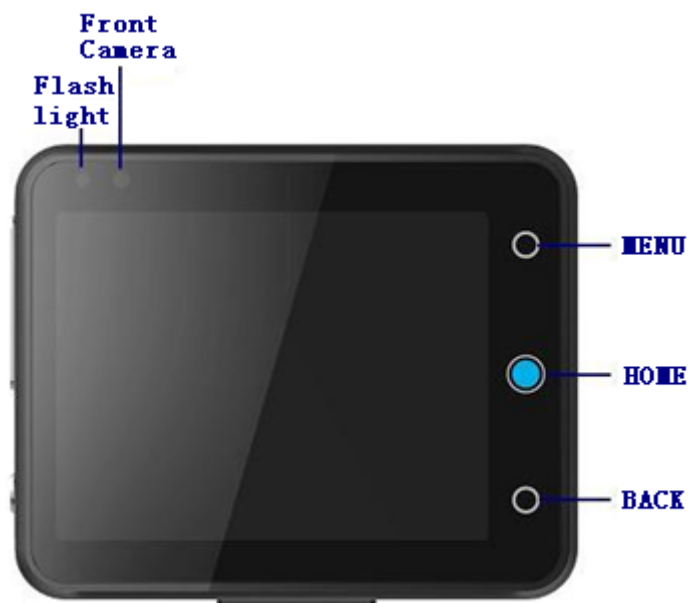# Neptune pine User Manual

FCC ID: 2ABWUP312

February, 2014

1.Neptune pine Introduction
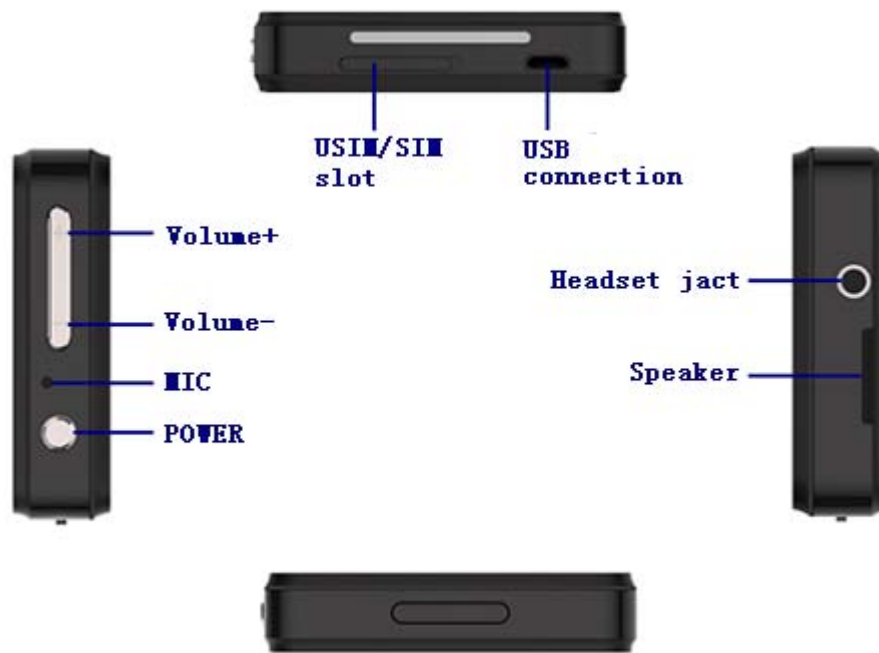
1.1 Neptune pine layout

Front
Camera

Flash
light

MENU

HOME

BACK

Neptune pine Front View

Back Camera

Flashlight

neptune

Neptune pine Back View

USIM/SIM slot   USB connection

Volume+

Volume-

MIC

POWER

Headset jact

Speaker

Neptune pine Side View

1.2 Status icon and indicator

Status icon and indicator at the top of the screen status bar can display status information and notifications.

Icon	Descriptions	Icon	Descriptions
	WIFI		Signal intensity
	Bluetooth		Airplane mode
	USB connection		Network access restricted
	Missed call		USB Debugging
	New message		Battery charging
	Silent mode		Full Charge
	Vibration mode		3 G

Note

Taken the device software upgrade continuously, state indicator may not consistent with the device show, please refer to our actual.

2.Get Started

2.1 Charge the battery

Two way can be used to charge for Neptune pine ：

1.Charge by charger for Neptune pine

2.Connected to PC by USB cable , charge Neptune pine.

When the battery is low, Neptune pine display warning information;At low power, Neptune pine will automatically power off.

2.2 Power on/Off

Before charging for Neptune pine，make sure SIM card and full charged battery installed.

1,Power On:Hold the power key until the boot screen appears to power on the phone. When the leading bar is finished,the phone will enter the Android operating system.Please keep waiting before the device initialize is completed.

2.Power Off:Hold the power key until shutdown options pop-up，choose shutdown to close device.

2.3 Lock and unlock the screen

2.3.1 Device lock

Short press power key, locking device. If you do nothing on the device within the time by system default or pre-set lock screen time, the device will automatically lock.

2.3.2 Device unlock

Short press power key, on the home screen with your fingers slide to unlock.

3.Basic Function

3.1 Main screen and main menu

3.2 Settings and program installation

3.2.1 Date and time Settings

Date and time of Neptune pine can change as you need.
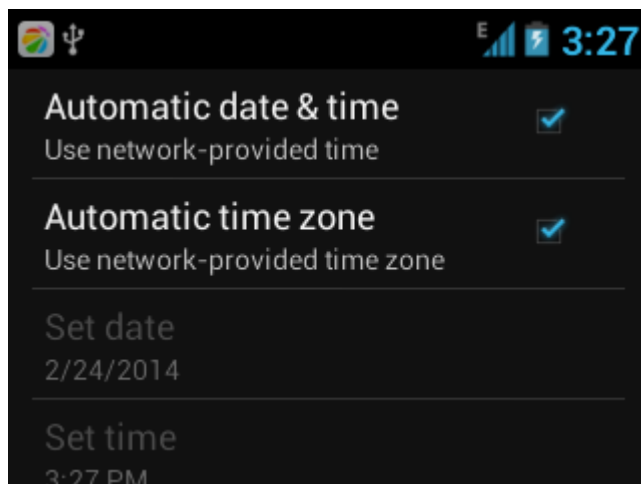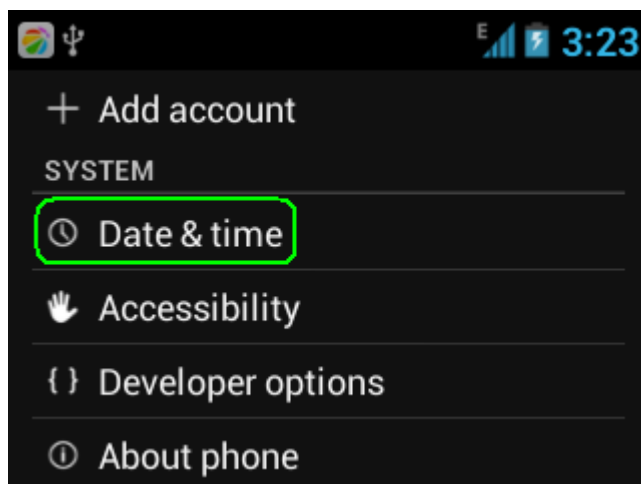
3.2.2 Language and input method
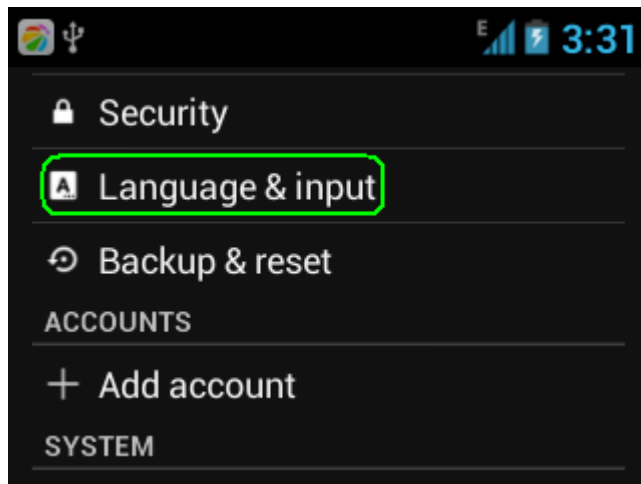
"Settings" - > select "Language & Input ", in the list, select wish to switch languages- > select the default in the list, select want to switch input method

3.2.3 Display Settings
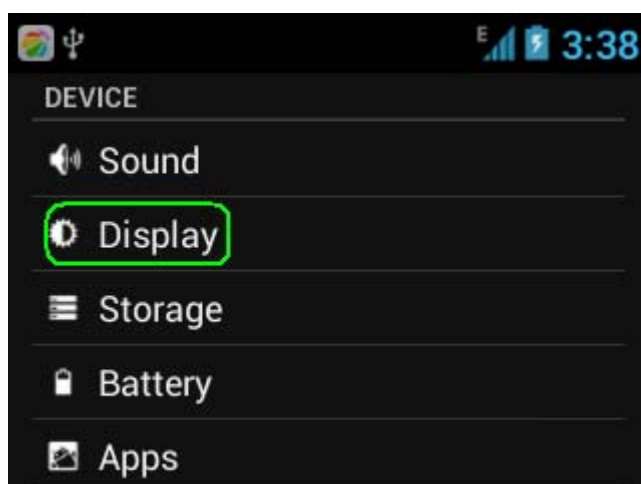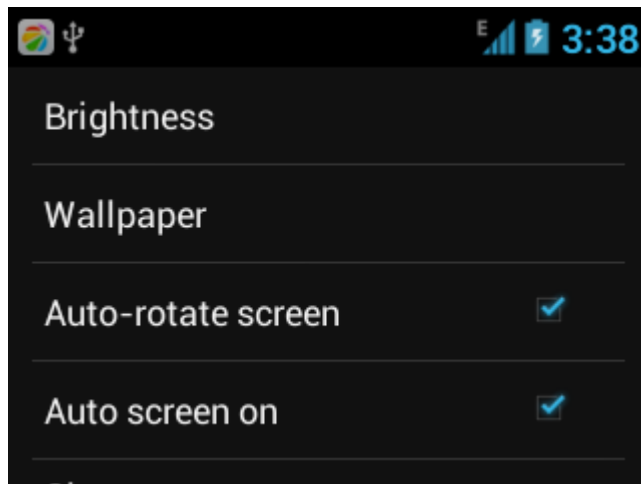
Find the icon -> Settings - > Display- > show- > brightness/wallpaper/automatic rotary screen/bright screen/dormancy

3.2.4 Security Settings
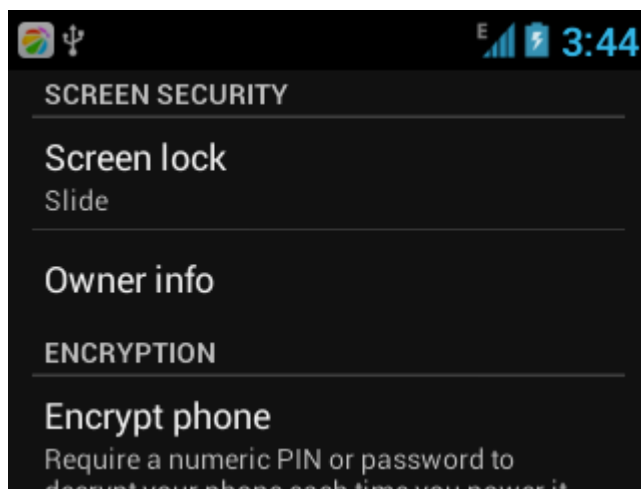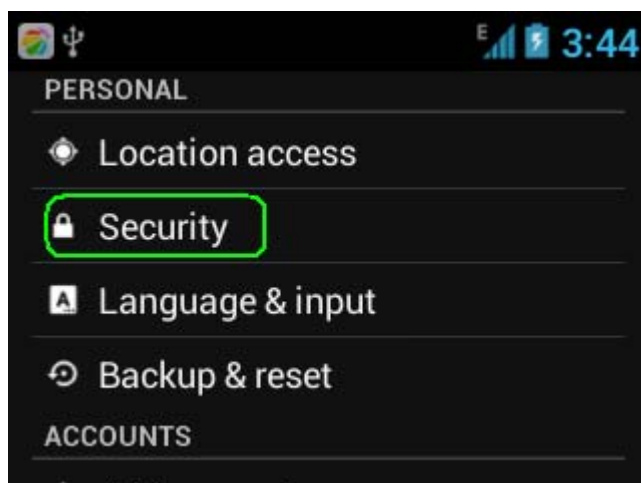
Find the icon - > Security

3.2.5 Backup and Reset

 > Settings - > backup & reset - > restore factory Settings
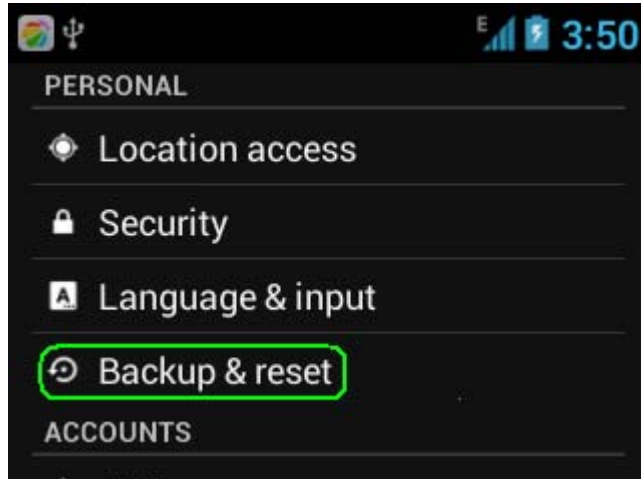
★ Note

Following data will be erased:

Account

Data and Settings of system and applications

Downloads

Following data will be remained：

Current system software and binding application files in the SD card, such as music or photos

3.2.6 Ring set
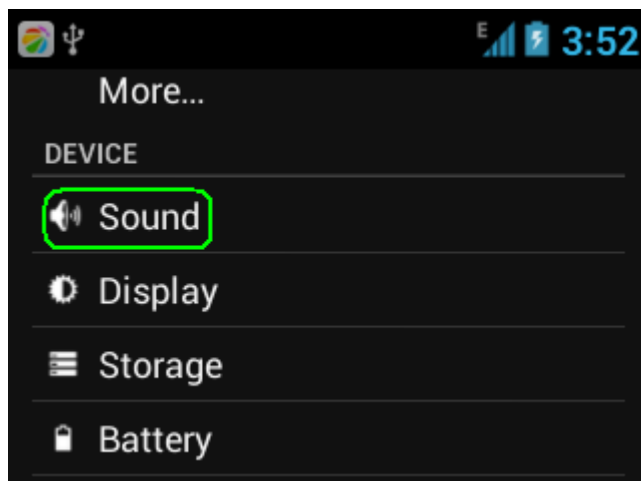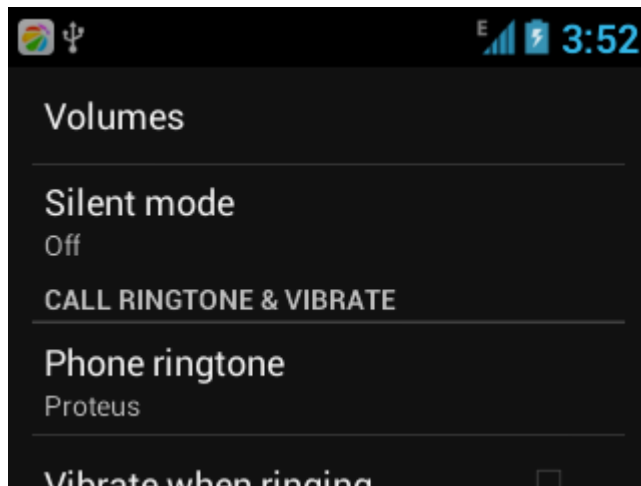
Settings ->Sound：silent mode, vibration mode and normal mode - > set the volume and rings

3.2.7 Applications management

Users can be set into the open management application menu, enter the application management interface, you can view files downloaded, the application running state of options in the SD card, you can click on the program, open the application information interface, forced to stop the software and uninstall and stop using the corresponding operation.
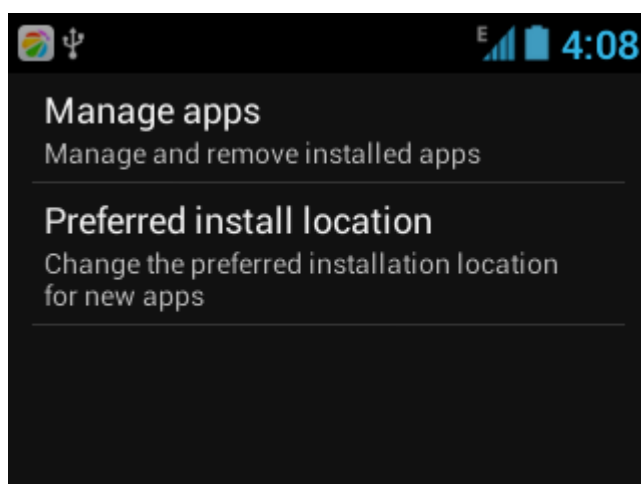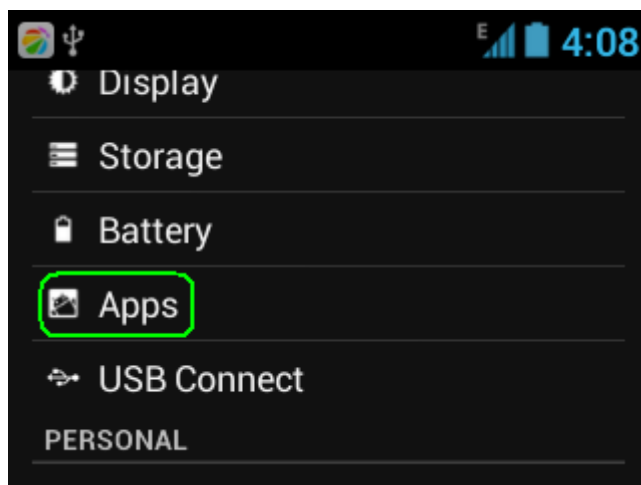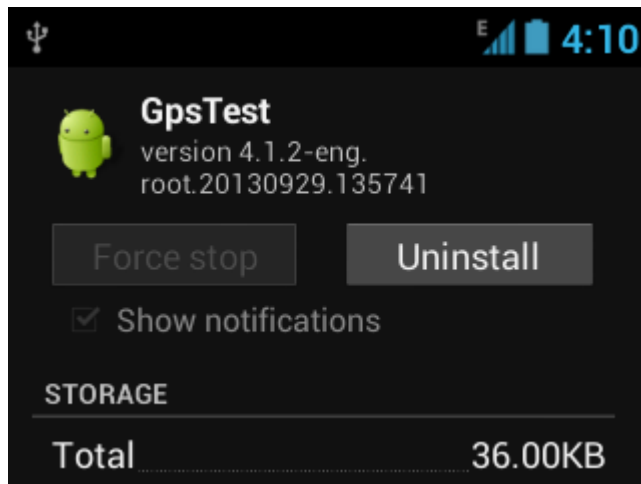
 Settings - > applications - > applications management

3.3 Phone functions

3.3.1 Dial
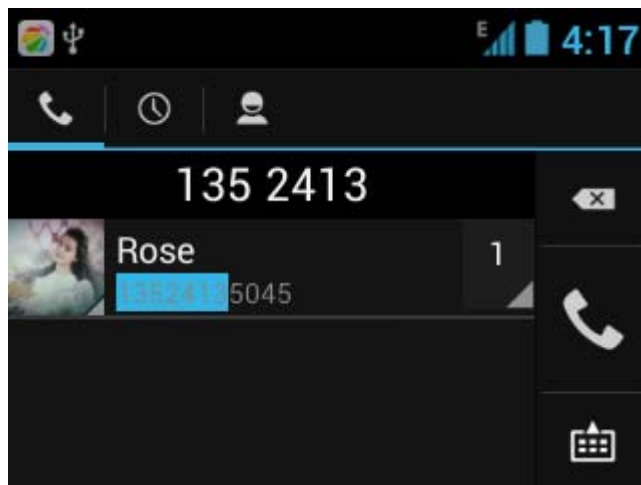
- > input number, dial
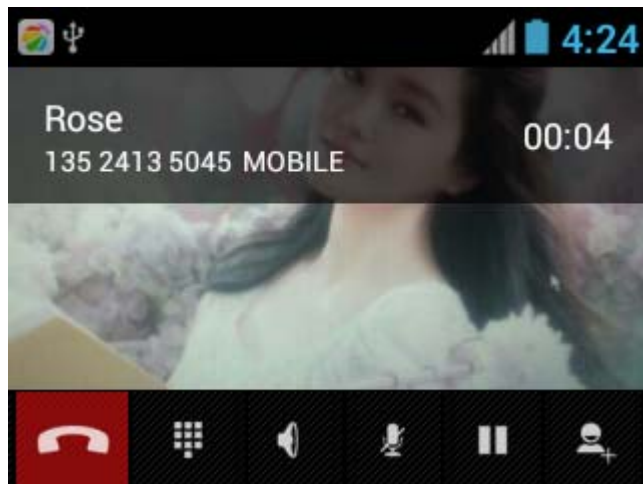
-> Incoming call
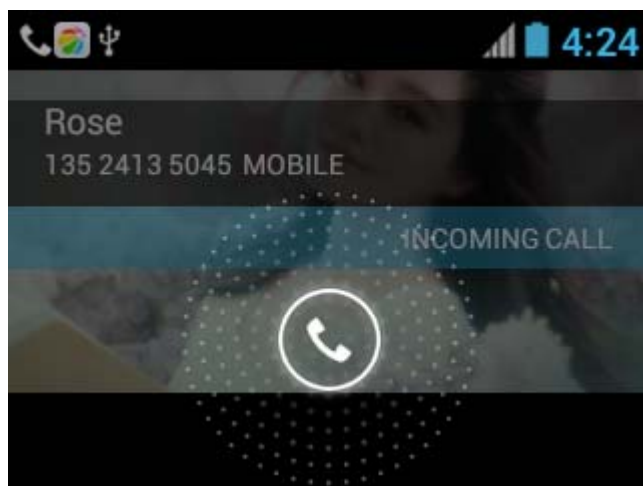
- > It is on the phone

3.3.2 Contacts

-> Contacts
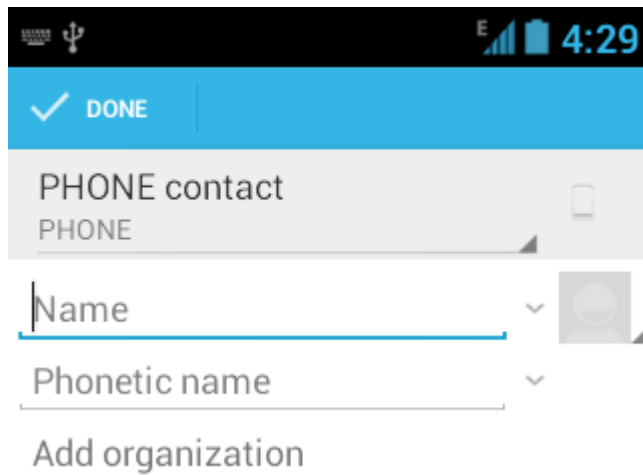
-> New contact

3.3.3 SMS and MMS

- > new text messages (SMS) - > click on
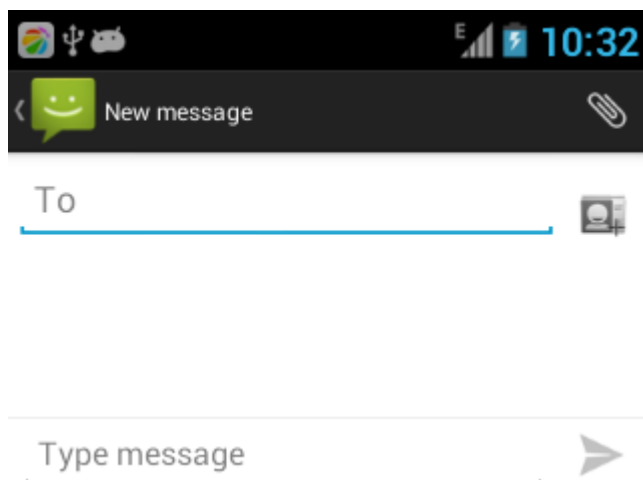
- > the contact search interface, select the contacts and add it to the addressee, please use commas between multiple contacts.

3.3.4 Email

E-mail can send or receive information.
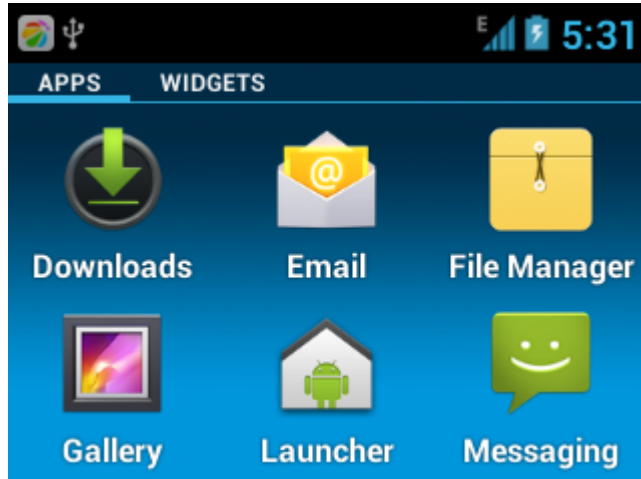
★ **Notes**

Before create the account in the Neptune pine , you must set the email account on the computer.QQ
mailbox, for example,click the setting on the top right corner of mailbox,entering into account options ,
check and save server option and collect mail option to finish email accounts server setup.

 > Create email accounts

Find the icon: - > email

1. Enter email address and password, click next, began to connect email account;

2. Set the email check frequency, then enter into the next step;

3. Set up account name , click next,   entering into email checking interface.

Delete account

1. On the email interface, press menu key to open the menu, click Settings;

2. Click to delete email account, open the Settings interface;

3. Find the delete account options, click delete account, E-mail account will be deleted from the Neptune
pine.

3.4 Network and Connection synchronization

3.4.1 3G data connection

● On the home page interface ,click > Settings > wireless and network interface.

● Click on the mobile network, enter the mobile network Settings.

● Enable mobile data checked can begin to connect the login.After the success of the login, mobile

phone status bar that there will be a 3 g network connection icon (⬛), then you can on the normal use of mobile phones and the Internet related applications.

- Data roaming checked later, when the phone is in a state of roaming can also on the normal use of mobile phones and the Internet related applications.
- Access point name : WAP,NET and other Internet connection can be set and switch, additionally APN can be created through menu key.
- Network operators: web search and automatically selective network can be operated.

3.4.2 WiFi network connection

Find the icon:
- > Settings - > wireless and network - > wi-fi
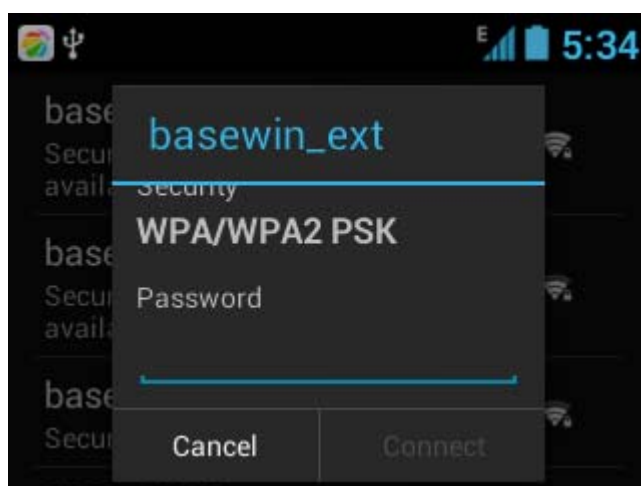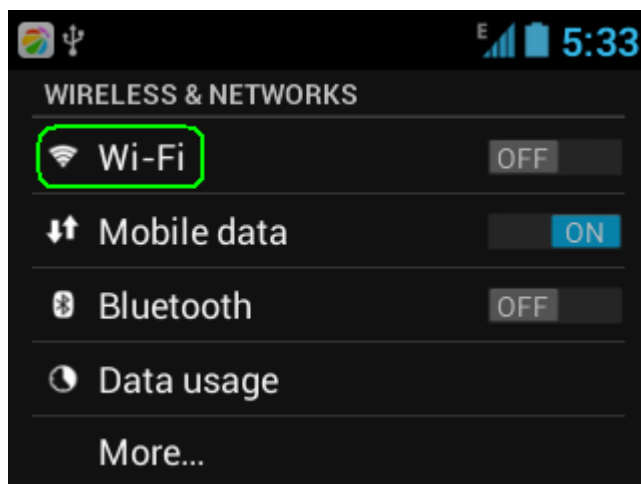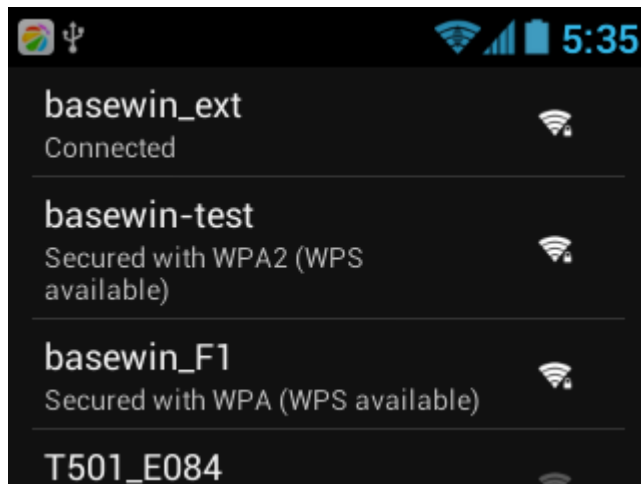
-> Find wifi -> select wifi hotspot, enter wifi password -> wifi connection success

3.4.3 Bluetooth

Turn on the Bluetooth function in the device, establish a wireless connection and exchange information
with other Bluetooth compatible devices (such as computers, cell phones). Without solid
obstacles ,Bluetooth connection will be better.

Find the icon:

-> Settings -> Wireless & networks -> Bluetooth
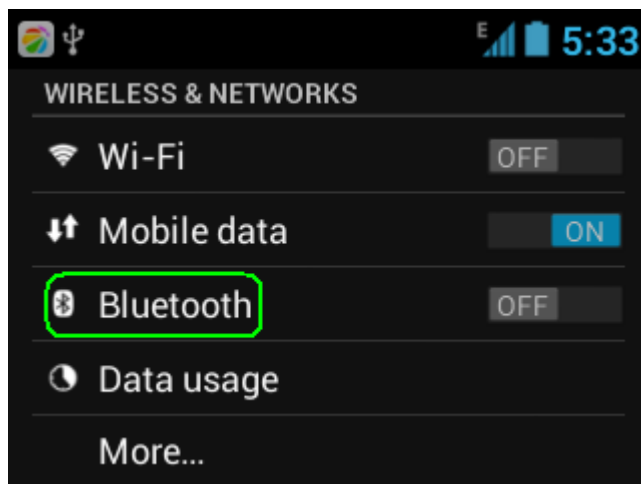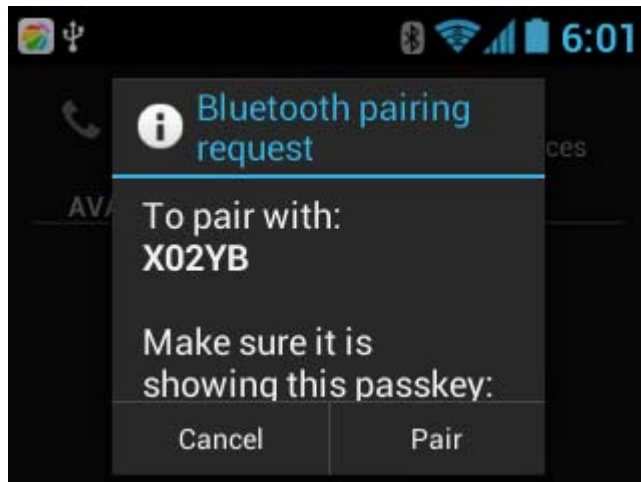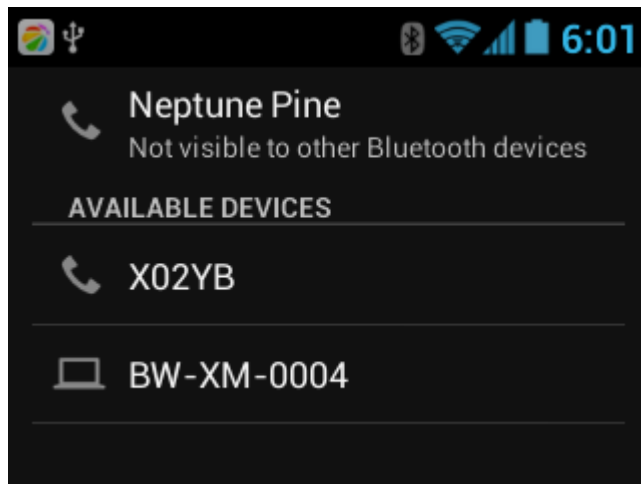
-> Select Bluetooth -> Find suitable Bluetooth devices -> Bluetooth pairing

★ Note

Make sure the device that will connect with Neptune pine Bluetooth function activated and Bluetooth visibility turned on. During the connection process, set the pairing PIN code, the machine does not support the connection without a password.

3.4.4 GPS

Neptune pine,equipped with high-performance navigation chip, can quickly obtain accurate positioning information,download the navigation software to operate and view the positioning information. When the phone is running low, the GPS positioning function will be banned open in order to protect phone system data loss from powering down.

Enable GPS satellites Settings

1 On the Home screen, click> Settings> Location Services.

2 Select the GPS satellites to turn GPS satellite positioning.
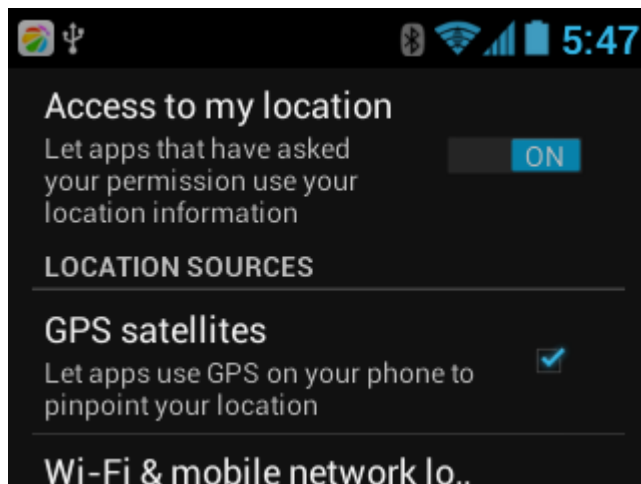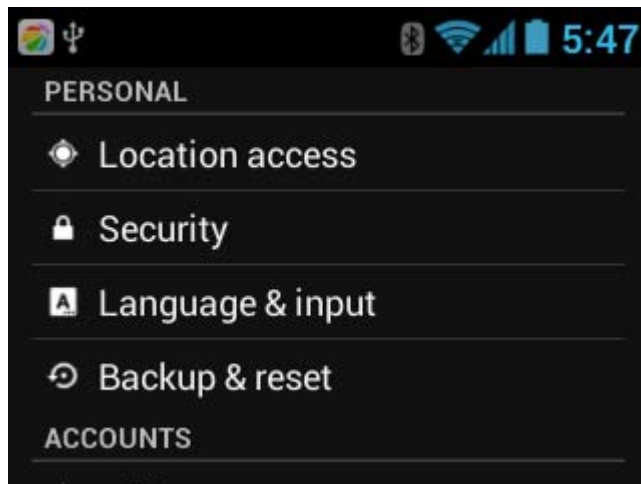
3.4.5 USB connected to the computer

Inserted in USB cable to connect your computer ,you can easily transfer and process pictures, videos, music and other files between memory cards and computer equipment . After opening a USB storage device, the device will not be able to use some applications, such as cameras, music players and so on. 1 Connect the USB data cable to connect the device to the computer's USB port;

2 Device status bar will display the USB connection icon , sliding down the status bar, you can see the USB connection status and select USB connection mode.

3.5 multimedia

3.5.1 track of camera Taking pictures

1. The interface on the front page, click on the > camera.

2. The camera on your subject.

3. Click on the photograph.

3.5.2   video

Filming

1 In the Home screen, click > cameras.

2 camera at your subject.

3 Click to start filming.

4 Click again to stop filming.

3.5.3 multimedia files management

View Photos

1 On the Home screen tap > Gallery.

2 Click on the picture you want to watch.

3 horizontal sliding around a touch screen, you can switch to the previous or next picture.

4 If you want the slideshow, click on the slideshow.

5 If you want to share or edit the image, click on the menu to select the appropriate option.
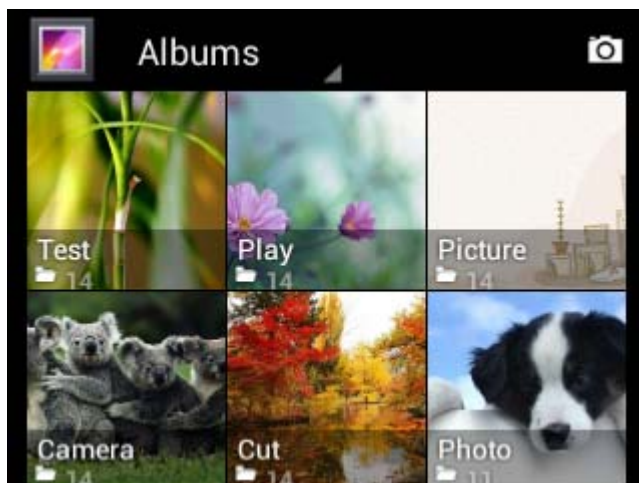
Play video clips

1 On the Home screen tap > Gallery.

2 Click the video you want to watch a movie.

3.5.4 Music Player

Open the music player

1 In the Home screen, click > Music.

2 Select the songs you want to play.

3 Press a song, select Use as phone ringtone, the song will be loaded into the ringtones library and use as default ringtone.
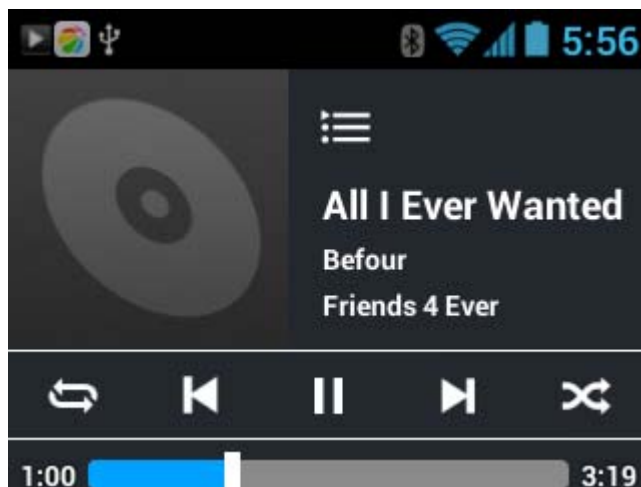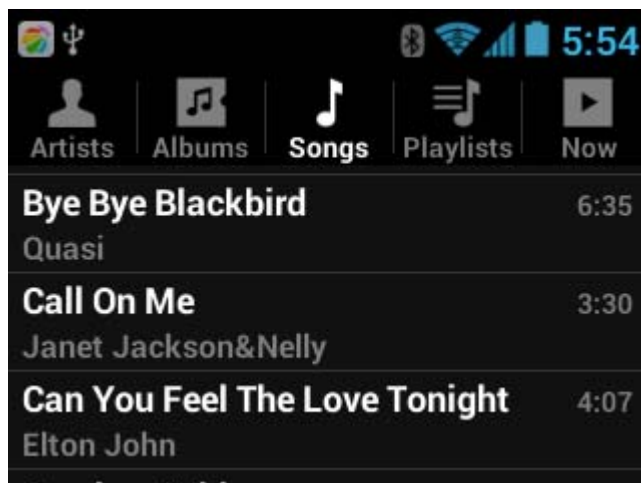
3.5.5 Recorder

Use recorder

1 In the Home screen, click > Recorder.

2 Click to start recording.

3 Click to ☐ stop recording.

4 Click Use this recording will be saved just recorded sound files down, click Discard will not save the recording.

5 If you want to play just the audio, click to playback the recording.
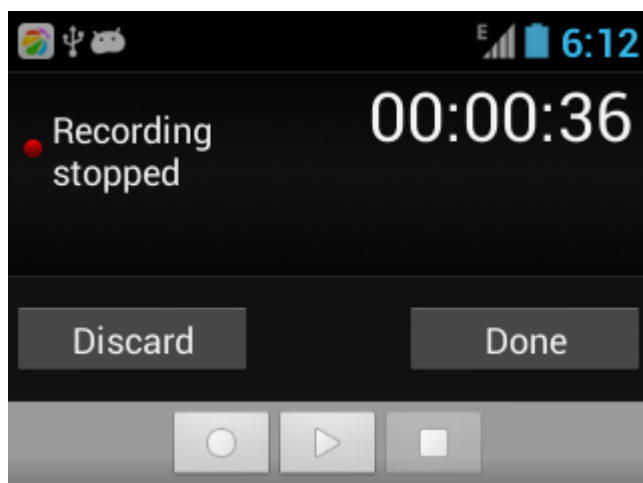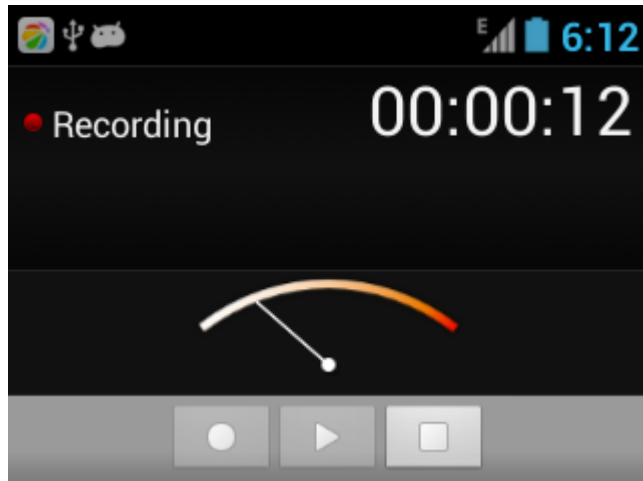
4 Precautions

4.1 Neptune pine Precautions

To ensure the equipment is not faulty when using Neptune pine ,please observe the following tips :

- Keep the device dry . Precipitation, humidity and liquids contain acid that will corrode the electronic circuit boards.
- Do in dusty or dirty place to store or use the device .
- Do not store the device in hot areas , temperatures will shorten the life of electronic devices.
- Do not store the device in cold areas , when the device temperature, moisture can form inside the device and may damage electronic circuit boards .
- Do not attempt to disassemble the equipment , non-professional handling may damage the device.
- Do not use a pen or pencil or other sharp object on the touch screen surface Neptune pine avoid scratching the screen.
- Do not drop, knock, or strong collision device , Rough handling can break equipment parts may cause the device to malfunction.
- Do not use harsh chemicals, cleaning equipment or strong detergents. If the device becomes dirty , use a soft cloth moistened with a diluted solution of glass cleaner to clean the surface.
- Use protective film to minimize wear. Screen protectors enhance the touch screen usability and durability.

Battery Safety Guidelines

- Device charging area must be clear of debris and combustible materials or chemicals.
- When mobile device battery charging, battery and charger temperatures must be between (0 ℃ ~ 40 ℃) between.
- Do not use incompatible batteries and chargers, use an incompatible battery or charger may result in fire, explosion, leakage, or other dangerous occurrence.
- Do not open, crush, bend, puncture, or shred.
- Do not short circuit the battery, or the use of metal or other conductive objects to contact the battery terminals.
- Do not insert foreign objects in the battery, the battery contact with water or other liquids, expose batteries to fire, explosion, or other insurance sources.
- Do not place or store the battery in high temperature environments.
- Do not put the battery in a microwave oven or dryer.
- Do not dispose of batteries in fire.
- If a battery leak, do not allow the liquid gets on your skin or eyes, if accidentally gets, please rinse with plenty of water in contact with the site, and immediately seek medical attention.

Clean Neptune pine

- shell: shell cloth using alcohol, including keys and between keys.
- Display: The display can cloth with alcohol, but be careful not to allow the accumulation of fluid around the screen. Immediately wipe the display with a soft, non-woven fabric to prevent streaking on the screen.

4.2 Troubleshooting

Neptune pine common faults

Problem	Reason	Solution
After pressing the power button, Neptune pine not boot	Low battery or Not charging	Charge for Neptune pine battery
	The battery installed is not correct	Properly installed batteries
	System breakdown	Restore factory settings
Rechargeable batteries are no longer charge	Battery failure	Please send replacement battery
	Battery temperature too high/low	Make a battery in normal temperature environment
Touch screen failure	Screen surface electrostatic interference may exist	Simply press the power button to turn off the light the screen, and then light the screen, the screen control may be back to normal
In the process of data communication, not an incomplete data transmission and data transfers	Incorrect communication software installation or configuration	Perform the installation or reinstall synchronization software to update the driver
Click on the button or icon will not activate the corresponding function	The system has no response	Restart the system
No sound	The volume set is too low or closed	Adjust volume
Neptune pine closed	Neptune pine in the inactive state	If the phone inactive, Neptune pine will lock screen
	Depleted Battery	Rechargeable battery
Slow Neptune pine reaction	stored in too many files Neptune pine	Delete useless memos and records.If necessary, please save these records to SD card.
	Too much Neptune pine installed applications	Delete installed applications to restore memory
Standby time is short	Bluetooth/wi-fi/GPS/automatic rotating/data business and other functions have more power consumption	Please keep close when nonuse
	Screen brightness adjustment related to electricity	It is recommended to use automatic brightness adjustment
	The background with the application	Closing without the use of background program can greatly save electricity, also using a key to "clean up" function of security software to shut down

Neptune pine Cable failure

Problem	Reason	Solution
Can't charge	Cable poor contact	Replace the cable
Unable to connect the computer	Cable poor contact	Replace the cable

Neptune pine   BT/WIFI faults

Problem	Reason	Solution
Neptune pine couldn't find any bluetooth devices nearby	With other bluetooth devices distance too far	Moving equipment near other bluetooth devices, only 10 meters apart
	Not open nearby bluetooth devices	Open to find a bluetooth device
	Bluetooth device is not can be found in the pattern	Set the bluetooth device can monitor mode
In trying to connect to blue when trying to connect to bluetooth phone and Neptune pine, bluetooth phone Neptune pine recognition for this pairing Neptune pine teeth before phone and Neptune pine, bluetooth phone this Neptune pine matching Neptune pine identified as before	Bluetooth will remember the last time via bluetooth radio matching Neptune pine's name and address	Manually delete from the phone in the name of the equipment and matching
Bluetooth devices can be found that single can not connect	The machine does not support password-less connection	To the bluetooth device password
Wifi can't connect to AP	Displays "authentication problems"	The password is wrong

FCC Regulations:

● 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: 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.

● Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

● SAR Information

Your device has been designed to comply with applicable safety requirements for exposure to radio waves. These requirements are based on scientific organizations through periodic and thorough evaluation of scientific studies. These guidelines include safety margins designed to assure the safety of all persons, regardless of age and health.

SAR data information for residents in countries/regions that have adopted the SAR limit recommended by the Institute of Electrical and Electronics Engineers (IEEE), which is 1.6 W/kg averaged over 1-gram of tissue and 4.0W/Kg averaged over 10-gram of tissue.

Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands.

The highest SAR value reported to the FCC is 1.411 W/kg for 1-gram SAR and 1.703 W/kg for 10-gram SAR.

This device has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal expect the original wristband. The original wristband is identified as following:
Brand Name: Neptune, Model Number: W312
Use of other accessories may not ensure compliance with FCC RF exposure guidelines.
You should position the device a minimum distant of 10 mm form your head when it function on the wrist using the original wristband.