

# Dpad/Tpad telechip 8902/8803 user guide

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# 1 Foreword

## 1.1 Acknowledgements

Thank you for choosing our products. Products for MID (Mobile Internet Device), this is a kind of mobile Internet equipment, delicate and cabinet, easy to carry. Equipped with a high resolution 800x480 LCD touch screen, can see high-definition video and images. Support to install multiple office, entertainment etc applications.

The dazzle cruel interface can let you have new user experience.

This manual introduces the various functions, using skills and announcements.

Please read the manual carefully before using MID.

## 1.2 Announcements

### Maintenances

- I Please keep MID dry. Do not let equipment, battery charger contact water and vapour or use wet hand to operate equipment or charger. Lest cause short-circuit, corrosion caused by equipment failure, and personnel.
- I Don't make equipment, battery and charger strongly impact or vibration. Lest cause equipment, battery and charger fault, fire or explosion.
- I Don't put this equipment, battery and charger in the too high or too low temperature region. Otherwise you may cause equipment, battery and charger fault, fire or explosion.
- I Do not hit, throw, acupuncture the MID, and avoid drop, extrusion, bending MID.
- I Do not unauthorized equipment and accessories, otherwise the equipment and accessories will not in the company's warranty scope.

## 1.3 Safety Tips

Before you use the MID, please read this section information .and let your child know these information. For detailed information, please refer to the safety guidelines and note.

- I Do not use MID in driving, in order to prevent the safe driving.
- I In medical sites, please comply with relevant provisions or regulations. Please close MID near the medical equipment area.
- I Please close MID or open planes mode when you are boarding, to avoid wireless signals jamming aircraft control signal.
- I Please close MID near the use of high precision electronic equipment, otherwise it

may lead to electronic equipment disabled.

- l Do not unauthorized to remove MID and accessories. Only authorized institutions can repair this MID.
- l Please put MID away from magnetic equipment. The radiation of MID will erase information which is on magnetic storage device.。
- l Please don't use MID in the high temperature and flammable areas (such as near gas station).
- l Please don't put MID and accessories in this place which children can touch it, please do not let the child use MID in unsupervised.
- l Please abide by the relevant laws and regulations when you use the MID, and respect others lawful rights and privacy.
- l Please strictly abide by relevant specification of this manual when you use USB cable. Otherwise it might damage your MID or personal computer.
- l Please don't use MID in the damp environment such as bathroom etc. And avoid the MID soaked or flushed by the liquid.

## 1.4 Acronym/terms

Acronym/terms	Full name	Instruction
MID	Mobile Internet Device	Mobile Internet terminals
WIFI	Wireless Fidelity	Based on the IEEE 802.11B standard wireless LAN
TF	Trans Flash	Also call : Micro SD
HDMI	High Definition Multimedia Interface	High-resolution multimedia interface

## 2 A Brief Description of MID Series of Products

### 2.1 MID Overall Drawing

EM73 Front View

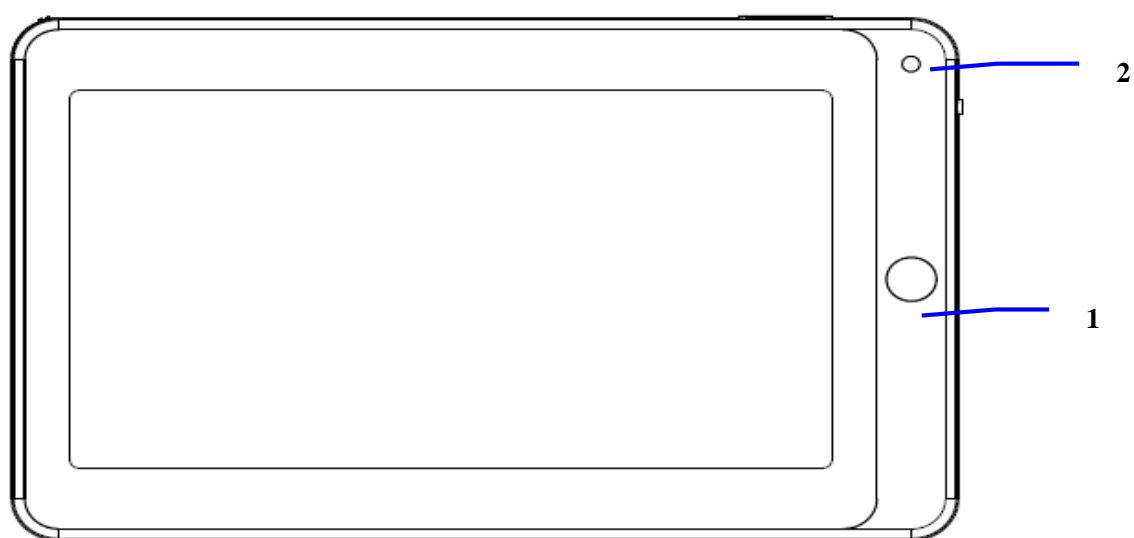


Figure 2-1

EM73D Side View

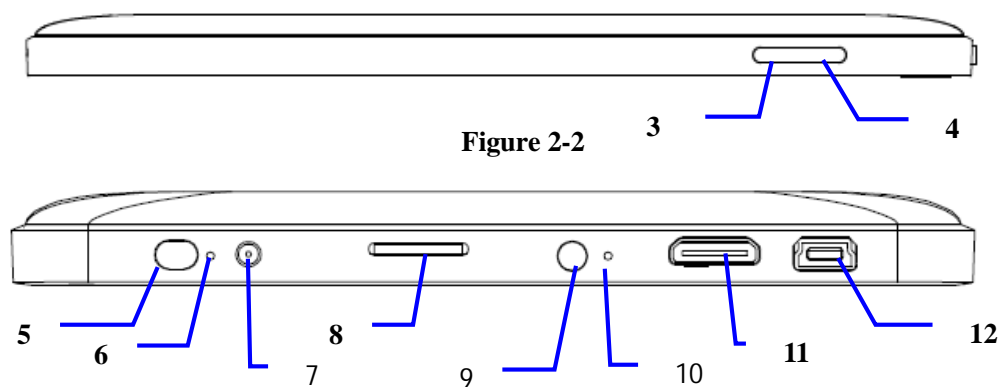


Figure 2-2

## EM73D Bottom View

Figure 2-3

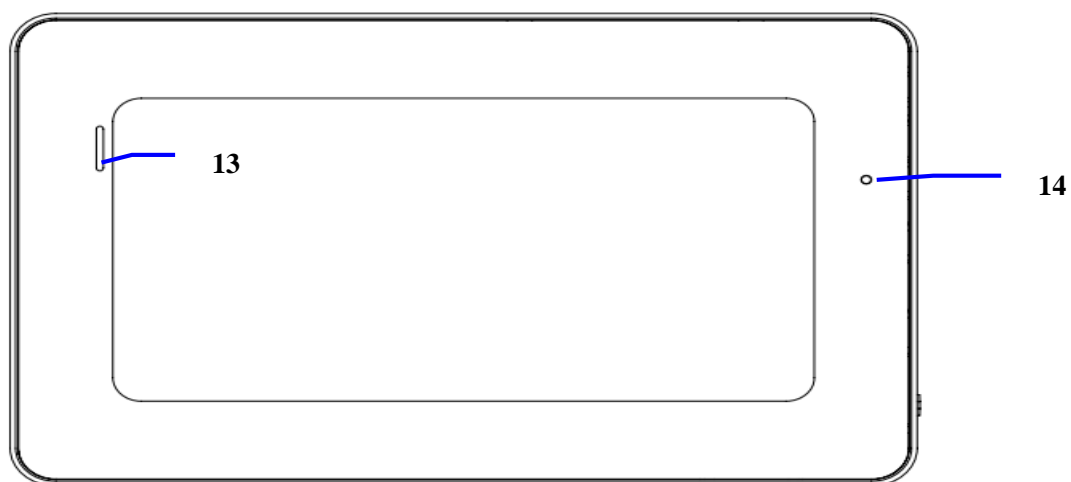


Figure 2-4

Description of EM73 Button Functions			
1	Return button	2	Camera
3	Homepage key	4	Menu key
5	On/Off key	6	Power indication lamp
7	Power interface	8	TF
9	Earphone interface	10	MIC
11	HDMI	12	miniUSB
13	Speaker	14	Reset key

## 2.2 MID Accessories Introduction

### Packing List

Your MID packing box includes the following items

- I MID complete machine
- I Power adapter
- I USB cable
- I Mini USB connecting lines
- I 4G TF card (Optional)
- I Earphone (Optional)
- I User manual
- I Compact disc (Optional)

## 2.3 MID Use and preparation

Battery charging







Before using MID firstly, please charge for battery.

1. Use the ac adapter to charge for MID.
2. In order to ensure that the battery is full, please charge for 4 hours or more.













## 2.4 MID State and information

### Notice Icon

Please click column frame and slide on screen by touching pen to open notice list when the message appears notice panel. Click to requisite view options, check the detailed information. Later you can click information box and slide to shut up information windows. The icon illustration for status bar as follows:

	New email		Mute
	New instant messaging		No SD card
	Use USB line to connect computer with MID		Uploading/downloading



	Matters to be handled		Download is completed
	Alarm opening		General notice (such as: synchronization error)
	Music playing		Flight mode
	Data synchronization		Charging
	Insufficient SD card space		More
	WIFI service already connected, network available		Battery changing sign

#### Notice panel

Notice icon will display the new message, the setted alarm clock, schedule, and SD card inserting etc. You can open inform panel to check specific information.

#### Open notice panel

When notice bar appears new notice icon here, please hold notice bar, then slide down fingers or touching pen, then you can open notice panel.

## 3 Quick start

### 3.1 Button function

#### Key functions illustration:

Power key	<ul style="list-style-type: none"> <li>Long press this button for booting</li> <li>In booting condition, long press this button pop-up shutdown options.</li> <li>In booting condition, press this button to turn off the screen</li> </ul>
Menu button	<ul style="list-style-type: none"> <li>Press this button to open the interface menu</li> <li>Press this button to unlock in the lock screen condition</li> </ul>
Back button	Press this button to back a previous operation procedure or previous operation interface.
Page key	<ul style="list-style-type: none"> <li>Press this button to return the function interface from arbitrary interface.</li> </ul>

	I Long press this button to open recently application window.
--	---

## 3.2 Boot and shutdown

### Boot

After long pressing 2 seconds for the power button, you can see the boot logo.

The system is access into screen locking status after opening, please press the menu button to unlock.

### Shutdown

1. Long press the **power button**, then popup "shutdown" options.
2. Equipment options have silent mode, flight mode and shutdown.
3. Click the **shutdown**.

## 3.3 Screen of opening and closing

### It will be closed during the screen idling.

1. After idling period of time, screen will be automatically closed to save the battery.
2. In the screen opening condition, press the power button, the screen can immediately shut down.

Tip: if you need to find out how to configure screen closing time please refer to chapter 9.1.

### Opening in screen closed condition.

If screen is in the closed position, you can long press Return button or other buttons to activate the screen. Enter locked condition after opening it, press "lock "icon and slide up for unlocking, and holding up " voice "icon and slide down for mute condition with finger or touching pen.

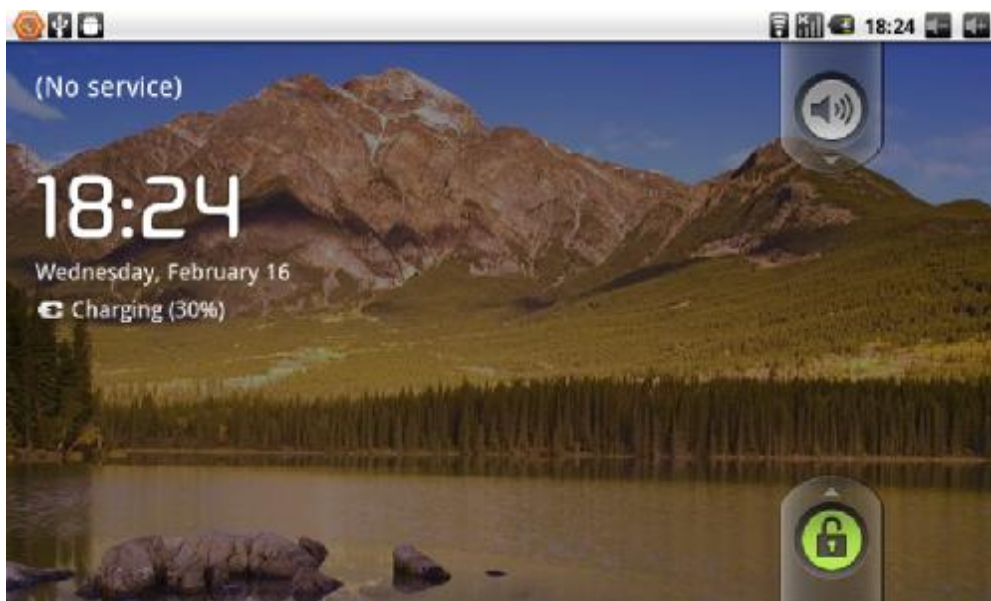


Figure 3-1

### 3.4 The use of touch screen

#### MID operation mode

There are several ways you can browse screen, menu and application, etc on the MID.

#### Click

When you want to use the screen keyboard to input and choose applications etc on the home page, as long as you click a project with finger or touching pen.

#### Press

If you want to open a available options (such as the text box or web link) or move shortcut and main program menu on the homepage as long as you press the items.

#### Fast sliding or sliding

Fast sliding or sliding said in his fingers or touching pen making rapid vertical or horizontal drag action.

#### Drag

Before you start to drag, you must use a finger or touching pen to press and put some pressure on, until touch to the position which you want, finger can loosen.

#### Rotating

For most pictures, you can only turn to MID then screen will translate from lateral direction to straight. Such as in the input text, watch movies, etc.

### 3.5 Page interface

The main menu screen will show all application . You can use the application, shortcut and customize your homepage interface wallpaper, etc.

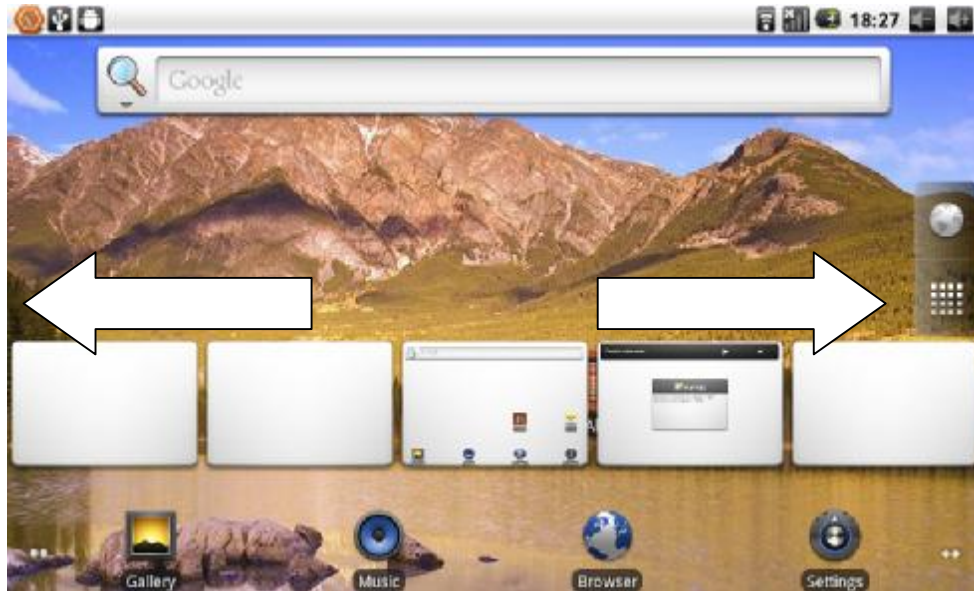


Figure 3-2

Tips: in any applications homepage key can be pressed returns to the home page.

### **The homepage interface may extend**

Homepage interface can be extended to screen width, to provide more space, let you can put new shortcut, small tools etc. Press blankplace of homenpage interface ,then use touching pen to rapidly vertical slide which can skip to extend to the left or right of screen.Homepage have above 2 extended interface.



**Figure 3-3**

Skill: Long press Program Menu button to be able to quickly preview five desktops

## **Customize homepage interface**

### **New homepage project**

- 1 Press on the popup menu in the blank area of the interface of the homepage.
- 2 During the popup menu, select the wanted project to add to a new homepage interface.



**Figure 3-4**

#### **Change desktop wallpaper**

1. In the homepage interface, according the menu button to popup menu, then click the wallpaper.
2. Click the picture or wallpaper to select pictures.

#### **Establish folder**

1. In the homepage interface, according to the menu button and click addition.
2. Click the folder, and new folder.
3. Click new folder of homepage interface to open it.
4. Click and hold the folder list of headlines to rename it.
5. Open the folder, click the application of marking, holding the application to drag folders, then may put in he folder.

### **3.6 Access to the application**

#### **How to access to MID application:**

1. Please click program volume label. As shown in figure 3-5.
2. Choose to visit the application.
3. If you want to quit program interface, press the return key to a page or press homepage key to directly returns home interface.



**Figure 3-5**

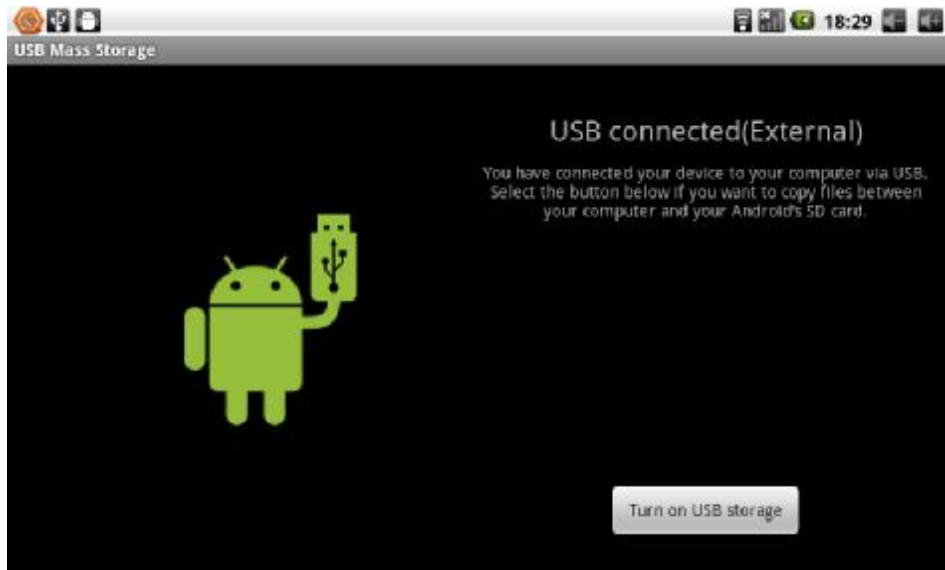
### **3.7 USB connection**

#### **The storage setup of MID.**

Before transporting documents, firstly you must set store mode for your MID.

1. Use USB cable to connect MID with computer. Notice bar will appear notice cue.

2. Press Menu button to pop up Menu option, and click on **Notice**.
3. In the notification panel, click on the **USB connection**, then click Loading **USB Storage Device**.
4. Then the USB connection has been successfully.



**Figure 3-6**

#### **Copy files to memory cards.**

1. Use a USB cable to connect MID with computer.
2. After setting the **store setting**, then connect with computer successfully.
3. Open **My Computer** of your computer, then see "portable disk (x)" content.
4. Find intended copy files to duplicate to the "portable disk (x)".
5. After the completion of the copy, click on "safe deletion hardware" of your computer task bar to unload.

#### **Content of MID Storage Device**

1. NAND FLASH storage device, MID itself has 4G storage space for keeping files.
2. TF movable storage card.
3. The abovementioned two storage devices can access using USB to connect your computer.

**Note:** when you connect the USB cable to MID, if you enable **USB storage device**, you will not access to memory card; if you want to access to memory, as long as disconnect the USB cable.

### **3.8 Storage card**

#### **Copy files to storage card**

You can transfer file between MID and computer such as music and pictures, etc. Want to see the file, provided that you click file browser, then you can browse to the contents of the SD card.

#### **Delete the file on the MID memory card.**

1. Find the file you want to delete.
2. Hold the file which you need to delete, then it will popup the file menu.
3. Click "**delete**"

#### **Remove memory card in the MID opening condition.**

If you need to remove memory card in the MID opening condition, you must firstly unload memory card, lest memory card fault or damaged.

1. In the homepage interface, press the menu button and then click **Settings**.
2. Drag down setting menu, and then click the **SD card and equipment memory**.
3. Click the "**Unload SD card**"

### **3.9 Input text**

#### **Use the screen keyboard**

When you start programs or select text edit box which need to input text or number, it can appear screen keyboard.

Keyboard have optional input way below:

1. Android keyboard
2. The third party input method (The user can install independently)

#### **Select the input method which you want to use.**

According to preinstall,MID will display Android keyboard when you want to input word.

1. On the homepage interface, press menu button and then click "**Settings**".
2. Click the **language and keyboard**.
3. List all installed input method of MID in the text setup area.
4. Tick after the input method which you want.

#### **Use and switch input method**

1. On the text input interface, hold text edit box area until it popups "edit text menu ". Then click the input method.
2. Select the input method which you want to use.





Figure 3-7

Use Android keyboard panel



Figure 3-8

1	Switch input case-sensitive
2	Switch text input mode and coincidence /digital input mode
3	"Click "can insert spaces
4	"Click "can perform "enter"
5	Delete the characters of the left cursor. Click and hold can delete all the characters of the left cursor.



## 3.10 Use skills

### Open recently used applications

In any programming interface you can hold homepage keys, the screen will popup program window, window displays recently used application.



Figure 3-9

### Add small tools on the table

In the homepage interface, hold the blank area, popup menu, click the **plugin**, listing will list attached plugin of applications, such as music, picture frame, clock, search, etc.

### Switch input method

Hold the Chinese edit box of system, popup menu, click the **input method**.

### Quick close the program

Press the back button back to superior interface, or press homepage button back to the homepage interface.

### Restore to factory settings

When your MID has great errors or forget unlocking passwords, etc, you can use Restore to Factory Settings to restore them to the factory delivery state. There are two methods for restoring to factory settings:

#### Methods:

1. At the homepage interface, press Menu key to pop up the Set menu.
2. Click on **Set**.
3. Click on **Privacy**.

4. Click on **Restore to Factory Settings**.
5. Wait for the system to restart.

## 4 Establish connections

### 4.1 WIFI connection

You can connect MID to Wi-Fi network, operation for connection:

1. In the homepage interface, click the menu button, then popup settings menu.
2. Click **settings**.
3. Click **wireless and network**.
4. Click **Wi-Fi**, then start Wi-Fi
5. Click **Wi - Fi Settings**, MID will automatically scan available Wi - Fi wireless networks.
6. Choose the Fi network which you want to connect. If it has add password, it will popup a input password window, then input relevant password.
7. Click on **the link**

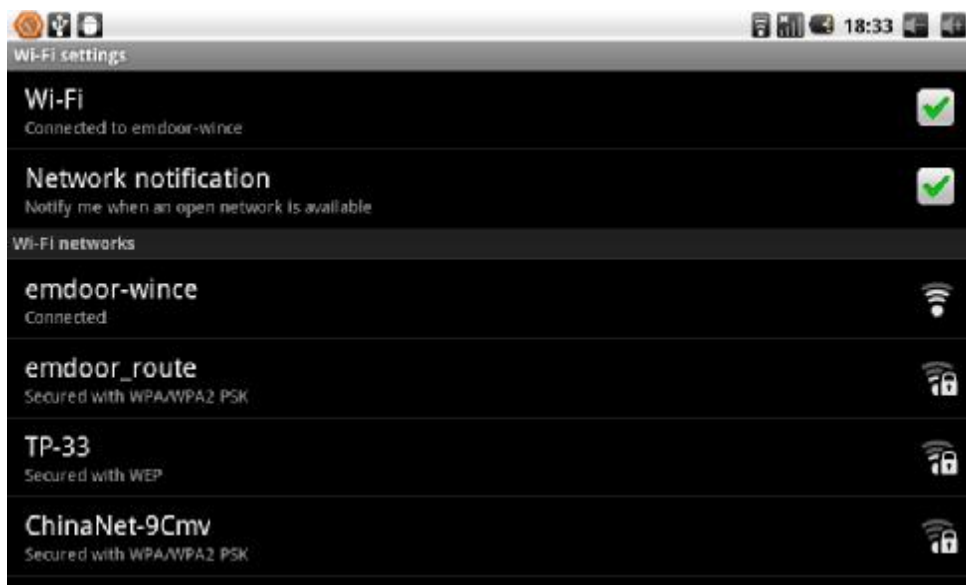


Figure 4-1

## 5 Communication

### 5.1 E-MAIL

#### E-mail Settings

E-mail applications accompany with email settings guide, it can add the common Web email service providers (e.g. Gmail, Yahoo, Hotmail and 163 etc manufacturers) external POP3 or IMAP email account.



Figure5-1

**Note:** before the mail will be setted guide, please ensure that you already link the network.

#### Mailbox setting guide

1. Click the **E-mail** icon, then it will appear mailbox setup guide to help you to set.
2. Click the **next step** button.
3. Enter your email account **address and password**.
4. Click the **next step** button, and select your mailbox type: POP3 or IMAP.
5. Then click **next step** button to check whether email server is available.
6. Input account name and to display the name, then click **completion**.
7. If the mail is available, it will automatically enter your inbox.

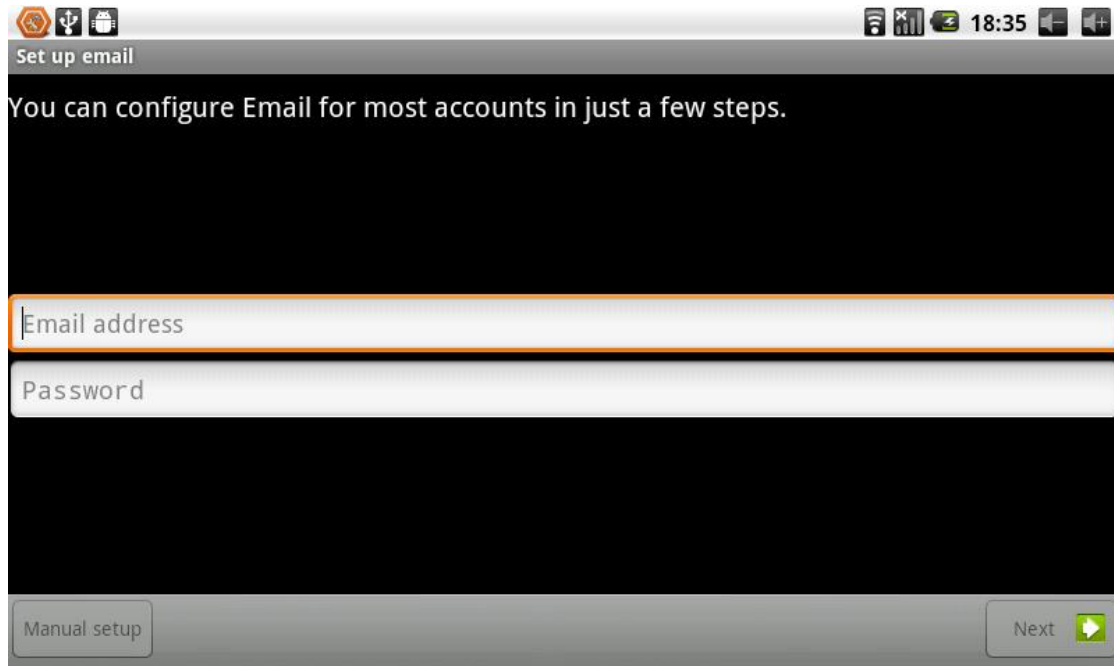


Figure 5-2

### Delete email accounts

You can delete setted POP3 or IMAP email account from your mobile phone

1. Click **E-mail**
2. Enter to your inbox
3. Press menu key
4. Click **account**
5. Hold account which you want to delete.
6. Popup menu listing, and click "**delete account**"
7. Click the " **sure** "can remove it.

### Send E-mail messages

1. Click the **E-mail**, display your inbox.
2. Click the inbox to enter in, automatically refresh email, click to read.
3. Press the menu button, and popup menu.
4. Click "**compose**", enter to write a new mail interface
5. Input your E-mail address of the recipient in the recipient column.
6. Input theme and information content.
7. If you want to add attachments, press the menu button, and then popup menu options.
8. Click "**add attachments**"
9. Select attachments which you want to send (such as video, images, etc.)
10. Click "**send E-mail**" and then sent email out.

**Note:** If you have more than one account, and hope to send an email in one account, click that account title in advance before you click main mune key and write email.

## 6 Multimedia

### 6.1 Support the file format

Your MID can play the following formats.

#### Music file format

- u MP3
- u AAC(AAC, AAC+ and AAC-LC)
- u OGG
- u MIDI
- u WAV

#### Video format

- u AVI(H.264, and DivX, and XviD)
- u RM/RMVB
- u MKV
- u WMV
- u MP4
- u DAT
- u VOB
- u FLV
- u 3GP

### 6.2 Music

Your music is divided into four categories: artist, album, songs and playlist. Choose a classification to check list contents. If you enter a classification, always choose until you have to play songs. For example, if you choose the artist category, you will see A to Z sequence of a list of names of art. If you choose a artist, the list will be presented artist album songs and lists.

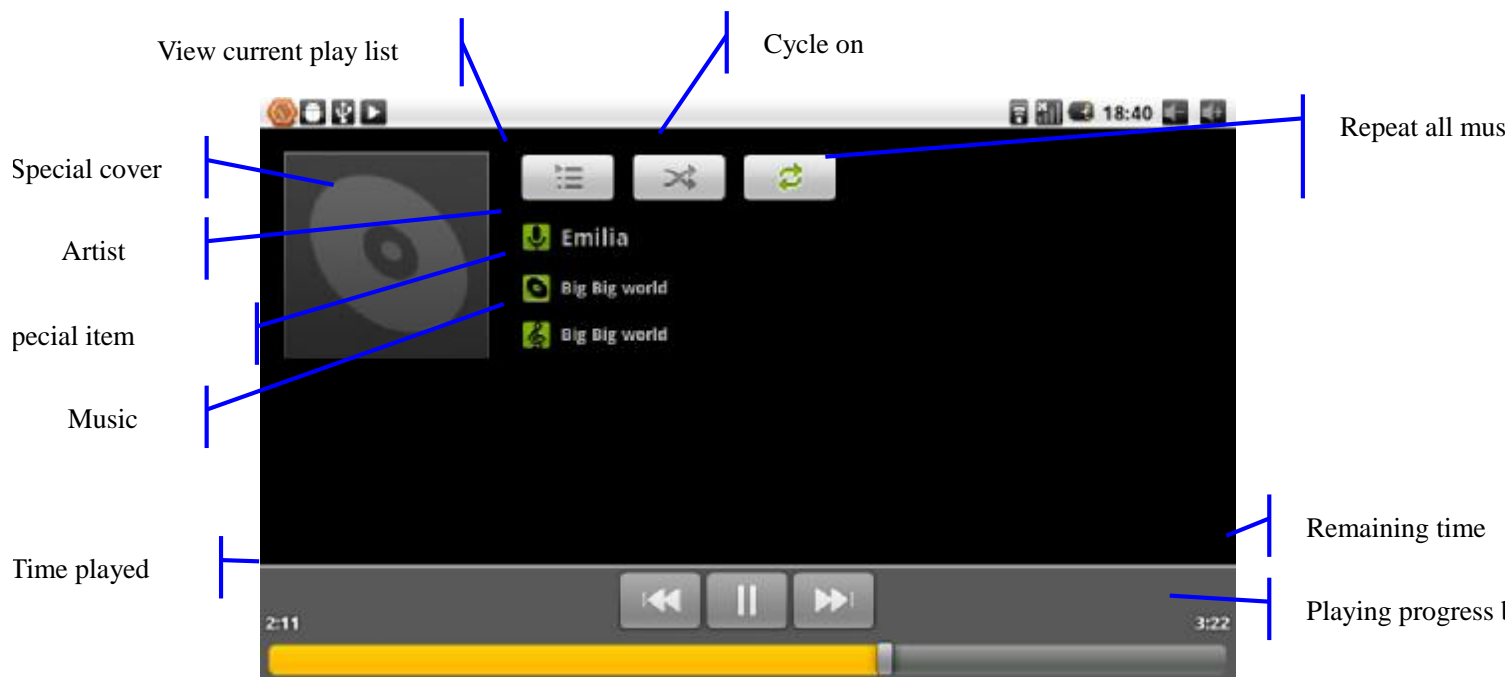


Figure 6-1

#### Visit and broadcast music

1. Click the **music**.
2. Click **songs**, also can click **artist**, **album** or **song list**.
3. Choose one song to play.

#### Add song to the new playlists

1. Click the **music**.
2. Click the **songs**.
3. Hold the song which you want to add to playlists.
4. Popup music setting menu, **click to add music to play lists**.
5. Click the **New**.
6. Input name of playlist.
7. Click to **save**.
8. Click on a song, add this song as bell.

#### Delete the playlist

1. Click the **music**.
2. Click the **songs**.
3. Hold the song which you want to delete to playlists.
4. Popup music setting menu, click "**delete**".

## 6.3 Camera

### Photo taking functions

1. Click on **Camera**.
2. The system enters the Camera interface.
3. Click on Shoot button to be able to have photos taken easily.
4. You can set sizes, storage locations, white balance and focusing adjustment and other functions.
5. After photo taking, there will be preview of thumbnail display.

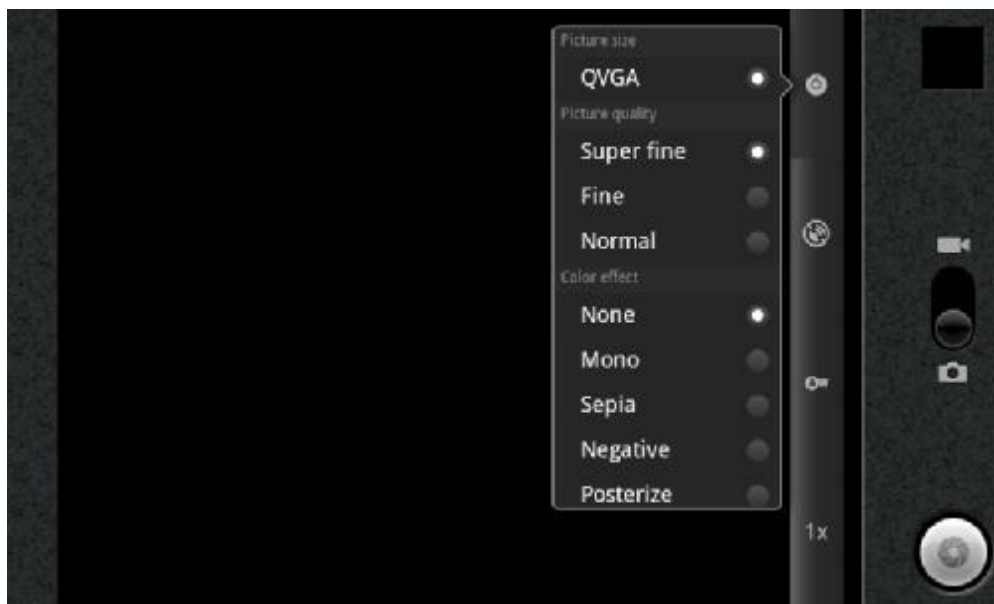


Figure 6-2

### Video recording functions

1. Drag up the switchover button to switch it into the video recording mode.
2. Click on red Video Record button to be able to perform video recording.
3. You can set color effect, white balance and video quality and other functions
4. Click on Video Record button again to end video recording, and you can see previewed videos.



Figure 6-3

## 6.4 HDMI

### HDMI high-definition video interface

Use a standard HDMI cable to connect MID with high definition television. This interface can support the highest quality 720P resolution, and but plug.

- 1 MID is on boot state.
2. Use a standard HDMI cable to connect MID with high definition television .
3. The system interface on the MID can be synchronous with high resolution TV pictures.
4. In the Set menu, click on **Display**.
5. Click on **Output Select** to switch over to the HDMI mode.
6. Click **HDMI Setting** to set HDTV display resolution.

## 6.5 Media Browser

Using the media browser application program, you can automatically search all photos and video files in MID and TF card. Moreover, the media browser will classify such photos and video files by these folders. You can use the media browser program to view and edit photos and take the photos as the desktop and view videos.

### Check pictures

1. Click the folder you want to see to check included pictures.
2. Click pictures you want to see, the system will automatically check in full screen mode.
3. Touch screen, it will appear arrow around the picture, please click the arrow to see superior or next picture.
4. Touch screen, zoom-panel will appear in pictures below; you can magnify and narrow the



pictures.

**Skills:** Image browsing support automatically rotating function. When you spin MID, the picture will automatically adjust direction of rotation.



**Figure 6-2**

#### **Edit and set images**

Press menu button to display option of menu in full screen mode, you can select the option to edit and setting up the picture according to your needs.

#### **I Slide presentation**

Press the menu button to show menu options. Then click **slide presentation**. All the pictures will be to slide folder broadcast to display.

#### **I Sharing**

1. Press the menu button to display menu option, and then click "share".
2. The picture will share with your friends via **E-mail** attachment.

#### **I Rotating**

1. Press the menu button to display menu option, and then click "**rotating**".
2. Click the **left** or **right rotation**.

#### **I Cutting**

1. Press the menu button to display menu option, and then click "cutting"
2. Click on drag related region to adjust cutting device.
3. Click on cutting device to drag out from centre, to adjust cutting size.
4. Adjust the size you want, click save.
5. If you want to abandon cutting, click "give up" back to browse pictures.

#### **Video preview and play**

After the media browser is opened, you can scan all video files in the MID and the TF card,

and can preview playable video files. Click to select one of them to be able to play the video file.

In the video preview interface, press Menu button to be able to appear the function window editing video files as shown in Figure 6-3 below

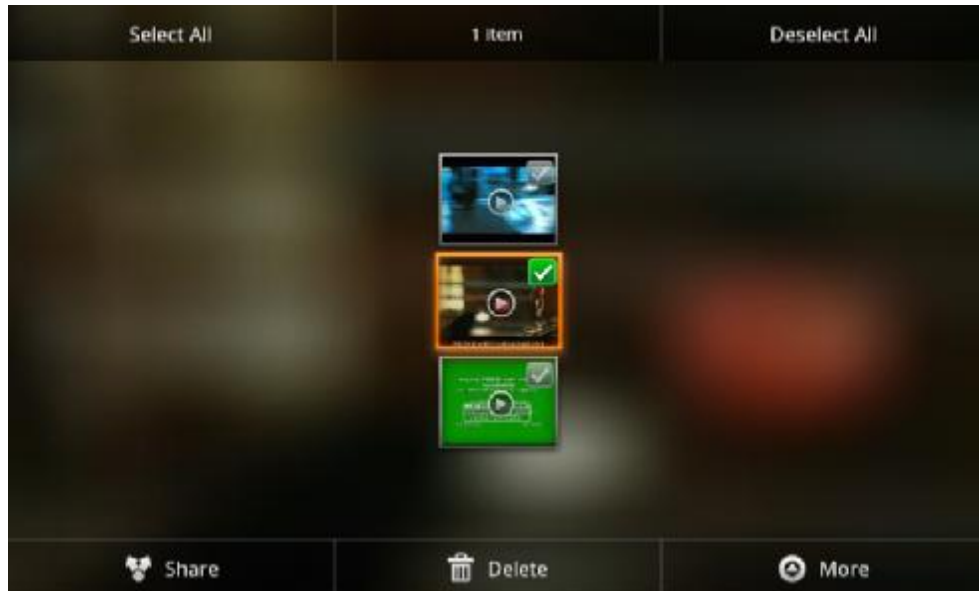


Figure 6-3

## 7 Internet

### 7.1 Browser

#### Enter into homepage

The browser always habitually open the last web users have browsed the web, the homepage will appear when it enters into the browser on boot.

#### Change your Home Page

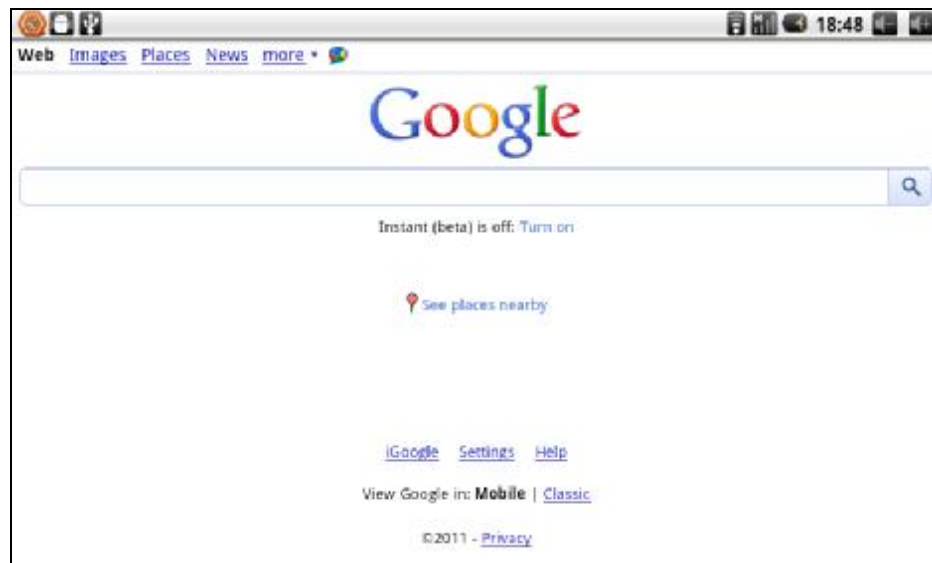
1. Click on the **browser**.
2. Press the main menu, popup settings menu of browser.
3. Click **more**.
4. Click **Settings**.
5. Click **Settings homepage**.
6. Input website, and click "**ensure**".



**Figure 7-1**

### **Visit website**

1. Click on the **browser**.
2. Press the main menu, popup settings menu of browser.
3. Click "**start**", popup the address bar, input url.
4. Click **start** in the soft keyboard.



**Figure 7-2**

### **Browse website**

You can slide finger on screen to browse and check other part of webpage.

### **Enlarge or shrink pages**

After opening webpage when you drag webpage, the browser below will appear enlarge and zoom-out button. You can click "enlarge" or "reduce" to browse webpage.

### **Find the words in webpage**

1. When browsing the web, press menu button, popup menu options.
2. Click more.
3. Click on a page to check.
4. Enter your search projects.
5. When you input characters, words can change from white to green.
6. Click arrow on search column to move last or next one consistent supremacy.

### **Management bookmarks**

#### **I Settings webpage bookmarks**

1. Go to a web page in the browsing interface.
2. Press menu button and click the **bookmarks**, then click **addition bookmarks**.
3. Edit bookmarks and click the **sure**.

#### **I Opening bookmarks**

1. Press the menu button and click the bookmarks in the browser interface.
2. Click the bookmarks which you want to use to open the webpage.

#### **I Editing bookmarks**

1. Press the menu button and click the bookmarks in the browser interface.
2. Click and hold bookmarks to open the menu options.
3. Click the edit bookmarks to edit it, then click sure.

### **Use the browser window**

#### **I Open a new browser window**

1. Open the browser window; click the menu button and a **new window**.
2. Click the new window to open a new browser window.

#### **I Switch browser window**

- 1 In the browser window, press the menu button and click on the **window**.
2. Click window you want to open it.

#### **I Set browser**

- In the browser interface, press the menu button and click **more**, then click **Settings** to set the browser.

## 8 Other applications

### 8.1 Alarm clock

1. Click the clock program.
2. Enter into programming interface such as figure 8-1.
3. There were pictures, music, alarm clock and page buttons.
4. Press the menu button, pop-up alarm setting menu.



Figure 8-1

### 8.2 Calculator

1. Click the **calculator**.
2. Enter into the basic calculator panel.
3. Press the menu button, then click the advanced panel.
4. Touch panel digital or operators on the counter to calculate.

Skills: you can slide to switch basic panel and senior panel.

### 8.3 File Manager

#### Browse the file

Sliding desktop, and find the **file browser**.

You can use the file browser to manage editing and deleting files and folders, and can also

establish sharing and FTP servers to realize resource sharing.

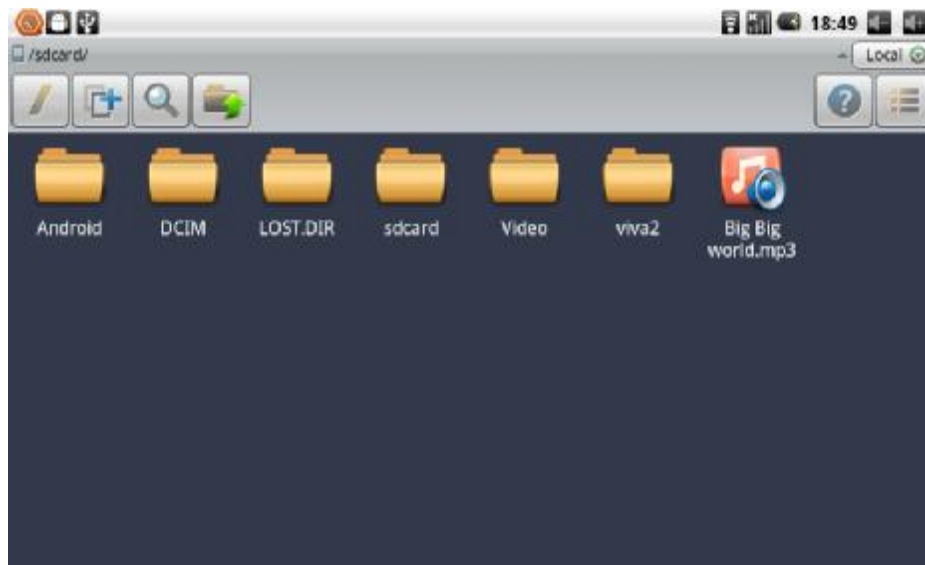


Figure 8-2

#### Cut and copy files

1. On the file browser, press operation documents with finger.
2. Popup operation menu, including **copying**, **cutting**, **deleting**, **rename**, **new**, **setting of content** and **attributes**.
3. Click "**cut**" or "**copy**" to cut and copy folders.
4. Click the folder you want to paste into, press the menu button to popup menu.
5. Click "**operation**", then click "**paste**".

#### Delete the file

1. Use fingers to hold the file you want to delete in the file browser.
2. Click "**delete**".
3. Click "**sure**" to delete files.

#### Establish folder

- 1 On the file browser, press the menu button to popup menu.
2. Click "**new**".
3. Click the **folder**.
4. Popup window, input new folder name in the text box.
5. Click "**sure**" to establish the folder.

#### Quick search

1. On the file browser, press the menu button to popup menu.
2. Click "**new**".
3. Click "**search**".
4. Popup search panel, input your search keywords.

5. Click on "**sure**", notice bar will display search progress bar.
6. After the completion of the search, popup dialogue box to confirm whether need to show results.
7. Click "**sure**" to display search results.

## 9 Basic Setup

### 9.1 Sound and Display

#### Media volume Settings

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click **Sound**.
4. Click on **Volume** to be able to control ring tones, and volume of media and alarm clock.
5. Popup Volume Settings panel, then drag the progress bar to control.

#### Notice Ring Settings

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click **Sound**.
4. Click the **Ring Notice**.
5. Popup ring menu, and select the bell ring you want to notice.

#### Screen button sound

You can set MID to release sound when you use the soft keyboards or tickle screen.

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click **Sound**.
4. There is selection such as **Button Operation Tone**, **Selected Operation Tone** and **Screen Lockup Reminder Tone**.

#### Display Settings

##### I Adjust screen brightness

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click **Display**.
4. Click the brightness.
5. Popup Brightness Settings panel, drag to bright slider adjust bright degree.
6. Click **sure**.

##### I Adjust screen standby time

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click **Display**.
4. Scroll down the screen, then click **screen overtime**.
5. Popup Screen Standby Time Settings, choose standby time you want the standby time.



## 9.2 Safety and Position

### Set to unlock pattern

You can set up their unlock pattern (equivalent to password) to protect your MID privacy.

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click on **safety and position**.
4. Click "**Settings to unlock pattern**".
5. Popup unlock pattern plate, pattern has nine contacts. With vertical and horizontal, or diagonal directions to connect four points at least. Fingers left screen after completing. The system will record your setting pattern.
6. Click "**Continue**".
7. See hints, draw a screen unlock pattern, and click **sure**.

**Skills:** If you don't want unlocked pattern to display on the screen in unlock, please remove using visible pattern checkbox.

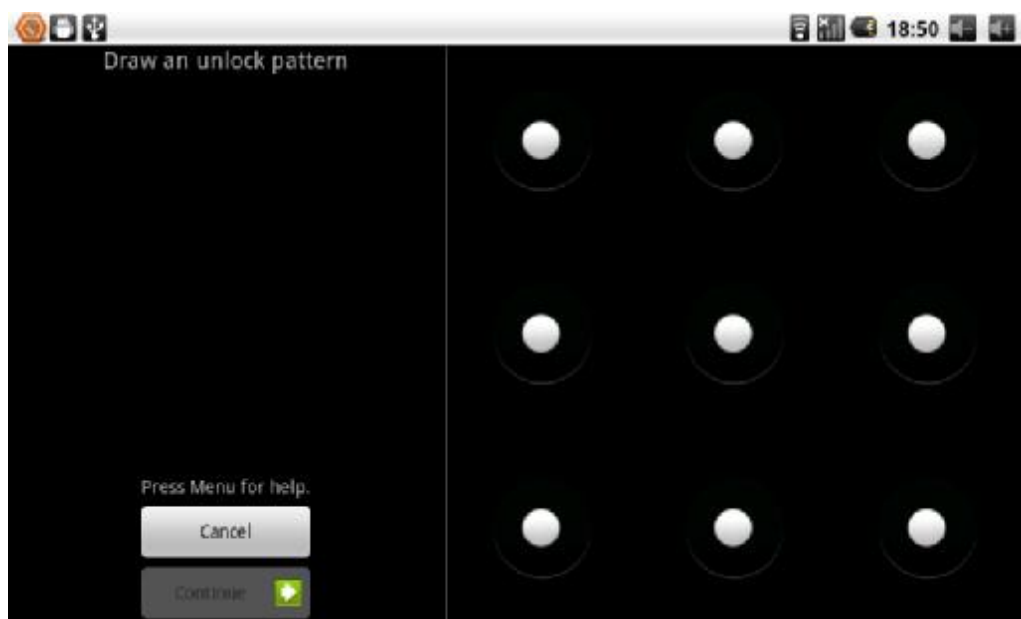


Figure 9-1

## 9.3 SD Card and storage

### Check SD card and device memory settings.

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click the **SD card and device memory settings**.

4. Check the space available of SD card.
5. Check NAND FLASH inner storage space.

#### **Safely remove SD card**

Secure removal of the SD card can effectively protect the SD card and increase the service life of the SD card.

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click the **SD card and memory of equipment**.
4. Click the **uninstall SD card**.
5. Popup SD card.

## **9.4 Date and time**

According to preset, the system will automatically use date, time zone and time provided by network.

[Note: If you automatically use time provided by the internet, you cannot manually adjust the date, time and time zone.](#)

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Scroll down the screen, then click the **date and time setting**.
4. Remove **automatically** checkbox.
5. Click the **choice time zone**, then select time zone of the list. Scroll down the list to see more time zone.
6. Click **date-setting**, then click upward or downward button to adjust the date and year, month, click **Settings** when completed.
7. Click **time-setting**. Then click upward or downward button to adjust the hour and minute, click AM or PM to change morning or afternoon .then click **Settings** when completed.
8. Select checkboxes which is **using 24 hours format** to switch system between 12-hour and 24-hour .The selected format will also applied to the time format of the clock.
9. Click to **select date format**, and then choose to display the date format on the MID.

## **9.5 Set the language**

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click on **language and keyboard**.
4. Click to **select language area**, then choose words of your need. Scroll down the list to see more of the language.

## 9.6 About the equipment

### Check MID status

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click **on the equipment**.
4. Click **the state**. You can see the **battery state, the network state, network types and accumulative used time** etc.

### Check system version

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click **on the equipment**.
4. Can check **MID model, firmware version, internal version** etc.

# 10 The installation and Control of Program

## 10.1 Installation

### Install the third-party applications

You can get the third party on the Internet for Android system, and install in MID automatically. Copy applications into SD card, then insert into MID.

1. Click on File Manager, and search necessary installed application program in the SD card.
2. Hold the application you needed to install.
3. Popup install option, click install.
4. according to the installation guide to complete, and then operate.

**Note:** Search files with the apk suffix for these third party programs which based on system in the Internet

## 10.2 Managing and Unloading

### Uninstall applications

1. On the homepage interface, press the menu button to popup setting menu.
2. Click **Settings**.
3. Click "**application**".
4. Click "**management applications**", list all installed application list in the system.
5. Click "**unloading**".
6. Click "**sure**" to finish unloading.

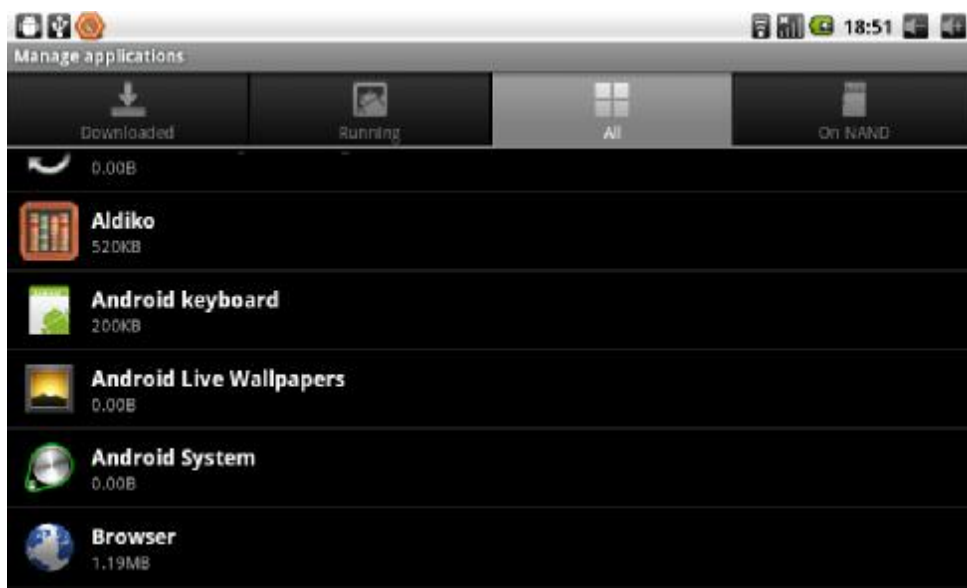


Figure 10 -1

Skills: program manager that systems installed can realize unloading easily. Open the program manager and click the uninstall option .it will list application list which system has been installed.

## 10.3 Update way

Update Android system application

- | Download the latest applications through our designated website.
- | Download through Android system related software BBS in the internet.
- | Update by the Emdoor Shop preinstalled in the MID.

## 11 Troubleshooting

### 1. MID first start is slow

After MID system upgrades, install preloaded application software takes about 2-3 minutes while first start. Then will be faster.

### 2. Can not connect with WIFI

- | Be sure the wireless router is work
- | Be sure there is some distance between MID and wireless router, and no wall or other obstacles
- | Be sure user name and password are correct

### 3. Feels a bit hot

It is normal when many programs are in use, or the screen is in most brightness, or in charge.

### 4. The system in abnormal

Installing the 3th party program will maybe result in failure operation, press RESET (nearby power connector) to reset the system.

### 5. Unable setting Email or login program

- | Be sure the network is normal, can connect with Internet
- | Be sure Email setting is appropriate
- | Be sure system time is the same as the local

# Annex 1

## Specifications

### EM72 product parameters

Type	Content	Description
<b>Basic parameters</b>	MID model	EM73
	CPU model	Telechips 8803
	CPU frequency	1.2G MHZ
	DDR-RAM	512MB DDR3
	NAND FLASH	4 GB
	Operation system	Google Android 2.2
	Network insertion	WiFi Out-built 3G USB dongle
	USB interface	Mini USB*1 OTG
	HDMI interface	1080P high resolution video output
	Camera	2m pixel (EM73 enhancing camera functions)
	Standard batteries	Lithium battery, 3400mA/3.7V
	Power adaptor	Input voltage at AC 100V-240V, and output voltage at DC 5V, and current at 3A
	SD card	Supporting 32G maximum
<b>Product visual appearance</b>	Visual pattern	Pad
	Body color	Black
	Master screen	7.0-inch TFT liquid crystal touch (resistance and capacitance) liquid crystal screen at the resolution of 800x480
	Product size	192mm x 121mm x 11mm
	Product weight	285g
<b>Application programs</b>	Video playing	Supporting AVI, RMVB, MKV, FLV and other formats, and supporting 1080P high resolution playing
	Music playing	Built-in music player supporting playback in the MP3, MIDI, WAV and other formats
	Games	Supporting a third party program
	Input method	Android input method
	Picture browsing	Supporting picture browsing in the formats of JPG, TIF, BMP, PNG and GIF, etc
	OFFICE software	Supporting office (word, excel reading and editing), and supporting PDF browsing

**FCC ID: ZOEDPAD**

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.

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

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment has been SAR-evaluated for use in hand. SAR measurements are based on a 0mm spacing from the body and that compliance is achieved at that distance.

SAR Value: 0.495W/Kg.