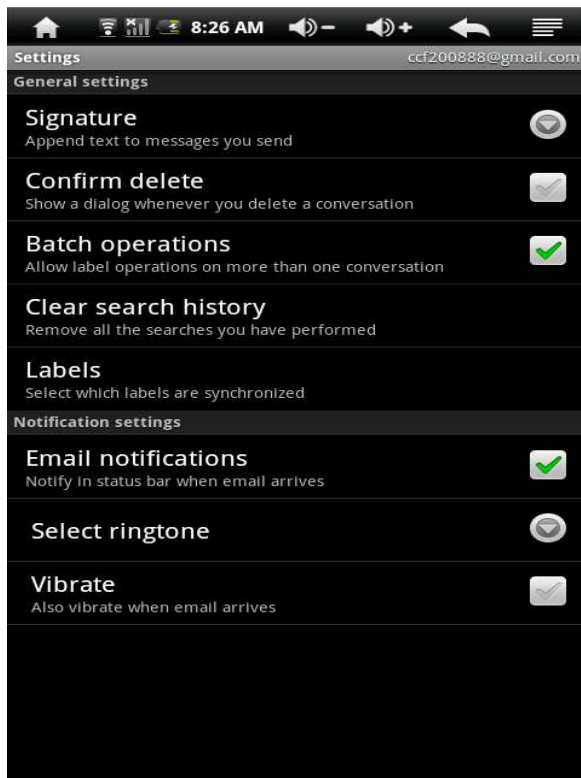
Sent

Tap iconto choose sent, pop up interface as below:

This interface shows sent E-mails, double click each E-mail , , to check, reply to sender, reply to all, etc.

Settings

Tap Desktop icon, pop up toolbar; Tap setting iconenter interface as below:

Signature: Append text to messages you send;

Confirm delete: Show a dialog whenever you delete a conversation;

Batch Operations: Allow label operations on more than one conversation;

Clear Search History: Remove all the searches you have performed;

Labels: Select which labels are synchronized;

Email Notifications: Notify in status bar when email arrives;

Select Ring tone: Select ring tone when email arrives;

Vibrate: Also vibrate when email arrives.

5.3.3 Online Chat.

• Google talk is an online chatting application, everyone can use desktop browser to enter Gmail, and contact with you via Google talk. So you have more Gtalk "friends" than it looks. (If you do not have account password, select to register an account when you enter application)

Tap [talk] on the desktop to enter Google Talk.
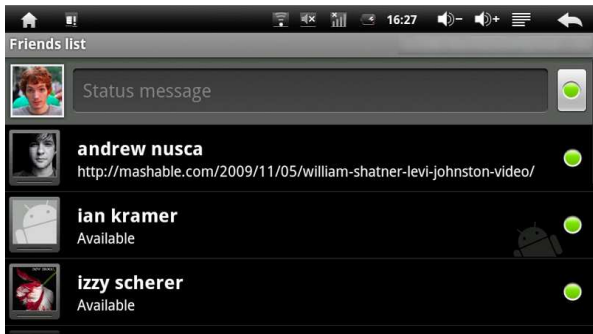
• **Mobile QQ**

Tap enter mobile QQ, input account and password to chat online.

5.3.4 Google Map

Tap Map icon on the desktop enter google Map to check maps.

- Tap Zoom in/out icon in the bottom-left corner of the screen, you can zoom in/out the map.
- Drag the touch screen, you can move the map to left, right, up, down.
- Search: Search map via place name.
- Route: Search route via starting point and finishing point.

- Map model: map, satellite, can be choose.
- My Location: Search your location via "My Location" setting.
- More: relevant information about Google Map.

5.3.5 You Tube online video.

You Tube is the world's leading video website, you can upload and share videos on You Tube. It has become a leader in the same type websites, and created a number of internet celebrities and stimulated creativity on line. You Tube has become the most-visited video cast website of the world.

Tap You Tube icon on the desktop, enter http://www.youtube.com/ directly, you can enjoy thousands of videos on line.

5.3.6 QQ live

QQ Live is a network TV Client Software; you can enjoy rich & colorful live streaming service video and VOD on line. It has all latest movies, teleplays and entertainment program.

Tap QQ live icon on the desktop, enter http://live.qq.com/ directly, you can enjoy massive high-definition online videos via QQ live.

5.4 Desktop System 4 (Game Function)

This desktop shows game icons, Red Heart 21 Point, Tractor, QQ Farm Assistant, Fat Mouse, Spiderman, etc. You can install games as you want.

Tap relevant game icon on the menu or desktop, enter the game interface, you can play the game by following the instructions on the screen; you will have much fun in it.
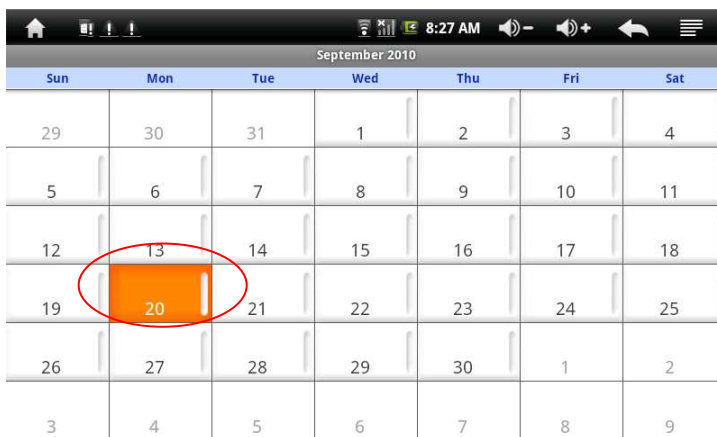

### 5.5 Desktop System 5 (other functions)

5.5.1 Calendar

Tap Calendar icon , enter calendar interface:

- In calendar mode, press and pull up/down the screen to reduce/increase the Months; or to turn the pages.
- Auto adjusts Years when the month exceeds December or January.
- Enter interface, the number in the orange form is the intraday date, you can change the date in setting function; details as the setting section. .
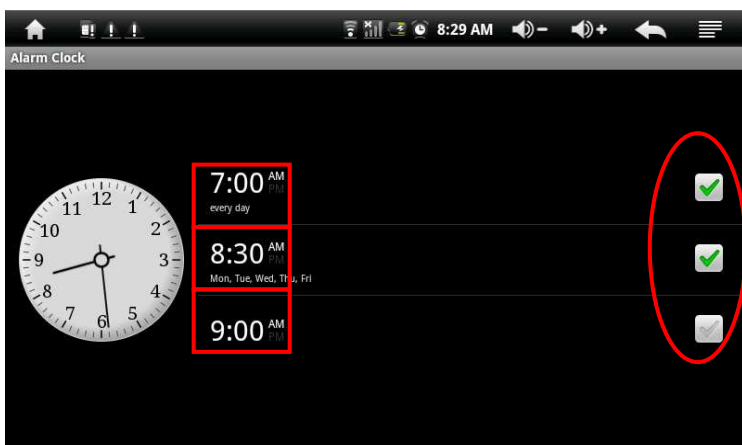- Tap to return to main menu.

5.5.2 Calculator

Click Calculator icon on the desktop to open calculator:
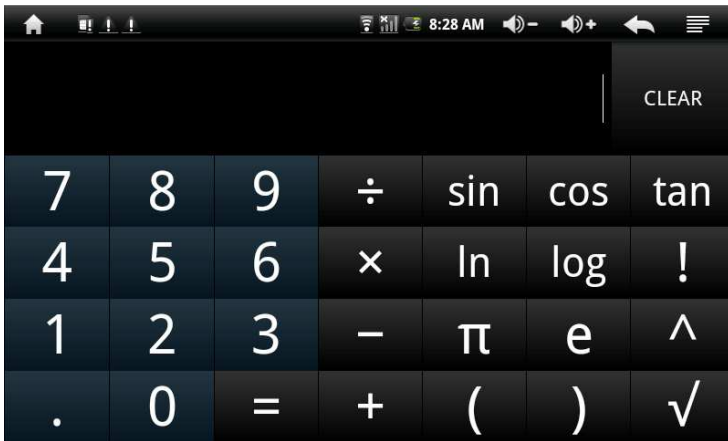
5.5.3 Alarm Clock

Tap Alarm Clock icon enter setting interface, you can select the√behind the clock time to set three clocks simultaneously, details as below:

Tap any of above clock time to set up: time, bell, vibration, repeating and label.

- Everyday: Setting repeat the bell at the same time everyday

- Monday to Sunday: can choose the days and same time of each day

- No: to set up the bell for one time, no repeating
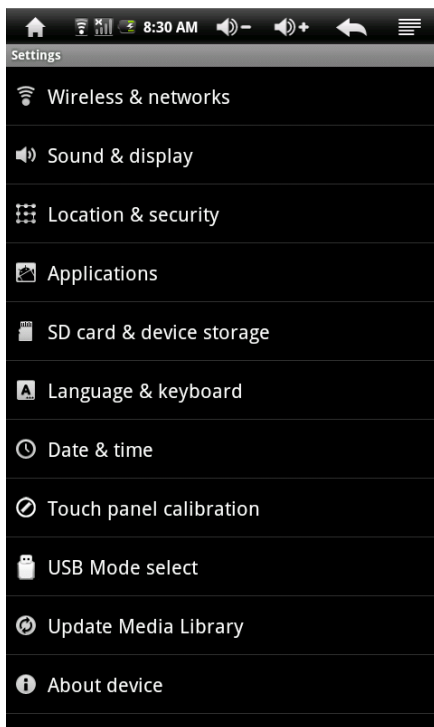
- Pattern: to choose the bell pattern

5.5.4 APK Installer

Tap APK installer icon on main menu or desktop enter installing interface, to get details from 4.9 APK chapter.

5.5.5 Setup

Tap of main menu or desktop to set wireless and network, sound and backlight, location and safety, application
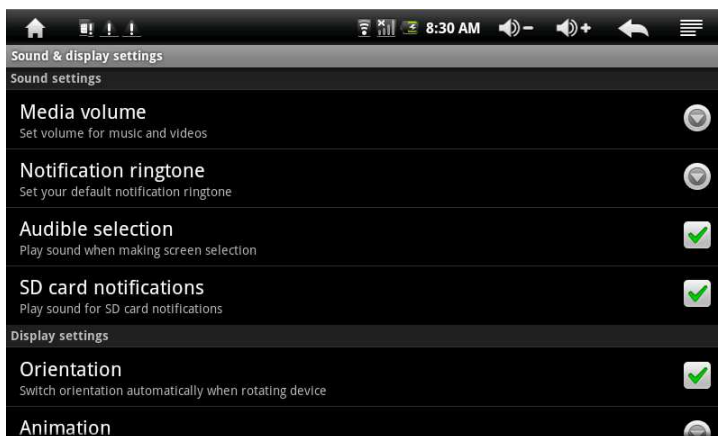
and so on, slide on screen to page up/down

5.5.5.1 Wireless And Network Settings

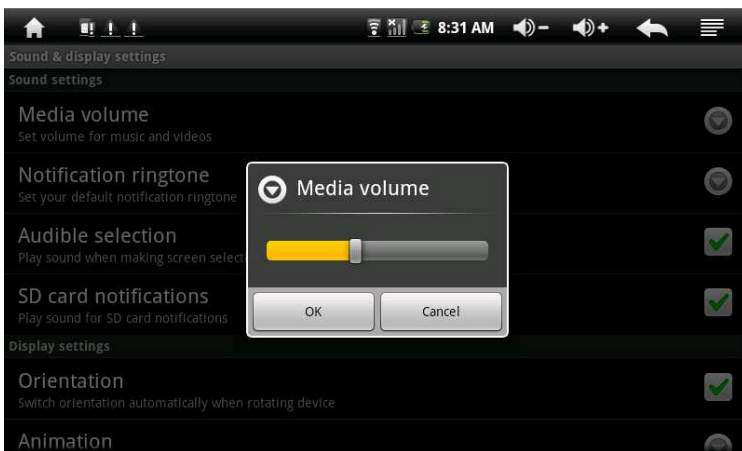Details please refer to WIFI setting in Chapter4.5

5.5.5.2 Voice and Display Settings
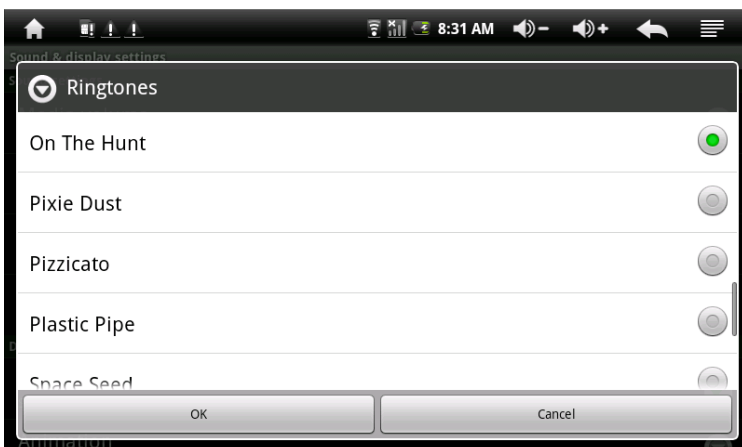
● Tap 【sound&display】enter to settings interface

a Media volume settings:：

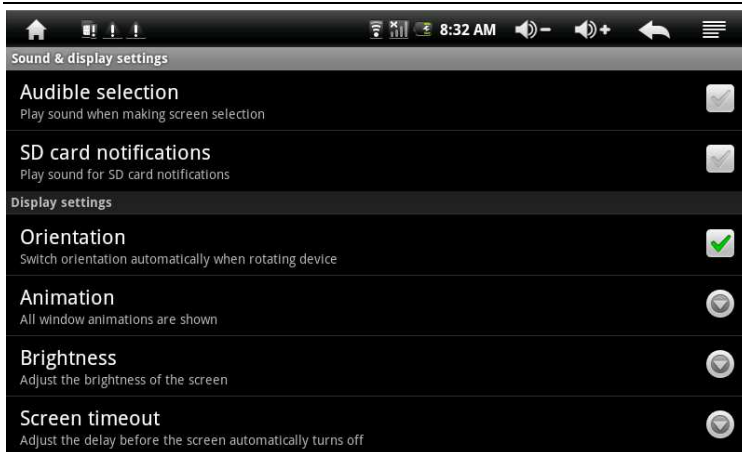Tap 【media volume】to enter setting interface ,then to set up music and video volume

b Ringtones settings

to choose any of defaults ringtones：

c. Set operating sound (screen choosing) and SD card notifications as optional, tap and tick
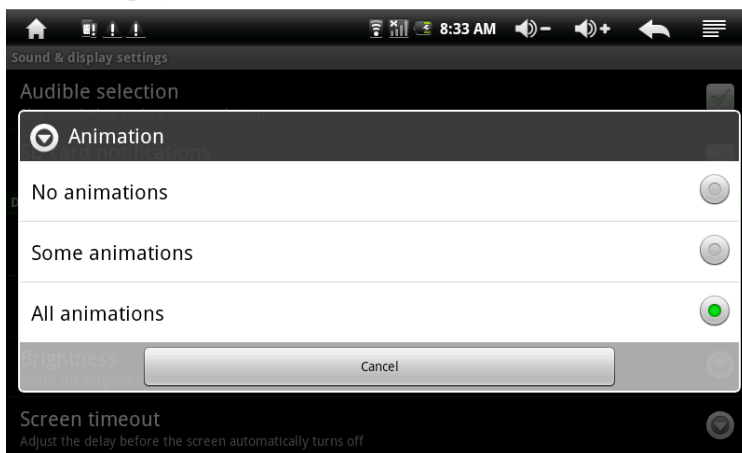**till highlight displaying.**
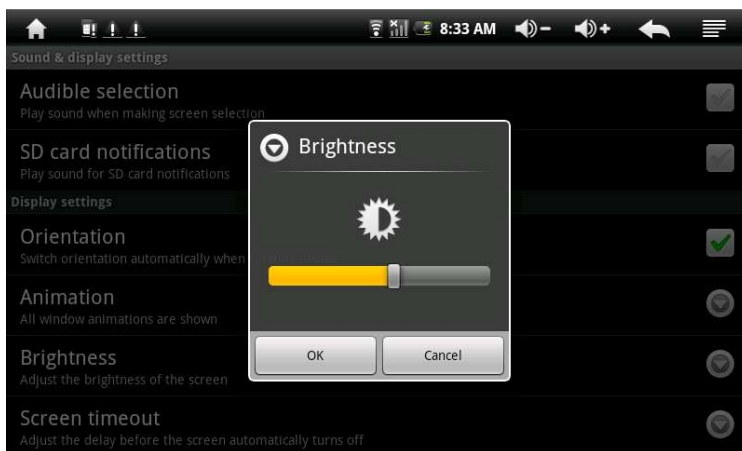
● **Display settings：**

a 【Orientation】

The display screen will change the direction automatically when it rotating
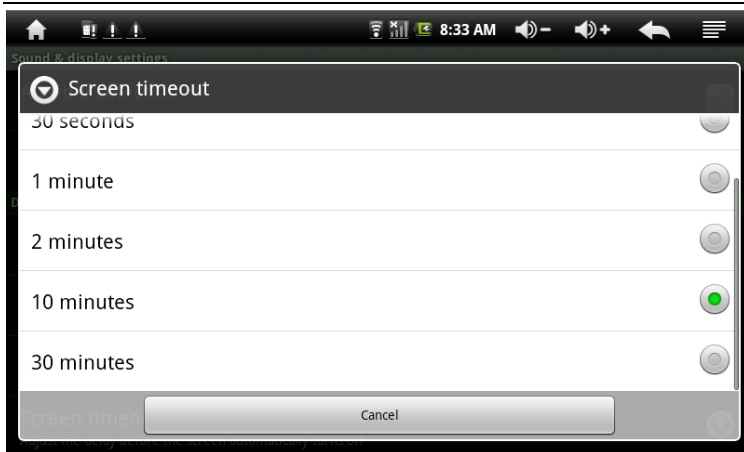
b 【Animation】

Display all animation in all windows

C 【**Brightness**】Drag to adjust brightness，tap "OK" and "back".
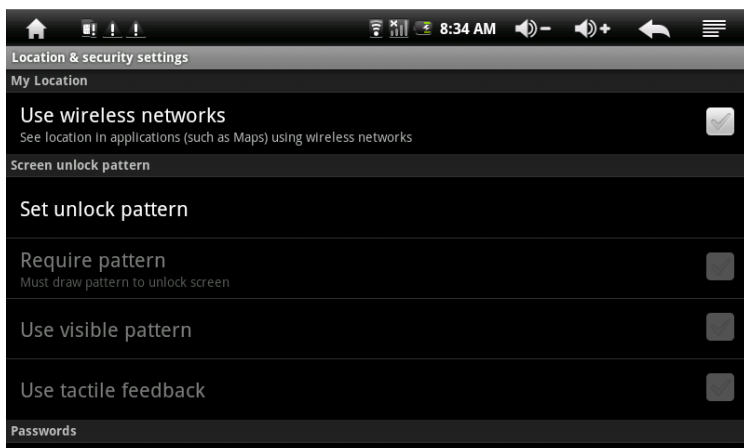

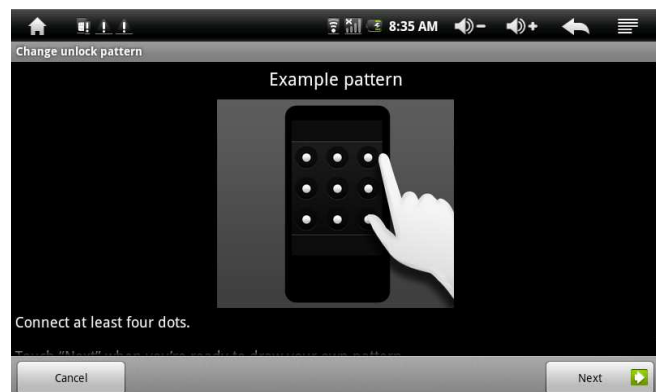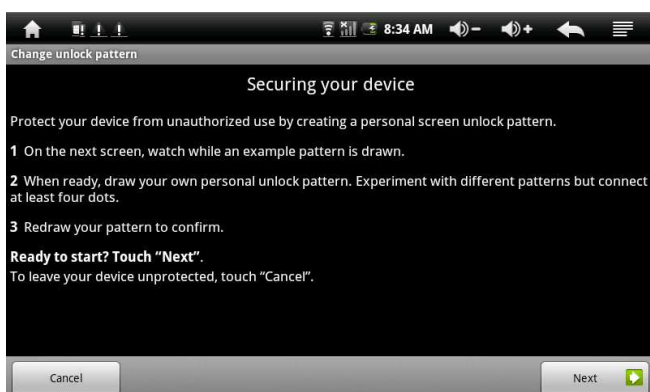**d** 【**Screen timeout**】

5.5.5.3 Location and Security settings

Tap 'Location and Security" to enter the setting interface:
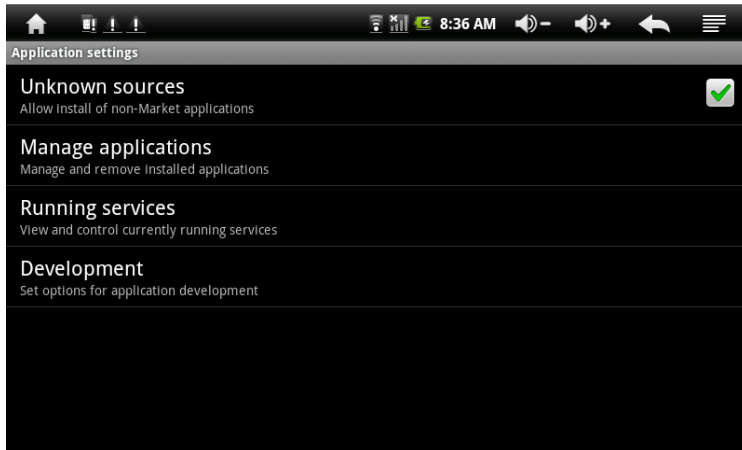

Set unlock pattern

Tap "set unlock pattern", then tap

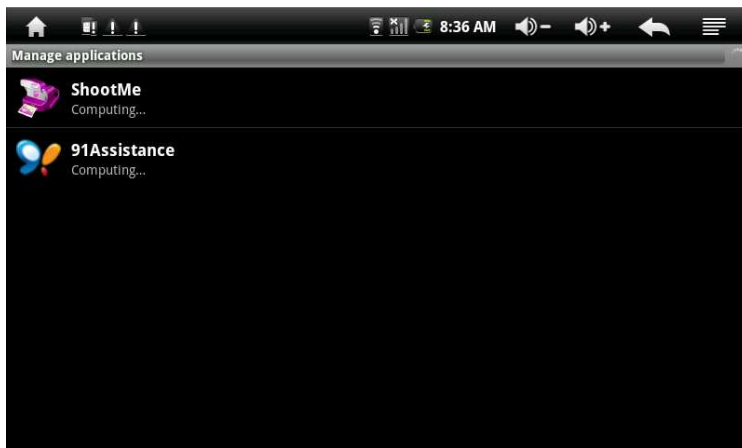Draw the unlock pattern, at least to connect 4 points, tap "next" ,then finish.

5.5.5.4 Application settings
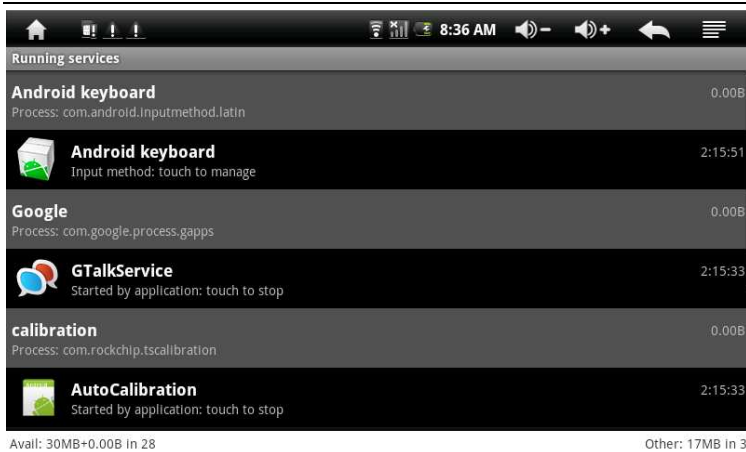
Tap Application to enter setting interface:

● **Manage applications settings：**

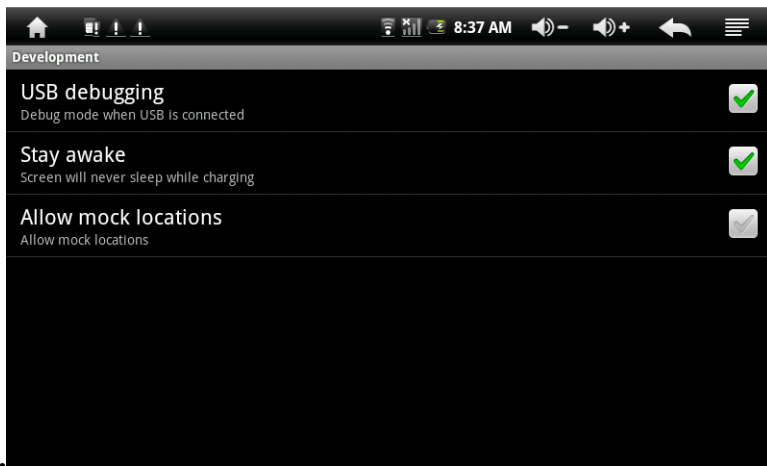Tap 【Manage applications】 to manage or delete installed applications

● **Running service settings:**

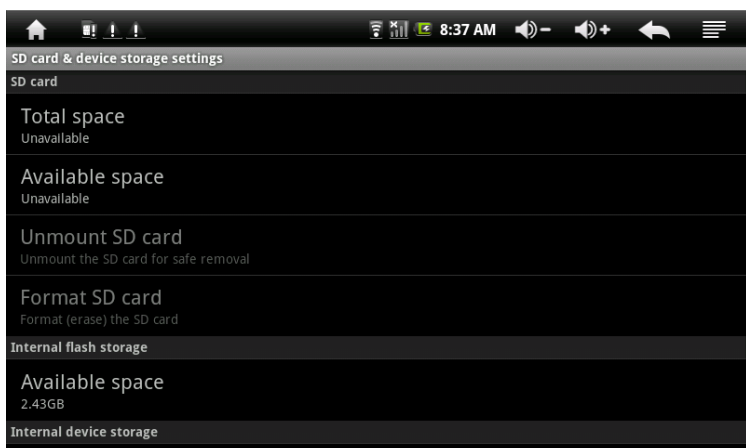Tap【Running service】to see and control the running service

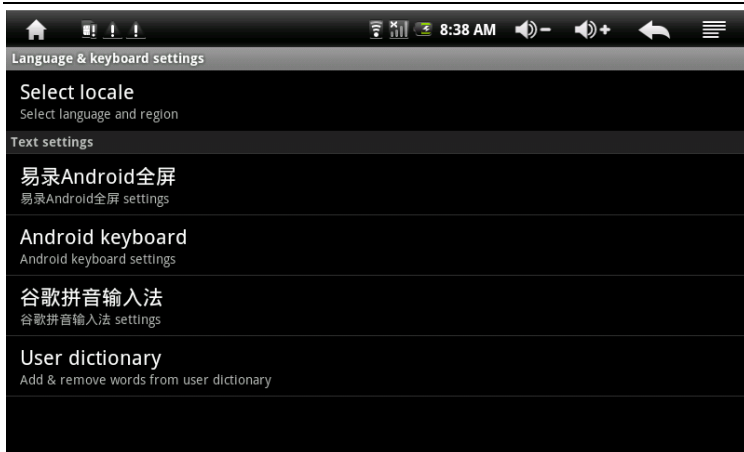- **Development setting：advised to use factory defaults, or any change will make some function not available**

5.5.5..5 SD card &device storage settings

Tap SD card &device storage to enter following to check total space, available space, format SD card, etc

5.5.5..6 Language Keyboard Settings

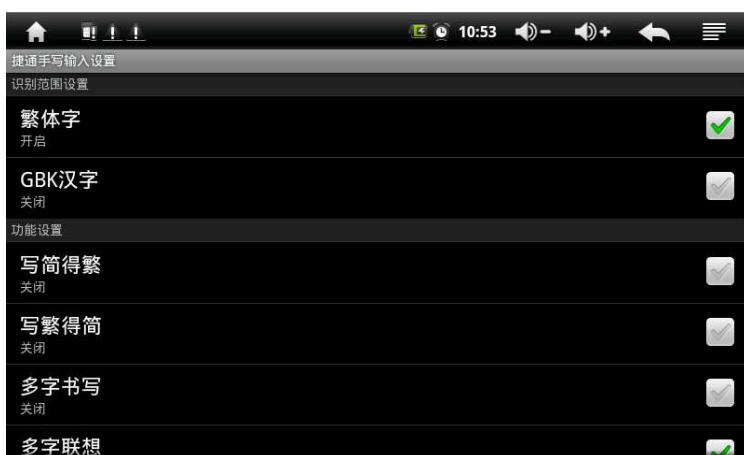Tap【Language Keyboard】to enter setting interface
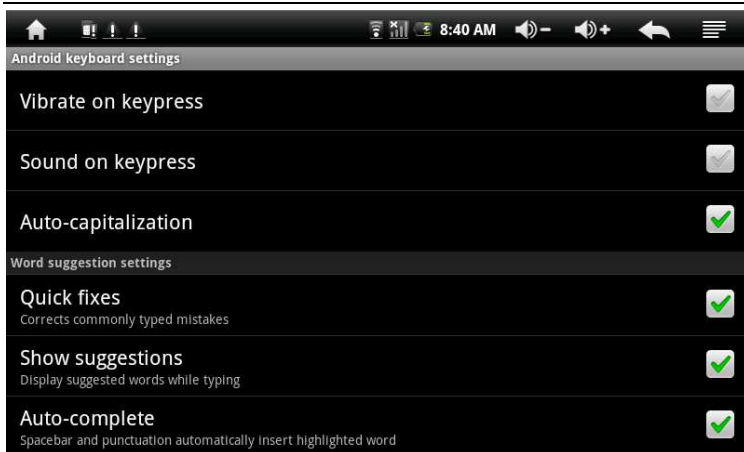
- **Language Setting：**

    The device support multi-languages, you can select operation interface of different languages according to your

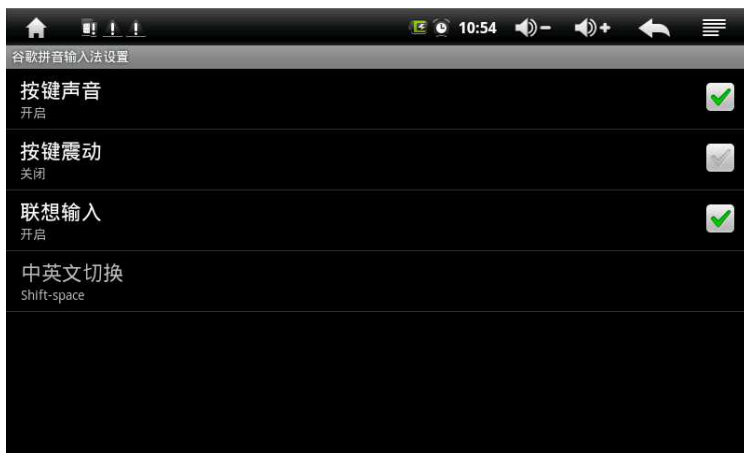   needs. Select matching language option, tap [icon] to confirm and back
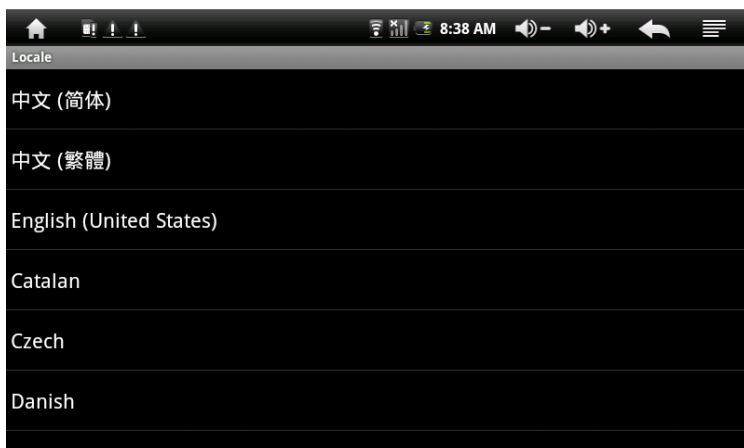
- **Input Method setting, Android Full Screen：**

- **Android Keyboard setting：**

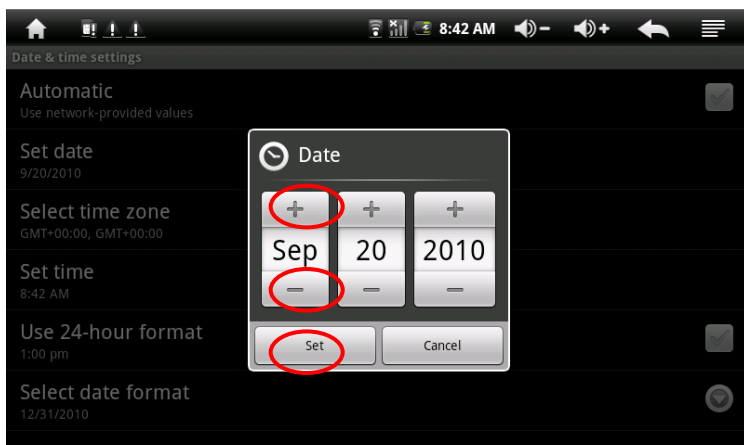● **Google Input method setting:**

5.5.5.7 Date & Time Setting:

Select Setting Menu > Date and Time into setting interface, select the √ behind the Automatic option , to modify the Date, Time Zone & Time.

● **Date Setting: :**

Tap ![+][−] to select Day, Month & Year, and tap icon [Set] to confirm OK
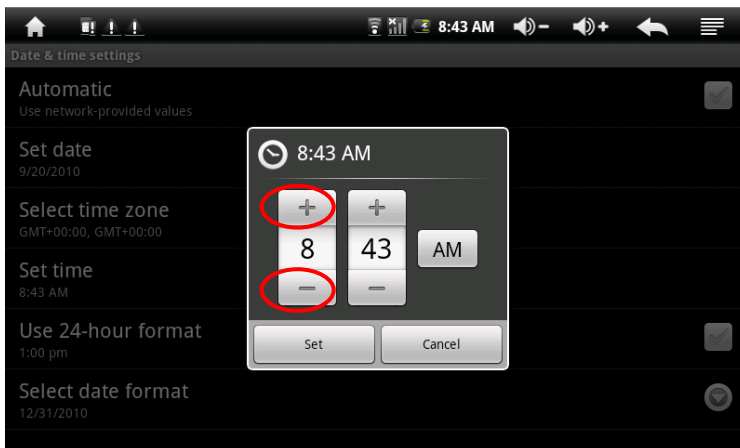
● **Time Zone Setting：**

Select the time zone you are in and tap：
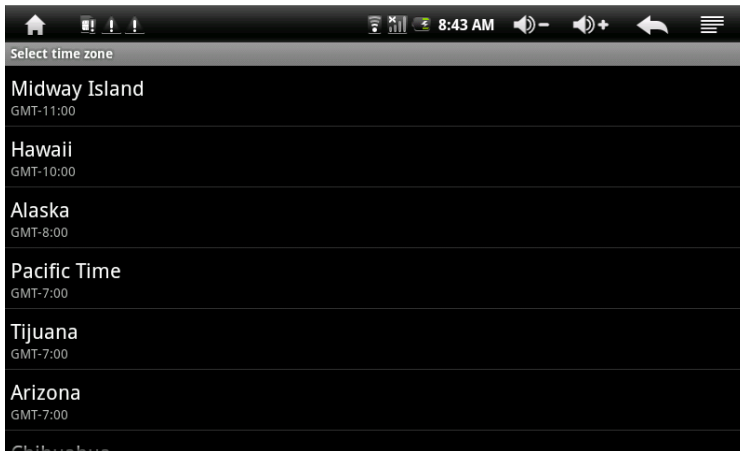
● **Time Setting：**

Tap [+] [–] **to select hours & minutes, e.g.: 10:50, and tap icon** [Set] **to confirm OK。**

● **Date Format Setting：**
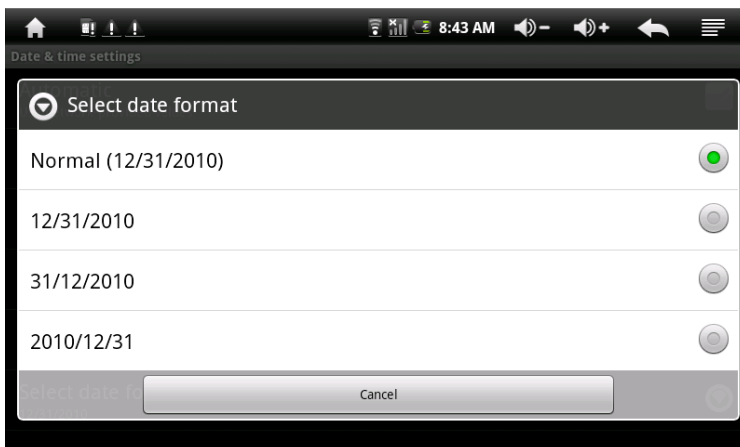
5.5.5.8 Touch Panel Calibration

Details refer to4.1 Touch Panel Calibration Section Chapters

5.5.5.9 About the Device

• Check power consumption, legal information, device state & software version, etc.
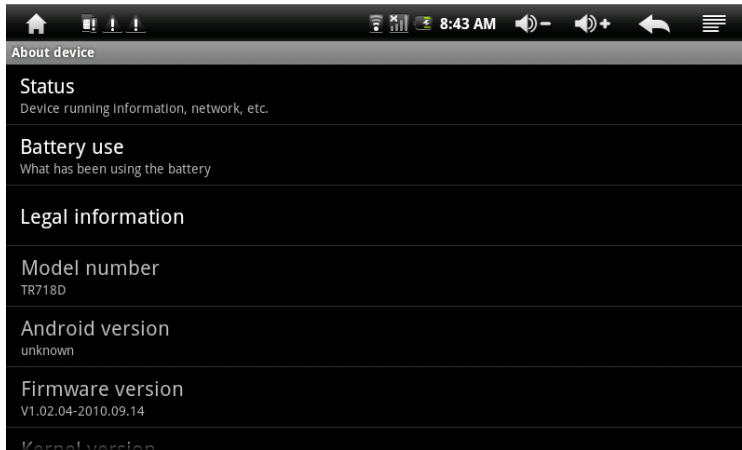
5.6 Desktop Function Icon Setting

5.6.1. Add & Remove Desktop Function Icon:

Tap icon [▤] at top-left corner of main interface, into desktop setting interface, you can select wallpaper and add widget, etc.

Shortcut Icon:

Tap   icon   [Add]   into   desktop   widget   interface   as   follow:
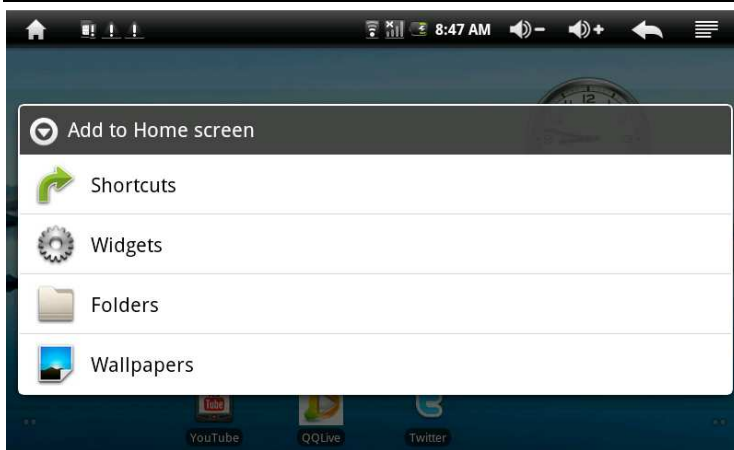
Select shortcut icon to add to main interface, tap the matching option to add.
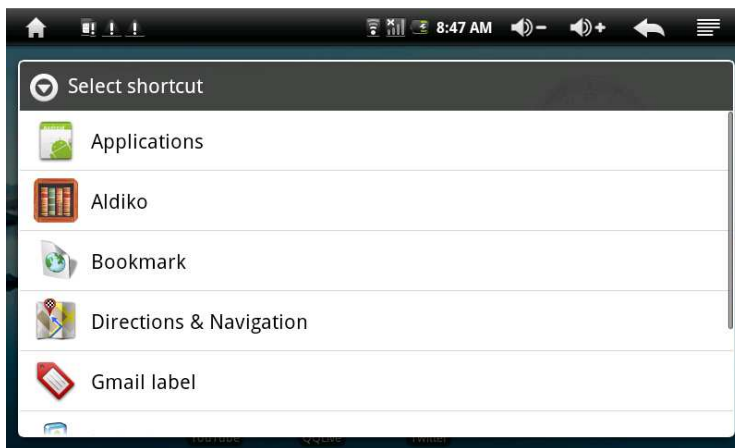
Select desktop widget to add to main interface, tap Search, Calendar, etc to add：
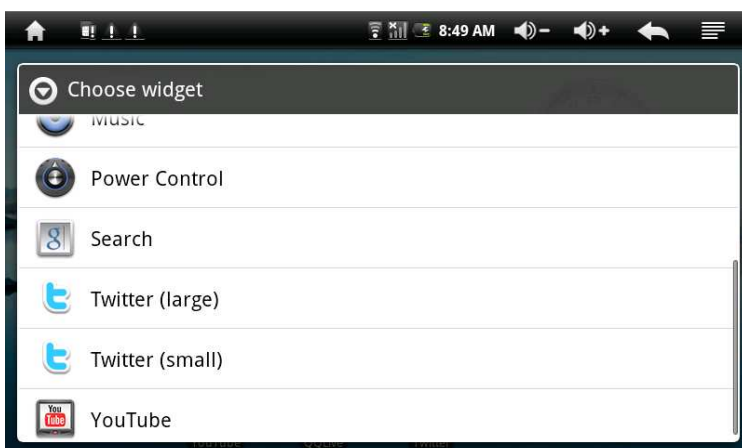
5.6.2 **Wallpaper Setting:**

Tap icon ![Wallpaper], to change the wallpaper and select the picture you want, tap ![Set wallpaper] , wallpaper setting successed.

5.6.3 Tap icon ![Search] shortcut to search engine:

5.6.4 Shortcut Notification

Tap icon ![Notifications] to check the current notification status:
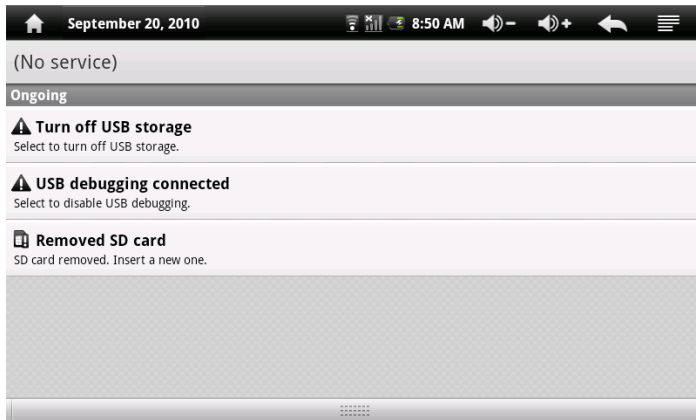
5.6.5 Shortcut Setting
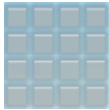
Tap [Settings] into setting interface, details as 5.10 chapter

5.6.6 Add, Move or Delete Desktop Icon

Tap icon [ ] at the main interface, into function menu list, display all the application icons by pages . Press and drag the application icon to copy to current desktop i.e. set the shortcut on the desktop.

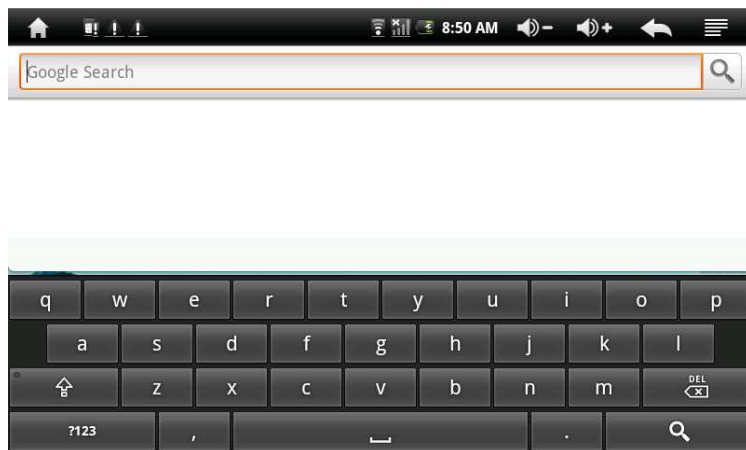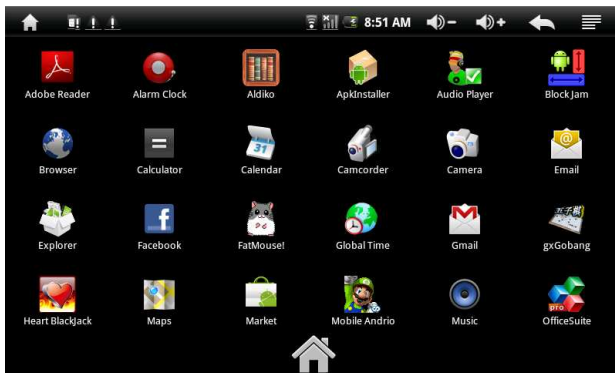Long press the application icon on the desktop, enter into editing status and you can move the icon. When you

drag   the   icon   to   [ ]   ,it turns to delete function, and release the icon you can   delete it.

6. Firmware Update

Please turn off the power or cut off the built-in battery, open the upgrade tool "RKAndroidTool.exe", select the √ in front of the "Loader" & "Backup" options at the pop-up window; Pressing "ESC" button for firmware update without release till the tool bar showing "Discover a RK Android Loader Rock USB Device"; Click execute to start upgrading; Upgrading status is showed on the right side information bar, when prompted "execute successfully" and the upgrade is finished, rerun the system to use.

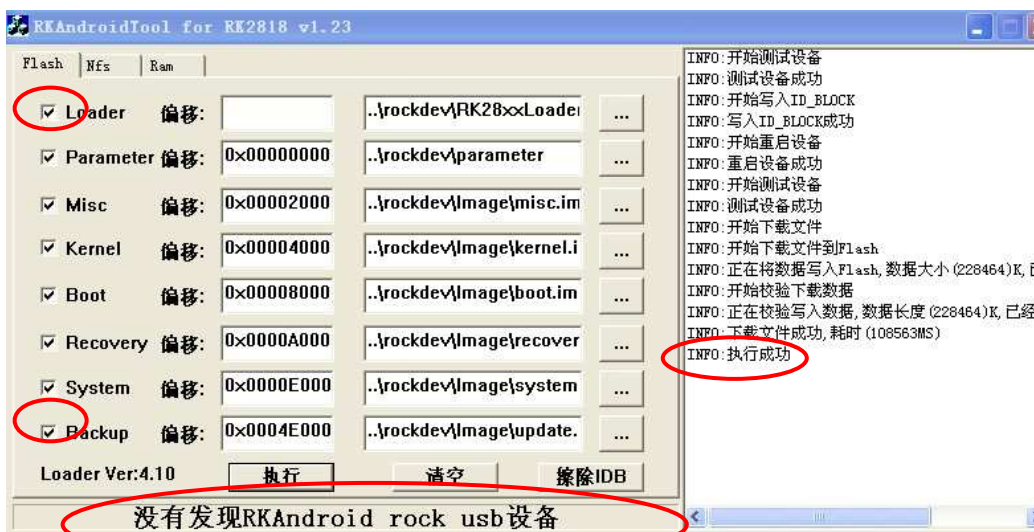## Troubleshooting

◆   Can not turn on the device.

◆   You can not turn on the device when the is below the critical level, please charge the battery connect to the computer via USB cable or charge via AC charger, try to turn on again while ensuring quantity of electricity.

◆   Press the RESET button on the top of the device and check if the restarting is normal or not.

◆   Check if the charger is connected well or not.

2． The stand-by time of the MID is too short.

◆　 The duration of the lithium battery varies with environmental temperature changes and the service conditions. If the environment temperature is too low or too high, the duration of the battery will be affected. It is recommended to use this device at normal temperature!

◆　 From the usage of the device, larger screen of the device cost more electricity. In addition, affected by the volume increase, sound field special effects, and other factors such as frequent operation, the actual duration may be different from specified one to a certain extent.

3．No sound via earphone.

◆　 Please check if the volume setting is 0.
◆　 Please check if audio file is broken, and try to play other audio files to confirm . If the audio file is broken, it may cause severe noise or staccato

4. Can not copy files.

◆　 Please check if the device is connected to the computer correctly.
◆　 Please check if the memory space is full.
◆　 Please check if the USB cable is broken