SP100
User Manual

axess·tel

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Using this manual

Thank you for purchasing this mobile phone. This user manual has been specially designed to guide you through the functions and features of your device.

Read me first

- Please read all safety precautions and this manual carefully before using your device to ensure safe and proper use.
- The descriptions in this manual are based on the default settings of your device.
- Images and screenshots used in this manual are based on the default settings of your device.
- Available features and additional services may vary by software or service provider.

Instructional icons

Before you start, familiarize yourself with the icons you will see in this manual:

▶ Refer to — pages with related information. For example: ▶ p.12 (represents "see page 12")

→ Followed by — the order of options or menus you must select to perform a step. For example: Select **Message** → **New message** (represents **Message**, followed

by **New message**)

[　] Square brackets — device keys. For example: **[Menu]** (represents the Menu key)

Contents

Certification

For the device which tests accordance to EN60950-1:2006, it is mandatory to perform audio tests for EN50332.

This device has been tested to comply with the Sound Pressure Level requirement laid down in the applicable EN50332-1and/or EN50332-2 standards. Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

Warning statement:

A pleine puissance, l'écoute prolongée du baladeur peut endommager l'oreille de l'utilisateur.

Users have to use the connection to USB interfaces with USB 2.0 version or higher.

Caution
Risk of explosion if battery replaced by an incorrect type.
Dispose of used batteries according to the instructions.

Please make sure the temperature for production unit will not be higher than 55 ˚C

The device is tested for typical body worn operation. The minimum distance between the

user and/or any bystander and the radiating structure of the transmitter is 20cm.

Federal Communication Commission Interference Statement

● 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.

● This device 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, 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.

FCC Caution:

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

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

▶ RF Exposure Information (SAR)

This device meets the government's requirements for exposure to radio waves.

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. [*]Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.   Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the device is designed to operate at multiple power levels so as to use only the poser required to reach the network.   In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model device as reported to the FCC when tested for use at the ear is 0.18 W/kg and when worn on the body, as described in this user guide, is 1.17

W/kg (Body-worn measurements differ among device models, depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: **PH7SP100.**

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and be positioned a minimum of 1cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the device at the ear, position the handset a minimum of 1cm from your body when the device is switched on.

Safety and usage information

To prevent injury to yourself and others or damage to your device, read all of the following information before using your device.

Safety warnings

Keep your device away from small children and pets

Keep your device and all accessories out of the reach of small children or animals. Small parts may cause choking or serious injury if swallowed.

Protect your hearing

Excessive exposure to sound at high volumes can cause hearing damage. Always turn the volume down before plugging the earphones into an audio source and use only the minimum volume setting necessary to hear your conversation or music.

Install mobile devices and equipment with caution

Ensure that any mobile devices or related equipment installed in your vehicle and securely mounted. Avoid placing your device and accessories near or in an air bag deployment area. Improperly installed wireless equipment can cause serious injury when air bags inflate rapidly.

Avoid interference with pacemakers

Maintain a minimum of 15cm between mobile devices and pacemakers to avoid potential interference, as recommended by manufactures and the independent research group, Wireless Technology Research. If you have any reason to suspect that your device is interfering with a pacemaker or other medical device, turn off the device immediately and contact the manufactures of the pacemaker or medical device for guidance.

Turn off the device in potentially explosive environments

Do not use your device at refueling points (service stations) or near fuels or chemicals. Turn off your device whenever directed by warning signs or instructions. Your device could cause explosions or fire in and around fuel or chemical storage and transfer areas or blasting areas. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories.

Handle and dispose of batteries and charger with care

- Use only approved batteries and chargers specifically designed for your device. Incompatible batteries and chargers can cause serious injuries or damage to your device.
- Never dispose of batteries or devices in a fire. Follow all local regulations when disposing used batteries or devices.
- Never place batteries or devices on or in heating devices, such as microwave ovens, stoves, or radiators. Batteries may explode when overheated.
- Never crush or puncture the battery. Avoid exposing the battery to high external pressure, which can lead to an internal short circuit and overheating.

Do not use the device if the screen is cracked or broken

Broken glass or acrylic could cause injury to your hand and face. Bring the device to service center to replace the screen. Damage cause by careless handling will void your manufacture's warranty.

Safety precautions

Drive safely at all times

Avoid using your device while driving and obey all regulations that restrict the use of mobile devices while driving. Use hands-free accessories to increase your safety when possible.

Follow all safety warnings and regulations

Comply with any regulations that restrict the use of a mobile device in a certain area.

Turn off the device near medical equipment

Your device can interfere with medical equipment in hospital or health care facilities. Follow all regulations, posed warnings, and directions from medical personnel.

Turn off the device or disable the wireless function when in an aircraft

Your device can cause interference with aircraft equipment. Follow all airline regulations and turn off your device or switch to a mode that disables the wireless functions when directed by airline personnel.

Handle your device carefully and sensibly

* Do not disassemble your device due to a risk of electric shock.
* Do not allow your device to get wet-liquids can cause serious damage and will change the color of the label that indicates water damage inside the device. Do not handle your device with wet hands. Water damage to your device can void your manufacturer's warranty.
* Avoid using or storing your device in dusty, dirty areas to prevent damage to moving parts.
* You device is complex electronic device-protect it from impacts and rough handling to avoid serious damage.
* Do not paint your device, as paint can clog moving parts and prevent proper operation.
* If your device has a camera flash or light, avoid using it close to the eyes of children or animals.
* Your device may be damage by exposure to magnetic fields. Do not use carrying cases or accessories with magnetic closures or allow your device to come in contact with magnetic fields for extended periods of time.

Protect batteries and chargers from damage

* Avoid exposing batteries to very cold or very hot temperatures (below 0℃ or above 45℃). Extreme temperatures can reduce the charging capacity and life of your batteries.
* Prevent batteries from contacting metal objects, as this can create a connection between the + and - terminals of your batteries and lead to temporary or permanent battery damage.

- Never use a damaged charger or battery.

Important usage information

Use your device in the normal position
Avoid contact with your device's internal antenna.

Ensure maximum battery and charger life
- Avoid charging batteries for more than a week, as overcharging may shorten battery life.
- Over time, unused batteries will discharge and must be recharged before use.
- Disconnect chargers from power sources when not in use.
- Use batteries only for their intended purpose.

Handle UIM/SIM cards and memory cards with care
- Do not remove a card while the device is transferring or accessing information, as this could result in lose of data and/or damage to the card or device.
- Protect cards from strong shocks, static electricity, and electrical noise from other devices.
- Frequent writing and erasing will shorten the life span of memory cards.
- Do not touch gold-colored contacts or terminals with your fingers or metal object. If dirty, wipe the card with a soft cloth.

Ensure access to emergency services
Emergency calls from your device may not be possible in some areas or circumstances.

Before travelling in remote or undeveloped areas, plan an alternated method of contacting emergency service personnel.

Assembling

Install the UIM/SIM card and battery

When you subscribe to a cellular service, you will receive a UIM/SIM card, with subscription details, such as your personal identification number and optional services.

If the device is on, press and hold **[Power key]** → **Power off** to turn it off.

1. Remove the back cover.
2. Insert the UIM/SIM cards.
3. Insert the battery.
4. Replace the back cover.

Note • Place the UIM/SIM cards into the device with the gold-colored contacts facing down.

  • If you do not insert UIM/SIM cards, you can only use your device's non-network services and some menus.

Charge the battery

Before using the device for the first time, you must charge the battery. You can charge the device with the provided travel adapter or by connecting the device to a PC with PC data cable.

Charge with the travel adapter

1. Plug one end (micro-USB) of PC data cable into the multifunction jack.
2. Plug the other end of the PC data cable into USB port of travel adapter.
3. Plug the travel adapter into a power outlet.

Note
- You can use the device while it is charging, but it may take longer to fully charge the battery.
- While charging, the device may heat up. This is normal and should not affect your device's lifespan or performance.
- If your device is not charging properly, bring your device and the charger to service center.
- Improperly connecting the travel adapter can cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

4. When the battery is fully charged, unplug the travel adapter from the device and then from the power outlet.

Caution: Do not remove the battery before removing the travel adapter. Doing this may cause damage to the device.

Charge with the PC data cable

Before charging, ensure that your PC is turned on.
1. Plug one end (micro-USB) of PC data cable into the multifunction jack.
2. Plug the other end of the PC data cable into USB port on a PC.

Note: Depending on the type of PC data cable you are using, it may take some time before charging begins.

Use a memory card

Insert a memory card

To store additional multimedia files, you must insert a memory card.

Caution: We use approved industry standards for memory cards, but some brands may not be fully compatible with your device. Using an incompatible memory card may damage your device or the memory card and can corrupt data stored on the card.

Note
- You device supports only the FAT file structure for memory card. If you insert a card formatted with a different structure, your device will ask you to reformat the memory card.
- Frequent writing and erasing of data will shorten the lifespan of memory card.
- When you insert a memory card in your device, the file directory of memory card will appear in the sdcard folder under the internal memory.

1. Remove the back cover.
2. Insert a memory with the gold-colored contacts facing down.
3. Replace the back cover.

Remove the memory card

Before removing a memory card, first unmount it for safe removal.

1. In idle mode, open the application list and select **Settings** → **Storage** → **Unmount SD card**.
2. Remove the back cover.

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3. Remove the memory card.
4. Replace the back cover.

Caution: Do not remove a memory card while the device is transferring or accessing information, as this could result in loss of data or damage to the memory card or device.

Format the memory card

Formatting your memory card on a PC may cause incompatibilities with your device. Format the memory card only on the device.

In idle mode, open the application list and select **Settings** → **Storage** → **Erase SD card**.

Caution: Before formatting the memory card, remember to make backup copies of all important data stored on your device. The manufacture's warranty does not cover loss of data resulting from user actions.

Getting started

Key	Function
Home	Return to the idle screen. Open the list of recent applications (press and hold).
Menu	Open a list of options available on the current screen.
Back	Return to the previous screen.
Search	Open the **Search** application.
Volume	Adjust the device's volume.
Power	Turn on/off the device (press and hold); Access the phone options (press and hold); Lock the touch screen.

Turn your device on and off

To turn on your device, press and hold【**Power**】.

If you turn on your device for the first time, set up your device by following the on-screen instructions.

To turn off your device, press and hold【**Power**】and then select **Power off** → **OK**.

Note
- Follow all posted warnings and directions from official personnel when in areas where the use of wireless devices is restricted, such as airplanes and hospitals.
- To use you device's non network service only, switch to Flight mode. Press and hold【**Power**】and then select **Airplane mode**.

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Use the touch screen

Your device's touch screen lets you easily select items or perform functions. Learn basic actions to use the touch screen.

Note
- To avoid scratching the touch screen, do not use sharp tools.
- Do not allow the touch screen to come into contact with other electrical devices. Electrostatic discharges can cause the touch screen to malfunction.
- Do not allow the touch screen to come into contact with water. The touch screen may malfunction in humid conditions or when exposed to water.
- For optimal use of the touch screen, remove the screen protection film before using your device.
- For best performance, tap the touch screen with your fingertip. The touch screen will not react to touches of sharp tools, such as a stylus op pen.

Control your touch screen with the following actions:
- **Tap:** Touch once with your finger to select or launch a menu, option, or application.
- **Tap and hold:** Tap an item and hold it for more than 2 seconds to open a pop-up option list.
- **Drag:** Tap and hold your finger on an item, and then drag your finger to move the item.
- **Double-tap:** Tap twice quickly with your finger to zoom in or out while viewing photos or maps.
- **Scroll:** Tap and drag your finger up, down, left, or right to move to items on lists.

Note • Your device turns off the touch screen when you do not use the device for a specified period. To turn on the screen, press 【**Power**】.
• You can also adjust the backlight time. In idle mode, open the application list, select **Settings** ➔ **Display** ➔ **Screen timeout**.

Lock or unlock the touch screen and keys

You can lock the touch screen and keys to prevent any unwanted device operations.
• To lock, press 【**Power**】.
• To unlock, turn on the screen by pressing 【**Power**】, and then drag 🔒 right.

Get to know the idle screen

When the device is in idle mode, you will see the idle screen. From the idle screen, you can view your device's status and access applications.
The idle screen has many panels. Scroll left or right to a panel of the idle screen.

Add items to the idle screen

You can customize the idle screen by adding shortcuts to applications or items in applications, widgets, or folders. To add items to the idle screen:
1. In idle mode, press 【**Menu**】 ➔ **Add** or tap and hold the empty area on the idle screen.
2. Select the item category ➔ an item:
   • **Widgets:** Add widgets to the idle screen.

- **Shortcuts:** Add shortcuts to items, such as application, bookmarks, and contacts.
- **Folders:** Create a new folder or add folders for your contacts.
- **Wallpapers:** Set a background image.

Note: Available items may vary depending on the current idle screen mode.

Move items on the idle screen

1. Tap and hold the item to move until it magnified.
2. Drag the item to the location you want.

Remove items from the idle screen

1. Tap and hold an item to remove until it magnified and the trash bin appears at the bottom of the idle screen.
2. Drag the item to the trash bin.
3. When the item turns red, release the item.

Use the shortcuts panel

In idle mode or while using an application, tap the indicator icon area and drag your finger down to open the shortcuts panel. You can activate or deactivate wireless connections features and access a list of notifications, such as message, calls, events, or processing status. To hide the list, drag the bottom of the list up.

Scroll left or right to use the following options:

- **Brightness / Timeout**: Tap to adjust brightness and timeout.

- **Auto rotation / Wi-Fi / Bluetooth / Data conn. / Airplane mode**: Tap to Enable or disable the corresponding feature.
- **General / Silent / Meeting / Outdoor**: Tap to activate the profile.
- **PowerOff / Restart / Setting / Lock Screen / Dual UIM settings**: Tap to start the function or to the corresponding menu.

Application

Access applications

1. In idle mode, tap to access the application list.
2. Scroll left or right to another application screen.
3. Select an application.

Note • When you use applications provided by Google, you must have a Google account. If you do not have a Google account, sign up for a Google account.

   • You can add a shortcut to an application by tapping and holding the application icon to the location list. You can move the icon to the location you want to on the idle screen.

4. Press【Back】return to the previous screen; Press【Home】to return to the idle screen.

Note: You device has a built-in motion sensor that detects its orientation. If you rotate the device while using some features, the interface will automatically switch to landscape view. To set the interface to keep the orientation when you rotate the device, select **Settings** → **Display**, clear the check box of **Auto-rotate screen**.

Access recent applications

1. Press and hold **[Home]** to open the list of applications you have accessed recently.
2. Select an application to access.

Use the task manager

You device is a multitasking device. It can run more than on application at the same time. However, multitasking may cause hang-ups, freezing, memory problems, or additional power consumption. To avoid these problems, end unnecessary programs using the task manager.

1. In idle mode, open the application list and select **Settings** → **Applications** → **Manage applications**.
2. Select the label of **Running**. The list of all applications currently running on your device appears.
3. To close an application, select an application → **Stop**.

Enter text

You can enter text by selecting characters on the virtual keyboard.

Tips: Press and hold **[Back]** to hide the virtual keyboard.

Change the keyboard type

1. Tap and hold the text input filed and then select **Input method**.

2. Select a keyboard type.

Use android keyboard

1. Tap and hold the text input filed and then select **Input method ➞ Android keyboard**.
2. Enter text by selecting alphanumeric keys. You can also use the following icons:

Number	Function
1	Change case.
2	Switch between Number/Symbol mode and ABC mode.

3	Access the keyboard settings; change the text input method.
4	Insert a space.
5	Insert a smile symbol.
6	Delete characters.

Copy and paste text

While you are entering text, you can use the copy and paste feature to use text in other applications.

1. Double-tap the text filed and then selects **Select word** or **Select all**, from the option list.
2. Drag arrow to across the text you want to highlight.
3. Select **Copy** to copy; or **Cut** to cut the text onto the clipboard.
4. In another application, double-tap the text filed and then selects **Paste** to insert the text from the clipboard into the text filed.

Download files from the web

Caution: Files you download from the web can include viruses that will damage you device. To lessen your risk, only download files from sources you trust.

Note: Some media files include Digital Rights Management to protect copyrights. This protection may prevent you from downloading, copying, modifying, or transferring some files.

To download files from the web:
1.　In idle mode, open the application list and select **Browser**.
2.　Search for a file or application and download it.
Note: To install applications download from website other than Android Market, you must select **Settings** → **Applications**, select the check box of **Unknown sources**.

Synchronize date

You can synchronize data with various web servers and back up or restore your data.
Once the synchronization is completed, your device stays connect to the web. If any change is made on the web, the updated information will appear on your device and will automatically begin synchronization, and vice versa.
Note: This feature may be unavailable depending on your region or service provider.

Set up a server account

1.　In idle mode, open the application list and select **Settings** → **Accounts & sync**.
2.　Select **Add account**.
3.　Follow the on-screen instructions to complete the account setup.

Activate automatic sync

1.　In idle mode, open the application list and select **Settings** → **Accounts & sync**.
2.　Select the check box of **Auto-sync**.
3.　Select an account.

4. Select the applications you want to synchronize. To exclude applications from automatic synchronization, clear the check boxes of the applications you want.

Communication

Calling

Learn to use calling functions, such as making and answering calls, using options available during a call or customizing and using call-related features.

Make a call

1. In idle mode, open the application list and select **Phone**.
2. Enter an area code and a phone number.
3. Tap to make a call.

Answer a call

When a call comes in, drag right to answer the call.

Note
- When a headset is plugged into the device, you can press the headset button to answer a call.
- To mute the ringtone, press **[Volume]**.

Reject a call

When a call comes in, drag 🔴 left to reject the call.

Call an international number

1. In idle mode, open the application list and select **Phone**.
2. Tap and hold **0** to insert the **+** character.
3. Enter the complete number you want to dial (country code, area code, and phone number).
4. Tap 📞 to make a call.

Use options during a voice call

You can use the following options during a voice call:

- To adjust the voice volume, press **[Volume]**.
- To dial a second call, select **Add call**, and then dials a new number.
- To end the call, select **End**.
- To open the dialing screen, select **Dailpad**.
- To converse with the other party via a Bluetooth headset, select **Bluetooth**.
- To turn off the mouthpiece so that the other party cannot hear you, select **Mute**.
- To activate the speakerphone feature, select **Speaker**.
- To record the conversation, press **[Menu]** → **Star recording**.

View call log

In idle mode, open the application list and select **Contacts** → **Call Log**. The status bar will display 📵 when you have missed calls.

- Tap All to view all call logs; Tap ➡ to view dialed calls; Tap ⬅ to view answered calls; Tap ↙ to view missed calls.
- Tap 📥 to select resource of call log.
- Tap a call log to make a voice call.
- Tap ▶ to view details. You can select the corresponding operations.

Messaging

Learn to create and send text (SMS) or multimedia (MMS) message, and view or manage messages you have sent or received.

Note: You may incur additional charges for sending or receiving messages while outside your home service area. For details, contact you service provider.

Send a text message

1. In idle mode, open the application list and select **Messaging**.
2. Tap 📝 or press【Menu】→ **Compose**.
3. Select **To** field to enter a number manually or tap 👤⁺ to select one from phonebook.
4. Select **Type to compose** field to enter your message text.
5. Select **Send** to send the message.

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Send a multimedia message

1. In idle mode, open the application list and select **Messaging**.
2. Tap 📝 or press【**Menu**】➝ **Compose**.
3. Select **To** field to enter a number manually or tap 👤 to select one from phonebook.
4. Press【**Menu**】➝ **Add subject** ➝ select **Subject** to add a subject for the message.
5. Select **Type to compose** field to enter your message text.
6. Tap 📎 to add emotion or attachment.
7. Select **Send** to send the message.

View a text or multimedia message

1. In idle mode, open the application list and select **Messaging**.
2. If select **Conversation**, the messages are grouped into message thread by contact, like a messenger; or select **Folder**, the messages are saved in different folder separately.
- Select a thread or message to view detail.
- Tap and hold a thread or message to select an option in pop-up menu.

Listen to voice mail messages

If your have set missed calls to be diverted to the voice mail server, callers may leave voice messages when you do not answer incoming calls. To access your voice mail inbox and listen to voice mail message:
1. In idle mode, open the application list and select **Phone**, and then tap and hold **1**.

2. Follow the instructions from the voice mail server.

Note: You save the voice mail server number before accessing the server. You service provider can give you the number. Select **Settings** → **Call settings** → **Dual SIM settings** → select UIM/SIM card → **Voice mail settings** → **Voice mail number** to set it.

Email

Learn to send or view email message via your personal or company email account.

Set up an email account

1. In idle mode, open the application list and select **Email**.
2. Enter your email address and password.
3. Select **Next** (for general email accounts, such as Google Mail and Yahoo) or **Manual setup** (for other company email accounts).
4. Follow the on-screen instructions.

When you are finish setting up the email account, the email messages are downloaded to your device. If you have create more than two accounts, you can switch between email accounts; Press【**Menu**】→ **Accounts** and select one you want to retrieve message from.

Send an email message

1. In idle mode, open the application list and select **Email** → an email account.
2. Press【**Menu**】→ **Compose**.

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3. Select **To** field to enter an email address manually. Press【**Menu**】 → **Add Cc/Bcc** to add more recipients.
4. Select **Subject** field to enter a subject.
5. Select **Compose Mail** field to enter your email text.
6. Press【**Menu**】 → **Add attachment** to attach a file.
7. Select **Send** to send the email.

Note: If you are offline or outside your service area, the message will be held in the message thread list until you are online and in your service area.

View an email message

When you open an email account, you can view previously retrieved emails offline or connect to the email server to view new messages. After retrieving email messages, you can view them offline.

1. In idle mode, open the application list and select **Email** → an email account.
2. Press【**Menu**】 → **Refresh** to update the message list.
3. Tap and hold a message in the list to select an option in pop-up menu.
4. Select an email message. From the message view, use the following options:
*   To reply to the message, select **Reply**.
*   To forward the message to other people, press【**Menu**】 → **Forward**.
*   To delete the message, select **Delete**.
*   To display the pictures in the message, select **Show pictures**.

Contacts

Learn to create and manages a list of your personal or business contacts stored on the phone's memory card or a UIM/SIM card. You can save names, phone numbers, email address and more for your contacts.

Create a contact

To create a contact from dialing screen:
1. In idle mode, open the application list and select **Phone**.
2. Enter a phone number.
3. Press【**Menu**】→ **Add to contacts** → **Creat new contact**.
4. Select a memory location.
5. Enter contact information.
6. Select **Save** to add the contact to memory.

To create a contact from phonebook:
1. In idle mode, open the application list and select **Contacts**.
2. Tap ➕ to add a contact.
3. Select a memory location.
4. Enter contact information.
5. Select **Save** to add the contact to memory.

Find a contact

1. In idle mode, open the application list and select **Contacts**.
2. Scroll up or down on the contact list or tap 🔍 to input a name to search.
3. Select a contact's name to view the details.

Delete a contact

1. In idle mode, open the application list and select **Contacts**.
2. Press 【**Menu**】 → **Delete contact**.
3. Select the check boxes of the contacts you want to delete.
4. Select **Delete** → **OK** to delete them.

Tip: Tap and hold a contact and then select **Delete contact** to delete the contact.

Contacts group

By creating groups of contacts, you can manage multiple contacts and send message or email to an entire group.

1. In idle mode, open the application list and select **Contacts**.
2. Press 【**Menu**】 → **Groups**.
3. Tap ➕ or press 【**Menu**】 → **Add group**.
4. Enter a name and select **Save**.

Select a group to view the member lists, use the following options:
- To add members to the group, tap ➕ or press 【**Menu**】 → **Add members**.
- To delete members in the group, press 【**Menu**】 → **Remove members**.
- To move members to other group, press 【**Menu**】 → **Move members**.

- To send message or E-mail to group members, press **[Menu]** → **Send group SMS / Send group E-mail**.
- To set group ringtone, press **[Menu]** → **More** → **Set group ringtone**.
- To edit group, press **[Menu]** → **Edit group**.

Set a speed dial number

1. In idle mode, open the application list and select **Contacts**.
2. Press **[Menu]** → **Speed Dial**.
3. Select a location number → select a contact.
4. Select a phone number (if necessary).

Tip: You can quickly dial this number by tapping and holding the location number on the dial screen.

Import or export contacts

1. In idle mode, open the application list and select **Contacts**.
2. Press **[Menu]** → **Import/Export**.
3. Select the corresponding options.

Entertainment

Camera

To use camera, insert a memory card first.

In idle mode, open the application list and select **Camera**.

Tip: You can drag ⬤ to switch between camer and camcorder.

Capture a photo

1. In idle mode, open the application list and select **Camera**.
2. Aim the lens at the subject and make any necessary adjustments.
3. Tap ⬤ to take a photo. The photo is saved automatically.

Customize camera settings

In camera mode, tap the following icons to customize camera settings:

Icon	Function
	Exposure, Picture size, Picture quality, Color effect, and Anti Banding.
	Set the camera to include location information for your photos.
	Adjust the color balance according to lighting conditions.

	Select flash mode.
1x	Zoom in or out.
	Switch camera.

Camcorder

To use camera, insert a memory card first.

In idle mode, open the application list and select **Camcorder**.

Tip: You can drag ⬤ to switch between camer and camcorder.

Record a video

1. In idle mode, open the application list and select **Camcorder**.
2. Aim the lens at the subject and make any necessary adjustments.
3. Tap ⬤ to start recording.
4. Tap ⬛ to stop recording. The video is saved automatically.

Customize camcorder settings

In camcorder mode, tap the following icons to customize camera settings:

Icon	Function
	Color effect, Video quality and Video duration.
	Adjust the color balance according to lighting conditions.

	Select flash mode.
1x	Zoom in or out.
	Switch camera.

Gallery

Learn to view photos and play video saved in your memory card.

View a photo

1. In idle mode, open the application list and select **Gallery**.
2. Select a folder.
3. To change the view mode, tap ⊞ or ◻ at the top right of the screen.
4. Select a photo (with no icon) to view.

While view a photo, use the following options:

- To view more photos, scroll left or right.
- To zoom in, place two fingers on the screen and spread them apart. To zoom out, move you fingers closer together. You can also tap ⊕ or ⊖, or double-tap the screen.
- To view photos in a slideshow, select **Slideshow**.
- To delete a photo, select **Menu** → **Delete**.
- To share a photo with others, select **Menu** → **Share**.
- To use additional features with a photo, select **Menu** → **More** and use the following options:

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- ✓ **Details:** View the photo detail.
- ✓ **Set as:** Set a photo as wallpaper or caller ID image for a contact.
- ✓ **Crop:** Crop an image from a photo.
- ✓ **Rotate left:** Rotate a photo anti-clockwise.
- ✓ **Rotate right:** Rotate a photo clockwise.

Play a video

1. In idle mode, open the application list and select **Gallery**.
2. Select a video (with the ● icon) to play.
3. Control playback with following icons:

Icon	Function
❚❚	Pause playback; Tap ▶ to resume playback.
⛶	Change the ratio of the video.

Video Browser

Learn to use the video player to play various kinds of videos.

Note
- Some files formats are not supported depending on the software of the device.
- If the size exceeds the memory available, an error may occur when you attempt to play it.

- Playback quality may vary by content type.
- Some files may not play properly depending on how they are encoded.
1. In idle mode, open the application list and select **Video Browser**.
2. Select a video to play.
3. Control playback with following icons:

Icon	Function
❚❚	Pause playback; Tap ▶ to resume playback.
⛶	Change the ratio of the video.

Music

Learn to listen to your favorite music while o the go with the music player.

Note
- Some files formats are not supported depending on the software of the device.
- If the size exceeds the memory available, an error may occur when you attempt to play it.
- Playback quality may vary by content type.
- Some files may not play properly depending on how they are encoded.

Play music

After transferring music file to your memory card:
1. In idle mode, open the application list and select **Music**.

2. Select a music category.
3. Select a music file.
4. Control playback with following icons:

Icon	Function
❚❚	Pause playback; Tap ▶ to resume playback.
❮	Skip backward; Scan backward in a file (tap and hold).
❯	Skip forward; Scan forward in a file (tap and hold).
⣏	Show the current playlist.
⤬	Activate shuffle mode.
⟳	Change the repeat mode.

Create a playlist

1. In idle mode, open the application list and select **Music**.
2. Select a music category.
3. Tap and hold the artist, album, or song, and then select **Add to playlist**.
4. Select New → enter the playlist name → **Save** to one or all of songs of the selected artist or album to the playlist.

Tip: During playback, you can add the current song to a playlist by press【Menu】→ **Add**

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to playlist.

Use a song as ringtone

To use a song as ringtone:
1. In idle mode, open the application list and select **Music**.
2. Select a music category.
3. Tap and hold a song and then select **Use as UIM/SIM ringtone**.
Tip: During playback, you can use it as ringtone by press【**Menu**】→ **Us as ringtone**.

FM

Learn to listen to music and news on the FM radio. To listen to the FM radio, you must connect a headset, which serves as the radio antenna.

Listen to the FM radio

1. Plug a headset into the device.
2. In idle mode, open the application list and select **FM Player**. The FM radio scans and saves available stations automatically.
Note: The first time you turn on the FM radio, it will start automatic tuning.

3. Tap ▤ to select the radio station you want from station list.
4. Control the FM radio with the following icons:

Icon	Function
⏻	Turn the FM radio off or on.
◁ ▷	Search for an available radio station.
◀ ▶	Fine-tune the frequency with 0.1 MHz.
☰	Open the station list.
✚	Add the current radio station to favorites list.
⬒	Drag to change the frequency.

Save a radio station automatically

1. Plug a headset into the device.
2. In idle mode, open the application list and select **FM Player**.
3. Press【Menu】→ **Search**.
4. The FM radio scans and saves available stations automatically.

Add a radio station to the favorites list

1. Plug a headset into the device.
2. In idle mode, open the application list and select **FM Player**.
3. Scroll to a radio station.

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4.   Tap ⊞ to add the station to the favorites list.

Sound Recorder

Learn to operate your device's sound recorder.

Record a voice memo

1.   In idle mode, open the application list and select **Sound Recorder**.
2.   Tap ◯ to start recording.
3.   Speak into to mouthpiece.
4.   When you are finished, tap ▢ to stop and save the memos.
5.   To record more voice memos, tap ◯ again.

Play a voice memo

1.   In idle mode, open the application list and select **Music**.
2.   Select **Playlist** → **My recordings**.
3.   Select a voice memo.

Web

Browser

Web services require a data connection. Contact your operator to choose the best data plan. Learn to access and bookmark your favorite web pages.

Note
- You may incur additional charges for a accessing the web and downloading media files. For details, contact your service provider.
- Available icons may vary depending on your region or service provider.

1. In idle mode, open the application list and select **Browser** to launch a specified homepage.
2. To access a specific webpage, select the URL input field, enter the web address (URL) of the webpage, and then tap �* .
3. To return to previous page, press 【**Back**】.

While browsing a webpage, use the following options:

- To zoom in, place two fingers on the screen and spread them apart. To zoom out, move your fingers closer together.
- To open a new window, press 【**Menu**】 → **Windows** → **New window**.
- To bookmark the current webpage, press 【**Menu**】 → **Bookmarks** → **Add**. Or press 【**Menu**】 → **More** → **Add bookmark**.
- To view all windows, press 【**Menu**】 → **Windows**. Tap ▨ to close the corresponding

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page.
- To reload the current web pages, press 【Menu】→ **Refresh**.
- To go to the a next page in history, press 【Menu】→ **Forward**.
- To search for text on the webpage, press 【Menu】→ **More** → **Find on page**.
- To select text on the webpage, press 【Menu】→ **More** → **Select text**. Highlight the text you want with your finger. The highlight text is copied to the clipboard and you can paste it anywhere.
- To view the webpage details, press 【Menu】→ **More** → **Page info**.
- To send the webpage address (URL) of the webpage to others, press 【Menu】→ **More** → **Share page**.
- To view the download history, press 【Menu】→ **More** → **Download**.
- To customize the browser settings, press 【Menu】→ **More** → **Settings**
- To exit browser, press 【Menu】→ **More** → **Fully exit**.

Maps

Learn to use Google Maps to find your location, search the online map for streets, cities, or countries, and get directions.

Note • This feature may be unavailable depending on your region.
　　　• To use the Google Maps, you must select **Settings** → **Location & Security** → **Use wireless network** or **Use GPS satellites**.

Search for a location

1. In idle mode, open the application list and select **Maps**.
2. If you are launching this application for the first time, select **OK**. The map will display your current location.
3. Select **Search Maps** field.
4. Enter a keyword for the location and tap .
5. Select the location you want to view details.
- To view a list of all results for your search, tap ▤.
- To zoom in, place two fingers on the screen and spread them apart. To zoom out, move you fingers closer together. You can also tap ⊕ or ⊖ , or double-tap the screen.
- To search for a place nearby, tap .
- To add layers to the map, tap .
- To view your current location, tap ◉.

Get directions to a specific destination

1. In idle mode, open the application list and select **Maps**.
2. Press【**Menu**】→ **Directions**.
3. Enter the addresses of the starting location and the ending location. To enter an address from your contact list or point the location on the map, tap → **Contacts** or **Point on map**.
4. Select a travel method (car, bus, or walk) and select **Go**. The route is indicated on the map. Depending on the selected travel method, you may see multiple routes. Tap   to view the route on the map.
5. Tap ◀ or ▶ to view only a single part of the route.

6. When you are finished, press【Menu】→ **Clear Map**.

Latitude

Learn to share your location with your friends and view friend's locations via the Google Latitude location service.

Note: This feature may be unavailable depending on your region or service provider.

1. In idle mode, open the application list and select **Latitude**.
2. Tap   → **Select from Contacts** or **Add via email address**.
3. Select a friend, or enter an email address and select **Add friend**.
4. Select **Yes**. When your friend accepts your invitation, you can share locations.
5. Press【Menu】→ **See map**. Your friend's locations are marked with their photos on the map.

Places

Learn to search for a place around you.

Note: This feature may be unavailable depending on your region or service provider.

1. In idle mode, open the application list and select **Places**.
2. Select a category. Your device searches for places around your current location that are related to the category.
3. Select a place name to view its details.
4. While viewing information, use the following options:

- To view the place on the map, select **Map**.
- To view the route to the place, select **Directions**.
- To view the phone number of the place, select **Call**.

Navigation

Learn to use GPS navigation system to find and show your destination with voice guidance.

Note
- Navigation maps, your current location, and other navigational data may differ from actual location information. You should always pay attention to road conditions, traffic, and any other factor that may affect your driving and follow all safety warnings and regulations while driving.
  - This feature may be unavailable depending on your region or service provider.
1. In idle mode, open the application list and select **Navigation**.
2. If you are launching this application for the first time, select **Accept**.
3. Enter your destination by using one of the following methods:
- **Type Destination**: Enter your destination with the virtual keypad.
- **Contacts**: Select your destination from addresses of your contacts.
- **Starred Places**: Select your destination from the list of your starred places.
4. Follow the on-screen instructions to use the navigation service.

Market

You can download games, ringtones, or other applications from the Android Market.

Note: This feature may be unavailable depending on your region or service provider.

1. In idle mode, open the application list and select **Market**.
2. Search for a file and download it to the device.

Connectivity

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 10m without requiring a physical connection.

Turn on the Bluetooth wireless feature

In idle mode, open the application list and select **Settings** → **Wireless & network**, select the check box of **Bluetooth**.

Find and pair with other Bluetooth-enabled devices

1. In idle mode, open the application list and select **Settings** → **Wireless & network** → **Bluetooth settings** → **Scan for devices**.
2. Select a device.

3. Enter a PIN for the Bluetooth wireless feature or the other devices' Bluetooth PIN, if it has one, and select **OK**. Alternatively, select **Accept** to match the PIN between your device and the device.
4. When the owner of the other device enters the same PIN or accepts the connection, pairing is complete. If the paring is successful, the device will automatically search for available services.

Note: Some devices, especially headsets or hands-free car kits, may have fixed Bluetooth PIN, such as 0000. If the other device has a PIN, you must enter it.

Send data via the Bluetooth wireless feature

1. Select a file or item from an appropriate application or **File Manager**.
2. Select an option for sending data via Bluetooth.

Note: The method for selecting an option may vary by data type.

3. Search for and pair with a Bluetooth-enable device.

Receive data using the Bluetooth wireless feature

1. In idle mode, open the application list and select **Settings** → **Wireless & network** → **Bluetooth settings**, select the check box of **Discoverable**. You device is visible to other Bluetooth devices for 120 seconds.
2. When prompted, enter the PIN for the Bluetooth wireless feature and select **OK** (if necessary).
3. Select **Accept** to confirm that you are willing to receive data from the device.

Wi-Fi

Learn to use your device's wireless networking capabilities to activate and connect to any wireless local area network (WLAN) compatible with IEEE 802.11 a/b/g/n standards.
You can connect to the internet or other network devices anywhere an access point or wireless hotspot is available.

Activate the Wi-Fi feature

In idle mode, open the application list and select **Settings** → **Wireless & network**, select the check box of **Wi-Fi**.
Note: An active Wi-Fi network running in the background will consume battery power. To preserve battery power, activate the Wi-Fi network only when needed.

Find and connect to a Wi-Fi network

1. In idle mode, open the application list and select **Settings** → **Wireless & network** → **Wi-Fi settings**. The device will automatically search for available Wi-Fi networks.
2. Select a network under **Wi-Fi network**.
3. Enter a password for the network (if necessary).
4. Select **Connect**.

Add a Wi-Fi network manually

1. In idle mode, open the application list and select **Settings** → **Wireless & network** →

Wi-Fi settings → **Add Wi-Fi network**.
2. Enter the SSID for the network and select the security type.
3. Set the security settings depending on the selected security type.
4. Select **Save**.

Mobile network sharing

Learn to set your device as a wireless modem or wireless access point for PCs or other devices, and share your device's mobile connection.

Share your device's mobile network via Wi-Fi

1. In idle mode, open the application list and select **Settings** → **Wireless & network** → **Tethering & portable hotspot**.
2. Select the check box of **Portable Wi-Fi hotspot**.
3. Select **Portable Wi-Fi hotspot settings** → **Configure Wi-Fi hotspot** to configure network setting to use your device as an access point.
4. When you are finished, select **Save**.
5. From another device, locate your device's name in the available connection list and connect to the network. Your device shares the mobile network connection on another device.

Share your device's mobile network via USB

1. Using USB cable, connect the multifunction jack on your device to a PC.

2. In idle mode, open the application list and select **Settings** → **Wireless & network** → **Tethering & portable hotspot**.
3. Select the check box of **USB tethering** to activate the USB tethering. Your device shares the mobile network connection on your PC.
4. To stop sharing the network connection, clear the check box of **USB tethering**.

Note: The sharing method fro the network connection may differ depending on the PC's operating system.

PC connections

Learn to connect your device to a PC with a USB cable.

To use PC connections, you must deactivate USB debugging mode. In idle mode, open the application list and select **Settings** → **Applications** → **Development**, and then clear the check box of **USB debugging**.

You can connect your device to a PC and use it as a removable disk. When you insert a memory card, the device acts as a card reader and allow you to access the file directory.

Note: The file directory of the memory card will appear as a removable disk.

1. If you want to transfer files from or to a memory card, insert a memory card into the device.
2. With a USB cable, connect the multifunction jack on your device to a PC.
3. Open shortcuts panel, select **USB connected** → **Turn o USB storage**.
4. Open the folder to view files.
5. Copy files between memory card and PC.

6. When you are finished, select **Turn off USB storage**.

Note: To disconnect the device from the PC, click the USB device icon on the Windows task bar and click the option to safely remove the mass storage device. Then remove the USB cable from the PC. Otherwise, you may lose data stored on the memory card or damage it.

VPN connections

You can create virtual private networks (VPN) and connect to your private network securely through a public network, such as the internet.

Note: Your device should already be configured with internet access. If you have trouble accessing the internet, you need to edit connections. If you are not sure about the connection information to enter, ask your service provider.

Set up VPN connections

1. In idle mode, open the application list and select **Settings → Wireless & network → VPN settings → Add VPN**.
2. Select a VPN type.
3. Customize the connection information.

Note: Available options may vary depending on the VPN type.

*   **VPN name**: Enter a name of the VPN server.
*   **Set VPN server**: Enter the IP address of the VPN server.
*   **Enable encryption**: Set to encrypt the VPN server.

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- **Set IPSec pre-shared key**: Enter a pre-shared key.
- **Enable L2TP secret**: Set to use the L2TP secret password.
- **Set L2TP secret**: Enter the L2TP secret password.
- **Set user certificate**: Select a user certificate that the VPN server uses to identify you. You can import from the VPN server or download from the web.
- **Set CA certificate**: Select a certificate authority (CA) certificate that the VPN server uses to identify you. You can import from the VPN server or download from the web.
- **DNS search domains**: Enter the domain name server (DNS) address.
- When you are finished,   press **[Menu]** → **Save**.

Connect to a private network

1. In idle mode, open the application list and select **Settings** → **Wireless & network** → **VPN settings**.
2. Select a private network to connect.
3. Enter the user name and password and select **Connect**.

Tools

Clock

Learn to set and control alarms.

Set a new alarm

1. In idle mode, open the application list and select **Clock**.
2. Press **[Menu]** → **Alarms** → **Add alarm**.
3. Set alarm time and then select **Set** to set details.
4. When you are finished, select **Done**.

Stop an alarm

When the alarm sounds:

To stop the alarm, select **Dismiss**.

To repeat the alarm after 10 minutes, select **Snooze**.

Delete an alarm

1. In idle mode, open the application list and select **Clock**.
2. Press **[Menu]** → **Alarms**.

3.   Tap and hold an alarm you want to delete and then select **Delete alarm** → **OK**.

Calculator

Learn to perform mathematical calculations directly on your device like a typical hand-held or desktop calculator.

1.   In idle mode, open the application list and select **Calculator**.
2.   Use the keys that correspond to the calculator display to perform basic mathematical operation. To use the scientific calculator, press【**Menu**】 → **Advanced panel**.

File manager

Learn to quickly and easily access all of your images, videos, music, sound clips, and other types of files stored in memory card.

1.   In idle mode, open the application list and select **File manager**.
2.   Select a folder.
3.   Select a file to open.
In a folder, press【**Menu**】to use the following options.

●   To create a new folder, select **Create folder**.
●   To additional operations of folders and files, press【**Menu**】 → **Edit** → select folders or files → press【**Menu**】 → select an operation.

Calendar

Learn to create and manage daily, weekly, or monthly events, and set alarms to remind yourself of important events.

Create an event

1. In idle mode, open the application list and select **Calendar**.
2. Press【**Menu**】 → **More** → **New event**. Or tap and hold a date or time, and then select **New event**.
3. Enter the details of the events as required.
4. When you are finished, select **Done**.

View events

To change the calendar view:
1. In idle mode, open the application list and select **Calendar**.
2. Select a view mode from the top of the calendar.

To view events of a specific date:
1. In idle mode, open the application list and select **Calendar**.
2. Select a date on the calendar. In monthly view, days with scheduled events are indicated by a small rectangle. To select today's date, press【**Menu**】 → **Today**.
3. Select an event to view its details.

Note: You can send the event to others by pressing【**Menu**】 → **Share event** → an

options.

Delete an event

1. In idle mode, open the application list and select **Calendar**.
2. Press【**Menu**】→ **Agenda**.
3. Select an event you want to delete.
4. Press【**Menu**】→ **Delete event** → **OK**.

Settings

To access the settings menu:
- In idle mode, open the application list and select **Settings**.
- In idle mode, press【**Menu**】→ **Settings**.

Dual UIM settings

- **Configure UIM/SIM**: Select a UIM/SIM card to set name, turn on/of UIM/SIM, or call settings.
- **Preferred UIM settings**: Select the default UIM/SIM card for voice, data, or message; turn on/off preferred callback.

Wireless & networks

Change the settings for wireless network connections.

- **Airplane mode**: Disable all wireless functions on your device. You can use only non-network services.
- **Wi-Fi**: Turn the Wi-Fi feature on or off.
- **Wi-Fi settings**
  - ✔ **Wi-Fi**: Turn the Wi-Fi feature on or off.
  - ✔ **Network notification**: Set the device to notify you when an open network is available.
  - ✔ **Add Wi-Fi network**: Add Wi-Fi access points manually.
- **Bluetooth**: Turn the Bluetooth wireless feature on or off.
- **Bluetooth settings**
  - ✔ **Bluetooth**: Turn the Bluetooth wireless feature on or off.
  - ✔ **Device name**: Set a Bluetooth name for your device.
  - ✔ **Discoverable**: Set your device to be visible to other Bluetooth-enabled devices.
  - ✔ **Discoverable time out**: Set how long device will be discoverable.
  - ✔ **Scan for devices**: Search for available Bluetooth-enabled devices.
- **Tethering & portable hotspot**
  - ✔ **USB tethering**: Activate the USB tethering feature to share your device's mobile network connection with PCs via USB. When connect to a PC, your device is used as a wireless modem for the PC.

- ✓ **Portable Wi-Fi hotspot**: Activate the Wi-Fi tethering feature to share your device's mobile network connection with PCs or other devices through the Wi-Fi feature.
- ✓ **Portable Wi-Fi hotspot settings**
    - - **Portable Wi-Fi hotspot**: Activate the W-Fi tethering feature to share your device's mobile network connection with PCs or other devices through the Wi-Fi feature.
    - - **Configure Wi-Fi hotspot**: Configure network settings for your Wi-Fi tethering.
- ✓ **Help**: Learn more about USB and Wi-Fi tethering.
- **VPN settings**: Set up a connection to virtual private networks (VPNs).
- **Mobile networks**
    - ✓ **Dual SIM settings**: set options for Mobile network, APNs.
    - ✓ **Data enabled**: Enabel data access over Mobile network.
    - ✓ **Data roaming**: Connect to data sercices when roaming.

Call settings

Customize the settings for calling features.
- **Dual SIM settings**: Set voice mail, call options etc.
- **TTY mode**: Select TTY mode.
- **DTMF Tones**: Set the length of DTMF tones.
- **Reject call with message**: Set to reject call with a message.
- **Message template**: Edit text message template.

Audio profiles

Tap ◉ next to a profile to activate it.

Select a profile to customize it:

- **Vibrate**: Set when the device will vibrate for various events.
- **Volume**: Adjust the volume level for ringtone, alarm, and notifications.
- **UIM/SIM call ringtone**: Select a ringtone to alert you to incoming calls.
- **Notification ringtone**: Select a ringtone to alert you to events, such as new messages.
- **Audible touch tone**: Set the device to sound when you touch the keys on the dialing screen.
- **Audible selection**: Set the device to sound when you select an application or option on the touch screen.
- **Screen lock sound**: Set the device to sound when you lock or unlock the touch screen.
- **Haptic feedback:** Set the device to vibrate when you touch the keys.

Note: Silent mode can only set up vibrate and haptic feedback.

Display

Change the settings for display.

- **Brightness**: Set the brightness of the display.
- **Auto-rotate screen**: Set whether or not to rotate the content automatically when the device is rotated.
- **Animation**: Set the device to display an animation when you switch between windows.

- **Screen timeout**: Set the length of time the device waits before turning off the display's backlight.
- **Proximity screen mode**: turn on/off proximity screen mode.

Location & security

Change the settings for GPS functionality and securing your device and the UIM/SIM card.

- **Use wireless networks**: Set to use Wi-Fi network and/or mobile networks for finding your location.
- **Use GPS satellites**: Set to use GPS satellite for finding your location.
- **Set up screen lock**: Set an unlock security code. When you have set your security code, this option changes to **Change screen lock**.
    - ✔ **None**: Disable the screen lock.
    - ✔ **Pattern**: Set an unlock pattern to unlock the screen.
    - ✔ **PIN**: Set a PIN (numeric) to unlock the screen.
    - ✔ **Password**: Set a password (alphanumeric) to unlock the screen.
- **Set up SIM/UIM card lock**
    - ✔ **Lock UIM/SIM card**: Activate or deactivate the PIN lock feature to require the PIN before using the device.
    - ✔ **Change UIM/SIM PIN**: Change the PIN used to access UIM/SIM data.
- **Visible passwords**: Set the device to display your password as you enter it.
- **Select device administrators**: View device administrators installed on your device. You can allow device administrators to apply new policies to your device.

- **Use secure credentials**: Use certificates and credentials to ensure the secure use of various applications.
- **Install from SD card**: Install encrypted certificates that are stored in the USB storage.
- **Set password**: Create and confirm a password for accessing credential.
- **Clear storage**: Erase the credential contents from the device and reset the password.

Applications

Change the settings for managing install applications.

- **Unknown sources**: Select to download applications from any source. If you do not select this option, you can download applications only from Android Market.
- **Preferred install location**: Change the preferred installation location for new applications.
- **Manage applications**: Access the list of the applications installed on the device and check the application information.
- **Running services**: View the services you are using and access them to manage.
- **Storage use**: View available memory and the memory used by applications on your device.
- **Battery use**: View what has been using the battery.
- **Development**
  - ✔ **USB debugging**: Select to connect your device to a PC by using a USB cable. This is for application development.
  - ✔ **Stay awake**: Select to keep the screen on while charging.

- ✓ **Allow mock locations**: Allow mock location and service information to be sent to a Location Manager service for testing. This is for application development.

Accounts & sync

Change the settings for the auto sync feature or manage accounts for synchronization.

- **Background data**: Select this setting to use the auto sync feature. The auto sync feature will synchronize data in the background without opening applications.
- **Auto-sync**: Set the device to synchronize contact, calendar, and email data automatically.

Privacy

Change the settings for managing your settings and data.

- **Back up my data**: Set to back up your settings and application data to the Google server.
- **Automatic restore**: Set to restore your settings and application data when the applications are reinstalled on your device.
- **Factory data reset**: Reset your settings to the factory default values and delete all your data.

Storage

View memory information for your device and memory card. You can also format the

memory card.

Language and keyboard

Change the settings for text input.

- **Select language**: Select a display language for all menus and applications.
- **User dictionary**: You can add a word to user dictionary.
- **Android keyboard**: Android keyboard settings.

Accessibility

Accessibility services are special features for those with certain physical disabilities. Access and alter the following settings to improve the device accessibility.

- **Accessibility**: Activate an accessibility application you have downloaded.
- **Power button ends call**: Select to end call by pressing 【 Power 】 during a call.

Date & time

Access and alter the following settings to control how time and date are displayed on your device.

- **Automatic**: Automatically update the time when you move across time zones.
- **Set date**: Set the current date manually.
- **Select time zone**: Set your home time zone.

- **Set time**: Set the current time manually.
- **Use 24-hour format**: Set to the time to be displayed in 24-hour format.
- **Select date format**: Select a date format.

About phone

Access the device information.