Directions

Meanings of icons:

Forbidding: forbid improper operations to avoid damaging the MP7 Module.

Caution: cautions for operators to avoid potential damages. Please note and remember.

Importance: important information, common notes, definitions, general knowledge and references, etc.

Content

Safety Precautions

1. DO NOT press or touch the LCD Screen. DO NOT place the MP7 Module with small items, they may scratch LCD Screen or enter the MP7 Module.
2. DO NOT expose the MP7 Module to dirty or dusty environment. Keep the environment clean and dry.
3. DO NOT place the MP7 Module on uneven or unstable work surface.
4. DO NOT place or drop objects on the top of the MP7 Module. DO NOT shove any foreign objects into the MP7 Module. DO NOT cover the LCD Screen strongly.
5. DO NOT expose the MP7 Module to strong magnetic or electrical fields; DO NOT place the floppy disk near or on the MP7 Module, that may loss the data of the floppy disk.
6. DO NOT leave the MP7 Module facing the sun as it can damage the LCD Screen, especially in the car.
7. SAFE TEMP: This MP7 Module should only be used in environments with ambient temperatures between 5℃(41℉) and 35℃(95℉).
8. DO NOT expose the MP7 Module to or use near liquids, rain, or moisture.
9. Caution: risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
10. DO NOT throw the MP7 Module in municipal waste. Check local regulations for disposal of electronic products. Please recycle the Battery Pack, and check with your Local Authority or retailer for recycling advice.
11. The MP7 Module and the Adapter may occur some heat during operating or charging. DO NOT leave the MP7 Module on your lap or any part of the body in order to prevent discomfort or injury from heat exposure.
12. INPUT RATING: Refer to the rating label on the MP7 Module and be sure that the Power Adapter complies with the rating. Only use attachments or accessories specified by the manufacturer.
13. Checking the connections between the main unit and attachments before turning on the MP7 Module.
14. DO NOT use the MP7 Module during eating food avoid dirtying the MP7 Module.
15. DO NOT insert anything into the MP7 Module that may result in short circuit or damage the circuit.
16. Powering off the MP7 Module, if you want install or remove some external devices, which are not support hot-plug.
17. Disconnect the MP7 Module from the electrical outlet and remove any installed batteries before cleaning. And Keep it away from children.
18. DO NOT disassemble the MP7 Module, only a certified service technician should perform repairs on your computer. Otherwise, problem may result and the manufacturer should not hold responsibility for the damage.
19. Only use Battery Packs approved by the manufacturer or else damage may occur.
20. The MP7 Module has some little metal flake to disperse heat. DO NOT place the MP7 Module on soft objects (e.g.: bed, sofa, your lap), or else the MP7 Module may become hot and halt the system operating.

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with limits for 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 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 on the affected receiver.
- Increase the separation between this device and the receiver. Connect this device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

CAUTION: To comply with the limits of the Class B digital device, pursuant of Part 15 of the FC Rules, this device is comply with Class B limits. All peripherals must be shielded and grounded. Operation with non-certified peripherals or non-shileded cables may result in interference to radio or reception.

MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.
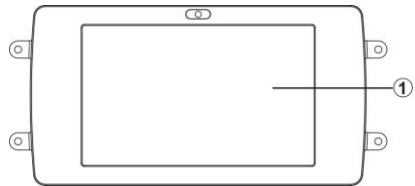
1 Knowing Your MP7 Module

1-1 Top View
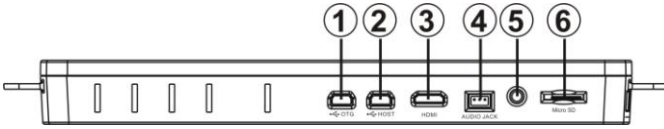
1. **Mini-USB OTG Port**
2. **Mini-USB HOST Port**
3. **Mini-HDMI Output Port (reserve)**

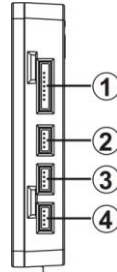4. **Audio Jack (reserve)**
5. **Earphone Port**
6. **Micro SD Port**
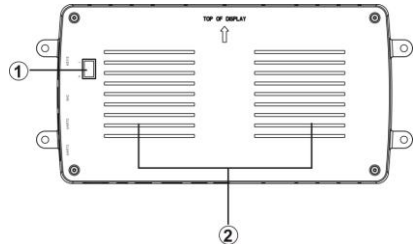
1-2 Front View

1. **LCD Touch-sensitive Screen**

1-3 Left View

1. **Keys**
2. **Micorphone Port**
3. **UART 0**
4. **UART 3**

1-4 Rear View

1. **Power Jack**
2. **Ventilation slots and cooling fan**

2 Caring the MP7 Module

The MP7 Module is a precision device; the error operation may damage the device.

2-1 LCD Screen

LCD Screen is the most delicate component of the MP7 Module and comprised of thin glass. It may be broken up by external abrupt force. DO NOT scratch the cover of the MP7 Module, or the scrape on the cover cannot remove.

- ✧ DO NOT cover the LCD Screen strongly, or else damage may occur.
- ✧ DO NOT place objects on the keyboard to avoid damaging the screen and keyboard when you cover the LCD Screen.
- ✧ Place the MP7 Module in carrying case to protect it from dirt, water, shock and scratches before traveling.
- ✧ DO NOT drop or place heavy objects on the LCD Screen.
- ✧ DO NOT scratch the LCD Screen with your fingernails or any hard objects.
- ✧ Use a soft and lint-free cloth to wipe your MP7 Module and wipe it gently in order to avoid damaging the LCD Screen.
- ✧ Shut down the LCD Screen, if the MP7 Module will not be used for a long time.
- ✧ DO NOT clean the LCD Screen with chemical cleaners.
- ✧ The LCD Screen DOES NOT come into contact with hard objects (E.g.: cloth button, watchband).
- ✧ Use a soft and lint-free dry cloth to wipe the LCD Screen smoothly. DO NOT use your hand to wipe the LCD Screen directly.
- ✧ DO NOT spill liquid into the MP7 Module as it can damage the components of the MP7 Module.
- ✧ Cover the LCD Screen smoothly in order to avoid moving the hinges and flashing the LCD Screen.

DO NOT clean the Touch Pad with acidic cleaner or spray cleaning solution directly on the MP7 Module.

2-2 Other accessories

Following the below steps before cleaning your MP7 Module and the accessories.

1. Turn off the MP7 Module. Disconnect your MP7 Module and all external devices from their electrical outlets.
2. Use the little dust collector to pump the dust from the slot of plug or keyboard.
3. Moisten a soft, lint-free cloth with water and wipe the surface of the MP7 Module smoothly. DO NOT seep liquid into the MP7 Module in order to avoid shorting of circuit and the damage of the MP7 Module.
4. Turn on the MP7 Module after drying it.

2-3 If the water comes into the MP7 Module

✧ DO NOT turn on the MP7 Module immediately.

✧ Disconnect the outlet cable and detach the Battery Pack in order to turn off the MP7 Module, instead of pressing the POWER button to turn off it. Disconnect all external devices.

✧ Spill out the water from the MP7 Module. Use a soft and waterish paper or cloth to wipe the surface of the MP7 Module lightly.

✧ Use the fanner to dry the MP7 Module and the accessories, and then send it to the service center for advice.

✧ DO NOT use hair drier to dry the MP7 Module, or the high temperature may distort it.

✧ DO NOT place the MP7 Module into the dirty carrying case again.

2-4 Other Notes

✧ DO NOT expose the MP7 Module in hot environment for a long time, especially in the car. Or the parts of the MP7 Module will be metamorphic.

✧ Keep the data for future possible use termly.

✧ Renew the hardware or software termly in order to keep the MP7 Module compatible and steady.

3 Traveling with the MP7 Module

Turn off the MP7 Module and disconnect all lines before moving it. Following the below steps, if you want to travel with your MP7 Module.

Attention

1. Turn off the MP7 Module and disconnect from the wall outlets.
2. Shut down the LCD Screen completely and smoothly.
3. Disconnect the AC lines.
4. Disconnect all lines.
5. Place the MP7 Module in carrying case to protect it from dirt, water, shock and scratches before traveling.
6. Check that you have taken the AC Adapter, power lines, manual and warranty card. DO NOT forget the passwords of the MP7 Module and HDD.
7. Find out the voltage type in the countries you will visit. Your MP7 Module comes with a universal AC-DC adapter, so you only need to buy the different power cords to connect the different outlets or the hotel may provide universal outlets to support your power cord as well as voltages.

If you drive your car with the MP7 Module, DO NOT leave the MP7 Module facing the sun. Place it in the shady and cool area.

Set the MP7 Module into the Standby mode or Hibernation mode, before moving it.

The connection between Internet and your MP7 Module will be interrupted when the system enter the hibernation mode.

4 Turning on the MP7 Module

After receiving POWER signal，the MP7 Module will be turned on.

5 Get to know your system

The first time you turn on the MP7 Module, you need to unlock by dragging the lock icon towards the top-corner of screen and enter the Home Screen, (需要解锁吗？)which makes it easy for you to access frequently used functions. Click the **Direction Icon** ▮ to enter the main menu and press **BACK** on the rear panel to return:

Home Screen

Icon Functions

📶 : Wifi service;

📶 : Mobile network;

🔋 : Battery capacity(shows green while

the charge is full and red during being charged).

00:04 : System time;

🔌 : Min-USB Connection;

Touch at any blank position of the screen for long to popup the shortcut window as below; or click the desired item for long to delete.

Click any item and enter its submenu to add the related shortcut icon on the Home Screen.

Shortcuts: choose any application,kinds of Bookmark, music in playlist and items in settings and add it to Home Screen;

Widgets: add any spare part to Home Screen;

Folders: create folder shortcut;

Wallpapers: choose the desired picture in SD card to change the current wallpaper.

Main Menu

Alarm Clock: Set the alarm function and the alarm time;

Browser: Surf the Internet for information and entainment;

Calculator: Perform basic calculation;

Calendar: View and set the local date and time;

Email: Keep in touch via email from this easy-to-use email client;

Gallery: View and manage your photos and video files;

Media player: Enjoy the audio files;

Music: Play the music files and entainment;

Settings: Have settings for system;

SlideME App Installer: Installs applications from SD card or download the application directly to the device;

Spare Parts: Look and configurate settings about spare parts.
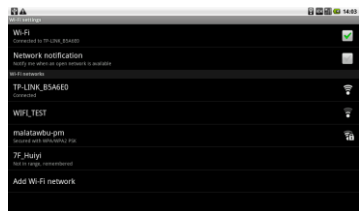
6 For system security
Settings

- **Wireless & networkings**

1. Wi-Fi

Turn on the Wifi switch and choose one available network in the list after auto-searched; click "Connect" and the system will auto connect in "Wi-Fi settings".

Some networks may require a password, which you should enter according to the prompted information on screen.
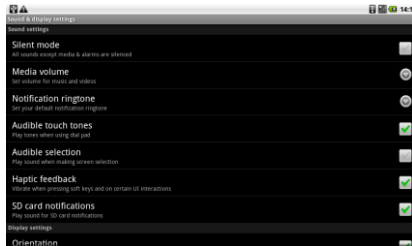
If you need to set a new wireless network connection, please click "Add Wi-Fi network" to input as indication.

2. VPN settings

To connect the newework with file encrypted method to ensure the security.

- **Sound & display**

 Silent mode: to make all sounds except media & alarms are silenced.
Orientation: turn on the function to switch the proentation automatically while rotating the MP7 Module.
Animation: to show the windows with animation or not.
Screen timeout: to select the time amount to turn off the screen automatically.

The screen will auto access the standby mde while there is no operation in fixed seconds.

- **Location & security:** To set the password for the system to login.
- **Application:** To view and do more operation about the local application.
- **Accounts & sync:** to manage the users accounts and sync the data automatically.
- **Privacy:** to resume to the factory status.
- **SD card:** to check the space of Micro SD card, format and safely remove.
- **Search:** Web or other items search.
- **Language & Keyboard:** to select the location and the corresponding language displays on screen; select input method for the on-screen keyboard' add or remove the user dictionary.
- **Accessibility:** to look at what other accessibility in the system or add some.

- **Text-to-speech:** to playback the text in spoken voice.
- **Date & time:** the option is about the current system date&time setting.
- **About device:** the detailed information about the local device.
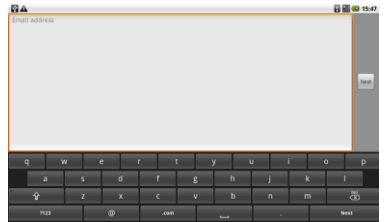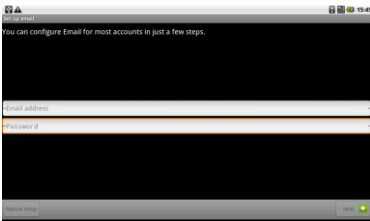
7 Communication

➤ Browser

After the network connection completed, click **Browser** icon to access the network browsing; or click ★ **Bookmarks icon** to enter the website browsing directly.
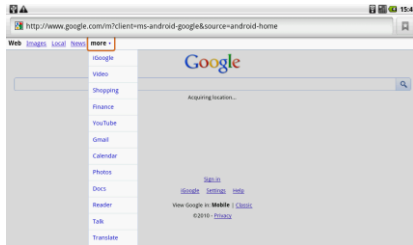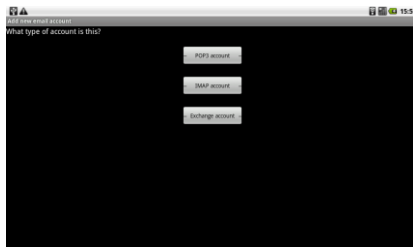

➤ Email

Setup an account

1. Using the on-screen keyboard to type the available email address and email password and click **Next** :
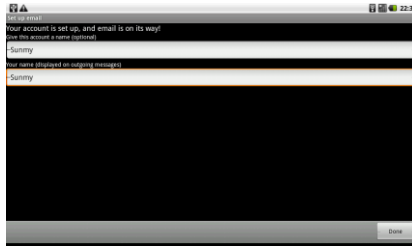

2. Select the incoming server type, e.g: POP3:

3. Check the account information again and click **Next** to start connection:
Note: ensure that you have input the correct incoming and outgoing server name.

Set an account to access IMP webmail:
1. Using the on-screen keyboard to type the email address and email password and click **Next**;
2. Select the incoming server type, e.g: IMP(IMP Webmail);
3. Check the input accout information again and click **Next** to start connection.

Set an account to access Miscrosoft Exchange webmail:
1. Using the on-screen keyboard to type the email address and email password and click **Next**;
2. Select the incoming server type, e.g: Exchange(Miscrosoft Exchange);
3. Check the input accout information again and click Next to start connection.

8 Fun

➢ **Music**

Choose any song as the clssification to start playback; click ◄◄/►► to play the previous/next track; click ❙❙ once to pause and click it again to resume the playback.

▤ the current playing music list;

⤬ play the selected music randomly;

⟳ repeat the playback among the following modes: *repeat the current*

song---repeat all songs---repeat off.
Or press **MENU** button to popup sub-menu during playback:
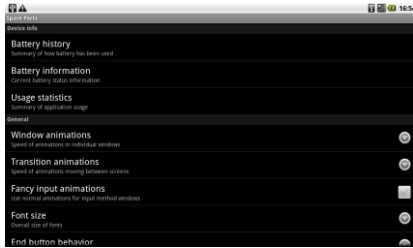Library: displays the local music library ;
Party Shuffle: play the music in SD card randomly;
Add to playlist: select the current playback song to the playlist;

9 Spare Parts

Spare Parts is an application that shows you the missing settings not in the standard
Settings.

Usage statistics: show the running applications in the system as the sort-out.

Window animations: set the desired item to
control the animation speed of window.
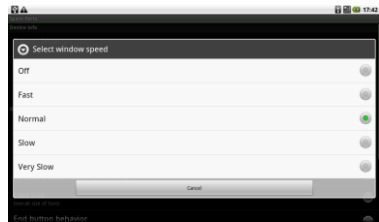
Transition animations: control the refresh rate on the system and it can speed up the
system.

Font size: change system font size as necessary.

End button behavior: Change the function of the end button as you like.

10 Appendix

10-1 Troubleshooting

Q1：How to turn off the MP7 Module when the halted system cannot warm boot?

A：Press the POWER button and hold 4 or 6 seconds to turn off the MP7 Module.

Q2：How to check the MP7 Module if the MP7 Module cannot be turned on?

A：

1. Make sure the indicator of the adapter turns on and the adapter works well.
2. Remove other external device.

Q3：If the water come into the MP7 Module

A：

1. DO NOT turn on the MP7 Module.
2. Disconnect the outlet cable in order to turn off the MP7 Module, instead of pressing the POWER button to turn off it. Disconnect all external devices.
3. Spill out the water from the MP7 Module. Use a soft and waterish paper or cloth to wipe the surface of the MP7 Module lightly.
4. Use the fanner to dry the MP7 Module and the accessories, and then send to the service center for advice.
5. DO NOT place the MP7 Module into the dirty carrying case to again.

Q4：Why the system cannot be recover?

A：

1. Damage from External memory or built-in memory: If the data are saved to an error memory address, the data cannot restore.
2. Incompatible external device: The system may enter the standby mode and cannot resume, when the incompatible external device is connected to the MP7 Module.
3. Error from drive program or application program: The system may refuse to operate some files (file formats: .dll, .sys, .exe and so on.) and enter the standby mode or hibernate mode. If the incompatible application program will be refused by the operating system, the system may fail to recover.

Q5：How to check the system which cannot recover?

A：

1. Remove the external devices and their device program.
2. Refresh the appropriate program.
3. Remove the error application program.
4. Send back the MP7 Module for checking.

10-2 Specifications

Main Feature	
CPU	S5PV210
CPU Power Consumption	TBD
L1 Cache Size	32/32 KB I/D Cache
L2 Cache Size	512 KB L2 Cache
Memory (#)	512M DDR2
Storage	
MD Capacities (#)	512M SLC +4G iNAND
TFT Screen	
TFT Screen Size	7"
Screen Type	LED Touch-sensitive
Description	800X480
Video/Audio Feature	
Sound Card Type	HD Codec
Condition	
Operating Temperature	5-35℃
Operating Humidity	35%-85%
Storage Temperature	-20-55℃
Storage Humidity	20%-93%

Power	
Adapter	AC 100~240V; DC 12V
Output Power (maximum)	≤24W
Port Standard	
LAN	IEEE802.11b/g/n
Audio Port	Headphone Port, Microphone Port
Mini-USB Port	Two Ports：One is mini USB HOST，the other is mini USB OTG
Micro SD Card Port	Support Micro-SD Card
Physical Features	
Weight	TBD
Dimension	256X206X26mm

Design and specifications are subject to change without notice. The # symbol means that the item is optional.