

USER GUIDE

P8000

Thank you for choosing the Pantech P8000, our latest smart phone.

The Pantech P8000 has many features designed to enhance your mobile experience. From its unique, stylish design and QWERTY keypad, you will enjoy the entire P8000 experience.

This User Guide contains important and useful information that will maximize your familiarity with all that the Pantech P8000 has to offer.

Important Safety Information

Safety information

The following list shows how to maintain your mobile phone, together with precautions to take.

- Keep your mobile phone and its accessories out of the reach of children and pets.
- Maintain your mobile phone in dry conditions and keep it within normal operating temperatures. It may be damaged at temperatures higher than 55°C/131°F or lower than -20°C/-4°F.
- Do not dry your phone in a microwave oven. Otherwise, sparks can occur and cause an explosion or fire.
- Do not use or store your mobile phone in dusty, dirty areas.
- Do not disassemble your mobile phone.
- Do not drop or cause severe impact to your mobile phone.
- Do not clean your mobile phone with chemical products, cleaning solvents or detergents.
- Contact your dealer immediately if your mobile phone does not work properly.
- Use only authorized batteries, battery chargers and accessories. Any malfunction or damage caused by the use of unauthorized batteries, battery chargers and accessories will void the limited product warranty.
- Ensure that the battery and the battery charger do not come in contact with conductive objects.
- For optimal performance, use cases and accessories that do not contain magnets in close proximity.

Safety precautions

Using a mobile phone while driving is prohibited.

- Using a mobile phone while driving can distract your attention and cause an accident. Always switch your phone off to drive safely.
- In an emergency, use a hands-free device built into your car, or pull it over in a safe place first.
- Please check local laws and regulations and comply with them, with regard to the prohibition of mobile phone use while driving.

Switch off in restricted areas

Always switch your phone off in areas where mobile phone use is restricted.

Switch off in an aircraft

Always switch your phone off or select the airplane mode (Tap **All Programs > Settings > Wireless & networks > Airplane mode**) when you are in an aircraft. Electromagnetic waves emitted by your phone may affect the electronic navigation equipment in the aircraft.

Switch off in hospitals and near medical equipment

Always switch your phone off in hospitals and obey their regulations. Switch your phone off when using medical equipment for private purposes, if possible. Always consult with the medical equipment's manufacturer or an expert regarding phone use near the medical equipment.

Switch off in dangerous areas

Always switch your phone off in areas where explosive or dangerous materials (e.g. fuels or chemical products) are located and obey relevant instructions or signals. Do not insert or remove your mobile phone's battery in such areas.

Install a hands-free device in a safe location

Install a hands-free device away from the steering wheel and airbag expansion areas. Otherwise you can be injured in a car accident.

Keep away from other electronic devices

Mobile phones emit electromagnetic waves that may affect nearby electronic devices. After switching on your phone, do not place it close to other electronic goods.

About the battery usage

Your phone is powered by a Lithium Ion (Li-Ion) battery. In other words, unlike other forms of batteries, you can recharge your battery while some charge remains without reducing your phone's autonomy due to the "battery memory effect" inherent in those technologies.

- Do not use a damaged battery or a charger.
- Do not disassemble or open crush, bend or deform, puncture or shred it.
- Do not modify or remanufacture, insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Do not put your battery into contact with conductive objects.
- Dispose of and recycle used batteries in accordance with local regulations. Do not dispose of batteries by burning; they may explode.

- Do not use an unauthorized charger.
- Only use the battery for the device for which it is specified.
- Only use the battery with a charging device that has been qualified with the device per this standard. Use of an unqualified battery or a charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the device per this standard, IEEE-Std-1725-2006. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Dispose of used batteries promptly in accordance with local regulations.
- Children should be supervised when they use battery.
- Avoid dropping the phone or the battery. If the phone or the battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- Use your battery for the specified purpose only.
- The closer you move to your network's base station, the longer you can use your phone because battery power is less consumed for connection.
- The battery recharging time varies depending on the remaining battery capacity and the battery and charger type.
- Battery life inevitably shortens over time.
- Use an authorized battery and a charger only.
- Since overcharging may shorten battery life, remove the phone from its charger once it is fully charged. Unplug the charger once charging is complete. Leaving the battery in hot or cold places, especially inside a car in summer or winter, may reduce its capacity and life. Always keep the battery within normal operating temperatures.

Important Safety Information

- To prevent injury or burns, ensure that no metal objects come into contact with the + and – terminals of the battery.

FCC Hearing-Aid Compatibility Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their boxes or a label located on the boxes.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

- **M-Ratings:** Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

- **T-Ratings:** Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equals M5. This is synonymous for T ratings. This should provide the hearing aid user with “normal usage” while using their hearing aid with the particular wireless phone. “Normal usage” in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

To ensure that the Hearing Aid Compatibility rating for your phone is maintained, secondary transmitters such as Bluetooth and WLAN components must be disabled during a call. See page 79 for instructions to disable these components.

FCC Regulatory Compliance

FCC Regulatory Compliance

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.

Your mobile device is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. In August 1996, the Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for mobile devices. Those guidelines are consistent with safety standards previously set by both U.S. and international standards bodies: American National Standard Institute (ANSI), National Council of Radiation Protection and Measurements (NCRP), and International Commission on Non-Ionizing Radiation Protection (ICNRP). Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. The design of your phone complies with the FCC guidelines and applicable.

Statement according to FCC part 15.105

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Statement according to FCC part 15.21

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

RF exposure FCC

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only accessories that contain no metallic components and provide a separation distance of 20 mm (0.6 inches) to the body. Use of other accessories may violate FCC RF exposure guidelines and should be avoided.

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Health and Safety Information FCC

This EUT has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-2003 Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.*

Important Safety Information

* In the U.S. and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in.

** This device contains 1800 MHz GSM functions that are not operational in U.S. Territories; this filing is applicable only for 850 MHz GSM and 1900 MHz PCS operations.

Warranty

Protect Your Warranty

Read your Warranty carefully, with the special consideration to paragraph seven of the Limited Warranty for your unit:

“Warranty does not apply to... or to any product or part thereof which has suffered through alteration... mishandling, misuse, neglect or accident.”

Many companies are making look alike accessories and in some cases, promoting that their products are equal to or better than the Pantech product. Be careful. Some of these products may not be compatible to use with your Pantech product and may damage the unit or cause it to malfunction.

If service is required on your unit and it is determined that a non-Pantech accessory has created the problem with your unit, the Warranty will not apply. In addition, if the unit has already suffered irreversible damage by the reason of a non-compatible accessory, the Warranty will be voided. To protect your Warranty, use only compatible accessories which cannot damage or interfere with the functioning of your Pantech product.

12-Month Limited Warranty

Pantech Wireless, Inc. (the Company) warrants to the original retail purchaser of this Pantech handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) months period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, key pad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase. This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This warranty does not apply to:

- (a) Products subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;
- (b) Products whose mechanical serial number or electronic serial number has been removed, altered or defaced
- (c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;
- (d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;
- (e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;
- (f) Products damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/ or fax number and complete description of the problem, transportation prepaid, to the Company by calling the number listed below or to the place of purchase for repair or replacement processing.

To locate Pantech Authorized Service Center, call: (800) 962-8622 or email HandsetHelp@Pantech.com.

Please have the following information available when you send the phone in for repair:

- A valid original Proof of Purchase
- Return address
- Daytime phone number or fax number
- Model number
- IMEI number (Look for the 15 digit IMEI number behind the battery of the device.)
- Complete description of the problem
- Transportation prepaid

Other Warranty Program

You may have other warranty program with your purchase, such as warranty exchange. If so, please refer to equipment package or the original point of sale.

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

For technical support in the U.S. & Canada, call (800) 962-8622. Or email us to HandsetHelp@Pantech.com. Or visit the web site at www.pantechusa.com.

For all other inquiries, write to:

PANTECH WIRELESS, INC.

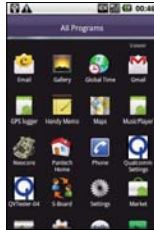
5607 Glenridge Dr. Suite 500 Atlanta, GA 30342, USA

How to use this guide


Basic instructions

To understand information contained in this user guide, please keep in mind the followings:

- It is assumed that you start operating your mobile device from the All Programs screen. You can flick the screen to find the application you want to use.



① **Note** If you start from the home screen, tap the menu button first and follow the suggested steps.

- Words in bold fonts refer to the action in the handset. For example, “Tap Add to contacts” for the screen below means that you have to tap .



① **Note** Words in capital letters refer to hard keys of the handset. For example, LOCK/PWR indicates the physical key on the top right of the handset.

- The symbol “>” refers to the next action. For example, “**Settings > Language & keyboard**” means that you should tap Settings first and Language & keyboard next.

Setting up Google account

You need to have an account of Google to enjoy a few applications of the handset. The window for creating or registering a Google account appears instantly when you try to run applications that require a Google account. If you have no Google account, you can create one at your handset.

1. Tap **Next**.
2. Tap **Create** if you don't have a Google account.
3. Tap **Sign-in** if you have a Google account.
4. Enter necessary information.

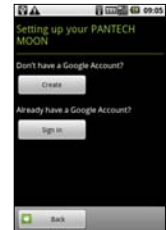
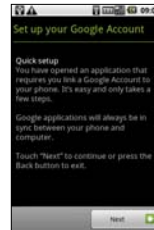


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Getting Started

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P8000

Getting Started

This chapter introduces steps that should be taken first before using this mobile device for a variety of purposes.

Inside the package

Check if the package contains the following items:

- Handset
- Battery
- SD card
- SIM card
- Adapter
- User Guide
- USB cable

You should purchase following items for the mobile device:

- A.
- B.
- C.

① **Note** Items included in the box may differ depending on software or accessories available or provided by the service provider in your country.

Installing the SIM/USIM card

1. Press and hold the latch and slide it to remove the battery cover from the device.



2. Insert the SIM/USIM card into the slot.
The gold contacts of the card should go against the metal contacts of the phone.

About the SIM/USIM card

When you subscribe to your network operator, you receive a Subscriber Identity Module (SIM) card or Universal Subscriber Identity Module (USIM) card containing your registration information, PIN code, etc. Like a credit card, it should be kept secure and handled carefully. Do not bend, scratch or expose it to moisture. Avoid static electricity.

Inserting the battery

1. Put the connector of the battery into the hole located at the top of the unit and then insert and press the lower side of the battery.
2. Put the cover back to the handset.



About the battery

Your phone uses a Lithium Ion (Li-Ion) battery. Make sure to use an authorized battery and a charger only. For more details, inquire at your nearest dealer.

- ① **Note** The Li-Ion battery can be recharged while some charge remains without reducing your phone's autonomy due to the "battery memory effect" inherent in those technologies.

Charging the battery

1. Open the protective cover on the right side and connect the charger adapter.



- ① **Note** Make sure to align the connector as indicated in the image. Otherwise, the charging connector will be damaged and the battery won't be charged.

2. Disconnect the charger from the device when the battery is fully charged.



Turning the phone on/off

To turn on,

Press and hold **Lock/PWR**.

To turn off,

Press and hold **Lock/PWR** and tap **Power off**.

Gripping the phone

In order to make calls with no problems, hold the device in the right position as indicated below:

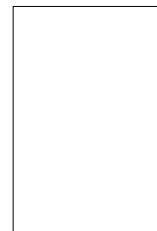


- ① **Note** Using metal accessories (stickers) on the phone, or holding the device by the internal antenna area while changing data and talking on the phone might affect the quality of all calls.

Unlocking the screen

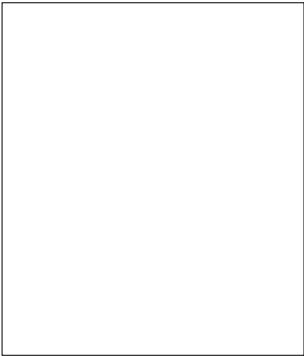
When you turn on the mobile device, the screen is locked by default. To unlock the screen:

1. Press **LOCK/PWR**.
2. Drag the arrow symbol diagonally.



Product overview

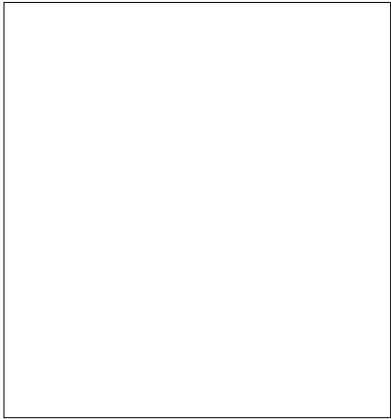
Touch mode

















Key	Function
Power	Locks the touch screen Turns on/off the phone
Back	Returns to the previous menu
Menu	Displays available options
Home	Moves to the Home screen Turns on the screen
Search	Searches an item in the device or through the Internet

Slide Up & Down	Adjusts all sound volumes Adjusts the ring mode
Camera	Turns on the camera Captures the screen
Function	Displays available options

QWERTY keypad



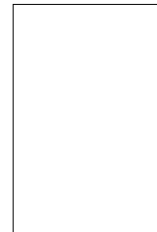
Your phone has a QWERTY keypad that provides a superior typing experience for easy and comfortable texting. You can use all of the phone functions with the keypad.

Key	Function
	Enters the relevant alphabet
 + 	Enters the key (numbers, symbols) on the top of each key
 + 	Keeps entering keys on the top
 + 	Enters the capital letter for the key
 + 	Keeps entering capital letters on the top
	Provides a space
 	Moves the cursor; moves to another field
	Enters text
	Deletes a letter on the left side of the cursor

Setting the language option











The language option is provided on your handset by default and features may differ depending on the model.




















1. Tap **Settings** > **Language & keyboard** > **Select locale**.
2. Tap a language to use for the device.
3. Press the home key to finish setting the option.



① **Note** It is recommended to set the language option before using other functions.

Indicator icons

Icon	Description	Icon	Description
	The Wi-Fi network is available.		The alarm has been set up.
	The sync is under way.		TTY is active.
	The GPS is active.		A voicemail has arrived.
	Bluetooth is connected.		The speakerphone is active.
	Strength of CDMA signal: The bar becomes bigger when the signal becomes stronger.		Airplane mode is active.

Icon	Description	Icon	Description
	There is no signal.		A call is under way.
	There is a call on hold.		There is a missed call.
	Strength of battery: The more the box turns green, the more it is charged.		The battery is being charged.
	There is an upcoming event.		Music is being played.
	A SIM card is inserted.		There is no SIM card.
	The phone vibrates when there is an incoming call.		The phone makes no sound when there is an incoming call.
	The phone rings when there is an incoming call.		The phone doesn't ring when there is an incoming call.
	The memory disk is full.		The handset is connected through the USB.
	The handset is connected to a headset.		Gallery is active.
	The video player is active.		There is an error.

Using the touch screen

You can select items and perform functions with the touch screen of your phone. The following finger actions help you easily understand how to use the touch screen.

Tap: Tap once to select or access a menu or an option.

Long tap: Tap an item and hold it for more than 2 seconds to view detailed information.

Double tap: Tap the same item twice.

Drag: Tap and hold your finger on an item and move it without losing contact with the screen.

Flick: Tap and drag your finger on an item to select and move it, then lift your finger to drop the item into place.

⚠ CAUTION

- Do not use sharp tools that can scratch the touch screen.
- Do not allow the touch screen to come in contact with water or chemicals. The touch screen may malfunction in humid conditions or in chemicals.
- Do not sit on your phone. The touch screen can be damaged.

Customizing the home screen

Home screen is the starting point to use applications on your device. You can customize the home screen for your preferences.

Navigating the home screen

P8000 has seven different screens that provide quick access to menus.

1. Drag the screen from the left to the right or vice versa.
2. Tap a desired application to run.

Adding a shortcut

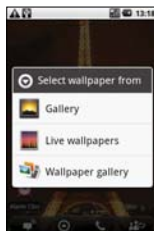
1. Long tap on the empty space of the screen for a few seconds.
2. Select an item to place on the home screen.
3. Select a home screen to place the shortcut.



① **Note** You can make a shortcut of an application by long pressing an application in **All Programs**.

Creating a wallpaper

1. Press the menu key in the idle mode.
2. Select a picture from your Gallery, Live wallpapers or Wallpaper gallery.



Deleting a shortcut or widget

1. Press a shortcut or widget you want to delete.
2. Drag it to the trash box on the bottom of the screen.



Setting Notifications

You can check or set notifications for your mobile device.

1. Tap on the top of the home screen and drag it down.
2. Tap a notification to run. The icon turns red when the function is on.



① **Note** If you turn on the Airplane mode, all the other functions won't run.

2

Communication



Calling
Messaging
Receiving and sending emails
Enjoying the Social Network Service

P8000

Communication

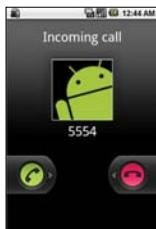
Calling

Making a call

1. Tap .
2. Enter the area code and the phone number.
3. Tap .

Answering and ending a call

1. Drag **Accept** to the right to answer the call.
2. Tap **End** to finish the call. After ending a call, its summary is displayed.



- ① **Note** When the screen of your phone is on, tap **Accept** to answer the call.
Tap **End** to reject the call.

Rejecting a call



1. Tap **Reject**.
2. Send a message to the caller if necessary.

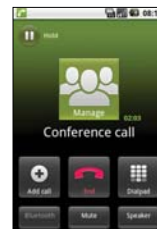
Making a multiparty call

1. Tap **Hold** during a call.
2. The second party can hear a waiting sound.
3. Tap **Swap** to change the party.




Making a conference call

1. Tap .
2. Enter the area code and the phone number.
3. Tap  to invite a third party to the call.



Making a speed dial call


You can make a speed dial call by designating numbers from 2 to 9.

1. Tap .
2. Tap the number 2. A call is made to the number that is designated as 2.

① **Note** The number 1 is designated as the voice mail by default.

Making a voice mail


You can make a voice mail by designating the number 1 for the call.

1. Tap .
2. Long tap the number 1.

① **Note** The screen moves to the voice mail number edit if the number has not been designated for the voice mail.

Making a call from the Address Book

You can make a call to the contact in the address book.

1. Enter a telephone number. Contacts that start with the first three numbers are displayed on the screen.
2. Select a contact to call.
3. Tap a contact > .

① **Note** The address book list disappears if there is no contact that matches with the entered number.

Saving a new contact

You can save a new contact while entering a telephone number.

1. Enter a telephone number.
2. Press the menu key.



3. Tap **+Add to contacts** > **+Create new contact**.
4. Enter necessary information of the contact and tap **Done**.

Making an emergency call

1. Long tap **SOS** to unlock the phone.
2. Tap **911** or other numbers for emergency calls.

Missed calls

You can check calls that you have missed in the idle mode.

1. Tap  to see the list of missed calls.
2. Select a number to call back.
3. Tap .

Talking through the speaker

1. Tap **Speaker** during a call. Speaker turns green when the function is on.
2. Tap **Speaker** after ending a call.

① **Note** If the headset is connected to the device, the speaker is not operated.

Talking through the Bluetooth

1. Tap **Bluetooth** during a call. Bluetooth turns green when the function is on.
2. Tap **Bluetooth** if you want to turn off the function.

Muting the phone

1. Tap **Mute** during a call. Mute turns green when the function is on.
2. Tap **Mute** if you want to turn off the function.

Holding a call

1. Tap **Hold** during a call.
2. Tap **Hold** to connect to another call.

Recording a call

1. Tap the menu key during a call.
2. Tap **Record** to start recording a call.
3. Tap ■ to stop recording.

① **Note** The voice won't be recorded if the memory is full. The voice will be automatically recorded until the memory is full.

Adding a call

1. Tap **Add call** to make a call to another party during a call with a party.
2. Enter the telephone number and tap **Call**.

① **Note** The party is held when you make a call with another party.

Adding an incoming call

You can wait a call during a previous call.

1. Drag **Accept** to the right to answer the call.
2. Tap **End** to finish the call.

Adjusting the volume

1. Increase or decrease the volume during a call to adjust the volume.
2. The screen returns to the normal view in a few seconds.

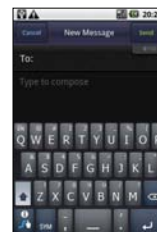
Using the headset button (Bluetooth)

1. Long press the headset button during a call to answer the call.
2. Long press again the headset button to end the call.
3. Short press the button to mute or un-mute the voice.

Messaging

Sending a new message

1. Tap **Messaging > New message**.
2. Enter the contact of the recipient using the virtual keypad or the QWERTY keypad.
3. Enter a message on the empty screen.
4. Tap **Send** to send the message or **Cancel** to undo the message.



Deleting messages

1. Tap **Messaging** and press the menu key.
2. Tap **Delete > Yes**.

Using a quick text

1. Tap **Messaging** and press the menu key.
2. Tap **Quick Text** and tap one of texts.
3. Press the menu key.
4. Tap **Send message**.

Adding a quick text

1. Tap **Messaging** and press the menu key.
2. Tap **Quick Text**.
3. Press the menu key.
4. Tap **Add New**.

Sending a new message using a template

1. Tap **Messaging** and press the menu key.
2. Tap **Templates** and select a template.
3. Press the menu key and enter a message.

Editing a template

1. Tap **Messaging** and press the menu key.
2. Tap **Templates** and press the menu key.
3. Tap **Add New** and create a template.

Attaching pictures

1. Tap **Messaging** > **New message**.
2. Enter the contact of the recipient using the virtual keypad of the QWERTY keypad.
3. Type a message on the empty screen.
4. Press the menu key.
5. Tap **Attach** > **Pictures**.
6. Select a picture from **Gallery**, **Sketch pad** or **Handy Memo**.
7. Tap **Send** to send the message.

Attaching locations

1. Tap **Messaging** > **New message**.
2. Enter the contact of the recipient using the virtual keypad of the QWERTY keypad.
3. Enter a message on the empty screen.
4. Press the menu key.
5. Tap **Attach** > **Location**.
6. Select either **Current location** or **Find** on map.
7. Tap **Send** to send the message.

Setting storage

1. Tap **Messaging** and press the menu key.
2. Tap **Settings** > **Text message limit**.
3. Set the maximum number of messages.



① **Note** You can also set the maximum number of multimedia messages by tapping **Multimedia message limit**.

Setting signature

1. Tap **Messaging** and press the menu key.
2. Tap **Settings** > **Edit signature**.
3. Enter a signature and tap **Save**.

Checking the used space

1. Tap **Messaging** and press the menu key.
2. Tap **Settings > More > Used space**.

Searching messages

1. Tap **Messaging** and press the menu key.
2. Tap **Settings > More > Search**.
3. Enter a word to search messages.

Using the voice mail

1. Tap **Messaging** and press the menu key.
2. Tap **Settings > More > Voice Mail**.

Viewing received messages

1. Tap **Messaging > Conversation**.
2. Select a message.

Replying a received message

1. Tap **Messaging > Conversation**.
2. Select a message to reply.
3. Enter a message and tap **Send**.

Receiving and sending emails

1. Tap **Email**.
2. Enter your email address and password for the first use.
3. Follow the next set-up steps.

Enjoying the Social Network Service

1. Tap **Twitter**.
2. Enter your email address and password for the first use.
3. Follow the next set-up steps.

3

Entertainment

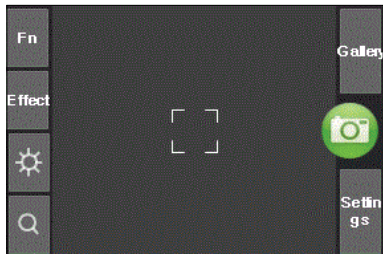
Taking pictures
Recording videos
Using the gallery
Listening to music



P8000

Entertainment

Taking pictures


You can take pictures and record videos with the built-in camera. They can be saved and sent via multimedia messages.








1. Tap **Camera** or press the camera key on the right side of the device for a few seconds.
2. Focus on the object and press .
3. Tap  to see the saved pictures.

① **Note** Pictures are saved automatically.


Selecting options

1. Tap **Camera** or press the camera key on the right side of the device for a few seconds.
2. Tap  and select an option among **White balance**, **Anti Banding**, **Color effect**, **Store location**, **Select ISO**, **Lens Shading**, **Picture Size**, **Select Picture Format**, **Picture quality**, **Focus Mode**, **Select Auto Exposure Mode**, **Sharpness**, **Contrast** or **Saturation**.


Camera menu options

Icon	Name	Description
	Shutter	Takes a picture
	Zoom	Zooms the object in or out
	Album	Views pictures
	Settings	Sets options: White balance, Anti Banding, Color effect, Store location, Select ISO, Lens Shading, Picture Size, Select Picture Format, Picture quality, Focus Mode, Select Auto Exposure Mode, Sharpness, Contrast, Saturation
	Mode	Changes to the video camera mode


Sharing pictures

1. Tap  during the camera mode or tap **Gallery** in All programs.
2. Tap a picture to select.
3. Tap **Menu** > **Share**.
4. Select one among **Bluetooth**, **Gmail**, **Picasa**, **Messaging** or **YouTube**.


Setting as wallpaper

1. Tap  during the camera mode or tap **Gallery** in All programs.
2. Tap a picture to select.
3. Tap **Menu** > **More** > **Set as** > **Tap Wallpaper**.
4. Adjust the size of the picture and tap **Save**.




Setting as contact icon

- 1. Tap  during the camera mode or tap **Gallery** in All programs.
- 2. Tap **SET AS > Contact icon**.
- 3. Select a contact.
- 4. Adjust the size of the picture and tap **Save**.



Deleting pictures

- 1. Tap  during the camera mode or tap **Gallery** in All programs.
- 2. Tap a picture to select.
- 3. Tap **Menu > Delete > Confirm Delete**.

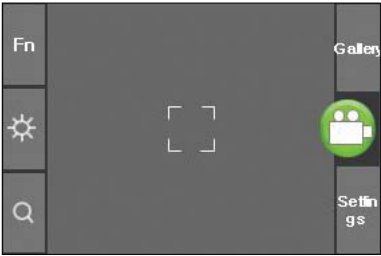
Zooming in and out pictures




- 1. Tap  during the camera mode or tap **Gallery** in All programs.
- 2. Tap a picture on the screen.
- 3. Tap  to zoom in or  to zoom in.

Adjusting brightness

- 1. Tap  during the camera mode or tap **Gallery** in All programs.
- 2. Tap .
- 3. Drag the icon to the left to reduce brightness, or to the right to increase the brightness.


Recording videos




- 1. Tap **Camcorder**.
- 2. Focus on the object and press .
- 3. You can hear the recording start sound.
- 4. Tap  to stop recording.
- 5. Tap  to see the recorded videos.




① **Note** You can run the camcorder by tapping the camera icon.

Selecting options


- 1. Tap **Camcorder > **.
- 2. Select an option among **Video quality**, **Video Encoder**, **Audio Encoder**, **Video duration**, **White balance** or **Color effect**.

Camcorder menu options


Icon	Name	Description
	Video	Records a video

Icon	Name	Description
	Album	Views videos
	Settings	Sets options: Video quality, Video Encoder, Audio Encoder, Video duration, White balance, Color effect
	Mode	Changes to the camera mode



Sharing videos

1. Tap  during the camcorder mode or tap **Gallery** in All programs.
2. Tap **SHARE** and select an option among **Bluetooth**, **Gmail**, **Picasa**, **Messaging** or **YouTube**.

Deleting videos

1. Tap  during the camcorder mode or tap **Gallery** in All programs.
2. Tap a video to select.
3. Tap **Menu** > **Delete** > **Confirm Delete**.

Adjusting brightness

1. Tap  during the camcorder mode or tap **Gallery** in All programs.
2. Tap .
3. Drag the icon to the left to reduce brightness, or to the right to increase brightness.

Using the gallery

You can see pictures and videos stored in your device.





Viewing the gallery

1. Tap **Gallery**.
2. Select a picture to see.
3. Tap the image on the screen to zoom in or out.
① **Note** Tap on the screen twice to zoom in the image to the maximum.
4. Tap **Slideshow** to see pictures in a slide show.

Viewing videos

1. Tap **Gallery**.
2. Select a video to see.
3. Tap **Movies** or **VideoPlayer** to run for the video. You can set the application by default.
4. Tap on the screen to pause, fast forward or rewind the video.
① **Note** You can see videos by tapping **Videos** in All Programs.

Video player icons

Icon	Name	Description
	Play	Plays the video
	Pause	Pauses the video
	Fast forward	Forwards the video
	Rewind	Rewinds the video

Video player settings

1. Press the menu key while a video is played.
2. Tap **Settings**.
3. Tap **Always Landscape Mode** or **Full Screen Mode**.

Listening to music

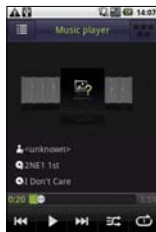
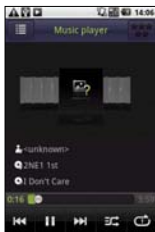
You can listen to music on your device by using MusicPlayer.

① **Note** A micro SD card must be inserted to transfer music to the device.

Playing music

1. Tap **MusicPlayer**.
2. Scroll to select a song or an album by the alphabetic order.
3. Select a file to play.
4. Tap **Play All** to listen to all the music.

① **Note** Music will stop when you receive a call, and it will resume when the call ends.



Music player icons

Icon	Description
	Pauses and plays the file
	Rewinds, Fast Forwards the file
	Moves to the previous/next file
	Shuffles files
	Does not repeat the file
	Repeats all files
	Repeats the file only
	Shows the list of files available


Creating a playlist

1. Tap **MusicPlayer**.
2. Select a file to play and tap it.
3. Press the menu key and tap **Settings**.
4. Tap **Add to Playlist > +Create New**.
5. Enter the name of the playlist and tap **OK**.

Viewing information

1. Tap **MusicPlayer**.
2. Tap a file to select.
3. Press the menu key and tap **Settings**.
4. Tap **Properties**.
5. Scroll up or down to view information.

Deleting music files

1. Tap **MusicPlayer**.
2. Tap a file to select.
3. Press the menu key and tap **Settings**.
4. Tap **Delete**.
5. Tap  to delete. When selected, the icon turns green.
6. Tap **Done**.

Setting as a ringtone

1. Tap **MusicPlayer**.
2. Tap a file to select.
3. Press the menu key and tap **Settings**.
4. Tap **Use as ringtone**.

Shuffling music

1. Tap **MusicPlayer**.
2. Press the menu key and tap **Settings**.
3. Tap **Shuffle**.

Repeating music

1. Tap **MusicPlayer**.
2. Press the menu key and tap **Settings**.
3. Tap **Repeat**.
4. Select the desired option.

Creating sound effect

1. Tap **MusicPlayer**.
2. Press the menu key and tap **Settings**.
3. Tap **Sound Effect**.
4. Add sound effect for your preferences.

4

Personal Information

Managing contacts
Using the calendar
Writing a memo
Recording a voice memo

P8000

Personal Information


Managing contacts

Viewing contacts information

1. Tap **Contacts**.
2. Tap a contact for more information.

Creating contacts information

1. Tap **Contacts** and press the menu key.
2. Tap **New contact** and enter related information.
3. Tap **Done** to save the contact information.
4. Tap **Revert** to move to the previous screen.

① **Note** You can create a contact by tapping , entering a telephone number, pressing the menu key and tapping **Add to contacts**.

Editing contacts

1. Tap **Contacts** and select a contact.
2. Press the menu key.
3. Tap **Edit contact**.
4. Edit information and tap **Done**.

Deleting contacts

1. Tap **Contacts** and select a contact.
2. Press the menu key.
3. Tap **Delete contact** > **OK**.

Importing/Exporting contacts information

1. Tap **Contacts** and press the menu key.
2. Tap **Import/Export**.
3. Select one among **Import from SIM card**, **Import from SD card** or **Export to SD card**.

Searching contacts information

1. Tap **Contacts** and press the menu key.
2. Tap **Search**.
3. Enter the name of contact using the QWERTY keypad.

Setting display options

1. Tap **Contacts** and press the menu key.
2. Tap **Display options**. Select the check box if you want to see only contacts with phone numbers.
3. Tap **Done**.

Sending contact details

1. Tap **Contacts** and select a contact.
2. Press the menu key.
3. Tap **Share** and select one among **Bluetooth**, **Gmail** and **Messaging**.

Setting contact options

1. Tap **Contacts** and select a contact.
2. Press the menu key and tap **Options**.
3. Tap **Ringtone**, select the ringtone for the contact and tap **OK**.
4. Select the check box if you want to send incoming calls from the contact to voicemail directly.

Managing accounts and sync

1. Tap **Contacts**.
2. Press the menu key and tap **Accounts**.
3. Tap **Add accounts** and select either **Corporate** or **Google**.
4. Follow the next steps for creating accounts.
5. Select the check box of **Background data** or **Auto-sync**.

Using the calendar

Setting up Google account

You should set up a Google account to use the calendar. For details on the settings, refer to the page 8.

Viewing the calendar

1. Tap **Calendar**.
You can see events when you tap a certain date in the calendar. No event is displayed if you have not set up a schedule for the date.

① **Note** When there are more than 3 events for the same date, “:” appears on the bottom of the list.

Calendar icons

Icon	Description
	Today
	Day with events
	Today with events
	Focus
	Focus with events

① **Note** Monthly view is displayed by default.

Creating a new event and editing events

1. Tap **Calendar**.
2. Tap a day and tap **Create**.
3. Tap either **Appointment**, **Task** or **Note**.
4. Enter the event and tap **Save**.


Selecting a display type

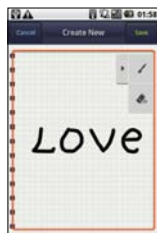
You can view events by daily, weekly or monthly basis.

Writing a memo

You can write a memo with your finger or the keypad.

Drawing a handy memo

1. Tap **Handy Memo** > **+Create New** > **Hand drawing memo**.
2. Draw a memo with your finger.
3. Tap  to select effects.
4. Adjust the thickness of the drawing and the eraser.
5. Tap **Save** or **Cancel** to save or cancel the memo.



Wring a text memo


1. Tap **Handy Memo** > **+Create New** > **Text memo**.
2. Enter a memo using the virtual keypad or the QWERTY keypad.
3. Tap **Save** or **Cancel** to save or cancel the memo.

Editing a memo

1. Tap **Handy Memo**.
2. Select a memo and tap on the screen.
3. Edit the memo and tap **Save**.

① **Note** You can also edit the saved memo. You can change the memo mode while editing a memo by pressing the menu key.

Sharing a memo

1. Tap **Handy Memo**.
2. Select a memo and tap .
3. Select one among **Bluetooth**, **Gmail** or **Messaging**.



Deleting a memo

1. Tap **Handy Memo**.
2. Press the menu key and tap **Delete**.
3. Select a memo and tap **Done**.

Recording a voice memo


You can record a voice memo by using the handset.

Using Voice Memo


1. Tap **Voice Memo**.
2. Tap  to start recording a voice memo.
3. Tap  to end recording.

① **Note** Once you have recorded voice memos, they are displayed on the screen first. Tap **+Create new** to record a new voice memo.

Listening to recorded voices

1. Tap **Voice Memo**.
2. Press the menu key and tap **Open**.
3. Select a memo to listen.
4. Tap .

Sharing a voice memo

1. Tap **Voice Memo**.
2. Press the menu key and tap **Open**.
3. Select a memo you want to share.
4. Tap .
5. Select one among **Bluetooth**, **Gmail** and **Messaging**.

Setting as a ringtone

1. Tap **Voice Memo**.
2. Press the menu key and tap **Open**.
3. Select a file you want to use as a ringtone.
4. Press the menu key and tap **Open**.
5. Tap **Set as Ringtone**.

Deleting a voice memo

1. Tap **Voice Memo**.
2. Press the menu key and tap **Open**.
3. Press the menu key and tap **Delete**.
4. Select a memo or memos to delete.

① **Note** The trash box icon on the right turns green when you select the memo.

5. Tap **Done**.

5

Documents

Viewing documents

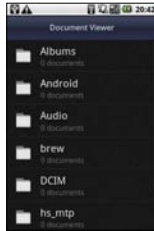
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Documents

Viewing documents

You can see documents stored in your mobile phone.

1. Tap **Document Viewer**.
2. Tap the folder where documents are stored.
3. Select a document.



Sharing documents

1. Tap the folder where documents are stored.
2. Press the menu key and tap **Share**.
3. Select one among **Bluetooth**, **Gmail** and **Messaging**.

Deleting documents

1. Tap the folder where documents are stored.
2. Press the menu key and tap **Delete**.

Renaming documents

1. Tap the folder where documents are stored.
2. Press the menu key and tap **Rename**.
3. Enter a new name for the file and tap **Save**.

6

Web

Using the Internet
Using Maps
Shopping the Android Market

P8000

Web

Using the Internet

Setting up Google account



You should set up a Google account to access the Internet. For details on the settings, refer to the page 8.

You can access the Internet and search information or visit your favorite websites. The default website is provided by your service provider.

1. Tap **Browser**.
2. Enter the keyword in the box on the screen.



Refreshing the page

1. Tap  on the top to refresh the page.
2. Tap  on the top to stop refreshing.

Visiting a new page

1. Tap the address bar on the page.
2. Enter a new URL on the address bar.

Managing bookmarks

1. Tap **Browser**.
2. Press the menu key and tap **Bookmarks**.
3. Tap a bookmarked website to access it.
4. Tap **Add bookmark** and enter the name and location of the website.

Viewing browser history

1. Tap **Browser**.
2. Press the menu key and tap **Bookmarks**.
3. Tap **Most visited** or **History**.

Using Maps



Finding my location

1. Tap **Maps**.
2. Press the menu key and tap **My Location**.



① **Note** Make sure to activate the GPS function for accurate information.

Zooming in and out

1. Tap  to zoom in the map.
2. Tap  to zoom out the map.

① **Note** You can tap on the screen to zoom in the map.

Finding directions

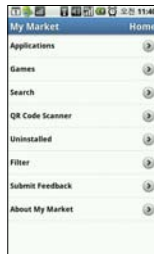
1. Press the menu key and tap **Directions**.
2. Enter the name of the place you want to visit.
3. Tap **Go**.

Searching for a place

1. Press the menu key and tap **Search**.
2. Enter the name of the place you want to visit.

Shopping the Android Market

1. Tap **Market**.
2. Select a category.
3. Follow the next steps to use the Android Market.



7

Connectivity

Using the Bluetooth
Using the Wi-Fi
Connecting to PC

P8000

Connectivity

Using the Bluetooth

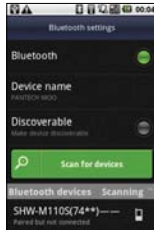
Bluetooth technology enables wireless connections between electronic devices. Using this technology, you can send images, text, business cards, calendar events and notes.

Your mobile phone supports:

- Connect to PC to access the Internet
- Connect to hands-free devices
- Connect to electronic devices.

Setting Bluetooth

1. Tap **Settings** > **Wireless & networks** > **Bluetooth settings**.
2. Tap **Bluetooth** to activate the technology.
3. Tap **Discoverable** if you let other people pair their gadget with your handset. The status lasts for 119 seconds.



① **Note** The screen turns dim if Bluetooth is not activated.

Renaming the device

1. Tap **Settings** > **Wireless & networks** > **Bluetooth settings**.
2. Tap **Device name** and enters a new name.
3. Tap **OK**.

Scanning devices

1. Tap **Settings** > **Wireless & networks** > **Bluetooth settings** > **Scan for devices**.
2. Select one among devices that appear on the bottom.

Using the Wi-Fi

Activating Wi-Fi

1. Tap **Settings** > **Wireless & networks** > **Wi-Fi settings**.
2. Tap **Wi-Fi** to activate the technology.
3. Tap **Network notification** to get notified when an open network is available.



About Network Notification

By default, you are informed that you can access a Wi-Fi network available in your current place. You can deactivate this feature if you do not want to receive notifications.

Connecting to a Wi-Fi network

1. Select a Wi-Fi network from the bottom of the screen.
2. Enter the PIN number required by each security type.
3. Tap **Connect**.



Adding new Wi-Fi networks

1. Tap **Add Wi-Fi network**.
2. Enter a network SSID.
3. Select the security type among **None**, **WEP**, **WPA/WPA2 PSK** and **802.1x Enterprise**.

Modifying network

1. Long press a network that is connected to your handset.
2. Tap **Forget network** to disconnect with the network.
3. Tap **Change password** to change the password.

Connecting to PC

You can connect your device to your computer using the PC data cable. When you connect the device to the computer, you can synchronize files and exchange data with the computer.

1. Connect the USB cable to your device.
2. Connect the other end to your computer.

8

Storage

Using the memory card

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Storage

Using the memory card

You can enjoy many activities using the SD memory card including:

- Connect to PC to store various types of files
- Camera, video, music player, and other media or applications.

Mounting the SD Card

1. Turn off the phone.
2. Open the battery cover.
3. Remove the battery.
4. Insert the SD card into the slot.
5. Insert the battery.
6. Close the battery cover.



Unmounting the SD Card

1. Tap **Settings** > **SD card & phone storage** > **Unmount SD card**.
2. Turn off the phone.
3. Open the battery cover.
4. Remove the battery.
5. Remove the SD card.
6. Close the battery cover.

Viewing available memory

1. Tap **Settings** > **SD card & phone storage**.
2. Flick the screen and check the status of the SD card and Internal phone storage.

Erasing files from the SD card

1. Tap **Settings** > **SD card & phone storage** > **Unmount SD card** > **Format SD card**.
2. Tap **Format SD Card**.

9

Tools

Clock
Calculator
Converter
Sketch Pad
Voice Dialer
Voice Search

P8000

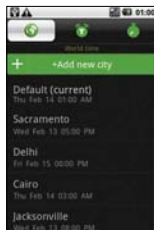
Tools

Clock


You can see the time in other major cities and time zones around the world.

Viewing the world time

1. Tap **Clocks** > **+Add new city**.
2. Enter the name of a city using the alphabet initial.
3. Select the city. The current time is displayed below.



Rearranging the order of cities

1. Press the menu key and tap **Rearrange**.
2. Select a city to relocate in the screen
3. Tap  to move the city up or down.
4. Tap **Done**.

① **Note** The city on the top of the screen is the current city where you are located.

Deleting a city

1. Press the menu key and tap **Delete**.
2. Select a city to delete and tap the trash icon on the right.
3. Tap **Done**.

Using the timer

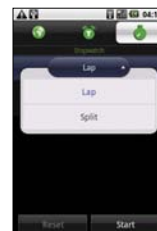
1. Tap **Clocks** > **Timer**.
2. Drag the hour, minute and second.
3. Tap **Save**. The time appears on the screen.
4. Tap **Start**.



① **Note** You can reset the time by tapping **Reset** while the timer is running.

Using the stopwatch

1. Tap **Clocks** > **Stopwatch** > **Start**.
2. Tap **Lap** and tap **Lap** or **Split**.
3. Tap **Reset** to restart the stopwatch.



Calculator

You can perform basic mathematical calculations with the calculator in your phone.

Using the calculator

1. Tap **Calculator**.
2. Enter a number and tap a mathematical sign you want to calculate.
3. Tap **C** to delete a number and long press **C** to delete the whole number.



① **Note** You can calculate numbers down to six decimal places.

Saving the calculation

1. Press the menu key during a calculation.
2. Tap **Save** and enter the file name.
3. Tap **Done**.

Editing the saved calculation

1. Press the menu key.
2. Tap **List** and select a calculation.
3. Tap the calculation and edit it.

Converter

You can convert length, volume, weight, temperature, area, and speed.

1. Tap **Converter**.
2. Select a unit to use as a measurement. Length is selected by default.
3. Enter a number you want to change and select the original unit by dragging the wheel in the middle of the screen.
4. Select a unit you want to change. The changed value promptly appears.



Changing the unit

1. Tap **Converter**.
2. Tap the unit on the top of the screen and tap another unit in the list. You can change the unit by tapping ◀ or ▶.

Resetting the conversion

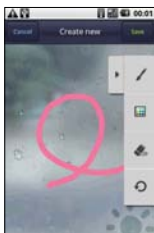
1. Tap **Converter**.
2. Press the menu key and tap **Reset**.

Sketch Pad

You can sketch a drawing.

1. Tap **Sketch Pad** > **+Create new**.
2. Sketch a drawing and tap **Save**.
3. Enter the file name.

① **Note** A file name cannot contain any of the following characters: \ / ; * ? < > | .



Deleting a drawing

1. Tap **Sketch Pad**.
2. Press the menu key and tap **Delete**.
3. Check the file you want to delete and tap **Done**.

Adding special effects

1. Tap **Sketch Pad** > **+Create new**.
2. Press the menu key and tap **Background**.
3. Select a background you want to set as a background of the drawing.

Editing a drawing

1. Tap **Sketch Pad** and tap the drawing you want to edit.
2. Press the menu key and tap **Edit**.
3. Edit the drawing and tap **Save**.

Setting as wallpaper

1. Tap **Sketch Pad** and tap the drawing you want to set as wallpaper.
2. Press the menu key and tap **Set as wallpaper**.

Sharing a drawing

1. Tap **Sketch Pad** and tap the drawing you want to share.
2. Press the menu key and tap **Share**.
3. Select one among **Bluetooth**, **Gmail**, **Messaging** or **Picasa**.

Voice Dialer

You can make call by speaking on the phone.

1. Tap **Voice Dialer**.
2. Say a key word.
3. Select a telephone number to call.



Voice Search

You can search in the Internet by speaking on the phone.

1. Tap **Voice Search**.
2. Say a key word.



Setting search options

1. Tap **Voice Search**.
2. Say a key word.
3. Press the menu key when the search results appear.
4. Tap **Settings > SafeSearch**.
5. Tap among **Off**, **Moderate** or **Strict** to determine whether to filter the search results.



10

Settings

- Personalize
- Wireless & networks
- Call settings
- Sound & display
- Location & security
- Applications
- Accounts & sync
- Privacy
- SD card & phone storage
- Search
- Language & keyboard
- Accessibility
- Text-to-speech
- Date & time

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Settings

Personalize

Setting contextual themes

1. Tap **Settings** > **Personalize** > **Contextual Themes**.
2. Tap a theme among **User theme**, **Communication**, **Travel**, **Work** or **Free Time**.
3. Tap **Done**.

Setting home wallpaper

1. Tap **Settings** > **Personalize** > **Home Wallpaper**.
2. Tap among **Gallery**, **Live wallpapers** or **Wallpaper gallery**.
3. Select an image you want to use as wallpaper and tap **Set wallpaper**.

Setting lockscreen wallpaper

1. Tap **Settings** > **Personalize** > **Lockscreen wallpaper**.
2. Tap either **Gallery** or **LockScreen gallery**.
3. Select an image you want to use as lockscreen wallpaper and tap **Set lockscreen wallpaper**.

Setting emergency contacts

1. Tap **Settings** > **Personalize** > **Emergency Contacts**.
2. Enter the contact number for emergency call and tap **OK**.
The number appears on the lockscreen.



Wireless & networks

Setting Airplane mode

1. Tap **Settings** > **Wireless & networks** > **Airplane mode**. All other functions will not run if you select this option.
2. Tap **Airplane mode** again to activate other functions.

Setting Wi-Fi network

1. Tap **Settings** > **Wireless & networks** > **Wi-Fi**.
2. Tap **Wi-Fi settings** to manage the wireless network.
Refer to the page 41 for more information.

Setting Bluetooth

1. Tap **Settings** > **Wireless & networks** > **Bluetooth**.
2. Tap **Bluetooth settings** to manage the wireless technology option. Refer to the page 41 for more information.

Setting VPN settings

1. Tap **Settings** > **Wireless & networks** > **VPN settings** > **Add VPN**.
2. Tap among **Add PPTP VPN**, **Add L2TP VPN**, **Add L2TP/IPSec PSK VPN** or **Add L2TP/IPSec CRT VPN**.

Setting mobile networks

1. Tap **Settings** > **Wireless & networks** > **Mobile networks**.
2. Tap **Data roaming** to connect to data services when roaming.

① **Note** You may incur significant charge when roaming.


3. Tap **Use only 2G networks**. You can save battery.

Call settings

Managing fixed dialing numbers

1. Tap **Settings** > **Personalize** > **Call settings** > **Fixed Dialing numbers**.
2. Tap among **Enable FDN**, **Change PIN2** or **FDN list**.

Setting the voicemail

1. Tap **Settings** > **Personalize** > **Call settings** > **Voicemail settings**.
2. Enter the voicemail number or tap  and select a contact to designate as the voicemail recipient.
3. Tap **OK**.

Setting TTY mode

1. Tap **Settings** > **Personalize** > **Call settings** > **TTY mode**.
2. Tap among **TTY Off**, **TTY Full**, **TTY HCO** or **TTY VCO**.
3. Tap **OK**.

Sound & display


Setting silent mode

1. Tap **Settings** > **Personalize** > **Sound & display** > **Silent mode**. All other sound except the media volume alarms are silenced if you select this option.
2. Tap **Silent mode** again to activate other functions.

Setting phone ringtone

1. Tap **Settings** > **Personalize** > **Sound & display** > **Phone ringtone**.
2. Select a ringtone in the list.
3. Tap **OK**.


Adjusting the media volume

1. Tap **Settings** > **Personalize** > **Sound & display** > **Media volume**.
2. Drag  to the right or left.
3. Tap **OK**.

Setting orientation

1. Tap **Settings** > **Sound & display** > **Orientation**.

Setting brightness

1. Tap **Settings** > **Sound & display** > **Brightness**.
2. Drag  to the right or left.
3. Tap **OK**.

Setting screen timeout

1. Tap **Settings** > **Sound & display** > **Screen timeout**.
2. Select the time interval to turn off the screen.
3. Tap **OK**.

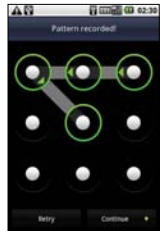
Location & security

Setting my location

1. Tap **Settings** > **Location & security** > **Use wireless networks**.
2. Tap **Agree** to allow Google's location service to collect anonymous location data.
3. Tap **Use GPS satellites** if you want to find street-level locations.

Setting screen lock with a pattern lock

1. Tap **Settings** > **Location & security** > **Set screen lock** > **Pattern lock**.
2. Read "Securing your phone" page and tap **Next**.
3. Watch how to set up the pattern and tap **Next**.
4. Drag your pattern on the screen and tap **Continue**.
5. Drag the patten again and tap **Confirm**.



Setting screen lock with a password

1. Tap **Settings** > **Location & security** > **Set screen lock** > **Password lock**.
2. Enter numbers as a password.
3. Enter the numbers again to confirm the password.
4. Tap **OK**.

Setting SIM card lock

1. Tap **Settings** > **Location & security** > **Set up SIM card lock**.
2. Tap **Lock SIM card** and enter the SIM PIN if you want to require PIN to use the phone.
3. Tap **Change SIM PIN** and enter the old SIM PIN and a new SIM PIN if you want to change the SIM PIN.

Setting the credential storage password

1. Tap **Settings** > **Location & security** > **Set password**.
2. Enter a new password and confirm it.
3. Tap **OK**.

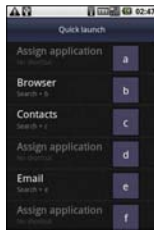
Applications

Allowing unknown source

1. Tap **Settings** > **Applications**.
2. Tap **Unknown sources** if you want to allow non-market applications to be installed on the phone.

Setting keyboard shortcuts for applications

1. Tap **Settings** > **Applications** > **Quick launch**.
2. Tap one of the alphabets and select an application for the shortcut.



① **Note** You can re-assign a shortcut for an application.

Viewing services and applications that are active

1. Tap **Settings** > **Applications** > **Running services**.
2. Tap a service or an application to stop its operation or to manage its option.

Debugging USB

1. Tap **Settings** > **Applications** > **Development**.
2. Tap **USB debugging** if you want to allow the debug mode when USB is connected.
3. Tap **OK** on the page about USB debugging.

Maintaining the staying condition

1. Tap **Settings** > **Applications** > **Development**.
2. Tap **Stay awake** if you want to keep your phone awake while it is being charged.

Accounts & sync

Managing the background data

1. Tap **Settings** > **Accounts & sync**.
2. Tap **Background data** if you want to sync, send and receive data at any time.
3. Tap **Add account** on the bottom of the screen if you want to add an account.

Allowing background data to sync automatically

1. Tap **Settings > Accounts & sync**.
2. Tap **Auto-sync** if you want to sync data automatically.

Privacy

Setting privacy information

1. Tap **Settings > Privacy**.
2. Tap **Use My Location** if you allow Google's search results and other services to use my location.

Backing up settings

1. Tap **Settings > Privacy**.
2. Tap **Back up my settings** if you want to back up your settings.

Resetting the phone

1. Tap **Settings > Privacy**.
2. Tap **Factory data reset** if you want to erase all the data of the phone.
3. Tap **Reset phone**.

SD card & phone storage

Viewing the status of storage

1. Tap **Settings > SD card & phone storage**. You can view the total space and available space for the SD card.

2. Tap **Unmount SD card** if you want to unmount the SD card from your phone safely.

① **Note** You should unmount the SD card from the phone and install on the phone after you tap **Unmount SD card**.

Search

Receiving suggestions from Google

1. Tap **Settings > Search > Google search settings**.
2. Tap **Show web suggestions** if you allow suggestions from Google to be displayed.
3. Tap **Search history** if you allow search history to be displayed.

① **Note** You should have a Google account to show the search history. For details on the settings, refer to the page 8.

Setting quick search box

1. Tap **Settings > Search > Google search settings**.
2. Tap **Searchable items**.
3. Select an item or items that will be included for search.
4. Tap **Clear search shortcuts** if you want to clear shortcuts to recently chosen search results.

Language & keyboard

Setting the language option

1. Tap **Settings > Language & keyboard > Select locale**.
2. Tap a language to use for the device.
3. Press the home key to finish setting the option.

Setting Swype

1. Tap **Settings** > **Language & keyboard** > **Swype**.
2. Set your preferences.

Setting the Android keyboard

1. Tap **Settings** > **Language & keyboard** > **Android keyboard**.
2. Set your preferences.

Setting the device keyboard

1. Tap **Settings** > **Language & keyboard** > **Device keyboard**.
2. Set your preferences.

Accessibility

Setting the accessibility option

1. Tap **Settings** > **Accessibility**.
2. Tap **Accessibility**.

Text-to-speech

You can listen to a text file by transforming it to a speech file.

1. Tap **Settings** > **Text-to-speech**.
2. Tap **Text-to-speech**.
3. Install the voice data required for speech synthesis.

Date & time

You can allow date and time to be set automatically.

1. Tap **Settings** > **Date & time**.
2. Tap **Automatic**.

① **Note** Set date, Select time zone and Set time will not work if you tap Automatic.

Setting the date

1. Tap **Settings** > **Date & time** > **Set date**.
2. Enter month, day and year for the phone.
3. Tap **Set**.

Setting the time zone

1. Tap **Settings** > **Date & time** > **Select time zone**.
2. Select a time zone in the list.

Setting time

1. Tap **Settings** > **Date & time** > **Set time**.
2. Enter minute and hour for the phone.
3. Tap **Set**.

Selecting date format

1. Tap **Settings** > **Date & time** > **Select date format**.
2. Select a preferred date format.
3. Tap **OK**.

Appendix

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Appendix

To update software

You can update your software without visiting the nearest dealer.

1. Tap **Settings > Software Update**.
2. Tap **Check for Update > Yes** to check whether you need to update the software.

① **Note** After downloading the software, the device will ask you whether to update the software now. If you choose to update the software now, it will restart the handset. If you postpone updating the software, you can select between 30 minutes, 1 hour or 4 hours in Options. After selecting the updating time, you will be sent back to standby mode. If you go to Software Update while you postpone the process, tap **Continue Update**.

To view the version of software

1. Tap **Settings > About phone**.
2. Scroll down to see the version of software.

PC Suite

PC suite is a Windows-based program that allows you to easily manage personal data and multimedia files by connecting your phone to a PC. The application can be downloaded at <http://www.pantechusa.com>.

System requirements

- Microsoft Windows 2000 or XP family, Windows7 and Vista 32 bit
- At least 300MB of free disk space
- Interface devices such as USB or Bluetooth for connection with the phone

PC Suite features:

- PC Suite launcher
- Contact Manager
- PC Sync
- Message Manager
- File Manager
- MMS PC Composer
- Internet Access

Troubleshooting checklist

When audio quality is poor: End a call and try again.

When the other party cannot hear you speaking:

Your phone may be set to MUTE. Disable the MUTE function. Or your hand may be covering the microphone.

When battery lifetime is shorter than usual:

This may happen when you are in an area with low signal strength. Turn off your phone when it is not in use. Change the battery when battery energy is exhausted.

When you can not turn on your phone:

Make sure your battery is charged. Check to see if your phone works while recharging the battery.

When you are unable to send a message:

Either you are not registered to receive an SMS service, or you may be in an area where your network service provider cannot provide such a service.

When you are unable to make a call:

Your phone may be set to “fixed dial.” Cancel the “fixed dial” function.

When you are unable to charge the battery:

This may be the result of one of the following three cases.

1. Your charger may be out of order. Contact your nearest dealer.
2. You may be attempting to use the phone in an overly hot/cold temperature. Try changing the charging environment.
3. Your battery may have not been connected to the charger properly. Check the connector.

When you are unable to input data into your Address Book:

Your Address Book memory may be full. Delete some entries from your Address Book.

When you are unable to select a certain function:

You may not have subscribed to that function, or your network service provider may be in an area where such service cannot be provided. Contact your local service provider.

Specifications

Design

Touch QWERTY Slider

Displays

262k colors TFT with 3.1” display

320*480 (HVGA) pixels in resolution

Melodies

MP3, AAC, AAC+, eAAC+ and WMA.

Camera

Integrated 3M CMOS Camera with AF (Auto Focus)

- Resolution up to 2048 x 1536 (3,145,728 pixels)
- Video Encoding/Decoding up to 24f/s (HVGA size)

- Photo album and video album

Dimensions & Weight

- Weight: 147g/5.19oz (with standard battery)
- Dimensions: 113 x 58 x 14.25mm (4.45”x 2.28”x 0.56”)

Power Management (Performance)

Battery Type	Capacity	Standby Time	Talk Time
Standard Lithium-Ion (Li-ion)	1500 mAh	Minimum 250 hours	Minimum 3 hours

Operating Frequency

- GSM/GPRS/EDGE 850/900/1800/1900 MHz, UMTS/HSDPA 850/1900/2100 MHz networks in North America, South America, Europe, Africa, and Asia-Pacific where these networks are supported.
- Automatic band switching

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