# tablet pc

Brand Name: Titan

Model Name: PC7080ME FCC ID: BRCPC7080ME

### TITAN TABLET PC7080ME USER MANUAL

1 Preface	3
2. Safety Notices	3
3.6 Function Icons	8
3.7 Switch on/off	8
3.8 Power Saving Mode and Locked Mode:	9
3.9 Operation of touch panel	9
3.10 Main Interface	10
3.11 Apps	12
3.12 USB Connect	13
3.13 Input Text	14
3.14 Use Skills	14
Widget interface	14
4 General Setup	15
4.1 SIM Card management, WIFI & Network	15
4.2 Bluetooth (Optional)	17
4.3 Data Usage	19
4.4 More	20
4.5 Audio Profiles	25
4.6 Display	27
4.7 Storage	30
4.8 Battery	32
4.9 Apps	32
4.10 Account	33
4.11 Location access	35
4.12 Security	37
4.13 Language & input	39
4.14 Backup and reset	41
4.15 Date and Time	41
4.16 Scheduled power on off	42
4.17 Accessibility	42
4.18 Developer options	43
4.19 About MID	44
5. Multimedia	44
5.1 Music Player	44
5.2 Video	45
5.4 Camera	47
5.5 FM Radio (Optional functions)	47
6 Communication function	48
6.1 Phone	48
6.2 SMS	49
6.3 Contacts	49
7. Movil Teacher (Optional)	50
7.1 Device setting	50
7.2 USER'S INTERFACE	53
7.3NAVEGACION	53
8 Internet	57
8.1 Browser	57
8.2 E-mail	58
9 GPS function (optional feature)	59
10 Other Applications 10.1 Clock	61 61
10.2 Calculator	61 62
10.3 Explorer 10.4 Recorder	62 64
11 Application Installation	64 66
11.1 Installation	66
11.2 Uninstall	66
	00

### 1 Preface

Dear Customers,

Thanks very much for purchasing our product!

This Tablet PC is a built-in high performance Wi-Fi receiver module, supporting an external 3G USB-DONGLE wireless network card, using broadband wireless networks, breaking through the restraint of network cables; it will bring you into the portable media player world and fulfill your entertainment needs. It also supports picture browsing, e-book reading, games, online chat and other functions; various settings will fully show your individuality.

To operate this player easily, first, please read this User Manual included with the player. Then you will have a better understanding of the operations. Before operating this player, please carefully read all data we provide about the player, so that you will have a better understanding of the product and its operations.

The Company will not be responsible for any loss of personal data and damage caused by incorrect operation of the 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 all times.

Also, 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.

Due to constant product development, the information in this manual is subject to change without any prior notice.

This manual is protected by copyright and no part is permitted to be copied or reproduced in any way without prior written permission 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 to provide you completely reliable information. However, there is inevitably some error and oversight, please understand, and we welcome your suggestions. If any problem occurs during your use of this product, please immediately contact your local seller)

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

### 2. Safety Notices

1) Please keep the Tablet PC away from strong magnetic fields in order to avoid damage to the product.

2) Please do not let the Tablet PC fall onto, rub against or knock against hard objects during use, because this may cause surface scratches on the Tablet PC, battery damage, data loss or other damage to the hardware.

3) Never let this product be exposed to a humid environment or rain as the water leaking into the Tablet PC could disable it to the extent of being beyond repair.

4) Never clean the Tablet PC with any chemicals or detergent, these will damage the product surface and corrode the finish.

5) You are recommended not to use the headset with the volume at its highest settings, please

adjust the volume to an appropriate safe level and limit the amount of time you spend using headphones to avoid possible damage to your hearing. Excessive volume will cause permanent hearing damage.

6) Please do not cut off the power abruptly during software updates or downloading, because this may cause data loss or system errors.

7) Over-voltage, power cable strain and bending or squeezing of the power cable by heavy objects must be avoided to prevent the possibility of overheating or fire.

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

9) Some movies, music and pictures 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 Tablet PC on in locations where wireless equipment is forbidden or when the usage of the Tablet PC will cause interference and possible danger.

11) All the wireless equipment is subject to external interference and this can affect its performance.

12) Please comply with any related restrictions and rules, wireless equipment can influence the flight of the plane; please consult the relevant airline company if you intend to use the Tablet PC on a plane.

13) Please don't use the Tablet PC in a petrol station, or near to fuel or chemicals.

14) Please comply with any related restrictions and rules; do not use the Tablet PC where blasting operations are in progress.

15) Only qualified maintenance personnel can install or repair the Tablet PC. Opening the Tablet PC in any way will invalidate the warranty.

16) Please use the original accessories and battery provided with the Tablet PC, do not use the incompatible products.

17) The Tablet PC is not waterproof, please keep it dry.

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

19) When the Tablet PC is connecting with other devices, please read the user manual for detailed safety instructions. Don't connect the Tablet PC to incompatible products.

20) Please upgrade device with enclosed optical disk when the device is set to operate in a different way.

Note: Android4.0 system using the MTP protocol transfer files, rather than the original MSC agreement (ordinary U disk), currently supports the MTP protocol only (10) in Windows Media Player and Media Player, Windows Media Player 11) and older version. If there are no updates to the above two versions of the Player, the computer will not recognize MID or existing file cannot be copied down, etc., please correct in the computer, which is connected with the MID above installed version of the Player, can be installed to the computer, do not need to run for connection to the mids.

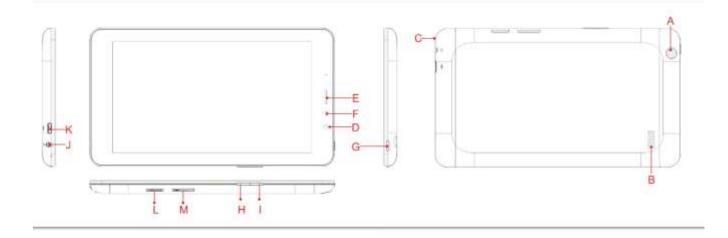
### 3. Ready to Use

#### 3.1 Packing list

Components	Quantity
MID Device	1
Power Adaptor	1
CD-ROM	1
USB Cable	1
HOST cable(optional)	1
Earphone(Optional)	1
User Manual (Optional)	1
Warranty Card (Optional)	1

HD Cable (Optional)	1
3G USB Dongle(Optional)	1
RJ45 USB Dongle (Optional)	1
Leather Case (Optional)	1
Keyboard/Mouse (Optional)	1
tf (Micro sd) Card (Optional)	1

### 3.2 Product Appearance



## 3.3 Instructions on Keys

Symbol	Name	Description	
А	Rear Camera	Static and dynamic camera	
В	Speaker	For music or movie	
С	Microphones hole	Recording microphone	
D	Front Camera	Static and dynamic camera	
E	receiver	Telephone receiver	
F	Induction hole	The light induced hole, in a variety of applications such as call close to close the screen	
G	POWER	Short press this button to enter sleeping/wake up mode, press long to switch ON/OFF	
н	Volume -	Decrease volume	
I	Volume+	Increase volume	
J	Stereo Earphone Jack	Stereo Earphone Jack	
К	MIC USB port	MIC_5PIN USB Port	

L	TF card Slot	TF (Micro SD) Card Slot
N	SIM Card slot	SIM Card slot

#### Note:

1. The machine does not have "RESET" button, when the machine crashed, long press the "POWER" key around 10 s, can be forced to turn it off.Machines turned off if you don't loosen "reset" button again to boot.

2. At the same time, press the "POWER" + "V -" button can realize screen function.

### 3.4 Features Overview

♦ GPU:MT8312, Dual-core ARM® Cortex-A7 MPCore ™at 1.3GHz processor Mali400-MP2
 44.3M tri/sec and 832M pixel/sec @ 416MHz;support ANDROIED4.2 OS and FLASH Play11.1

- $\diamond$  support DDR3 1GB;
- ♦ support 16G FLASH, external TF card 1G~32GB storage;
- ♦ support 1024\*600 HD 7" capacitive screen

♦ Video playback: mp4,3gp,AVI, MKV, MOV etc video formats;

 $\diamond~$  support JPG, PNG, BMP, GIF Format, such as image browsing, maximum support 8000 \* 8000 resolution

- ♦ support MP3, WAV video Forma.
- ♦ Support Adobe® PDF, TXT、LRC、Html、Htm、EPUB etc formats

♦ support built-in microphone recording function, can realize and voice recording function.

- ♦ support USB HOST (through the Mini USB adapter)
- ♦ Built-in font 30W and rear 200W two camera,
- ♦ Support G-Sensor Screen direction function
- Support FM function(optional);
- ♦ Support GPS function (optional)
- ♦ support stereo headphones and speakers sound output voice
- ♦ support language: many languages
- ♦ USB mobile disk, WIN\_2000 drive system from above

<u>ie reennear opeenne</u>				
Display	size	7inch TN		
	resolution	1024*600 (optional)		
Interface	USB port, US HOST)	, USB OTG 2.0/USB Host2.0 (MIC 5PIN shift 4PIN		
Interface	MINI USB			
CPU	MT8312, Dual-core ARM® Cortex-A7 MPCore™at 1.3G			
Built-in Flash	Flash Memory: 16GB			
Built-in RAM	ROM: DDRIII 1GB			
Capacity Expansion	Support TF Card 1GB~32GB			
Power Supply	Built-in 3.7V@ 5V/1.5A Ada	2800mAH Lithium rechargeable battery; output: ptor		

#### 3.5 Technical Specifications

Music Function	Play format	MP1、MP2、MP3、WMA、WAV、OGG、
Music Function		OGA、APE、FLAC、AAC、M4A、3GPP
	Headset max.	(L) 5mW+ (R) 5mW (320hm)
	output	
	MP3 Bit rate	8Kbps ~ 392 Kbps
	WMA, WMV, Bit rate	5Kbps ~ 192 Kbps
	Frequency response	20Hz ~ 20KHz
	SN ratio	90dB
	Distortion	<0.05%
Video Function	Play format	MPEG-1, MPEG-2,MPEG-4, H.263, H.264, AVS, VC-1, RV,etc.
	Max Resolution	1920*1080
Photo Browse	Support JPG, PNG, E	BMP, GIF,
	Format	TXT、LRC、PDF、Html、Htm、EPUB etc
E-book	Max. capacity	5M
	frequency	1.57542GHZ
	positional accuracy	3m,2D cep
	Receive the	16 ways
	satellite channel	
	number	
	Re-turn on time	cold boot: <35s(OPEN SKY)
0.50		Ware boot: 32s
GPS		Hot boot: <2s(OPEN SKY)
	Max rate	515m/s
	location data	1HZ
	update rate	
	Maximum height	18,000m
	positioning	
	antenna	Built-in GPS antenna
	Transmission rate	Max54Mbps
	Transmission range	Max100m
WIFI	Frequency	2.412-2.480GHZ
	WI-FI agreement	802.11 b/g/n
	format	WCDMA/GSM
Built-in 3G/2G function	network protocol	WCDMA 8501900/2100MHZ
	and frequency	GSM 850/900/1800/1900MHZ
	Transmission range	HSDPA 7.2Mbps/HSUPA 5.76Mbps
record	Support format	Support WAV record
FM	Frequency	88MHZ-108MHZ
Working temperature	-10 ~ 50 ℃	
Supported OS	Min09/2000/2002/VE	P/Vista/Win7、Mac9.1 and Linux2.4

#### **3.6 Function Icons**



**Icons Description:** 

Icon	Description	lcon	Description
	Back to main menu	+	downloading
-	Power status	Q	Web search
	Return	Ţ	Language search
	Recently viewed	***	Functions menu
Ŷ	WIFI Status (blue indicates Wi-Fi connected)	A	Network status (blue indicates 2G/3G network connected)
$\sim$	New e-mail	÷	New message
*	Bluetooth signal	¥	Flight mode
\$	Under USB connection	ð	Under USB debugging

#### 3.7 Switch on/off

#### Switch on and unlocked:

When the devices is in powered OFF mode, press and hold the Power key for 3 seconds to enter the Android startup process. The device will take about 100 seconds to enter the system desktop, with the display in locked mode, please press and move the

circle, the display will unlock automatically, see the image below:

#### Switch off:

1. When the device is in use, press and hold the POWER key for 3 seconds, the screen will display the power off interface, choose the power off option to confirm your selection and the system will shut down automatically.

2. Note: When the device is running low on battery power, it will sound an alarm and then shut down automatically if it isn't plugged into a power source to start charging. If the device cannot start up please check if the battery power is too low by charging the device

### 3.8 Power Saving Mode and Locked Mode:

#### Display turn off automatically when the device is under no usage status

(1) Starting power saving mode, display will turn off automatically when device not in using.

(2)Short press the "POWER" key when the device is in use will make the system enter SLEEP power save and locked mode.

#### Turn on the screen under inactive state

Under the power saving mode, the display is just turned off and showing a black screen. This means that music play, movies play etc. will still continue to run.

Short press the power key, the system will return to locked mode, unlock by pressing and moving the icon as show.



### 3.9 Operation of touch panel

#### How to operate?

You can browse over the user interface, main menu or applications by kinds of ways: **Click:** 

Just touch and click, when you're going to input or choose applications on the main interface. **Press on:** 

Press on the icons or shortcut icons to open program you'd like, like textbox & linkage.

Slide

To move quickly on screen vertically or horizontally with your finger

#### Drug

Press on with certain pressure before drugging, and then keep pressing until the icon be drugged to the target place.

#### Rotate

To most interfaces, for example, the input text and music interface, the direction can be changed easily just by swaying the device

#### 3.10 Main Interface

Main interface as below, press blank place for seconds, you can use the interface of applications, shortcut icons or user-defined page as wallpaper.



#### Extend out of main interface

Main interface can extend beyond of interface to provide more space for new-added shortcuts or gadgets. Pressing the blank place of interface, slide to left or to right quickly to extend to left or right of outsider interface of screen and there are two extensible interfaces available, see below:



#### Shortcut Icons Build a folder on desktop

- (1) Drug and overlie icons into one, see below:
- (2) click the overlying icon, you'll find all icons drugged inside it. See below:

Click the unnamed folder at lower edge of black pane, hidden keyboard shows up, and then you can rename the folder. You can also change the place of icons inside by long pressing the icons.





#### Delete icons on desktop

- Long pressing the icon to delete, , a icon  $\times$  Remove will show up.
- Drug the icon to right place above Remove until the drugged icon is in red.,

#### Change desktop wallpaper

- Long pressing the blank place of main interdace, a window pops up.
- Click gallary or system defauldt wallpaper and choose the pic you want.

Voice search

- Touch the icon 🛄.
- Operate accordingly the goggle options.
- Set up your target languagea according to the prompting of pop-up window, and confirm.

Speak out towards to the mic. what you need, and result list will show up.

Note: Please make sure your network is connected before search.

### 3.11 Apps

Click **Click** on the top right corner of the screen, see below:, then choose your target app after entering into the main interface, see below:

APPS	WIDGETS						1	Ô
			- 54		$\bigcirc$		•••	
	Browner	Calculator	Calendar	Carriera	Elock	Deversionatio	Email	
	- 24	1			S	8		
	File Manager	Flach Player Sett	FM Rado	Gailory	Grai	Google	GPS Test	
	Local	Magn	Messaging	Move Studie	Movil Tracher"	Mais	Navigation	
			(			-0		
	cont	People	Ptore	Play Store	Search	Settings	Sound Recorder	
					Ū			

#### 3.12 USB Connect

#### Storage setup

Set up the storage mode before transfer files. Connect MID and computer with USB cable.

- Open the notice interface, (refer to chapter 2.3- Condition and Status of MID).
- Clicking USB Connected, open the icon of USB Storage, see pic.3.7.
- USB connected successfully

12 e #				M 10:15 xiv
🧀 USB mass storage				
	7047		USB connected puter via LSB. Truch the button our computer and your Android	below if you want to i SD nard.
÷	Û	Ē	242	

#### Copy file into SD

- 1. Use USB cable connect MID with computer.
- 2. According to the MID storage Settings, after successfully connected to the computer.
- 3. Open your computer in my computer, see the "removable disk (x)" in the content.
- 4. Find want to copy the file, copied to the removable disk (x).
- 5. Copy is completed, click on the "closed USB storage devices" uninstall it.

Note: when your MID connected on the USB cable, if you open the USB storage devices, you will not be able to access memory through the MID, if you want to visit in the MID memory card, as long as the disconnect USB connection.

### 3.13 Input Text

#### Screen Keyboard

When you need to input or edite , android keyboard will show up.

#### **Choose input method**

- Open application setup.
- Click Language and input
- All input installed will list on text setup.
- Choose your target input.

#### Input Method use and switch

	19.4	'∭ ■ 10.15×	e.
	Gaogle	× +	
	$\leftrightarrow \rightarrow c$	S http://www.google.com.bk/m	
		Google	1
	P	wertyui op 🕬	5
	а	sdfghjkl 😡	
1	\$	zxcvbnm, .	
	7123		4
			_
	1	Capital and small letter	
	2	Digtal input	
	3	Insert whitespace	
	4	Execute	
	5	Delect character on the left of cursor and long press to delect all.	

#### 3.14 Use Skills

#### Widget interface

Click "widget" or slide on the screen to left to enter into widger interface. Long press the widget to creat a shortcut, and you can enter related app quickly just through the shortcut icon on desktop.

#### Creat a shortcut icon on desktop

After enter into program interface or widget interface, longpress any icons, a shortcut icon will be created on the desktop, or press on and drug the icon to desktop.

Note: widget shortcut will not be created if there is no enough space left for

### 4 General Setup 4.1 SIM Card management, WIFI & Network

### SIM Card management

Through SIM management, SIM setup can achieve, for example, turn on/off SIM or turn on/ off data connection.

WRELESS & NETWOR	KS	SIM INFORMATION	
🔕 SIM manage	ment	"中国联通	
🕈 Wi-Fi	0	DEFAULT SETTINGS	
Bluetooth	0	Data connection	
🕚 Data usage		GENERAL SETTINGS	
More		Roaming	
DEVICE			
Audio profiles	1		
O Display			
ScreenshotSe	ation		

#### **Connect WIFI**

- Choose setup application on main interface.
- Turn on **WLAN**, MID will scan automatically available wifi network. Choose target wifi network, inputting password if requested, click "connect"

		10.23 4
Settings		<b>()</b> + 1
WIRELESS & NETWORKS	Net	1
III management	Secured with WPA2 (WPS available)	*
🕈 Wi-Fi	MID Secured with WPA2	₩.
Bluetooth O	YanHuo Secured with WFW2	<b>a</b>
O Data usage	ShengChan3	Ŷ
More	ChinaNet-5bzc Secured with WPA2 (WPS available)	-
🕀 Audio profiles	ChinaNet-5vGK	1
O Display	Secored with WPA/WPA2 (WPS available)	
ScreenshotSetting	QC1 Secured with WPA/WPA2 (WPS available)	7
÷		
	WIRLESS & NETWORKS         SIM management         WI-FI         Bluetooth         Data usage         More         DEVICE         Audio profiles         Display         ScreenshotSetting	MRELESS & NETWORKS     Net       SIM management     Secured with WPA2 (WPS available)       WI-FI     Secured with WPA2       Bluetooth     MID       Data usage     Secured with WPA2       More     ShengChan3       bevice     ChinaNet-Sb2c       Audio profiles     ChinaNet-Sb2c       Display     OCI       ScreenshotSetting     Col

• Click icon top right at screen,

				<b>10.45</b> AM
				69 + i
				₩.
🐻 SIM managemer				
		Vani	Huo	
Bluetooth	Add netwo	гк		
() Data usage	Network SSID			
	Security	None	set.	
	Ca	ncel		
Audio profiles		002		
O Display				
ScreensbotSettin				
	÷		- 38	

- Input network SSID, name of target network, and click "save".
- Click user name saved and click "connect".

		💷 📶 🖬 10:45 am
Settings		Ø + i
WIRELESS & NETWORKS	Net	÷.
SIM management	Connected	
🔻 Wi-Fi	MID Secured with WPA2	÷.
8 Bluetooth	YanHuo Secured with WPA2	-
🕚 Data usage	ShengChan3	
More	WPS available	Ŷ
DEVICE	ChinaNet-5bzc Secured with WPA/WPA2 (WPS available)	<b>1</b>
Audio profiles	ChinaNet-5vGK	-
O Display	Secured with WPA/WPA2 (WPS available)	•
G ScreenshotSetting	QC2 Secured with WPA (WPS available)	1
* <u></u> /		

#### WIFI Status.

Under WIFI Status turned on, user can see the notice at bottom right corner when WLAM network available.

#### Connect WLAN during sleep mode.

- Click icon top right at screen, and choose high class mode.
- Click "keep Wi-Fi on during sleep" and choose accordingly the option prefer to.

🐻 SIM manageme				
	Keep Wi-Fi on	during sleep		
	Always			
🕒 Data usage	Only when plugg	ed in		
	Never (increases	data usage)		
		Cancel		
Audio profiles				
ap reason provinca		iPv4 addr		
O Display				
ScreenshotSett	na			

#### 4.2 Bluetooth

- . Choose *settings* application on main interface.
- Turn on Bluetooth as shown below.

• The device will find the nearby device automatically when you click "search for

#### devices".

🗣 Wi-Fi	ANDROID BT Not visible to other Bluetooth devices	
8 Bluetooth	AVAILABLE DEVICES	o
🕚 Data usage	📞 FDT E999	
More DEVICE		
Audio profiles		
O Display		
ScreenshotSetting		
E Storage		
Battery		

• Click the target device name, input the password and choose "pair" for sure after "Bluetooth pairing request" window pop up.

• Click icon , entering into the interface, and then you can operate accordingly. Target device name can renamed if need.

♥ Wi-Fi	Rename FDT E999		
Bluetooth	Unpair		
O Data usage	PROFILES		
More		ernet access	
DEVICE	- Us	o for Internet access	
🕀 Audio profiles			
O Display			
ScreenshotSetting			
E Storage			
Battery			

#### 4.2.1 Bluetooth setup Rename

Click icon, choose "rename tablet" and change to the name as what you want.

WIRELESS & NETWORKS	🐛 ANDROID BT	Rename tablet
SIM management	Only visible to paired devices PAIRED DEVICES	Visibility timeout
🕈 Wi-Fi 📃	5 FDT E999	Show received file
8 Bluetooth	C INICAM	
O Data usage		
More		
DEVICE		
Audio profiles		
<ul> <li>Audio profiles</li> <li>Display</li> </ul>		

#### Visibility Timeout

click "visibility timeout" and choose time options accordingly. (Note: visibility timeout refers to the time setup of device be visible.

		ANDBOID B		
SIM management	Visibility timeout		CONTRACTOR DESCRIPTION	
🐨 Wi-Fi	visionity uneou			
	2 minutes			
C Data usage	5 minutes			
More	1 hour			
	Never time out			
Audio profiles		Cancel		
O Display				

#### Visibility Timeout

click "visibility timeout" and choose time options accordingly. (Note: visibility timeout refers to the time setup of device be visible.

E .				0 🖘	1:53 РМ
Bluetooth					1
DOWNLO	AD			UPLOAD	
	÷	Ω	5	53	

#### Show received files

1.Open a file transfer service, allowing support bluetooth FTP client connect bluetooth devices, to achieve access to the server file and operations.

#### 2. Bluetooth distance sensor

Turn on bluetooth distance sensor, when two bluetooth devices relatively far distance, or broken links, a bluetooth device will make prompt sound

#### 4.3 Data Usage

SIM Card data usage,

WIRELESS & NETWORKS	OVERVIEW	<b><b>PIII</b>K<b>M</b></b>
SIM management		
🕈 Wi-Fi 🛛 🔘	Mobile data	
Bluetooth O	Set mobile data limit	
O Data usage	Data usage cycle Feb 3 - Mar 2	
More	2.0	
DEVICE		
Audio profiles		
Display		

### WIFI data usage

	Settings				I
	WIRELESS & NETWORKS		OVERVIEW	Data roaming	ti i
	🐻 SIM manageme	ent	Mobile data	Restrict background data	
	🗢 Wi-Fi	0	Set mobile data limit	Auto-sync data	
<ul> <li>Bluetooth</li> <li>Data usag</li> <li>More</li> </ul>	Bluetooth	0	Data usage cycle. Feb 3 – Mar 2	Show Wi-Fi usage	
	🔇 Data usage			Mobile hotspots	
	More		2.0 m		
	DEVICE				
	Audio profiles				
	Display				
t	ScreenshotSett	ing	Feb 5 ~ 12: about 3.72MB used, as measu usage accounting may differ.	red by your tablet. Your carrier's data	

#### 4.4 More...

#### 4.4-1 Airplane Mode

Airplane mode is function for quick turn off of WIFI & SIM Card. WIFI & SIM card is out of reach under airplane mode, but it recovers once airplane mode turn off

#### 4.4-2 VPN

Open VPN and add **VPN network**, Input network name and related server address, and click "save" for sure.

			👻 🔏 🛢 10:15.am
	Edit VPN profile		
Bluetooth	Name		
O Data usage	Vpp		
	Type L2TP/IPSec PSK		
	Server address		
Audio profiles	L2TP secret		
Display	(not used)		
ScreenshotSetting	(not used)		
E Storage	IPSet pre-shared key		
Battery	Show advanced options		
P Apps	Cancel		
	Ĵ	<b>—</b>	

Click VPN created, Input VPN Account & password accordingly, and click "connect" to finish.

																	d 🔳	10:17
			Con	nect	to V	vb												
<b>Ø</b> BI			Usernar	ne														
O De			1															
		1	Passwo		Cance	ĩ												
reyate								-					_	-				
		•	i -		11		i i		i I			÷		•	11		í	-
q	w	e	<u>I</u>	r.		t		у		u	l	Ť	l	0		p		•21
q a	w	e	d	r	f	t	g	y T	h	u	j	î	k	°		P	Ne	
		e L X	d	r L c	ſ	t L V	g	y L b	h	u I n	;	i J m	k	•		р ]	Ne	
a	s	×	d	Γ	ſ	T	g	I	h	I	j j	I	k	I		1	Ne	đ

4.4-3 Tethering & portable hotspot
Tethering & portable hotspot
Click the app "settings" on menu interface. Make sure the device is under wifi connected. Choose More... and click "Tethering & portable

Se	ttings					👻 🎿 💼 10:
0	Bluetooth	0	Airplane mo	de		
0	Data usage		VPN			
DEVI	More	_	Tethering &	portable hotspot		
	Audio profiles					
0	Display		Mobile netw	vorks		
0	ScreenshotSetting	-				
=	Storage					
•	Battery					
	Apps					
		$\hookrightarrow$	D	Ē	38	
	ttings					. <b>d 🗎</b> 10
89	SIM management					
Ŧ		0	Keep Wi-Fil	hotspot on		
0		Keep Wi-Fi h	otspot on			
0	Data usage	Always				
		Turn off when id	le for 5 min			
		Turn off when id	le for 10 min			
0	Audio profiles		Cancel			
Ø	Display					
0	ScreenshotSetting					
III			0 blocked us			
		÷	Ω	-	50	

- Clicks "keep Wi-Fi hotspot on" and choose suitable period. Click icon "return", opening portable Wi-Fi hotspot and click "setup Wi-Fi hotspot".

2			.al 🗎 10:2
	Set up Wi-Fi hotspot		
🚯 SIM management			
🗢 Wi-Fi	Network SSID		
8 Bluetooth	Security WPA PSK		
O Data usage	Password	-	
	The paraword must have at least 8 characters.		
	Show pussword		
Audio profites	Reset network SSID, security and password WPS )	to default ( out-of-box configuration for	
O Display		Reset 00B	
ScreenshotSettin	Maximum connections		
E Storage	Cancel	Save	
	$\sim$ $\rightarrow$	<b>—</b> 53	

• Set up password for network encryption, and password should no less than 8 digits.

#### 4.4-4 Mobile Networks

#### • Data enabled

Under data enabled, you can use 2G/3G network through the SIM card.

#### • Data roaming

Under data roaming, you can surf the internet by SIM card in the situation of roaming. This data roaming means roaming between operators, but not areas.

#### • Network mode

Choose 2G/3Gfrequency channel. GSM means 2g network, this device support GSM 850/900/1800/1900MHz and 3g WCDMA 2100MHz. 3g frequency channel WCDMA 850MHz/900MHz/1900MHz is optional.

					м. 06:01 💼 ⊾
C 3G service					
Enable 3G 中面邮助					
Network Mode GSM/WCDMA (auto mode)					
	÷	D	ē	3:5	

#### (1) Access Point Name(APN)

Click Mobile network settings, see as below picture

	Mobile network settings	
🚯 SIM management	wobie network settings	
🗢 Wi-fi	Data connection	
8 Bluetooth	3G service	
③ Data usage		
	Preferred networks	
	Access Point Names	
Audio profiles	Network operators	
O Display	Choose a network operator	
C ScreenshotSettin		
E Storage		

### (2) Access point name (APN)

Choose the corresponding connection method see as below picture

-						🛢 10:31 ми
1	中国移动					E
	CMNET				8	•
	CMWAP onwap					
	中国移动彩信 (China Mobile) cmwap	8				
		¢	D	T	543	

Notes : (CMWAP transfers the date via GPRS, it can only visit wap webpage, but CMNET supports www browser on mobile internet, it can log in the similar web page the same as we surfing on the computer. Meanwhile, the charges for them are different.)

#### (3) Network operator

Click operator, tablet system will automatically search available networks GSM and WCDMA, see as below picture

2				.al 🛢 10:32 au
Settings	Available netw	orke		
🚯 SIM management	Available field	IOTKS -		
🐨 Wi-Fi	Select manually Search for all availab			
8 Bluetooth	Choose automat Automatically choose			
O Data usage	And a state of the second			
More				
DEVICE				
Audio profiles				
O Display				
C ScreenshotSettin				
E Storage				
	$\rightarrow$	D	54	

#### 4.4-5 GPRS data priority mode

When open the GPRS date priority mode, it will give preference to your use of the telephone network.

#### **4.5 Audio Profiles**

Open *setting* and choose *Audio profiles* and you can choose different mode for setting see as below picture

		.d 🗎 10:
Settings		+ 100 80
WIRELESS & NETWORKS	PREDEFINED PROFILES	
SIM management	General	$\overline{\underline{t}}_{\overline{t}}^{\underline{t}}$
🕈 Wi-Fi 🛛 🔍	Silent	
8 Bluetooth O	Silentonly	
🕚 Data usage	C Meeting Vibrate only	
More	Outdoor Loudestring and vibrate	
DEVICE	SOUND ENHANCEMENT	
Audio profiles	BesAudEnh	
O Display	Audio enhancer für earphone	
ScreenshotSetting		
÷		

Click General and access to setting see as below picture

WIRELESS & NETWORKS	R	GENERAL
🐻 SIM manageme	ent.	Vibrate Vibrate devices for incoming calls
🕈 Wi-Fi	0	Volumes
Bluetooth	0	volumes
🕚 Data usage		INCOMING CALLS
More_		Voice call ringtone Set your default voice calls ringtone
DEVICE		Video call ringtone Set your default video calls ringtone
Audio profiles		NOTIFICATIONS
Display		Default notification sound
ScreenshotSett	ina	SYSTEM

#### Vibrate

Click *Vibrate* which can realize the vibration effect on MID when you dial phone call, see as above picture:

#### Volumes

Click *Volumes* which can control the volumes of Ringtone & notifications, alarms, see as below picture



#### Voice call ringtone

Click voice call ringtone and you can choose the different ringtone as you like, see as below picture

	Voice call ringtone		
B SIM management	Backroad		
🗢 Wi-Fi	Beat Plucker		
6 Bluetooth	Bell Phone		
() Data usage	Bentley Dubs		
	Big Easy		
	Bird Loop		
	Bollywood		
O Display	Bus' a Move		
ScreenshotSetting	Cancel	ок	

#### Video call ringtone

Click video call ringtone and you can choose different mode of ringtones, see as below picture

		al 🔳 10:56 at
	Video call ringtone	
🖏 SIM management	Backroad	•
🗢 Wi-Fi	Beat Plucker	
Bluetooth	Bell Phone	
() Data usage	Bentley Dubs	
	Big Easy	
	Bird Loop	
	Bollywood	
O Display	Bus' a Move	
ScreenshotSetting	Cancel	ок
	t a a	- 32

#### System

It can be checked by ON/OFF, "Dial pad touch tones", "Touch sound", "Screen lock sound", "Vibrate on touch".

(Notes: except standard, silent, meeting, outdoor mode can only be chosen but not be set.)

#### 4.6 Display

#### 4.6-1 Brightness

- Click setting Apps
- Click Display  $\rightarrow$  Brightness.

• When pop-up brightness Settings panel, you can drag the brightness slider to adjust degree between dark and bright. See as shown picture

					al 🖬 1
B SIM management					
🐨 W(-F)	O Brightness			-	
0 Bluetooth	Automatic brightner				
③ Data usage					
	Economical backling				
	Automatically scapt is	acklight to save prover			
🚯 Audio profiles	Cancel		ок		
O Display					
C ScreenshotSetting					
	0	$\cap$		100	

• Once you set up the brightness, click *ok*.

#### 4.6-2 Wallpaper

- Click Setting Apps
- Click *Display* -> wallpaper

• You can choose the wallpaper as you like, such as *live wallpaper* - *gallery* (custom) - *wallpaper* (system) - *video wallpaper*, as shown in picture

					al 💼 11:12 au
Settings					
WIRELESS & NETWORKS		Gallery			
🐞 SIM managemer	it	Sumery.			
🕈 Wi-Fi	0	Live Wallpag	pers		
8 Bluetooth	0	Video Wallp	aper		
🕚 Data usage		Wallpapers			
More		trangagera			
DEVICE					
Audio profiles					
O Display					
C ScreenshotSettin	ig				
	5	$\Box$	-	38	

#### 4.6-3 Automatic rotation

System as the default open, when closed, the system will not rely on gravity induction to shift MID panel.

#### 4.6-4 Sleep

- Click Setting Apps
- Click Display
- Click Sleep

• When pop-up the page of sleep time setting, you can choose the sleep time as you like. See as below picture

	Sleep	
SIM management	15 seconds	
💎 Wi-Fi	30 seconds	
6 Bluetooth	1 minute	
O Data usage	2 minutes	
	5 minutes	
	10 minutes	
Di Audio profiles	To minutes	
O Display	30 minutes	
ScreenshotSetting	Cancel	

#### **4.6-5 Font Size** Click *Font Size* which can adjust font size of the MID, see as below picture

		Theme	
SIM management			
👻 Wi-Fi	Font size		
6 Bluetooth	Small		
O Data usage	Normal		
	Large		
	Extra large		
Audio profiles		Cancel	
O Ditplay		Sileep After 1 monute of inactivity	
ScreenshotSetting		Wireless display	

#### Screen shot setting

Screen shot: set up the time of screen shot, location of the picture and in the status bar whether displayed on screen buttons, etc. Tick on display screen button, see as below picture

	Wi-Fi	0	SCREENSHOTS	etting		
	Bluetooth	0	Select delay Os later capture	time to capture t	he screen	
•	Data usage		Set the locat flash	Set the location of screenshot storage flash		
l DEVIC	More Æ		Show the sc	eenshot button i	n the statusbar	
\$	Audio profiles					
0	Display					
o	ScreenshotSetting	1				
	Storage					
•	Battery					

### 4.7 Storage

Open setting Apps  $\rightarrow$  Storage  $\rightarrow$  DEFAULT WRITE DISK, you can choose the preferred installation space when you install new applications.

Check available space of SD Card and MID.

Check SD card and MID storage

Enter setting interface.

- 1. click storage to see the storage
- 2. INTERNAL STORAGE

System is stored as a MID space reserved for system files, see below picture, This space can't see content.

More	DEFAULT WRITE DISK
DEVICE	storage
Audio profiles	INTERNAL STORAGE
Display	
ScreenshotSetting	Total space
🔳 Storage	Available
Battery	1 88G8
🖻 Apps	Apps (app data & media content) 71.27MB
PERSONAL	Cached data

#### (2) USB STORAGE

USB Storage is MID NAND memory. If want to check the storage content you can go to *main*  $menu \rightarrow files$  managements for checking.

	al 🖬 11:14+
Settings	
More	Available 1 sece
DEVICE	Apps (app data & media content)
🗘 Audio profiles	
O Display	Cached data 7.30MB
ScreenshotSetting	STORAGE
E Storage	
Battery	Total space 3.9708
Apps Personal	Available 3.7568
Location access	Apps (app data & media content)
÷	

#### 2. SD Card

In the storage you can check the SD Card total space, available, unmount SD Card and Erase SD Card, and see as below picture

_		👍 💼 11:15A
Storage		
🐻 SIM management	storage	۲
🕈 Wi-Fi 🛛 🖸	SD card	
8 Bluetooth O	INTERNAL STORAGE	
🕓 Data usage		
More DEVICE	Total space	
🕀 Audio profiles	Available	
Display	Apps (app data & media content)	
ScreenshotSetting	71.34MB	
🗮 Storage	Cached data 7.30MB	
¢		

#### Remove SD Card safely

- Click setting Apps
- Click storage
- Click uninstall SD Card
- Now you can remove the SD Card safely.

Notes: If you remove the SD Card correctly, it can effectively protect it and increse the usage life of the SD Card.

#### 4.8 Battery

Click settings→	battery and t	hen to check	the battery	using status	as shown	below:
Chor Counge /	bullory und t		and ballory	aonig olalao		

🕚 Data usage	Battery Percentage	
More	73% - Not charging	
Audio profiles	17h 32m 26s on ba	ttery
O Display	Cell standby	47%
ScreenshotSetting	Centstandby	14425
E Storage	Tablet idle	45%
Battery	🛞 Wi-Fi	45
Apps		¥.
PERSONAL	O Screen	

#### 4.9 Apps

- 1. Please select setting in the application list.
- 2. Choose application and enter and then you can manage and delet the installed applications. In the lower left corner you can check the system storage space, see as below picture

n the lo	wer ie	π corn	er you	can	спеск	the s	syetem	storag	je space	, see as	s below	pictur

Storage				1
🕚 Data usage			Downloaded	storag
More				
DEVICE				
🕀 Audio profiles				
Display			220000000	
ScreenshotSetti	ng		No apps.	
Storage				
Battery				
🖻 Apps				
PERSONAL		<u></u>	internal storage	111
		86MB used		1.9G8 free
	¢	D		

3. Check internal storage space; see as below picture

3			🐨 📶 🗎 11:38
Settings			
064105		storage	Thur
Audio profiles			
O Display			
ScreenshotSetting			
Storage			
Battery     Battery     Battery     Battery     Second Content     Second Conten		No apps.	
🕿 Apps			
PERSONAL			
Location access			
Security			
A Language & input	234M8 used	- storage	3.768 free
Ç	D	<b>—</b> 52	

4. Check the running applications of their usage and available space see as below picture

			. <b>4 🗎</b> 11:16A
Storage			E
O Data usage	storage	Running	
More		ttings rocess and 0 services	36MB
DEVICE		intacts rocesses and 0 services	30MB
O Display		rogle Services	17MB
ScreenshotSetting		idroid keyboard (AOSP)	12MB
■ Storage	100 M	aps	5.1MB
Battery		rocess and 0 services	6.1MB
PERSONAL		RAM	
	301MB used		669MB free

### 4.10 Account

- Click setting
   Click Add account, see as picture

Settings		
🖾 Арры	Add an account	
PERSONAL		
Location access	Corporate	
Security	Email	
🖾 Language & input	8 Google	
💿 Backup & reset		
ACCOUNTS		
+ Add account		
SYSTEM		
O Date & time		
② Scheduled power on & off		
τ Π		🖞 📫 1:36 рм 📲 🛋 🗎

3. For example tap *Google*, see as picture

Add a Go	ogle Accoun	t					
Do you war	it to add an exi	sting account or o	create a new on	e7			
							Existing
							New
0	æ				22	đá	1:46 рм 😌 🖬 🚛

4. Once login successfully you can open synchronization function, see as picture

Apps PERSONAL	ACCOUNTS fengyun666666@gmail.com Last synced 2/20/2014 11:21 AM
Location access	PRIVACY
A Security	Maps & Latitude
A Language & input	Search
D Backup & reset Accounts	Location settings
8 Google	Ads
+ Add account	

#### 4.11 Location access

Click setting and choose location access, see as picture

😑 storage		Access to my	location		1
Battery		Let apps that hav information	re asked your permis	ision use your location	
Apps		LOCATION SOUR	ICES		
PERSONAL		GPS satellites	5		
Location access			le network locat		
Security		Let apps use Google's location service to estimate your location faster. Anonymous location data will be collected and sent to Boogle.			
🔺 Language & input					
Backup & reset					
ACCOUNTS					
🐮 Google					
+ Add account					

#### 1

**Google Location** 

When you open Google location, you can fix MID position via WIFI

**GPS** satellites 2

Use GPS on your MID which can pinpoint your location 3

#### **GPS EPO assistance**

Use GPS assistance date (EPO) to speed up GPS positioning, but it need insert SIM Card and generate lots of traffic.

#### **EPO Setting** 4

Tap EPO Setting to check EPO position date and whether it automatically downloads.



5

GPS

GPS can speed up the fixed time of location via internet when used 6 **A GPS.** 

#### Tap A-GPS settings and you can see below picture

n storage	Disable after Reboot Disable A-GPS capability after reboot	
P Battery	Network Request Allow network to request position	*
PERSONAL	Network Used	
Location access	Use A-GPS both under home and roaming network	
Security	Profile Selector GOOGLE	
A Language & input	SLP Address wat google cam	
Backup & reset		
ACCOUNTS		
8 Google	TLS. TLS is turned on	
+ Add account		

#### 6.1 Disable after Reboot

Choose disable after reboot the A-GPS will automatically closed when you reboot MID. 6.2 **Network Request** 

Use network request to get your location via internet

#### 6.3 Network Used

Open network used you can choose the different mode of network, see as picture

Settings			
DEVICE	Disable after	w Rebnot	
Audio profiles			
O Display		quest	
🗃 Storage	Network Used		
Battery	Only Home		
🖾 Арро	Home + Roaming		
PERSONAL	Gance		
Calibration access			
Security			
Language & input			
🐵 Backup & renet			
р Ф		\$ <b>40</b>	1:54 PM 🐨 🖬 🕌

#### 6.4 Profile selector

Choose profile selector you can shift them as you like, see as below picture

Settings				
DEVICE		Disable after Reboot		
Audio profiles		Disable A DPS capability a services		
O Display		Network Request		
Storage	Profile Selecto			
E Battery	NOKIA			
Apps	GOOGLE			
PERSONAL		Cancel		
. Costion access				
🖨 Security				
🖾 Language & input				
<ul> <li>Backup &amp; reset</li> </ul>				
t C D			₽ <b>85</b>	1:54 рм 🗢 🖬 л 🗈

#### 7 Location and Google search

Use Location access and Google search, you can use your location information to improve search result and other services.

#### 4.12 Security

#### Set up screen lock

You can use password and unlock pattern to lock the touch panel and protect your MID. Notes: Once you have set up the screen lock, every time when you reboot and unlock the touch screen will request to enter your password.

#### Set up unlock pattern

- *1.* In the main menu page please click *setting* Application.
- *2.* Click the *security*
- *3.* Click the Screen lock
- 4. In the pop-up text setting area, choose *pattern*.

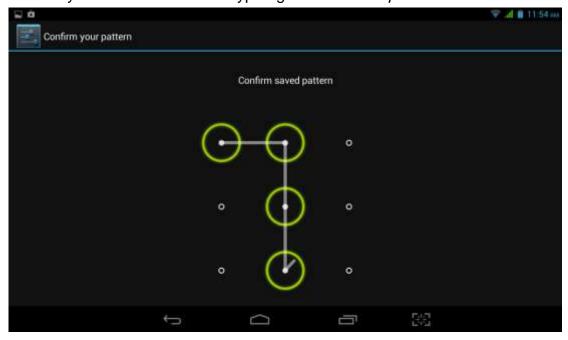
*5.* Click *Next step* as it mentioned.

*6.* It will pop up unlock pattern screen which has 9 dots. Slide your finger to connect the dots in any order on the next screen for creating a personal screen unlock pattern. You need to connect at least 4 dots. See as picture

#### 7. Click Next

8.

When you see the notice and type again the *unlock pattern* and click OK.



#### Set up unlock PIN password

In main menu please tap settings  $\rightarrow$  Security  $\rightarrow$  Lock screen  $\rightarrow$  in the pop up text set area choose PIN  $\rightarrow$  type new PIN password(finger) and tap Next  $\rightarrow$  type again new PIN password and tap OK.

#### Set up password

In main menu please tap settings→Security→Lock screen→in the pop up text set area choose Password→type new Password(alphanumeric) an

tap Next $\rightarrow$ type again new Password and tap OK.

#### **Unknown sources**

In main menu tap Settings → Security → Unknown sources, see as shown picture

	SIM CARD LOCK	
Audio profiles	Set up SIM card lock	
O Display	PASSWORDS	
Storage	Make passwords visible	
Battery	DEVICE ADMINISTRATION	
🖻 Apps	Device administrators	
ERSONAL	Vine or deact vale device administrators	
Location access	Unknown sources Allow installation of apps from unknown sources	
Security	CREDENTIAL STORAGE	
🔺 Language & input	Trusted credentials Display inusted CA certificates	
Backup & reset	Install from SD card	

Notes: Click unknown sources and then you can install APK files by hand successfully.

## 4.13 Language & input

Tap setting→Language & input. You can choose the language as you need. See as below picture

Settings	
E Storage	牛文 (繁晴)
Battery	中央(简体)
Apps Personal	Bahasa Indonesia
Location access	Bahasa Melayu
Security	Deutsch
📕 Language & input	
⊙ Backup & reset	English
ACCOUNTS	Español
🔣 Google	E-spanor.
0 0	е 🗰 1:58 рм 👻 44

Tap settings→Language & input→Android keyboard settings→input language, see as below picture

Input languages English (United States)	
GENERAL	
Auto-capitalization	1. A.
Vibrate on keypress	
Sound on keypress	×
TEXT CORRECTION	
Add-on dictionaries	
Auto correction Spacebar and punctuation automatically correct mistyped words	
Chow connection evocactione	

In the effective input method you can change the default language as you need. See as picture

input lang	uages			
	BOARD (ADSP)			
Use system	language			
ACTIVE INPUT	METHODS			
	÷	ā	- S	5

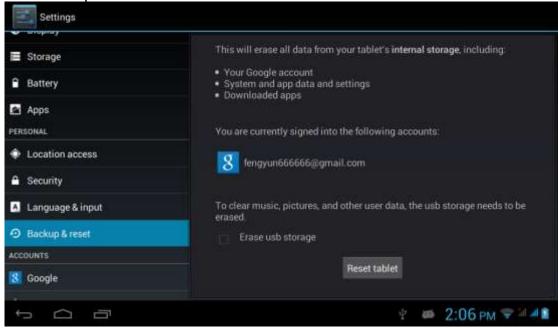
Return to Language & input, tap default to choose input method as you need. See shown picture

E	* 0				🐨 🦼 🍵 1:50 i w
11 Mill	Input languages				
	ANDROID KEYBOARD (AO	(\$P)			
	Use system languag	0			
	ACTIVE INPUT METHODS				
	English (US)				
	English (UK)				
	Afrikaans				
	Arabic				
	Belarusian				
		-	Q	- 38	

## 4.14 Backup and reset

Tap *Backup my date* after you have logged in Google account and connected Wifi the system will automatically backup your date to Google server.

For some reasons you have to restore the factory settings, please tap restore the factory settings.; If you want to format MID NAND, please click on Erase USB Storage and tap reset tablet is ok. See as picture



## 4.15 Date and Time

As default setting, system will set the date and time automatically by using network-provided values.

Set the date and time zone by hand

- *1.* Click settings
- 2. scroll down the screen and click date and time.
- *3.* Close Automatic date & time
- 4. Close Automatioc time zone

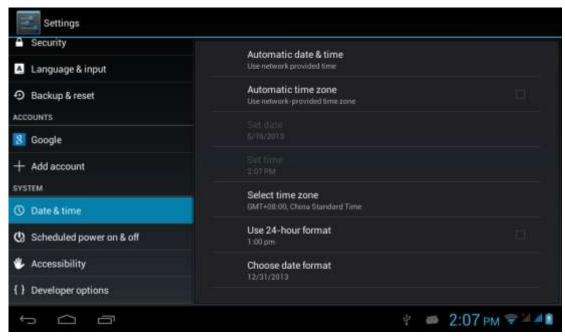
*5.* Click *Select time zone*, and then choose *time zone* in the list. Scroll down the screen you can check more time zones.

6. Click set date and tap up and down button to select *Day, Month and Year*, thne tap "set" to finish the setting.

7. Tap *set time*, and tap up and down button to select hours , minutes, choose AM and PM to set morning or afternoon(it will not support 24-hour format), and then tap "set" to finish the setting.

*8.* Click Use 24-hour format, you can shift between 12-hour and 24-hour format. And the time format will applied in the alarm clock.

9. Click choose date format and choose the date format which will show in your MID.



Notes: If you use the time which network provided automatically, you are unable to set the date and time zone.

Tap settings→Scheduled power on & off, see as below  Click here to s schedule power off  Security  Language & input	
Security      Language & input	
Language & input	
2 contracte on pos	
	· · · · ·
D Backup & reset     Turr     on/c     O     S:30 <sup>™</sup>	
ACCOUNTS Main Tea Web	dule
8 Google pow	er off
+ Add account	
SYSTEM	
O Date & time	
() Scheduled power on & off	
🖐 Accessibility	
{ } Developer options	
↔	

## 4.17 Accessibility

#### 4.17-1. large text

Click *Large text* can make the system font become larger

#### 4.17-2. Press Power button to end call

With this function, when you make a call and press "power" button, you phone call will automatically hang up but will not turn to sleep

#### 4.17-3. Touch & hold delay

Click Touch & hold delay can adjust the delay time, see as shown picture

Settings				
Backup & reset     Accounts				
Soogle	Touch & hold d	elay		
+ Add account	Short			
SYSTEM	Medium			
③ Date & time	Long			
O Scheduled power on 5 of	Long	Cancel		
🐇 Accessibility		Touch & hold defay		
{} Developer options				
About tablet		Enhance web accessibility Installation		
т <u>с</u> б			÷ #	2:11 рм 🗢 💵

#### 4.17-4. Install web scripts

When you open it system will allow you install web scripts, but it will increase the security risk when you browser website.

#### 4.18 Developer options

#### 4.18-1 USB Debugging

Once you open USB debugging, it can read the MID with some software. But when it opened the USB storage need to manually bring up before us.

#### 4.18-2 stays awake

When you open stay awake, MID screen will never sleep while charging.

#### 4.18-3 Cursor position

When you open Cursor position, you can read the touching point operation's transverse and longitudinal axis coordinates of your MID

#### 4.18-4 Display touching operation

When you open display touching operation, it will display your touching area of MID. And it will more accurate and clear when used with cursor position

#### 4.18-5 Display update

When display updates, it will flash in the corresponding place.

#### 4.18-6 Display CPU usage

After opening display CPU usage, upper right corner of MID will display the CPU usage,



#### 4.19 About MID

#### MID status

1Enter the settings application

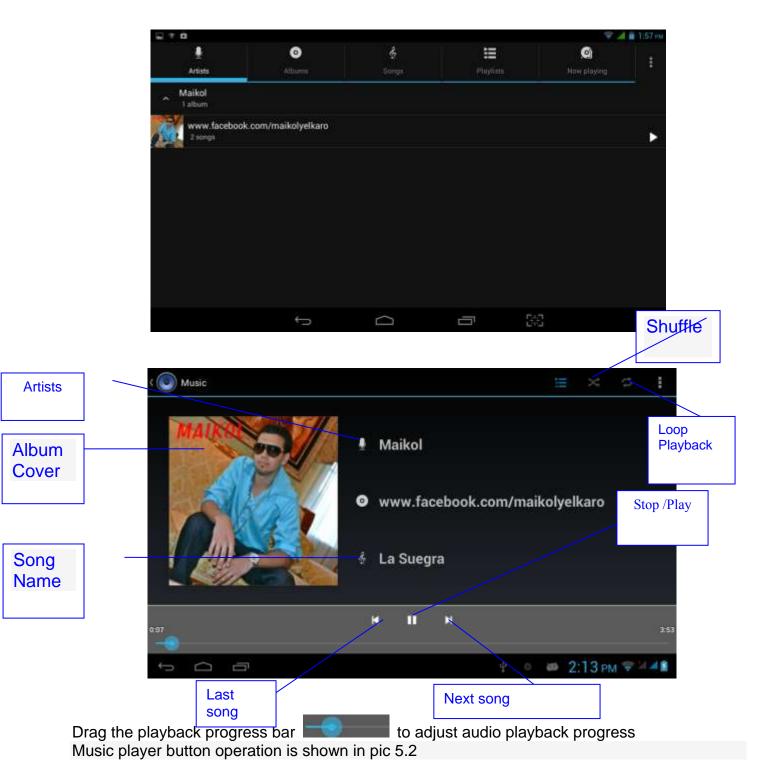
2 Click About MID. Can view the status information, model No., Android version, version no. and other information.

3 Click "status information", Can view the battery status, battery, SIM status, IMEI No., IP address, etc.

#### 5. Multimedia

#### 5.1 Music Player

In the application menu or on the desktop, click the icon with the enter into the Music Player interface, select a different way to find songs



## 5.2 Video

In the application menu or on the desktop, tap the icon **menu** to enter into the video player interface.

Video player buttons described in pic 5.3



## 5.3 Gallery

Gallery application can automatically search for photos from the Micro SD card and video files, And Gallery folder will classify these pictures and video files, You can use the Gallery application to check and edit photos, check the photos and set it as a desktop picture

## **Check Photos**

1 In the application menu or on the desktop, tap the Gallery application

2 Enter the gallery, tap the folder to check the included pictures

3 Tap the picture you want to view, the system will automatically view in full screen mode.

4 Photos can zoom in or zoom out by separate or fold two fingers. Double clicks can make it too.

Tips: When browse pictures, you can swipe left or right picture to switch picture Browse

#### Edit and set picture

View images in full screen mode, press the Menu button to display the menu options, you can select the options you want to edit and set the picture.

#### slideshow

1 Open a picture, click the menu button using the virtual keys to display the menu options

2 Tap the slideshow, it will automatically loop (or tap the icon in image folder)

#### Crop

1 Click on the menu button to display the menu options

2 Then tap Corp, drag the relevant regional election to adjust the cutter

3 Tap cutter, drag from center to outside to adjust the crop size.

4 Adjust the size you want, tap Crop

5 As abandon cropping, click Cancel to return to picture overview

#### Edit

1 Click on the menu button to display the menu options

2 Tap Edit

3 In the pop-up options can be brightness, style, color, effect settings

4 Click Save

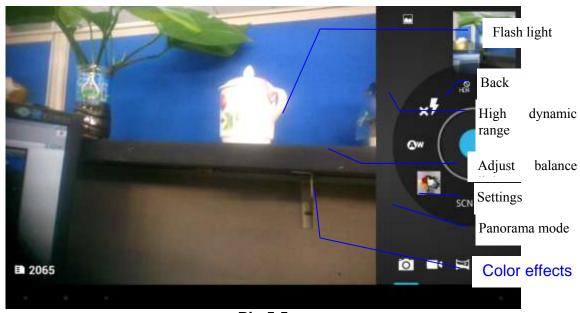
5 As abandon editing, click the Back key, in the pop-up dialog box, click NO back to picture browsing

## 5.4 Camera

In the application menu or on the desktop, tap the icon to enter into the Camera interface Camera operation button and Switching camera as shown in pic 5.4 and pic 5.5



Pic 5.4

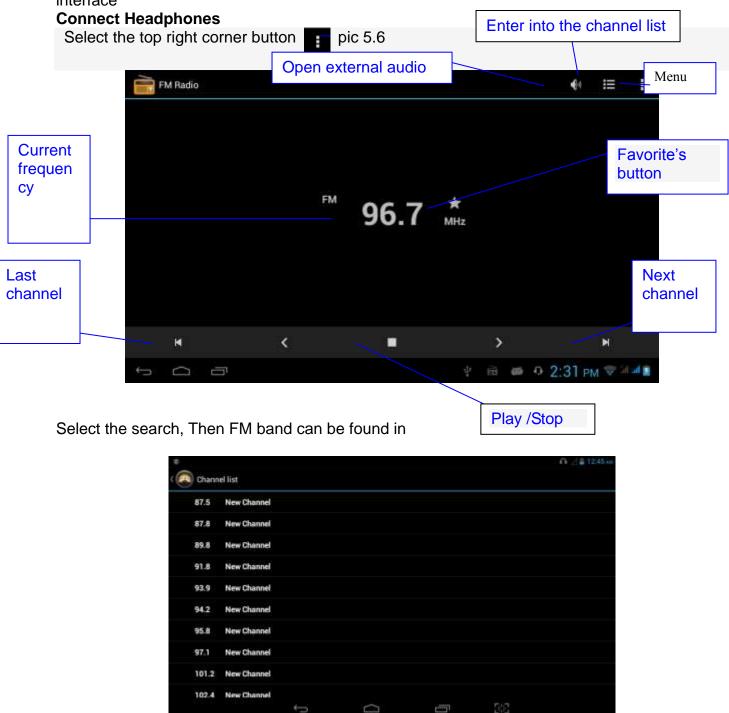


Pic 5.5

## 5.5 FM Radio (Optional functions)

In the application menu or on the desktop, tap the icon **mathematical** to enter into the FM Radio

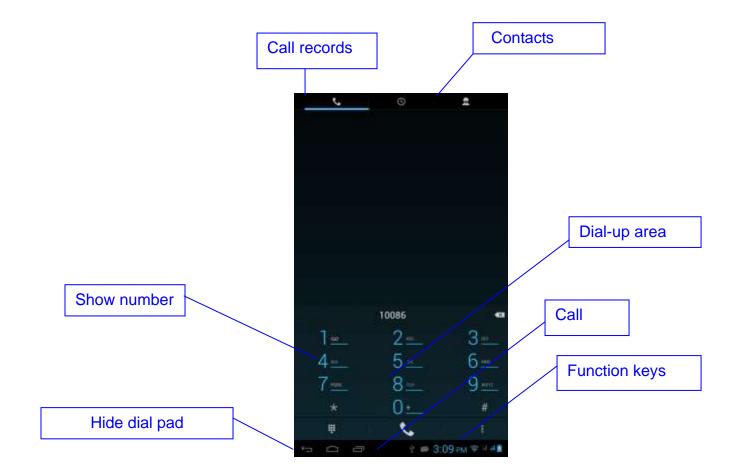
#### interface



Favorites: Click the button for the main interface to add to Favorites Note: Using FM Radio plug in your headphones as an antenna If no antenna, you will not be able to search the MID band radio

# 6 Communication function 6.1 Phone

- 8 Select the dialing application
- 9 Operate according to Figure



#### 6.2 SMS

6.2.1 In the application menu or on the desktop, tap the icon to enter into the SMS interface

6.2.2 Select edit new message

	( 🔛 New message	® 1	Add
	To	*	recipients
Input the phone number directly			
			Send message
	Terri menene	Teart	
	Type message	🕐 🚎 3:12 pm 🗇 🖬 🗯	
		3.12 PM +	

## 6.3 Contacts

In the application menu or on the desktop, tap the icon to enter into the Contacts interface

All contents		9, <b>2</b> , 1
Set up my profile		
earch for contacts.	Click the button	to enter into the search function

Search for contacts: Click the button to enter into the search function Add contacts: Click the button to enter into the Add contact interface

# 7. Movil Teacher (Optional)

## 7.1 Device setting

Click the "Setting" icon to enter i

to enter in the setting panel.



Pic 7.1

Locate and choose "Language and keyboard" and select "Voice Search"

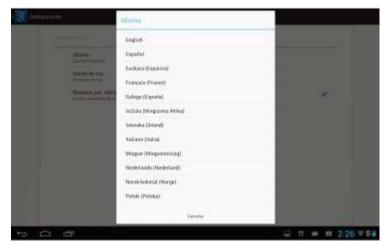


## Pic 7.2

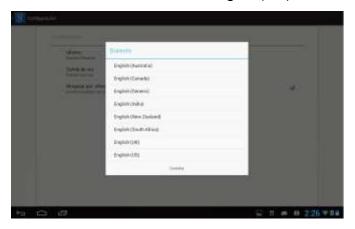
Select "Language"

Geolgeottie	
tdona. Espetial (Espetial	
Sabida de vos Destrumunt vos	
Bioqueor pol, ofernaivas Rottor exclusion de os oferenes	80

#### Pic 7.3 Select "English"



Under "Dialect" choose, select English(US)



Select "Keyboard and Language", and select "Output of Voice Text" on the right



#### Select "Language"



Select in the menu that appears "English (United States)"

Cuentas y Minerani	Idioma	
	alemán (Alemania)	
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	inglés (Reino Unido)	
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	español (España)	
	francés (Francia)	
Accessbridged	italiano (Italia)	
	Ganadian	

## 7.2 USER'S INTERFACE



## 7.3NAVEGACION

The main screen contains the Main Menu of each chapter. From here you can enter all of the chapters of course.

There are two methods of navigation between chapters. You can move forwards and back from one chapter to another as shown in the following image.



Drag the tabs to navigate between chapters.



Drag lessons' panels for details of that lesson



In compounds chapters touch tabs to access that section



Once you enter a letter or a word in the "search query" in the dictionary, you can scroll through all the words in the dictionary, or choose the word that interests you to access more options



Puede utilizar el teclado, o un comando de voz, para ingresar la palabra que está buscando

Once you choose a word from the list, you will see the dictionary. From here you can:

- See the translation of the word.
- See the definition of the word.
- Practice writing.
- Listen to the pronunciation.
- Practice your pronunciation of the word.



Touch the panels to access the main menu of the lessons in this chapter



The main menu of the lessons allows access to each individual lesson and also displays information about your score and progress in each lesson.



Back to chapter menu

To unlock the padlock and enter the next lesson, you should get 50% or more in the previous lesson

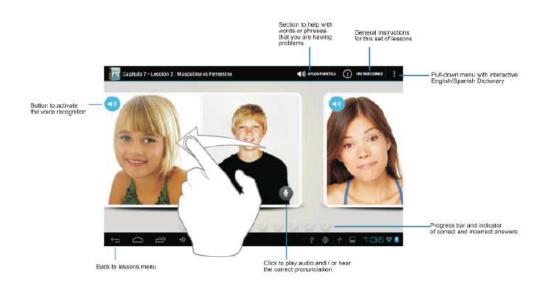
Once the lock is opened, you will see the blue button 'play' to begin the next lesson

As you progress through the chapter, you will have access to more lessons.

You can always go back and review the finished lesson to review topics or improve your score.



The lessons have several different types of activities, all complete with instructions and guidance. In all the lessons you can find the same functionality and continuity of concepts of user's interface.



# 8 Internet

## 8.1 Browser

When wifi or net work is well connected, click to input IP address and can surf internet. As pic 7.1



## 8.2 E-mail

Email application with e-mail setup wizard, can add common Web e-mail service provider (Such as Yahoo, Gmail and 163 other provider) external POP3 or IMAP e-mail account. Figure 7.2

	Ema	il acco	unt							
	You ca	n set up em	ail for most a	iccounts in j	ust a few st	eps.				
	Email ad	dress						Manual		
	Pastwor	d.								
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۹ ء		e d	r f	t g	y h	u j		o k	P I	<b>≪</b> ≋ Next
q a ¢			r f c			u j n			р 1	



#### A E-mail settings

- 1 After clicking the icon E-mail setup wizard will appear to help you set up
- 2 Input your email address and password for the email account
- 3 Click the Next Step button to check the mail server is available transceivers
- 4 Input the account name and email name, then tap Done
- 5 If the mailbox is available, will automatically enter your inbox

#### **B** Delete mail account

You can delete the set up POP3 or IMAP email account from your MID



- 1 taps the icon
- 2 Enter into your inbox
- 3 Click the Menu key
- 4 Tap the Settings
- 5 Right down select Delete Account
- 6 Click OK to remove

#### C Send E-mail message

- *1* Tap **I** to display your inbox
- 2 Click the e-mail inbox will automatically refresh, click to read

3 Click the Menu key to pop up the menu

4 Tap the top right corner 📑 ; enter into edit new mail interface

5 input the recipient's e-mail address

6 Input a subject and message content

7 Click Add Attachment

8 Select the attachment you want to send (such as pictures, video, etc.)

9 Click the Sending key to send an e-mail

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	fengyun666666@gmail.com		
	Τø	* EL/8CC	
	Subject	-	Add
	Compose email		Attachment
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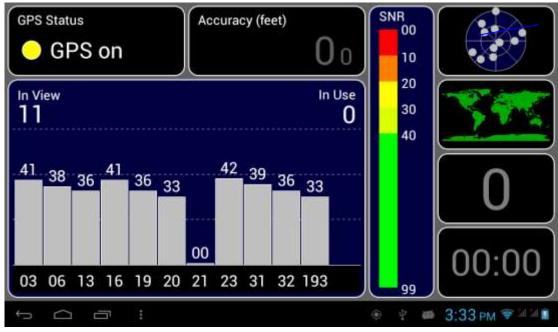
Pic 8.3

## 9 GPS function (optional feature)

#### 9.1 GPS positioning

*1* MID built-in GPS precise positioning satellite signal receiver. But available map is provided by third party.

2 Enter into the setting interface, click on the icon 2, enter in pic 9.1



Pic 9.1

After successfully positioned, blue part will be transformed into green. And display the latitude, longitude and altitude, speed, position location time. pic **9.2.Satellite value represent positioning signal of the intensity**, Positioning time associated with the choice of setting time zone range. If time does not match with positioning location time, please check your time zone selection is correct

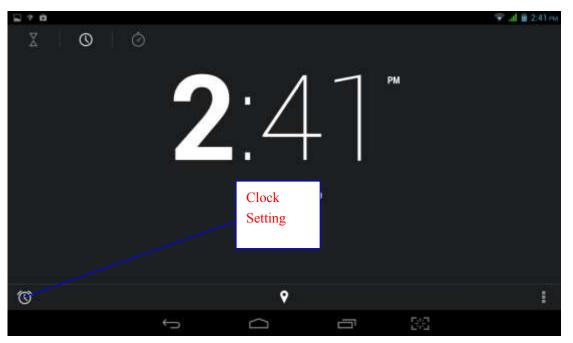


# **10 Other Applications**

## 10.1 Clock

In the application menu or on the desktop, tap the icon *Clock* to enter into the Clock interface, Figure 9.1

Click the alarm settings, alarm clock can be set



pic 10.1

## **10.2 Calculator**

1 Tap on the icon



- 2 Enter The calculator basic panel
- 3 Touch counter number on the panel or operator to calculate

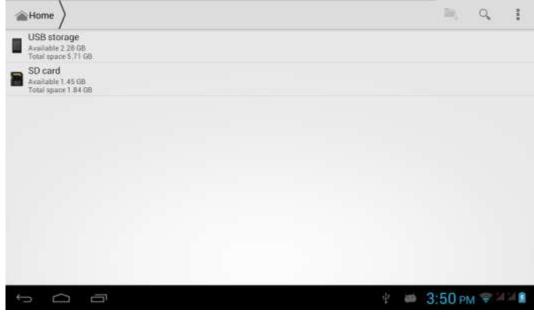
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t D	✓		,	•		PM 🗢 M M 🔳

pic 10.2

## 10.3 Explorer

Explorer with the TF card files or folders to copy, cut, delete, rename and other operations can also share the file, install apk and other functions

In the application menu or on the desktop, tap the icon interface, Figure 9.3



Pic10.3

**A.** Some operationgs, such as copy, cut, delete, rename, etc. Select a folder or file, long press a folder or file to enter into Figure 9.4 Interface.

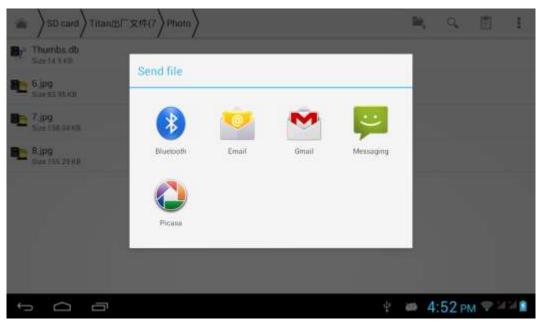
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Maikol Y El Karo - La Suegra.mp3 Size 7.34 MB						
<del></del>	Ω	5	<u>a</u> :			

pic 10.4

- B. Paste the copied or cut file or folder: on the directory you want to paste, you can select the
- icon in the upper right corner to

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	<u>(</u>	$\cap$		56		
paste				Let " al		
		Pi	c10.5			

**C**.Share the file: Select a file and long press this file, In the top click on "I" In the pop-up list, select "Share" item. According to the pop-up list to select the way you want to share



Pic 10.6

**D.** Install apk file: select the suffix. Apk file on the Explorer, pop up the installation program, follow the prompts to install third-party software

E. Create new folder: Select the folder you want to create the directory, Click the right button , select the Creat New Folder, Follow the prompts to complete the Creat New Folder

## 10.4 Recorder

In the application menu or on the desktop, tap the icon **I** to enter into the Recorder interface,

Click the Record button to start recording, click the Stop button to stop recording.

Just click the play button to play the recording, the system automatically prompts to use this recording or to give up, please manually select.

Play recordings: Select to use audio player audio, in accordance with the Explorer select the audio files, and click to play

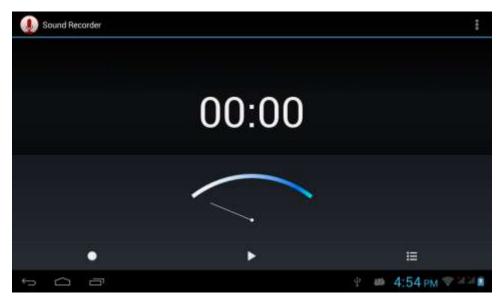


Figure10.7

# **11 Application Installation**

# 11.1 Installation

## Install third-party applications

1 Tap on "Explorer" application, select the application you want to install

2 Press and hold the application you need to install

3 Pop-up installation options, click Install apk

4 Follow the installation wizard to complete then can be run.

Note: Applications only with APK suffix are compatible with system.

## 11.2 Uninstall

Uninstall application

1 On the Home screen, tap Settings bitmap

2 Tap the application that lists all the applications installed on the system list of programs

3 Tap the APK you want to uninstall, click Uninstall

4 Click OK to complete the uninstall

Tips: system pre-installed program manager can easily achieve uninstall, Open the Program Manager, click on Uninstall tab, the system will list the installed application lis

## 12 Firmware upgrade

1. Press the "**POWER** button to turn off the device before updating (**NOTE:** Press and hold the "**POWER** button for at least 10 seconds if the device can not be turned on normally). Insert the Driver CD and copy the file named "MTK Android Upgrade Tool" to your computer desktop (**NOTE:** The device can not be updated directly from CD).

Open file "SP\_Flash\_Tool\_v3.1332.0.187" and double click below picture.



shown as

Beck +      Polese     Poles	SP_Flash_Tool_v3/1244.0.sn Rie Edit Vew Favorites Tools			
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Wesh       Image: Configuration Satterings       Image: Configuration	Nie and Fokler Tasks     A       Plain a rese folder     A       Plain a rese folder     B       Wall     Shore the folder       Other Places     8       Plane Anderstallapprole Tool     8       Plane Documents     B       Wy Computer     B       Wy Alensels Rame     8	Andread         Stron Configuration Sattings 1:03         ConsiderMode_v1_0.xsd With Drive 20 Hit         Strong Drive         Strong Drive <t< th=""><th>bron.dl     1,442,123     1,442,123     1,442,123     1,442,123     1,442,123     1,442,124     1,442,124     1,442,124     1,444,124     1,444,124     1,444,124     1,444,124     1,424,124     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144</th><th>BACIOP       Configuration Settings         Tat       Type: Configuration Settings         Chedsum       Type: Configuration Settings         Chedsum       Type: Configuration Settings         Tat       Type: Configuration Settings         Data Modeling: Settings       Configuration Settings         Data Modeling: NCO.ORT, namifiest       Modeling: Settings         Data Modeling: Settings       Modeling: Settings</th></t<>	bron.dl     1,442,123     1,442,123     1,442,123     1,442,123     1,442,123     1,442,124     1,442,124     1,442,124     1,444,124     1,444,124     1,444,124     1,444,124     1,424,124     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144     1,420,144	BACIOP       Configuration Settings         Tat       Type: Configuration Settings         Chedsum       Type: Configuration Settings         Chedsum       Type: Configuration Settings         Tat       Type: Configuration Settings         Data Modeling: Settings       Configuration Settings         Data Modeling: NCO.ORT, namifiest       Modeling: Settings         Data Modeling: Settings       Modeling: Settings

It shows as below picture after open the tool.

🚮 Smart Phone	Flash Tool (Run	time Trace Mode)				
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				0%		 
		NAND USB	115200 bps			
		DA DL AI	Without Battery (F	ull Speed)		li.

2. Click button"**Scatter-loading**"in the right, Choose file "**Upgrade** 

file"-"MT6582\_Android\_scatter.txt", then click "Open", shown as below picture.

Smart Phone Flash     Open Scatter     Ide Action Options Wi      Download Read back N      Format Firmw      rownload Agent D:MT     catter-loading File     uuthentication File     land Util File     name r      r      My Computer	n: Dygrade F android-info installed-files MT6577_And				Download Agent     Scatter-loading     Auth File     Cert File     Nand Util File
My Network	File name:	MT6577_Android_scatter_er	nmc	Open	
Places	Files of type:	Map File (*.txt)	<u>•</u>	Cancel	
<		(iii).			
		0%			
NAND	USB 93	21600 bps			
	DA DL All Without	Battery (Full Speed)			3.

device has been turned off; connect the device to the PC by the USB cable supplied with the device.

Choose "Install from a list or specific location (Advanced)", and then click "Next", see the picture below:

Smart Phone Flash Tool	Martin and Andrews	Aode)			
Downley Found New Hardwar					
Downlo Scatter- Authent Certifica	Hardwa This wizard	ne to the Found New are Wizard helps you install software for: Preloader		< Sum	Download Agent     Scatter-loading     Auth File     Cert File
Nand U name PPR D PR D DS ME EB UB UB EB SE UB E E E E E E E E E E E E E E E E E E	What do you	our hardware came with an instal loppy disk, insert it now. u want the wizard to do? I the software automatically (Recommen I from a list or specific location (Advance o continue.	ded)	3_G901-KW\preloader_hexing; 3_G901-KW\DSP_BL 3_G901-KW\BR 3_G901-KW\EBR1 3_G901-KW\EBR1 3_G901-KW\boot_hexing77_i 3_G901-KW\boot.img 3_G901-KW\secro.img 3_G901-KW\secro.img 3_G901-KW\system.img	ics2.bin
		0%			
	EMMC USB	921600 bps	_		

Choose"Include this location in the search"- "MTK Android Upgrade Tool" > "Driver\_Auto\_Installer\_v1.1236.00" > SmartPhoneDriver > "x86" > "Infs", Click"OK". Shown as below picture.

Fo	ound New Hardware Wizard			
	Please choose your search and in	Browse For Folder 🛛 💽 🔀		
ownlo		Select the folder that contains drivers for your hardware.		Download Agent
atter	• Search for the best driver in these			😂 Scatter-loading
thent	Use the check boxes below to in			🗁 Auth File
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nd U	🗹 Search removable media (l	🗟 🚞 SmartPhoneDriver		😂 Nand Util File:
ame	🗹 Include this location in the	<ul> <li>₩ im x64</li> <li>m x86</li> </ul>		
PR	D:\MID 驱动 \9701C(RK30		W\preloader_hexing77_ics2	bin
DS ME		🖽 🛄 Unsigned inrs	W\DSP_BL W\MBR	
EB	O Don't search. I will choose the dr	E SP Flash 1001 V3.1244.U.SN85	W\EBR1	
I UB	Choose this option to select the c the driver you choose will be the	👝 user manual	W\uboot_hexing77_ics2.bin	
BO RE		🗈 🛥 Local Disk (E:)	W\boot.img W\recovery.img	
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LO			W\logo.bin	
AN			W\system.img	
				>

Then click "NEXT", The system will detect and install the driver automatically, finally click"Finish",seethepicturesas

	ound New Hardware Wizard	
	Please wait while the wizard installs the software	< Sum
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File Action Options Win	Tool (Runtime Trace Mode) Idow Help	
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PR       DS       DS       SEB       SEB	Click Finish to close the wizard.	3_G901-KW\preloader_hexing77_ics2.bin 3_G901-KW\DSP_BL 3_G901-KW\BBR 3_G901-KW\EBR1 3_G901-KW\boot_hexing77_ics2.bin 3_G901-KW\boot_img 3_G901-KW\secovery.img 3_G901-KW\secovery.img
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	0%	
	EMMC USB 921600 bps	

The "Found New Hardware Wizard" window will pop up on the bottom right corner as shown below.

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4. Pull out USB cable, then click "Firmware->Upgrade"

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			0%			
	EMM	C USB 1152	00 bps			
	J					11.

5. The upgrade process begins, shown as below picture (please reconnect the tablet pc to computer if it shows that it is being charged)

Download				-		
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Authentication File						🗁 Auth File
Certification File						🕒 Cert File
Nand Util File						🖂 Nand Util File
name	region address	begin address	end address	location		
PRELOADER	0x000000000	0x00000000	0x00000000	D:\MTK_Android	Jpgrade Tool\T3_G901-KW\preloader_he	xing77_ics2.bin
		and a standard and an inter	0x00000000 0x00000000	D:MTK_Android D:MTK_Android D:MTK_Android D:MTK_Android D:MTK_Android D:MTK_Android D:MTK_Android D:MTK_Android D:MTK_Android	Jpgrade Tool\T3_G901-KW\preloader_he Jpgrade Tool\T3_G901-KW\DSP_BL Jpgrade Tool\T3_G901-KW\MBR Jpgrade Tool\T3_G901-KW\LEBR1 Jpgrade Tool\T3_G901-KW\Leboot_hexing Jpgrade Tool\T3_G901-KW\Leboot.img Jpgrade Tool\T3_G901-KW\Leboot.img Jpgrade Tool\T3_G901-KW\Leboot.img Jpgrade Tool\T3_G901-KW\Leboot.img Jpgrade Tool\T3_G901-KW\Leboot.img	

6. When the upgrading is 100% done , "**Download OK**" pops up. The upgrading process is done, and USB cable can be pulled out.

C Format	😨 Firmware -> Upgrade	C≯ Download	© Sto		All With Check Sum	
Download Agent	D:\MTK_Android Upgra	ade Tool\SP_Flas	h_Tool_v3.1244	.0.sn85\MTK_AllinDr	ne_DA bin	🗁 Download Agent
Scatter-loading File	D.\MTK_Android Upgra	ada Tool\13_G90	11-KW\MT6577_	Android_scatter_emm	nc.txt	Scatter-loading
Authentication File						Auth File
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				100%		
37560746 Bytes / 5	027.12 KBps EMM	C USB	921600 bps	1:31 sec		
11	027.12 KBps EMM	USB	921600 bps	1:31 sec	EMMC: (59Gb+8192Mb) SANDISK 0x53454d	

7. **NOTE:** Please don't disconnect the USB cable during the updating process because this will cause update failure or possible system failure of the device.

# 13 Troubleshooting and FAQ

## 13.1 Troubleshooting

## 1.1 Device can not connect to Wi-Fi

1) Ensure the wireless network is working by testing it using another wireless device.

2) Ensure the device and the wireless router is within the range of the wireless network to be connected too. Walls or other obstructions will reduce the possible distances between wireless devices.

3) Ensure the security password being used is correct.

## 1.2 Device doesn't turn on

1) You cannot turn on the device when the battery charge is below the critical level, please charge the battery.

2) Press the RESET button on the top of the device and check if it is restarting normally or not.

3) Check if the charger is connected correctly.

## 1.3 Heat Issues

When running multiple applications, using the screen on its brightest setting, or when being charged, this device can get quite hot. This is normal and should not cause any inconvenience when in use.

## 1.4 System has anomalies and doesn't work correctly

Installing some third-party applications may cause the system to operate incorrectly. Press the RESET button and perform a system reset to resolve this issue.

#### 1.5 Cannot set E-mail Account or registration application

1) Ensure that the tablet is connected to a Wi-Fi network and can connect to the Internet.

2) Ensure your E-mail settings have been entered correctly for the account being accessed.

3) Make sure your system time and local time is correct.

## 1.6 Cannot record

Press the RESET button on the top of the device, and then check if the record function works correctly.

## 1.7 The stand-by time of the device is too short

1) 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.

2) Battery life is dependent on usage. High volume, WIFI, and the frequent use may cause the battery to be drained at a higher rate.

## 1.8 No sound via earphone

1) Please check if the volume setting is 0.

2) Please check if audio file is broken, and try to play another audio file to confirm. If the audio file is broken, it may cause severe noise or static.

## 1.9 The color distortion of video or picture display

Press the RESET button on the top of the device to resolve this issue.

## 1.10 Cannot copy files

1) Please check if the device is connected to the computer correctly.

2) Please check if the memory space is full.

3) Please check if the USB cable is broken.

#### 1.11 No sound or no image via HD Output.

1) Please check if the device is connected to an HD cable correctly, and the TV settings of the HD port is correct.

2) Please check if the HD cable is broken.

3) Press the RESET button on the top of the device, then check if the HD output function works correctly.

#### 1.12 Other troubles

Please follow up the steps as below to fix the other troubles before you return the MID/Tablet to us:

1) Press the RESET button on the top of the device, and then check if the function works correctly;

2) Upgrade the firmware from the CD and restart the device and then check if the function works correctly.

## **13.2 Frequently Asked Questions**

#### 2.1 Will my existing eBooks be compatible with this device?

Most popular e-book formats that are not DRM protected are compatible as long as they are in a supported format: TXT, LRC, PDF, HTM, EPUB, etc. If they are not compatible, an application may be available on APKShare.com, which could assist you.

#### 2.2 Will this device play High Definition video?

Yes, the maximum HD resolution is 1920x1080.

#### 2.3 Can I add more storage?

Yes, there is a Micro SD card slot on the base of the unit, which supports up to 32GB of additional memory.

#### 2.4 Can I use an external keyboard?

No, but there are applications on APKShare.com which may make on screen typing easier for you.

#### 2.5 Can I run multiple applications at once?

Yes, if you plan on running several applications at the same time we recommend installing a task manager for the unit to run most efficiently.

#### 2.6 Does this device support 3G?

You must use an external 3G USB dongle from your mobile service provider.

## (All information is subject to change without pre-notice.)

1.

#### FCC RF EXPOSURE INFORMATION:

#### WARNING!! Read this information before using your phone

In August 1986 the Federal Communications Commission (FCC) of the United States with its action in Report and Outer FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

#### **BODY-WORN OPERATION:**

This device was tested for typical body-worn operations with the back of the phone kept 0.5cm from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.5cm must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories containing metallic components shall not be used. Body-worn accessories that cannot maintain 0.5cm separation distance between the user's body and the back of the phone, and have not been tested for typical body-worn operations may not comply with FCC RF exposure limits and should be avoided.

For more information about RF exposure, please visit the FCC website at www.fcc.gov

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

<ANSIC95.1> (1992) / <NCRP Report 86> (1986) / <ICIMIRP> (1996)

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C95.1). Nevertheless, we recommend that you use a hands-free kit with your phone (such as an earpiece or headset) to avoid potential exposure to RF energy. The design of your phone complies with the FCC guidelines (and those standards).

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

#### NORMAL POSITION:

Hold the phone as you would any other telephone with the antenna pointed up and over your shoulder.

#### TIPS ON EFFICIENT OPERATION:

For your phone to operate most efficiently:

• Extend your antenna fully.

• Do not touch the antenna unnecessarily when the phone is in use. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

#### **RF** Exposure Information:

This product is compliance to FCC RF Exposure requirements and refer to FCC website search for FCC ID: BRCPC7080ME to gain further information include SAR Values.

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications 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

Do not use the device with the environment which below minimum -10  $^\circ\!C$  or over maximum 50  $^\circ\!C$  , the device may not work.

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

Ad Hoc function is supported but not able to operate on non-US frequencies.