neoi® technology pte. ltd.

Android 2.3.5 Dual SIM Common User Manual for Neoi Models:

588,589,555,556,734,558

Please note, some mechanical Functions maybe in different locations on individual models. Take this Manual as a General Guide Line for all operational functions. Housing ID and Mechanics are different in various Models, this manual will guide You.

For questions please contact only by email: info@neoi-technology.com Service related matters can be asked by Phone, please contact our website http://www.neoi-technology.com or http://www.neoi.de under Contacts for Phone numbers and operational hours. See also our help pages on the websites!

Please Read Before Proceeding

- THE BATTERY IS NOT FULLY CHARGED WHEN YOU TAKE IT OUT OF THE BOX.

- DO NOT REMOVE THE BATTERY PACK WHEN THE DEVICE IS CHARGING.

- YOUR WARRANTY IS INVALIDATED IF YOU DISASSEMBLE OR ATTEMPT TO DISASSEMBLE THE DEVICE.

Contents

Safety and Usage Information

Important Health Information and Safety Precautions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages.

Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire, and damage to the equipment, observes the following precautions.

ELECTRICAL SAFETY

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

SAFETY PRECAUTIONS FOR PROPER GROUNDING INSTALLATION

CAUTION: Connecting to an improperly grounded equipment can result in an electric shock to your device.

This product is equipped with a USB Cable for connecting with desktop or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

SAFETY PRECAUTIONS FOR POWER SUPPLY UNIT

- **Use the correct external power source**
  A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

- **Handle battery packs carefully**
  This product contains a Li-ion battery. There is a risk of fire and burns if the battery pack is

handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60˚C (140˚F).

WARNING: Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60° C (140° F), or dispose of in fire or water. Replace only with specified batteries. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.

- **Take extra precautions**
  - Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
  - Keep metal objects away so they don't come in contact with the battery or its connectors as it may lead to short circuit during operation.
  - Do not use a battery that appears damaged, deformed, or discolored, or the one that has any rust on its casing, overheats, or emits a foul odor.
  - Always keep the battery out of the reach of babies and small children, to avoid swallowing

9

of the battery. Consult the doctor immediately if the battery is swallowed.

- ▲ If the battery leaks:
  - ❖ Do not allow the leaking fluid to come in contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.
  - ❖ Do not allow the leaking fluid to come in contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
  - ❖ Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

SAFETY PRECAUTIONS FOR DIRECT SUNLIGHT

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 60°C (140°F), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

PREVENTION OF HEARING LOSS

CAUTION: Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

SAFETY IN AIRCRAFT

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device when on board an aircraft, remember to turn off your phone by switching to Airplane Mode.

ENVIRONMENT RESTRICTIONS

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fuelling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

EXPLOSIVE ATMOSPHERES

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or

chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

ROAD SAFETY

Vehicle drivers in motion are not permitted to use telephony services with handheld devices, except in the case of emergency. In some countries, using hands-free devices as an alternative is allowed.

SAFETY PRECAUTIONS FOR RF EXPOSURE

- Avoid using your phone near metal structures (for example, the steel frame of a building).
- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

If you use any other personal medical device, consult the manufacturer of your device to

determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

HEARING AIDS

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

NONIONIZING RADIATION

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radioactive performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment. Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call

13

Antenna location

quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

General Precautions

Avoid applying excessive pressure to the device

Do not apply excessive pressure on the screen and the device to prevent damaging them and remove the device from your pants' pocket before sitting down. It is also recommended that you store the device in a protective case and only use the device stylus or your finger when interacting with the touch screen. Cracked display screens due to improper handling are not covered by the warranty.

Device getting warm after prolonged use

When using your device for prolonged periods of time, such as when you're talking on the phone, charging the battery or browsing the web, the device may become warm. In most cases, this

condition is normal and therefore should not be interpreted as a problem with the device.

Heed service markings

Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside the device should be done by an authorized service technician or provider.

Damage requiring service

Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provider under the following conditions:

- Liquid has been spilled or an object has fallen onto the product.
- The product has been exposed to rain or water.
- The product has been dropped or damaged.
- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.

Avoid hot areas

The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

Avoid wet areas

Never use the product in a wet location.

Avoid using your device after a dramatic change in temperature

When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

NOTICE: When taking the device from low-temperature conditions into a warmer environment or from high-temperature conditions into a cooler environment, allow the device to acclimate to room temperature before turning on power.

Avoid pushing objects into product

Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.

Mounting accessories

Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

Avoid unstable mounting

Do not place the product with an unstable base.

Use product with approved equipment

This product should be used only with personal computers and options identified as suitable for use with your equipment.

Adjust the volume

Turn down the volume before using headphones or other audio devices.

Cleaning

Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.

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Limitation of Damages

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DELIVERY, PERFORMANCE OR NONPERFORMANCE OF OBLIGATIONS, OR USE OF THE WEATHER INFORMATION, STOCK DATA, DATA OR DOCUMENTATION HEREUNDER REGARDLESS OF THE FORESEEABILITY THEREOF.

Introducing your device

Unpack

Your package contains the following items:

- ✓ Handset
- ✓ Battery
- ✓ Travel adapter (charger)
- ✓ Stereo headset
- ✓ PC data cable
- ✓ User manual

Note: The items supplied with your device and available accessories may be different depending on your region or service provider.

Install SIM card and battery

When you subscribe to a cellular service, you will receive a Subscriber Identity Module (SIM) card, with subscription details, such as your personal identification number (PIN) and optional services.

1. If the device is on, press and hold [Power key] or [End key] and select **Power off** to turn it off.
2. Remove the back cover and battery, then insert SIM card.
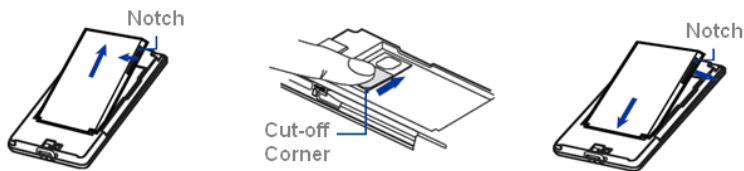
- Place the SIM card into the device with the gold-colored contacts facing down.
- If you do not insert a SIM card, you can only use your device's non-network services and some menus.
3. Insert the battery and replace the back cover.

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 a PC data cable.

Note: When your battery is low, the device will emit a warning tone and display a low battery message. The battery icon will also be empty and blinking. If the battery level becomes too low, the device will automatically power off. Recharge your battery to continue using your device.

Charge with the travel adapter

1. Plug the small end of the travel adapter into the Mini-USB jack.
Note: Improperly connecting the travel adapter can cause serious damage to the device. Any damage caused by misuse is not covered by the warranty.

2. Plug the large end of 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 a Service Centre.

3. When the battery is fully charged (the battery icon is no longer moving), 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.
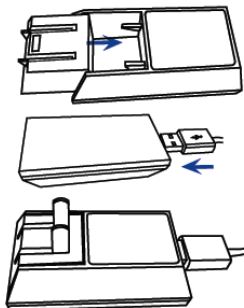
1. Plug one end (Mini-USB) of the PC data cable into the Mini-USB jack.
2. Plug the other end of the PC data cable into a USB port on a PC.
Note: Depending on the type of PC data cable you are using, it may take some time before charging begins.
3. When the battery is fully charged (the battery icon is no longer moving), unplug the PC data cable from the device and then from the PC.

Insert a memory card

To store additional multimedia files, you must insert a memory card.
1. Power off your device. Remove the back cover and battery.
2. Push the slot cover right to unlock and put it up.
3. Insert the micro SD card into the slot with its gold-colored contacts facing down.
4. Put the slot cover down and push it left to lock.

22

Remove the memory card

1. Power off your device. Remove the back cover and battery.
2. Push the slot cover right to unlock and put it up.
3. Take out the SD card.
4. Put the slot cover down and push it left to lock.

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. Before formatting a memory card, first unmount it.
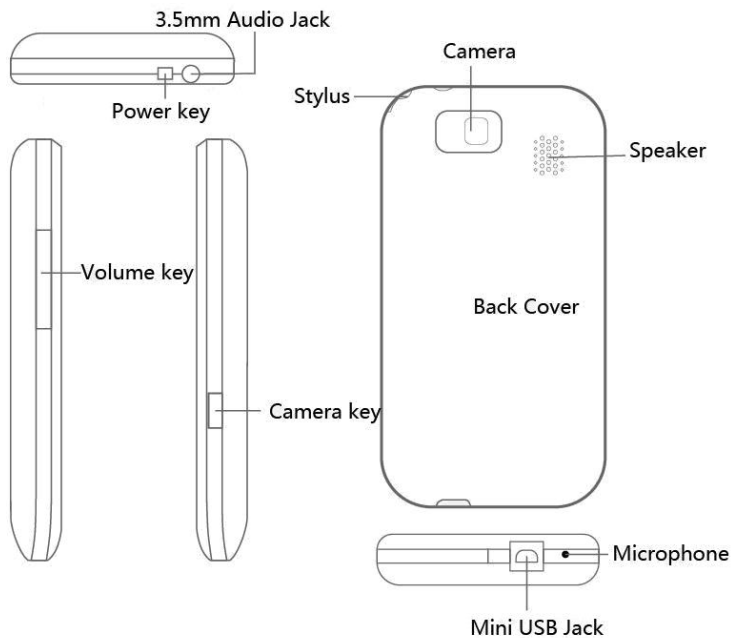
1. In Idle mode, press [Menu key] → **Settings** → **SD card & phone storage** → **Unmount SD card**.
2. Select **Format SD card** → **Format SD card**.

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

Get to know your device

Earpiece — Notification LED

Touch Screen

Send key — End key

Home key — Menu key

Back key

Zoom Bar

3.5mm Audio Jack

Power key

Volume key

Camera key

Stylus

Camera

Speaker

Back Cover

Microphone

Mini USB Jack

25
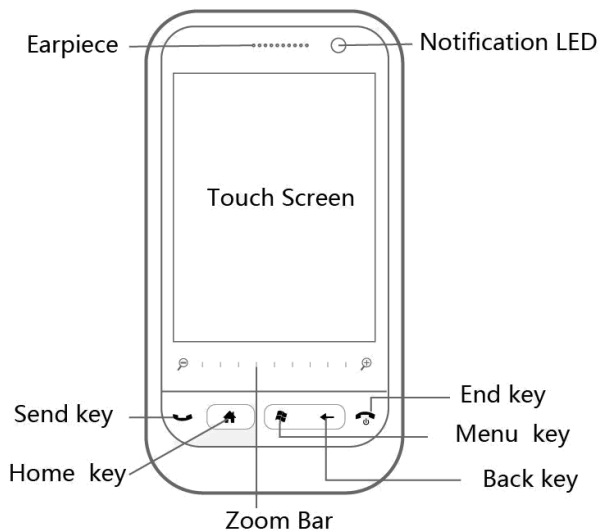
Keys

Key	Function
Home key	Return to the default idle screen; Open the list of recent applications (press and hold).
Menu key	Open a list of options available on the current screen.
Back key	Return to up menu.
Send Key	Make or answer a call; In Idle mode, access dial screen.
End Key	Reject or end a call; Access the quick menus (press and hold); Turn off and lock the touch screen;
Power Key	Turn on the device (press and hold); Turn on or turn off and lock the touch screen; Access the quick menus (press and hold).
Volume Key	Adjust the device's volume.

Indicators Icons

Note: Icons shown on the display may vary depending on your region or service provider.

Icon	Function	Icon	Function
	No signal		GPS activated
	Signal strength		Synchronized with the web
	GPRS network connected		New text or multimedia message
	EDGE network connected		New email message
	More status icons are available		Alarm activated
	Call in progress		Calendar reminder
	Call diverting activated		Error occurred or caution required
	Missed call		Silent mode activated
	Speakerphone activated		Airplane mode activated
	Call muted		Music playback in progress
	Connect to PC		FM radio turned on in the background
	Wi-Fi connected		Battery power level
	Bluetooth activated	10:00	Current time

27

Basic Function

Turning your device on and off

Turn on the device first

1. Press and hold [Power key] for a few seconds to turn on the device.
2. Follow the prompt to set.

To turn off the device, press and hold [Power key] or [End key] for a few seconds, and then select **Power off → OK**.

Lock/Unlock the touch screen and keys

You can lock the touch screen and keys to prevent any unwanted device operations.

To lock, press [Power key] or [End key].

To unlock, turn on the screen by pressing [Power key] and drag 🔓 to the right.

Disable wireless functions

Disable all wireless functions on your device. You can use only non-network services.

To disable wireless functions, press and hold [Power key] or [End key] for a few seconds, and then select **Airplane mode**.

To enable wireless functions, repeat the operations.

Use the touch screen

You can perform the following actions on your device's touch screen:

- Tap: Touch the screen once to select commands or launch applications.
- Tap-and-hold: Tap and hold an item to see a list of available actions. Tap the action you want to perform on the pop-up menu.
- Drag: Tap-and-hold a scroll bar or text and then drag it to move the bar or select text.

If your device does not respond accurately to your screen taps, realign your touch screen. To realign the screen, press [Menu key] in idle mode, then select **Settings → Screen calibrate**. Follow the prompts to realign.

Attention: For optimal use of the touch screen, remove the screen protection film before using your device.

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.
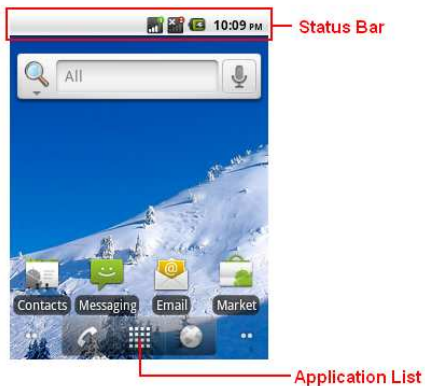
View idle screen

The idle screen has multiple panels. Scroll left or right to switch panels.

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 key] → **Add**.

2. Select the item category → an item:

- **Shortcuts**: Add shortcuts to items, such as applications, bookmarks, and contacts.
- **Widgets**: Add widgets, such as various clocks, photos, favorite contact list, and online services.
- **Folders**: Create a new folder or add folders for your contacts.
- **Wallpapers**: Set a background image.

Move items on the idle screen

1. Tap and hold an item to move.
2. Drag the item to the location you want when the item is magnified.

Remove items from the idle screen

1. Tap and hold an item to remove.
2. The item is magnified and the 🗑 icon appears on the application area, meaning that the application area at the bottom of the idle screen changes to the trash.
3. Drag the item to the trash.
4. When the item and the trash bar turn red, release the item.

View network information and notification

In Idle mode or while using an application, tap the indicator icons area and drag your finger down to open the shortcuts panel. You can access the network information and the notification list. To

hide the list, drag the bottom of the list up.

Access applications

Access your device's applications

1. In Idle mode, tap ⬚ access the application list.
2. Select an application.
3. Press [Back key] to return to the idle screen.

Note: Tap and hold an application icon, it will be added to the idle screen.

Access recent applications

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

Customize your device

Get more from your device by customizing it to match your preferences.

Set the current time and date

1. In Idle mode, press [Menu key] → **Settings** → **Date & time**.
2. Set the time and date and change other options.

Turn on or off the touch tone

In Idle mode, press [Menu key] → **Settings** → **Audio profiles** → select a profile → **Audible selection**.

Adjust the volume of the ringtones

Press [Volume key] up or down to adjust the ringtone volume.

Switch to the silent mode

To mute or unmute your device, do one of the followings:
In Idle mode, press and hold [Power key] or [End key] → **Silent mode**.

Change your ringtone

1. In Idle mode, press [Menu key] → **Settings** → **Audio profiles** → select a profile → → **Phone ringtone**.
2. Select a ringtone from the list and select **OK**.

Select wallpaper for the idle screen

1. In Idle mode, press [Menu key] → **Wallpaper** → an option**.**
2. Select an image.
3. Select **Set wallpaper**.

Adjust the brightness of the display

1. In Idle mode, press [Menu key] → **Settings** → **Display** → **Brightness**.

2. Drag the slider to adjust the level of brightness.

3. Select **OK**.

Note: The brightness level of the display will affect how quickly the device consumes battery power.

Activate animation for switching windows

1. In Idle mode, press [Menu key] → **Settings** → **Display** → **Animation**.

2. Select an option from the list.

Set screen lock

You can set an unlock pattern, PIN, or password to prevent unauthorized people from using the device without your permission.

Pattern

1. In Idle mode, press [Menu key] → **Settings** → **Location & security** → **Set up screen lock**→ **Pattern**.

2. See the on-screen instructions and example patterns and select **Next**.

3. Draw a pattern by dragging your finger to connect at least 4 dots.

4. Select **Continue**.

5. Draw the pattern again to confirm.

6. Select **Confirm**.

PIN

1. In Idle mode, press [Menu key] → **Settings** → **Location & security** → **Set up screen lock**→ **PIN**.
2. Enter a numeric PIN at least 4 digits.
3. Select **Continue**.
4. Enter the PIN again to confirm.
5. Select **Confirm**.

Password

1. In Idle mode, press [Menu key] → **Settings** → **Location & security** → **Set up screen lock**→ **Password**.
2. Enter a password at least 4 characters.
3. Select **Continue**.
4. Enter the PIN again to confirm.
5. Select **Confirm**.

Note: Once you set an unlock pattern, PIN, or password, your device will require it each time you turn it on. If you do not want the device to require it, in Idle mode, press [Menu key] → **Settings** → **Location & security** → **Change screen lock**→ **None**.

Lock your SIM card

You can lock your device by activating the PIN supplied with your SIM card.

1. In Idle mode, press [Menu key] → **Settings** → **Location & security** → **Set up SIM card lock**

→ tap the table of SIM1 or SIM2 → **Lock SIM card**.

2. Enter the PIN of the SIM card and select **OK**.

Once the PIN lock is enabled, you must enter the PIN each time you turn on the device.

Note:

- If you enter an incorrect PIN too many times, your SIM card will be blocked. You must enter a PIN unlock key (PUK) to unblock the SIM card.
- If you block your SIM card by entering an incorrect PUK, bring the card to your service provider to unblock it.

Enter text

You can enter text by selecting characters on the virtual keypad or by inputting handwriting on the screen.

Enter text using Android keyboard

Number	Function
1	Change case.
2	Switch between Number/Symbol mode and ABC mode.
3	Voice input.
4	Insert a space.
5	Switch to next txt input filed.
6	Clear your input

Copy and paste text

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

1. Tap and hold the text input field.
2. Select **Select text** from the option list.
3. Drag your finger across the text you want to highlight.
4. Tap and hold the highlighted text.
5. Select **Copy** to copy and paste onto the clipboard.
6. In another application, tap and hold the text input field.
7. Select **Paste** to insert the text from the clipboard into the text field.

Download files from the web

When you download files or web applications from the web, your device saves them in a memory card.

Caution: Files you download from the web can include viruses that will damage your 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.

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.

View download history

1. In Idle mode, select or open the application list and select **Browser**.
2. Press [Menu key] → **More** → **Downloads**.
3. To clear the list, press [Menu key] → **Clear list**; To cancel download, press [Menu key] → **Cancel all downloads**.
4. To install applications downloaded from websites other than Android Market, you must select **Settings** → **Applications** → **Unknown sources**.

Synchronize data

You can synchronize data (Google messages, calendar, and contacts) with various web servers and back up or restore your data.

Once the synchronization is completed, your device stays connected to the web. If any change is made on the web, the updated information will appear on your device and automatically will begin synchronization, and vice versa.

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

Set up a server account

1. In Idle mode, press [Menu key] → **Settings** → **Accounts & sync**.

2. Select **Add account** → an account type.

3. Follow the on-screen instructions to complete the account setup.

For online community services, such as Facebook or MySpace, enter your user name and password and select **Log in**.

Activate automatic sync

If you add or edit data in any of the applications (Google Mail, Calendar, and Contacts) on the web, the updated information will appear on your device, and vice versa.

1. In Idle mode, press [Menu key] → **Settings** → **Accounts & sync**.

2. Select **Auto-sync** → an account.

3. Select the applications you want to synchronize.

To exclude applications from automatic synchronization, clear the check boxes next to the applications you want.

Synchronize data manually

1. In Idle mode, press [Menu key] → **Settings** → **Accounts & sync**.

2. Select an account.

3. Press [Menu key] → **Sync now**. Your device will start synchronizing the data you set for synchronization.

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, select or press [Send key].
2. Enter an area code and a phone number.
3. Select or to make a call with SIM1 or SIM2.

Note: Press [Send key] will dial with default SIM card. To set default, in idle mode, press [Menu key] → **Settings** → **Multi SIM settings** → **Default SIM card option**.

4. To end the call, press [End key].

Answer a call

1. When a call comes in, press [Send key].

Note: When the device is ringing, press [Volume key] to mute the ringtone.

2. To end the call, press [End key].

Reject a call

When a call comes in, press [End key]. The caller will hear a busy tone.

Call an international number

1. In Idle mode, select 📞 or press [Send key].
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. Select 📞 or 📞 to make a call with SIM1 or SIM2.

Note: Press [Send key] will dial with default SIM card. To set default, in idle mode, press [Menu key] → **Settings** → **Multi SIM settings** → **Default SIM card option**.

5. To end the call, press [End key].

Use options during a call

You can use the following options while a call is in progress:

- To adjust the voice volume, press [Volume key] up or down.
- To open the dialing screen, select **Dialpad**.
- To activate the speakerphone feature, select **Speaker**.
- To turn off the microphone so that the other party cannot hear you, select **Mute**.
- To place a call on hold Select **Hold**.
- To retrieve a held call, press [Send key].
- To listen and talk to the other party via the Bluetooth headset, select **More** → **Bluetooth on**.
- To record the voice, select **More** → **Start recording**.
- To dial a second call, Select **More** → **Add call** and then dial a new number. You must

subscribe to the call waiting service to use this feature.

- To answer a second call when a call waiting tone sounds, press [Send key] to answer and hold the first call.
- To switch between the two calls, press [Send key] or select **More → Swap**.
- To make a multiparty call (conference call), make or answer a second call and select **More → Merge calls**, when connected to the second party. Repeat to add more parties. You must subscribe to the multiparty call service to use this feature.

View and dial missed calls

Your device will display the missed call icon ☒ in status bar when you have missed calls.

1. Open the shortcuts panel and select a missed call.
2. Select the call from the call log and select icon 📞 at the right of the number to dial.

View call logs

You can view logs of your calls filtered by their types.

1. In Idle mode, press [Send key] → Tap **Call log**.
2. Choose SIM card and call type to sort the call logs.
3. Select a call log to view its details.

From the detail view, you can dial the number, send a message to the number, or add the number to the phonebook.

Messages

Learn to create and send text (SMS), multimedia (MMS), or email messages, 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 your service provider.

Send a text message

1. In Idle mode, open the application list and select **Messaging** → **New message**.
2. Select **To** enter recipient number.
3. Select **Type to compose** and enter your message text. To insert emoticons, press [Menu key] → **Insert smiley**.
4. Select **Send by SIM1/SIM2** to send the message by different SIM card.

Send a multimedia message

1. In Idle mode, open the application list and select **Messaging** → **New message**.
2. Select **To** enter recipient number.
3. Select **Type to compose** and enter your message text. To insert emoticons, press [Menu key] → **Insert smiley**.
4. Press [Menu key] → **Attach** → an option and add an item. You can select a file from the file list or create a new photo, video, or sound.

5. Press [Menu key] → **Add subject** and add a subject for the message.
6. Select **Send by SIM1/SIM2** to send the message by different SIM card.

View a text or multimedia message

1. In Idle mode, open the application list and select **Messaging**. Your messages are grouped into message threads by contact like a messenger.
2. Select a contact.
3. Select a text or multimedia message from the message thread.
4. For a multimedia message, select the attachment (with an image file) or select ▶ to view the attachment.

Email

Learn to send or view email messages 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, and then select **Next**.
3. Select an account type (POP3 or IMAP).
4. Follow the on-screen instructions.

Send an email message

1. In Idle mode, open the application list and select **Email** → an email account.
2. Press [Menu key] → **Compose**.
3. Enter a name or address in the recipient field.
4. Select the subject field to enter a subject.
5. Select the text input field to enter your email text.
6. Press [Menu key] → **Add attachment** and attach a file. You can select a file from the file list or capture a photo, video, or sound clip.
7. Select **Send by SIM1/SIM2** to send the message by different SIM card.

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.

Delete an email account

1. In Idle mode, open the application list and select **Email**.
2. Press [Menu key] → **Accounts**.
3. Tap and hold an email account.
4. Select **Remove account**.

Entertainment

Music

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

Add music files to your device

Start by transferring files to your device or memory card:

To download from the wireless web, refer to "Download files form web".

To copy files to memory card:

1. Insert SD card.
2. Using an optional PC data cable, connect mini USB jack on your device to a PC.
3. Open the status bar and select **USB connected → Turn on USB storage**.

When connected, a pop-up window will appear on the PC.

4. Open the folder to view files.
5. Copy files form PC to SD card.

Play music

After transferring music files to your device or memory card,

1. In Idle mode, open the application list and select **Music**.
2. Select a music category → a music file.

3. Control playback with the following keys:

Icon/Key	Function
❚❚	Pause playback; Select ▶ to resume playback.
⏮	Scan backward in a file.
⏭	Scan forward in a file.
☷	Open the playlist.
⤬	Active Shuffle mode.
⟳	Change the repeat mode (off, repeating a file, or repeating all files).
Volume key	Adjust the volume.
Menu key	Access the options.
Progress bar	Move your finger on the progress bar to play a specific point in the file.

Create a playlist

1. In Idle mode, open the application list and select **Music**.
2. Select a category → a music file.
3. Press [Menu key] → **Add to playlist** → **New**.
4. Enter a title for your new playlist and select **Save**.

48

5. To add more music files to the playlist, play a file and press [Menu key] → **Add to playlist** → the new playlist.

Use the party shuffle feature

You can add all music files to the playlist that is currently playing.

1. In Idle mode, open the application list and select **Music**.
2. Select a category → a music file.
3. Press [Menu key] → **Party shuffle**.
4. To turn off the party shuffle feature, select .

Use a music as ringtone

You can use a music as ringtone:

1. In Idle mode, open the application list and select **Music**.
2. Select a category → a music file.
3. Tap and hold a music file and select **Use as phone ringtone**.

To use the current music as ringtone, press [Menu key] → **Use as ringtone**.

Camera and camcorder

Learn the basics to capture and view photos and videos. To use the camera and camcorder, you must first insert a memory card.

Capture photos

1. In Idle mode, open the application list and select **Camera**.
2. Rotate the device anti-clockwise to landscape view.
3. Drag ⬤ to ▣.
4. Aim the lens at the subject and make any adjustments.
5. Select ⬤ to take a photo. The photo is saved automatically.

Capture videos

1. In Idle mode, open the application list and select **Camera**.
2. Rotate the device anti-clockwise to landscape view.
3. Drag ⬤ to ▭
4. Aim the lens at the subject and make any adjustments.
5. Select ⬤ to start recording.
6. Select ▣ to stop recording. The video is saved automatically.

Customize camera settings

1. In Idle mode, open the application list and select **Camera**.
2. Drag ⬤ to ▣.
3. Customize by select the following icons:

Icon	Function
⚙	Set EV, scene mode, picture size, picture quality, and color effect.
⚘	Set capture mode, self timer, and anti-flicker.
⚛ ⚛	Set to capture photos with location information (latitude, longitude).Turn on/off.
☀	Adjust the color balance according to the light conditions.
1x	Zoom in or out.

Customize video recorder settings

1. In Idle mode, open the application list and select **Camera**.
2. Drag 🟠 to ▭◀
3. Customize by select the following icons:

Icon	Function
⚙	Set EV, scene mode, video quality, video duration, and color effect.
⚘	Set micro phone and anti-flicker.
☀	Adjust the color balance according to the light conditions.

Videos

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

Attention:

- Some file formats are not supported depending on the software of the phone.
- If the file size exceeds the available memory, an error can occur when you open files.

1. In Idle mode, open the application list and select **Videos**.
2. Select a video to play.
3. Rotate the device anti-clockwise to landscape view.
4. Control playback with the following icons:

Icon/Key	Function
‖	Pause playback; Select ▶ to resume playback.
◄◄	Scan backward in a file.
►►	Scan forward in a file.
Volume key	Adjust the volume.
Progress bar	Move your finger on the progress bar to play a specific point in the file.

Gallery

Learn to view photos and play videos saved in your device's memory and 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, select ⊞ or ◯ at the top right of the screen.
4. Select a photo (with no icon) to view.

While viewing a photo, use the following options:

- To view more photos, scroll left or right.
- To zoom in or out, select ⊕ or ⊖.
- To start a slideshow with photos and videos, select **Slideshow**. Tap the screen to stop the slideshow.

Play a video

1. In Idle mode, open the application list and select **Gallery**.
2. Select a folder → a video (with the ⏵ icon) to play.
3. Rotate the device anti-clockwise to landscape view.
4. Control playback with the following keys:

Icon/Key	Function

	Pause playback; Select ▶ to resume playback.
◀◀	Scan backward in a file.
▶▶	Scan forward in a file.
Volume key	Adjust the volume

Progress bar Move your finger on the progress bar to view a specific point in the video

Share images or videos

1. In Idle mode, open the application list and select **Gallery**.
2. Select a folder and press [Menu key] twice.
3. Select image or video files.
4. Select **Share** → a sharing option. Send the file via a multimedia or email message or Bluetooth or upload the file to the online album or community site.

FM Radio

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

Listen to the FM radio

1. Plug the supplied headset into the device.

2. In Idle mode, open the application list and select **FM Radio**.
3. Select ⏻ to turn on the FM radio.
4. Control the FM radio with the following keys:

Icon/Key	Function
⏻	Turn on / off the FM radio.
◀ ▶	Search for an available radio station.
◀ ▶	Change the frequency by 0.1 MHz.
➕	Add the current radio station to the favorites list.
⬛	Change the frequency by scrolling left or right on the scale bar.
Volume key	Adjust the volume

Save a radio station automatically

1. Plug the supplied headset into the device.
2. In Idle mode, open the application list and select **FM Radio**.
3. Press [Menu key] → **SearchAndOverwrite**.
4. The FM radio scans and saves available stations automatically.
5. Select the radio station you want from the all station list and return to the FM radio screen.

Personal information

Learn to manage contacts, schedule calendar events, and record. Your contacts and calendar are synchronized with the Google web server.

Contacts

Learn to use contact cards and groups to store personal information, such as names, phone numbers, and addresses.

Create a contact

To create a contact from the dial screen:
1. From the idle screen, press [Send key] to dial screen.
2. Enter a phone number and press [Menu key] → **Add to contacts** → **Create new contact**.
3. Enter contact information. To add a caller ID image, select icon → select ID picture.
4. When you are finished, select **Done** to add the contact card.

To create a contact from the contact list:
1. In Idle mode, open the application list and select **Contacts**.
2. Press [Menu key] → **New contact**.
3. Enter contact information. To add a caller ID image, select icon → select ID picture.
4. When you are finished, select **Done** to add the contact card.

Import or export contacts

1. In Idle mode, open the application list and select **Contacts**.
2. Press [Menu key] → **Import/Export**.
3. Select an option to import or export.

Note:

- To import a contact from SIM card, tap and hold the contact and select **Import**.
- To import all contacts from SIM card, press [Menu key] → **Import all**.

Find a contact

1. In Idle mode, open the application list and select **Contacts**.
2. Press [Menu key] → **Search**
3. Select the **Search contacts** field.
4. Enter the first few letters of the name you want to find.
5. Select the contact's name from the search list.

Once you have found a contact, you can:

- Call the contact by selecting 📞.
- Send a message by selecting 📧.
- Edit the contact information, press [Menu key] → **Edit contact**.

Set up a favorite contact list

You can set contacts as your favorites and manage them separately from your regular contacts. Start with adding contacts to the favorite list.

1. In Idle mode, open the application list and select **Contacts**.
2. Tap and hold a contact and select **Add to favorites**.
3. Repeat step 2 to add more contacts to the favorite contact list.

Note: To access the favorite contact list, go to the contact list and select the **Favorites** tab.

Calendar

Use the calendar to keep track of your monthly, weekly, daily schedule.

Change the calendar view

1. In Idle mode, open the application list and select **Calendar**. The calendar opens in month view.
2. Press [Menu key] → a view option:
- **Agenda**: A list of scheduled appointments for the current month.
- **Day**: Hourly blocks for one full day.
- **Week**: Hourly blocks for the days in one full week.

View multiple calendars

If you have created Google Calendar on the web and synchronized to your device, you can select a calendar to display on your device. Also, you can view scheduled events in Google Calendar.

1. In Idle mode, open the application list and select **Calendar**.

58

2. Press [Menu key] → **More** → **My calendars**. All your calendars synchronized to your device are shown in a list.
3. Select the check boxes next to the calendars to display on your device.

Create an event

1. In Idle mode, open the application list and select **Calendar**.
2. Press [Menu key] → **New event**.
3. Complete the fields and adjust the settings for your event. In the **Calendar** field, select a calendar to display (if you have more than one). In the **Reminders** field, set a reminder time before the event starts. To add reminder alarms for the event, select ⊕ to add reminder.
4. When you are finished, select **Save**.

View today's schedule

1. In Idle mode, open the application list and select **Calendar**.
2. Press [Menu key] → **Today**.
3. Select an event to view its details.

View event reminders

If you set a reminder alarm for a calendar event, the icon ☐ appears on the status bar.
1. Drag the status bar down from the top of the screen to open the notification list.
2. Select a reminder to view more details about the event.

3. To snooze or dismiss the reminder, select **Snooze all** or **Dismiss all**.

Note: You can change the reminder type. From any calendar view, press [Menu key] → **More** → **Settings** → **Set alerts & notifications**. Select **Alert** (to display a pop-up window), **Status bar notification** (to display the 🔟 icon on the status bar), or **Off** (to turn off the reminder).

Sound Recorder

Learn to use sound recorder to record the voice. You can use the recordings as ringtone.

Record the sound

1. In Idle mode, open the application list and select **Sound Recorder**.
2. Select ⚪ to start.
3. Speak to the microphone.
4. Select ⬜ to stop and select **Save** to save the file.
5. To record more, select ⚪ again.

Play the recording

1. In Idle mode, open the application list and select **Music**.
2. Select **Playlist** → **My recordings**.
3. Select a recording to play.

Web

Learn to connect to the wireless web with the built-in web browser.

Browser

Learn to access and bookmark your favorite web pages.

Note:

- You may incur additional charges for accessing the web and downloading media.
- The browser application may be labeled differently depending on your service provider.
- Available options may vary depending on your region or service provider.

Browse web pages

1. In Idle mode, select or open the application list and select **Browser**.
2. Access a web page:
- Press [Menu key] → **Bookmarks** → a bookmark.
- Press [Menu key] → **Bookmarks**, select the **Most visited** or **History** tab, and select a web page.
- Select address filed on the top of the screen to enter a web address, and select **Go**.
3. While browsing web pages, use the following features:
- To return to the previous page, press [Back key].
- To reload a web page, [Menu key] → **Refresh**.

Open multiple pages

You can open multiple pages and switch back and forth between them.

1. In Idle mode, open the application list and select **Browser**.
2. Access a web page and press [Menu key] → **New window**.
3. Open another web page on the new window.
4. Repeat steps 2 and 3 to open more web pages.
5. Press [Menu key] → **Windows** to view the web pages that are currently open.
6. Select a web page to retrieve or select ▧ to close the page.

Search for text on a web page

1. In Idle mode, open the application list and select **Browser**.
2. Press [Menu key] → **More** → **Find on page**.
3. Enter a keyword in the search field. The web page will highlight the text that matches your input.

Bookmark your favorite web pages

1. In Idle mode, open the application list and select **Browser**.
2. Press [Menu key] → **Bookmarks** → **Add**.
3. Enter a page title and a web address.
4. Select **OK**.

Copy text from a web page

You can copy text from a web page and insert it into another application for creating a note, for example.

1. While browsing web pages, press [Menu key] → **More** → **Select text**.
2. Drag your finger on the text you want. The highlighted text is copied to clipboard.
3. In another application, tap and hold the text input field.
4. Select **Paste** to insert the text into the field.

Market

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

This feature may be unavailable depending on your region.

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 10 meters without requiring a physical connection.
You do not need to line up the devices to beam information with Bluetooth. If the devices are within range of one another, you can exchange information between them even if they are located in different rooms.

Turn on the Bluetooth wireless feature

1. In Idle mode, press [Menu key] → **Settings** → **Wireless & networks**.
2. Select **Bluetooth** to turn on the Bluetooth wireless feature.

Find and pair with other Bluetooth-enabled devices

1. In Idle mode, press [Menu key] → **Settings** → **Wireless & networks** → **Bluetooth settings**
   → **Scan for devices**. Your device searches for and displays the list of Bluetooth-enabled devices.
2. Select a device from the Bluetooth device list.
3. Enter a PIN for the Bluetooth wireless feature or the other device's Bluetooth PIN, if it has one, and selects **OK**. Alternatively, select Accept to match the PIN between your device and the

device.

When the owner of the other device enters the same PIN or accepts the connection, pairing is complete. If the pairing is successful, the device will automatically search for available services.

Note:

- To pair with another Bluetooth-enabled device, both devices must use the same PIN. Some devices, especially headsets or hands-free car kits, may have a fixed Bluetooth PIN, such as 0000. If the other device has a PIN, you must enter it.
- You may not need to enter a PIN depending on the device you connect to.

Allow other Bluetooth devices to locate your device

In Idle mode, press [Menu key] → **Settings** → **Wireless & networks** → **Bluetooth settings** → **Discoverable**. Your device is visible to other Bluetooth devices for 120 seconds.

Send images or videos using the Bluetooth wireless feature

1. Select images or videos in **Gallery**.
2. Press [Menu key] → **Share** → **Bluetooth**.
3. Search for and paired with a Bluetooth-enabled device.

Receive data using the Bluetooth wireless feature

1. In Idle mode, press [Menu key] → **Settings** → **Wireless & networks** → **Bluetooth settings**

→ **Discoverable**. Your 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 (if necessary).

Received data is saved to an appropriate application or folder according to its type. For example, a music or sound clip is saved to the sound folder.

Wi-Fi

Learn to use your device's wireless networking capabilities to activate and connect to any wireless local area network (WLAN) compatible with the IEEE 802.11 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 WLAN feature

In Idle mode, press [Menu key] → **Settings** → **Wireless & networks** → **Wi-Fi**.
An active WLAN running in the background will consume battery power. To preserve battery power, activate the WLAN only when needed.

Find and connect to a WLAN

1. In Idle mode, press [Menu key] → **Settings** → **Wireless & networks** → **Wi-Fi settings**.
   The device will automatically search for available WLANs.
2. Select a network under **Wi-Fi networks**.

66

3. Enter a password for the network (if necessary).

4. Select **Connect**.

Add a WLAN manually

1. In Idle mode, press [Menu key] → **Settings** → **Wireless & networks** → **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**.

Tools

Learn how to work with your mobile device's tools and additional applications.

Clock

Learn to set and control alarms for important events.

Set a new alarm

1. In Idle mode, open the application list and select **Clock**.
2. Press [Menu key] → **Add alarm**.
3. Set alarm details in each field (time, repeat, ringtone, vibrate, and label).
4. When you are finished, select **Done**.

Stop an alarm

When an alarm sounds, select **Dismiss** to stop the alarm or **Snooze** to repeat the alarm after 10 minutes.

Delete an alarm

1. In Idle mode, open the application list and select **Clock**.
2. Press [Menu key] → **Alarms**.
3. Tap and hold an alarm you want to delete.
4. Select **Delete alarm** → **OK**.

Set alarm in silent mode

To play alarm even when the phone is in silent mode:

1. In Idle mode, open the application list and select **Clock**.
2. Press [Menu key] → **Alarms**.
3. Press [Menu key] → **Settings** → **Alarm in silent mode**.

Calculator

Use the calculator to perform basic mathematical calculations.

1. In Idle mode, open the application list and select **Calculator**.
2. Enter the numbers and operators using the calculator buttons on the screen. To clear the displayed numbers, select **CLEAR**.
3. To view the result, select **=**.

To use the advanced operators, press [Menu key] → **Advanced panel**.

Voice Dialer

Learn to dial a number or open an application by voice.

Note:

- This feature may be unavailable depending on your region.
- Your device can recognize only American English commands.
- Recognized languages may vary depending on your region.

69

Call a contact by voice dialing

You can call numbers directly by saying the contact's name or number.

1. In Idle mode, open the application list and select **Voice Dialer**.
2. Say "Call" or "Dial" and then a name or a phone number.
   Alternatively, say "Redial" to the last dialed number. The device dials the selected number.

Open an application

1. In Idle mode, open the application list and select **Voice Dialer**.
2. Say "Open" and then an application.
   The device opens the corresponding application.

SIM Manager

SIM Manager allows you manage contacts of SIM cards and your phone.

1. In Idle mode, open the application list and select **SIM Manager**.
2. Select an option to copy, delete, backup, or resume contacts to SIM card or phone.

Settings

Learn about your device settings.

To access your device settings:

1. In Idle mode, press [Menu key] → **Settings**.
2. Select a category.

Multi SIM settings

Change the settings for SIM cards.

- **Active or deactivate SIM**: Select or to active or deactivate the SIM card.
- **Select SIM when bootup**: Select which SIM you will use when bootup.
- **Default SIM card option**: Select the default SIM card.

Wireless & networks

Change the settings for wireless network connections.

- **Airplane mode**: Disable all wireless functions on your device.
- **Wi-Fi**: Turn the WLAN feature on or off.
- **Wi-Fi settings**
  - **Wi-Fi**: Turn the WLAN feature on or off.
  - **Network notification**: Set the device to notify you when an open network is available.

71

- **Add Wi-Fi network**: Add WLAN networks.
- **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 devices.
    - **Advanced settings**: FTP server and Remote SIM settings.
    - **Scan for devices**: Search for available Bluetooth devices.
- **Tethering**: Share your phone's mobile data connection via USB.
- **VPN settings**: Set up Virtual Private Network (VPN) server connections.
- **Mobile networks**: Select the label of SIM1 or SIM2 and then set the following options.
    - **Data roaming**: Set the device to connect another network when you are roaming or your home network is not available.
    - **Access Point Names**: Set up access point names (APNs).
    - **Network operators**: Search for available networks and select a network for roaming.
- **Data Connection SIM**: Set the SIM for data connection.
- **GPRS transfer pref.**: Switch call or data prefer.

Call settings

Change the settings for call functions. Select the label of SIM1 or SIM2 and then set the following

options.

- **Fixed Dialing Numbers**
  - **Enable FDN**: Restrict outgoing calls only to contacts specified in the SIM or USIM card. To activate or deactivate this feature, enter the PIN2 supplied with your SIM or USIM card and reboot the device.
  - **Change PIN2**: Change the PIN2.
  - **FDN list**: Set up a list of contacts for fixed dialing.
- **Voicemail service**: Select your service provider's voicemail service. You can also select other voicemail services if you downloaded applications that support them.
- **Voicemail settings**: Enter the number to access the voicemail service. You can obtain this number from your service provider.
- **Call forwarding**: Divert incoming calls to another number. When you divert calls, you must specify a receiving number or delay time for diverted calls.
- **Call barring**: Restrict incoming or outgoing calls. You can also change the password that you have set for call barring.
- **Call cost**: Set currency and price per unit and view the call cost. The service needs PIN2.
- **Additional settings**
  - **Caller ID**: Display your caller ID to other parties for outgoing calls.
  - **Call waiting**: Allow incoming call alerts when a call is already in progress.
- **Cell broadcast**: Turn cell broadcast on or off.

- **Cell broadcast settings**
  - **Language**: Select language.
  - **Add Channel**: Edit the channel name and number to add.

Audio effect

Change the settings for audio effect.

- **Audio effect**: Enable or disable audio effect.
- **Audio effect mode**: Select an audio effect.

Audio profile

Select the audio profile and change the settings of the profile.

- **General**: Select ◉ at the right of profile name to active the profile.
  - **Vibrate**: Set the device to vibrate to alert you to incoming calls.
  - **Volume**: Set the default volume of the call ringtone and notifications.
  - **Phone ringtone**: Select a ringtone to alert you to incoming calls.
  - **Notification ringtone**: Select a ringtone to alert you to events, such as incoming messages, missed calls, and alarms.
  - **Audible touch tones**: Set the device to sound when you touch the keys on the dialer.
  - **Audible selection**: Set the device to sound when you select an application or option on the touch screen.

- **Screen lock sounds**: Set the device to sound when you lock or unlock the screen.
- **Haptic feedback**: Set the device to vibrate when you touch the keys on the screen.
- **Silent mode**: Select ◎ at the right of profile name to active the profile. Activate the silent mode to mute all sounds.
  - **Vibrate**: Set the device to vibrate to alert you to incoming calls.
  - **Haptic feedback**: Set the device to vibrate when you touch the keys on the screen.
- **Meeting**: Setting as **General**.
- **Outdoor**: Setting as **General**.

Display

Change the settings for the display.
- **Brightness**: Adjust the brightness of the screen.
- **Auto-rotate screen**: Set the screen orientation to automatically switch when rotating the device.
- **Animation**: Set the device to display animation when you switch between windows.
- **Screen timeout**: Set the length of time the screen stays on when the device is not in use.

Location & security

Change the settings for securing your device and the SIM or USIM card, and GPS functionality.
- **Use wireless networks**: Set the device to use the wireless networking for checking locations,

75

if supported in an application.

- **Use GPS satellites**: Enable the GPS functionality for checking locations, if supported in an application. You can view locations at street level by using the GPS.
- **A-GPS**: Enable using assistant data to speed up the fixed time of location with GPS.
- **A-GPS settings**: Set the options of A-GPS.
- **Set up screen lock**: Select and set a kind of screen lock.
- **Set up SIM card lock**: Select the label of SIM1 or SIM2 and then set the following options.
    - **Lock SIM card**: Lock your SIM card by activating the PIN requirement. You need to enter the PIN supplied with your SIM card.
    - **Change SIM PIN**: Change the PIN.
- **SIM ME Lock**: Select the label of SIM1 or SIM2 and then set your password.
- **Visible passwords**: By default, the device displays your password as (**.**) for security. Set the device to display your password as you enter.
- **Select device administrators**: Add or remove device administrators.
- **Use secure credentials**: Use certificates and credentials to ensure secure use of various applications.
- **Install from SD card**: Install encrypted certificates that are stored on a memory card.
- **Set password**: Create and confirm a password for accessing credentials.
- **Clear storage**: Erase the credential contents from the device and reset the password.

Applications

Change the setting for managing installed 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.
- **Manage applications**: Access the list of the applications installed on the device and check the application information. To view the applications that are currently running or third-party applications installed additionally, press [Menu key] → **Filter**.
- **Running services**: View the services you are using and access them to manage.
- **Development**
  - **USB debugging**: Select to connect your device to a PC by using a PC data cable.
  - **Stay awake**: Set the device's screen to stay on while charging the battery.
  - **Allow mock locations**: Allow mock locations 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 will run in the background without opening applications synchronize data.
- **Auto-sync**: Set the device to synchronize contact, calendar, and email data automatically.

Privacy

Change the settings for managing your settings and data.

- **Use My Location**: Set the device to use your current location for Google services.
- **Back up my settings**: Back up the settings information to Google service.
- **Factory data reset**: Reset your settings to the factory default values and delete all your data.

SD card & phone storage

Check memory information of memory cards and your device, format the external or internal memory, and reset the device.

Language & keyboard

Change the settings for text input.

- **Select language**: Select a display language for all menus and applications, and a writing language for all text editors.
- **Android keypad**: Set the options of Android keypad.
- **User dictionary**: Set up your own dictionary. Press [Menu key] → **Add** and enter a word to save in your dictionary. The words in your dictionary will appear as word suggestions for your text inputs.

Voice input & output settings

- **Voice recognizer settings**:
  - **Language**: Select the default recognizer language.
  - **SafeSearch**: Select filter rules.
  - **Block offensive words**: Hide recognized offensive voice results.
- **Text-to-speech settings**: Change the settings for the text-to-speech feature that reads aloud text from messages or applications that support the feature.
  - **Listen to an example**: Listen to the spoken text for an example. Install voice data for using the text-to-speech feature.
  - **Always use my settings**: Set the device to use the settings you specify in applications rather than the default settings.
  - **Default Engine**: Set the speech synthesis engine to be used for spoken text.
  - **Install voice data**: Download and install voice data for the text-to-speech feature.
  - **Speech rate**: Select a speed for the text-to-speech feature.
  - **Language**: Select a language for the text-to-speech feature.

Accessibility

Set a type or intensity of the vibration as your preference. You can install accessibility applications from the web, such Talkback or Kickback.

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.

Schedule power on/off

Set time and turn on or off the feature.

Screen calibrate

Calibrate the touch screen.

About phone

Access information about your device, check the device's status, and learn how to use your device.

Troubleshooting

If you are having trouble with your mobile device, try these troubleshooting procedures before contacting a service professional.

When you turn on your device or while you are using the device, it prompts you to enter one of the following codes:

Code	Try this to solve the problems
Password	When the device lock feature is enabled, you must enter the password you set for the device.
PIN	When using the device for the first time or when the PIN requirement is enabled, you must enter the PIN supplied with the SIM. You can disable this feature by using the Lock SIM card menu.
PUK	Your SIM card is blocked, usually as a result of entering your PIN incorrectly several times. You must enter the PUK supplied by your service provider.
PIN 2	When you access a menu requiring the PIN2, you must enter the PIN2 supplied with the SIM card. For details, contact your service provider.

Your device displays "Service unavailable" or "Network error"

- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.
- You cannot access some options without a subscription. Contact your service provider for more details.

The touch screen responds slowly or improperly

If your device has a touch screen and the touch screen is not responding properly, try the following:

- Remove any protective covers from the touch screen. Protective covers may prevent the device from recognizing your inputs and are not recommended for touch screen devices.
- Ensure that your hands are clean and dry when tapping the touch screen.
- Restart your device to clear any temporary software bugs.
- Ensure that your device software is upgraded to the latest version.
- If the touch screen is scratched or damaged, take it to your local service centre.

Calls are being dropped

When you are in areas with weak signals or poor reception, you may lose your connection to the network. Move to another area and try again.

Outgoing calls are not connected

- Ensure that you have pressed the Dial key.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the phone number you are dialing.

Incoming calls are not connected

- Ensure that your device is turned on.
- Ensure that you have accessed the right cellular network.
- Ensure that you have not set call barring for the incoming phone number.

82

Others cannot hear you speaking on a call

- Ensure that you are not covering the built-in microphone.
- Ensure that the microphone is close to your mouth.
- If using a headset, ensure that it is properly connected.

Audio quality is poor

- Ensure that you are not blocking the device's internal antenna.
- When you are in areas with weak signals or poor reception, you may lose reception. Move to another area and try again.

When dialing from contacts, the call is not connected

- Ensure that the correct number is stored in the contact list.
- Re-enter and save the number, if necessary.

The device beeps and the battery icon flashes

Your battery is low. Recharge or replace the battery to continue using the device.

The battery does not charge properly or the device turns off

- The battery terminals may be dirty. Wipe both gold-colored contacts with a clean, soft cloth and try charging the battery again.
- If the battery will no longer charge completely, dispose of the old battery properly and replace it with a new battery (refer to your local ordinances for proper disposal instructions).

Your device is hot to the touch

When you use applications that require more power or use applications on your device for an

extended period of time, your device may feel hot to the touch. This is normal and should not affect your device's lifespan or performance.

Your device prompts you to delete some data

The available memory is low. Move your data to a memory card or delete old items from applications.

Your device cannot connect to the internet

- Ensure that you have entered valid settings for your internet service provider.
- Ensure that you have activated the wireless connection to your mobile service provider and that the signal is not obstructed.
- Ensure that you have entered the correct user name and password.

You cannot find a Bluetooth-enabled device

- Ensure that both devices have activated the Bluetooth wireless feature.
- Ensure that the distance between the devices is within a range and that they are not separated by walls or other obstacles.
- Ensure that each device's visibility is activated.
- Ensure that both devices are compatible with Bluetooth wireless technology

A connection is not established when you connect the device to a PC

- Ensure that the PC data cable you are using is compatible with your device.
- Ensure that you have the proper drivers installed and updated on your PC.