V860

User Manual

LEGAL INFORMATION

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Contents

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Guo Grace 11-9-8 1:32 PM
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For Your Safety

General Safety

	Don't make or receive handheld calls while driving. And never text while driving.		Don't use at petrol stations.
	Keep your phone at least 15mm away from your ear or body while making calls.		Your phone may produce a bright or flashing light.
	Small parts may cause a choking.		Don't dispose of your phone in fire.
	Your phone can produce a loud sound.		Avoid contact with anything magnetic.
	Keep away from pacemakers and other electronic medical devices.		Avoid extreme temperatures.
	Switch off when asked to in hospitals and medical facilities.		Avoid contact with liquids. Keep your phone dry.
	Switch off when told to in aircrafts and airports.		Don't take your phone apart.

	Switch off when near explosive materials or liquids.		Only use approved accessories.
	Don't rely on your phone for emergency communications.		

Radio Frequency (RF) Energy

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

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

The exposure standard for wireless 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. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the poser required to reach the network. In general, the closer you are to a wireless base

station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.08 W/kg and when worn on the body, as described in this user guide, is 0.693 W/kg (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

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

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of **http://www.fcc.gov/oet/ea/fccid/** after searching on FCC ID: Q78-ZTEA316.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do n t use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

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zte 11-4-27 12:25 PM
Comment [1]:

zte 11-4-27 12:25 PM
Comment [2]:

CHB 11-4-27 8:20 PM
Comment [3]:

FCC 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.

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

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.

Distraction

Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands free kit) can cause distraction and lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Operating Machinery

Full attention must be given to operating the machinery in order to reduce the risk of an accident.

Product Handling

General Statement on Handling and Use

You alone are responsible for how you use your phone and any consequences of its use.

You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety

measures designed to protect users and their environment.

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.

Do not expose your phone or its accessories to open flames or lit tobacco products.

Do not expose your phone or its accessories to liquid, moisture or high humidity.

Do not drop, throw or try to bend your phone or its accessories.

Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.

Do not paint your phone or its accessories.

Do not attempt to disassemble your phone or its accessories, only authorized personnel can do so.

Do not expose your phone or its accessories to extreme temperatures, minimum - [5] and maximum + [50] degrees Celsius.

Please check local regulations for disposal of electronic products.

Do not carry your phone in your back pocket as it could break when you sit down.

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it.

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They could hurt themselves or others, or could accidentally damage the phone.

Your phone contains small parts with sharp edges that may cause an injury or may become detached and create a choking hazard.
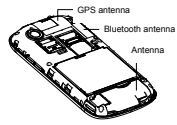
Demagnetization

To avoid the risk of demagnetization, do not allow electronic devices or magnetic media close to your phone for a long time.
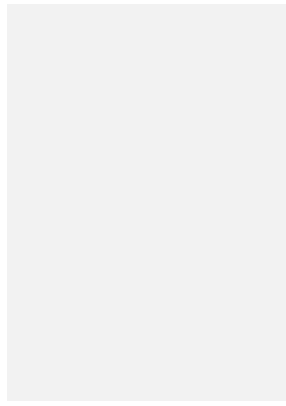
Electrostatic Discharge (ESD)

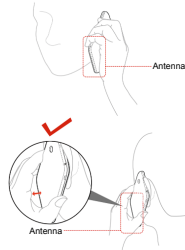Do not touch the SIM card's metal connectors.

Antenna

Do not touch the antenna unnecessarily.

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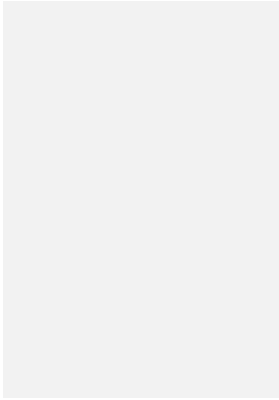**Normal Use Position**

When placing or receiving a phone call, hold your phone to your ear, with the bottom towards your mouth.

Antenna

Antenna

Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area.

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Store the phone safely before driving your vehicle.

Seizures/ Blackouts

The phone can produce a bright or flashing light.

Repetitive Motion Injuries

To minimize the risk of RSI when texting or playing games with your phone:

Do not grip the phone too tightly.

Press the buttons lightly.

Use the special features which are designed to minimize the times of pressing buttons, such as Message Templates and Predictive Text.

Take lots of breaks to stretch and relax.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Loud Noise

This phone is capable of producing loud noises, which may damage your hearing. Turn down the volume before using headphones, Bluetooth stereo headsets or other audio devices.
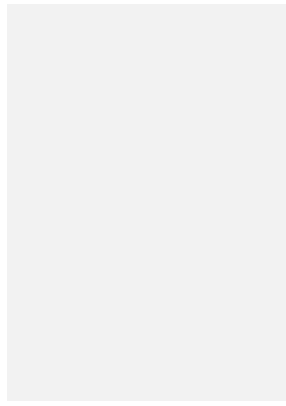
Phone Heating

Your phone may become warm during charging and during normal use.

Electrical Safety

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit in the battery terminals.

Connection to a Car

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessory.

Only qualified personnel can service or repair the phone or its accessory.

If your phone or its accessory has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service centre.

Interference

General Statement on Interface

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.

The level of interference will depend on the type of hearing device and the distance from the interference source, increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Devices

Please consult your doctor and the device manufacturer

to determine if operation of your phone may interfere with the operation of your medical device.

Hospitals

Switch off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Switch off your wireless device whenever you are instructed to do so by airport or airline staff.

Consult the airline staff about the use of wireless devices on board the aircraft. If your device offers a 'flight mode', this must be enabled prior to boarding an aircraft.

Interference in Cars

Please note that because of possible interference to electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a hands-free kit with an external antenna is included in the installation.

Explosive Environments

Petrol Stations and Explosive Atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment.
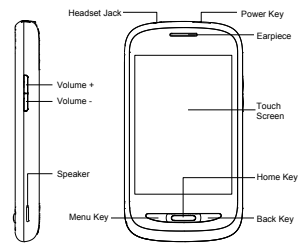
Areas with potentially explosive atmospheres include fuelling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.
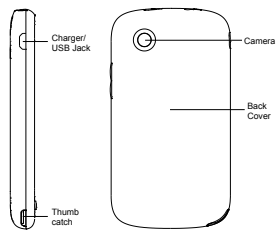
Blasting Caps and Areas

Power off your mobile phone or wireless device when in a blasting area or in areas posted power off "two-way radios" or "electronic devices" to avoid interfering with blasting operations.

Getting Started

Overview

Headset Jack
Power Key
Earpiece
Volume +
Volume -
Touch Screen
Speaker
Home Key
Menu Key
Back Key

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Charger/
USB Jack

Camera

Back
Cover

Thumb
catch

Keys Explained

Key	Function
Power Key	Hold to turn on or off Silent or Airplane mode, or to power off. Press to switch your phone to Sleep mode. Press to wake up your phone.
Home Key	Press to return to the Home Screen from any

Key	Function
	application or screen. Hold to see recently used applications.
Menu Key	Press to get the options for the current screen.
Back Key	Press to go to the previous screen.
Volume Keys	Press **Volume +** to turn the volume up. Press **Volume -** to turn the volume down.

Starting up

Installing the SIM/microSD Card and Battery

Switch off your phone before installing or replacing the battery, SIM, or memory card.

1. Remove the back cover.

2. Hold the SIM with the cut corner oriented as shown and

slip it into the card holder.
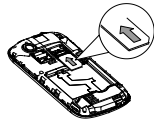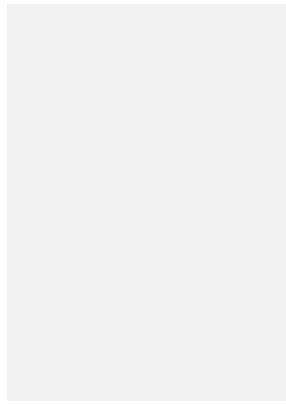
3. Open the microSD card holder, hold your microSD card by the cut corner end and slide it in.
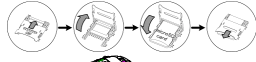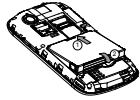

microSD logo is a trade mark of the SD Card Association.

4. Insert the battery by aligning the gold contacts on the

battery with the gold contacts in the battery compartment. Gently push down on the battery until it clicks into place.

5. Press the cover gently back into place until you hear a click.

Removing the Battery and SIM/microSD Card

1. Make sure that your mobile phone is off.
2. Remove the back cover.
3. Lift the battery up and out.
4. Slide the SIM out.
5. Open the microSD card holder. Slide the microSD card down gently and remove it.

Charging the Battery

When you first get your new phone you'll need to charge the battery like this…

1. Connect the adapter to the charger jack. Ensure that the adapter is inserted with the correct orientation. Do not

force the connector into the charger jack.
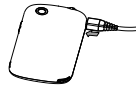
2. Connect the charger to a standard AC wall outlet.
3. Disconnect the charger when the battery is fully charged.

Switching Your Phone On/Off

Make sure the SIM is in your device and the battery is charged.

- Hold **Power Key** to switch on your phone.
- To switch it off, hold **Power Key** to get the phone options. Select **Power off**, and then tap **OK**.

Setting Up Your Phone for the First Time

When you first power on your phone after you purchase it or reset it to factory settings (see *Sorting out Your Phone Settings – Privacy: Reset to Factory Settings*), you need to do some settings before using it.

1. Tap **Change language** to change the language you want to use, if needed.

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2. Tap the Android robot on the screen.
3. **Create** a Google Account or **Sign in** your account.

  You can also tap **Skip** to set up an account later.
4. Configure the Google location options and tap **Next**.
5. Configure the date and time options, and tap **Next**.

Switching to Sleep Mode

To save battery power, Sleep Mode suspends your device to a low-power-consumption state while the display is off. Your device also goes into Sleep Mode by itself when the display is automatically turned off after a certain period of time, which you can set in **Settings > Display > Screen timeout**.

Press **Power Key** to switch to Sleep Mode.

Waking up Your Phone

1. Press **Power Key** to activate your screen display.
2. Drag the 🔒 icon to the right.

NOTE: If you have set an unlock pattern, PIN or password for your phone (see *Sorting out Your Phone Settings – Security Settings*) you'll need to draw the pattern or enter the PIN/password to unlock your screen.
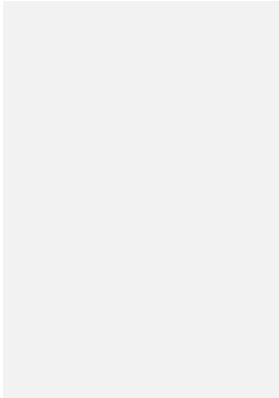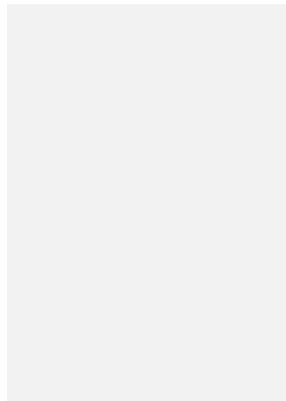
Getting Around

Touch Control

You can use finger gestures to control your phone. The controls on your touch screen change dynamically depending on the tasks you're performing.
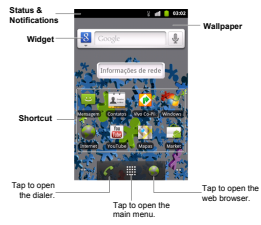
1. Tap the buttons, icons, or applications to select items or to open applications.
2. Keep your finger on an item to see the available options.
3. Flick the screen to scroll up, down, left or right.
4. Point, drag and drop to move particular items across the screen.
5. Pinch with two fingers, or double-tap the screen, to zoom in/out on a web page or an image.

NOTE: You can view the phone screen in portrait or landscape orientation simply by holding it upright or turning it on its side.

Home Screen

You choose what is shown on your Home Screen. Set your own wallpaper, add the widgets or application shortcuts you need, or remove them as you like.

Status &
Notifications

Widget

Shortcut

Wallpaper

Tap to open
the dialer.

Tap to open the
main menu.

Tap to open the
web browser.

Extended Home Screen

The Home Screen extends beyond the screen width, giving
you loads more space to add more stuff. Simply slide your
finger to the left or right, or tap the dots on the bottom corners
of the screen, to see the extended Home Screen.

Choosing Your Wallpaper

6. Tap **Home Key** to return to the Home Screen.

7. Tap **Menu Key** and select **Wallpaper**.

8. Tap **Gallery**, **Live wallpapers**, or **Wallpapers** and choose the image or animation you want to use as the wallpaper. Some cropping may be needed for **Gallery** images.

9. Tap **Save** or **Set wallpaper**.

Adding Things to Your Home Screen

10. Tap **Home Key** to return to the Home Screen.

11. Slide left or right to find a part of the Home Screen with free space.

12. Tap **Menu Key** and select **Add**.

    You can also tap and hold the blank area of the Home Screen to get the **Add to Home screen** menu.

13. Select a category, either shortcuts, widgets, or folders.

14. Choose the item you want to add to the Home Screen.

Removing Things from Your Home Screen

1. Tap **Home Key** to return to the Home Screen.

2. Tap and hold the item you want to delete until the ⊟ icon appears on the screen.

3. Drag the item to ⊟ and release your finger when the item turns red.
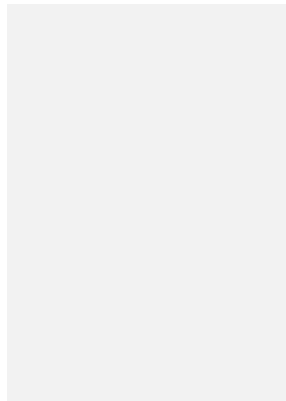
Status and Notification Icons

Your phone will tell you exactly what's going on by showing you simple icons. Here's what they mean.

	GPRS connected		No signal
	GPRS in use		Signal strength
	EDGE connected		Phone speaker off
	EDGE in use		Phone microphone off

	3G connected		No SIM installed
	3G in use		GPS on
	USB connected		Recording phone call
	Battery flat		microSD card removed
	Battery very low		Preparing microSD card
	Battery low		Connected to a Wi-Fi network
	Battery partially drained		Alarm set
	Battery full		Wired microphone headset
	Battery charging		Bluetooth on
	Syncing		Speaker on
	Vibrate mode		Problem with SMS/MMS delivery
	Airplane mode		New instant message
	New mail		Upcoming event
	New SMS/MMS		Song is playing

✉	New Gmail message	↓	Downloading data
✗	Missed call	📥	Content downloaded and installed successfully
📞	Call in progress	↑	Sending data
📶	Call on hold	🔌	USB tethering is on
🔄	Call forwarding	📡	Portable Wi-Fi hotspot is on
➕	More (not displayed) notifications	📶	New Wi-Fi network detected
⚠	Error or warning		

Using the Notification Panel
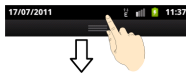
Flick the status bar downwards from across the top of the screen to open the Notification Panel, where you can see your calendar events, new messages, and current settings – such as call forwarding or call status. From here you can also open new messages, reminders, etc.

TIPS: You can also open the Notification Panel by tapping

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Menu Key > Notifications from the Home Screen.

Re-open Recently-used Applications

1. Hold **Home Key** from any screen. The phone will display icons of applications you used recently.
2. Tap the application you want to open.
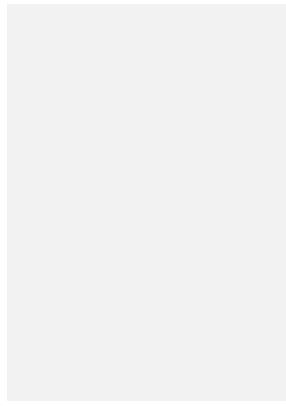
Phone Calls

How to Make Calls

There are many ways to make a call with your phone. And they're all easy to do.

Calling from the Dialer

1. Tap **Home Key >** ⊞ **> Dialer** or 📞 on the Home Screen.
2. Enter the phone number with the on-screen keypad.

   Tap ⌫ to delete wrong digits.
3. Tap 📞Chamar

TIPS: To make international calls, hold 0 to enter the "+".

Calling from Your Phonebook

1. Tap **Home Key >** ⊞ **> Phonebook**.
2. Slide your finger to scroll the contacts list and tap the contact you want to call.

   You can search for a contact by tapping 🔍 and entering the contact name.
3. Tap the phone number you wish to call.

Calling from Your Call History

1. Tap **Home Key >** ⊞ **> Calls**.
2. Tap 📞 next to the number you want to call.

Calling from a Text Message

If a text message contains a phone number that you want to call, you can make the call while viewing the text message.

1. Tap **Home Key >** ⊞ **> Messages**.
2. Tap the conversation and then the message that contains the phone number you need.
3. Tap the number.
4. Tap [Chamar]

Using Speed Dial

Press and hold 1 - 9 key from the dialer to call the corresponding speed dial number.
The number key 1 is reserved to speed dial your voicemail.

Assigning a speed dial key:

1. Tap **Menu Key > Settings > Call settings > Speed dial** from the Home Screen.
2. Tap a speed dial key.
3. Enter a phone number or tap 👤 to select one from the contact list.
4. Tap **OK**.
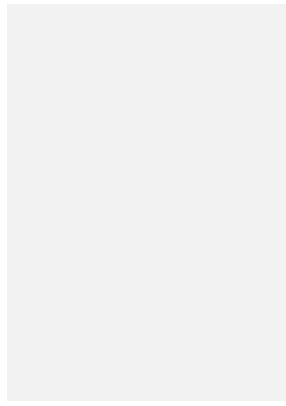
How to Receive Calls

Answering a Call
Drag 📞 to the right to answer the call.

Rejecting a Call
Drag 📞 to the left to reject the call.

Muting a Call
During a call, you can mute your microphone so that the person you are speaking to cannot hear you, but you can still hear them:

Tap **Mute** to turn your microphone off. The mute icon 🎤 will appear on the status bar. To turn your microphone back on, tap **Mute** again.

Putting a Call on Hold
During a call, you can put it on hold by tapping **Menu Key > Hold**. The 📵 icon will appear on the screen.

TIPS: If you accept an incoming call while you're on another call, the first call automatically goes on hold. Just tap **Menu**

Key > Swap calls to switch between the two callers.

Turning the Speakerphone On/Off

Tap **Speaker** during a call to turn the speakerphone on. This icon 🔊 will appear in the status bar. Tap **Speaker** again to turn off the speakerphone.

Ending a Call

Tap 📞 to finish a call.

Adjusting Your Call Settings

From the Home Screen, you can open the call settings menu by going from **Menu Key > Settings > Call settings.**

Fixed dialing numbers	Restrict outgoing calls to a fixed set of numbers. To do this you must know your SIM's PIN2 code.
Voicemail service	Select a voicemail service provider.
Voicemail settings	Specify a voicemail number.
Speed dial	Set speed dialing keys and numbers.
Call barring settings	Forbid certain types of calls.
Cell broadcast settings	Set cell broadcast channel and language.
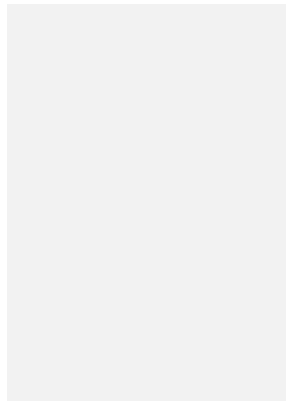
Call forwarding	Forward your incoming calls to a different number. And choose when to forward: **Always forward**; **Forward when busy**; **Forward when unanswered**, or **Forward when unreachable**.	
Additional settings	Caller ID	Choose whether people you call can see your number.
	Call waiting	See new incoming calls while you're on another call.
Accounts	Set up Internet calling (SIP) accounts.	
Use Internet calling	Choose when to use the Internet calling function.	

Phonebook

You can add contacts on your phone and synchronize them with the contacts in your Google account or other accounts that support contact syncing.

To see your contacts, tap **Home Key >** ▦ **> Phonebook**. From there, you can tap the tabs on the top to quickly switch to dialer, call log, favorite contacts, or contact groups.

Importing and Exporting Contacts

You can import or export contacts from/to your SIM card or microSD card. This is especially useful when you need to transfer contacts between different devices.

Import Contacts from the SIM Card or Export to the Card

1. Tap **Menu Key > Import/Export** from the Contacts Screen.
2. Choose to import or export contacts. Your phone will automatically display the contacts.
3. Tap the contacts you want to import or export. Or, just tap **Menu Key > Select all**.
4. Tap **OK**.

Import Contacts from the microSD Card or Export to the Card

1. Tap **Menu Key > Import/Export** from the Contacts Screen.
2. Choose to import or export contacts.
   - For export, the phone will prompt you with the name of the vCard file. Tap **OK** to create the file in the microSD card.
   - For import, you should have vCard files saved in the microSD card. If there's more than one vCard file, you need to select the vCard file and tap **OK**.

Sharing Contacts Information

1. Tap **Menu Key > Import/Export > Share visible contacts** from the Contacts Screen. Your phone will export all information of the contacts in the Contact Screen to a temporary vCard file.
2. Choose how you want to send the vCard file. You can either send it via Bluetooth to another device, or as an attachment in an Email or a Gmail message.

Creating a Contact

1. Tap ![icon] or **Menu Key > New contact** from the Contacts Screen.

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2. Tap **Contact type** to choose where to save the contact.
3. Enter the contact name and phone numbers, emails, IM accounts, postal addresses, etc.
4. Tap **Done** to save the contact.

Adding a Contact to Favorites

1. In the Contact Screen, tap and hold the contact you want to add to **Favorites**.
2. Tap **Add to favorites** from the pop-up menu.

TIPS: You can also tap a contact and then tap ⭐ next to the contact's name to add it to **Favorites**.

Searching for a Contact

1. Tap 🔍 at the bottom of the Contacts Screen.
2. Input the contact name you want to search for.

The contacts matched will be listed.

Creating a New Group

3. Tap the **Groups** tab from the Contacts Screen.
4. Tap the 🖼️ icon at the bottom of the screen.
5. Enter the group name and tap **Done**.
6. Tap the new group and tap 👤 to add group members.
7. Tick the check boxes next to the contacts you want. Then

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tap **OK**.

To send messages to the group members, you can tap [icon] next to the group and select message recipients from the listed group members.
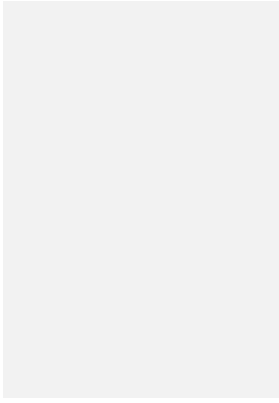
Entering Text

When you enter a field that needs text or numbers, a keyboard automatically appears on the screen. Hold the input box and select **Input method** from the pop-up menu to change input method.

Android Keyboard

The Android Keyboard provides a layout similar to a desktop computer keyboard. Turn the phone sideways and the keyboard will change from portrait to landscape.

To use the landscape keyboard, just tick the **Auto-rotate screen** check box in **Settings > Display**. (The landscape QWERTY keyboard is not supported in all applications.)
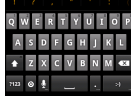
- Tap the alphabetic keys to enter letters. Tap and hold the keys to enter associated accented letters or numbers. For example, to enter è, tap and hold ▦ and the available accented letters and number 3 appear. Then slide to

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choose è.

- Tap ⬆ to use uppercase or lowercase. This key also changes to indicate the current case you are using: ⬆ for lowercase, ⬆ for uppercase, and ⬆ when locked in uppercase.
- Tap ⬅ to delete any text you have entered.
- Tap ?123 to select numbers and symbols. You can then tap ALT to find more. Also, often used symbols are displayed on top of the keyboard. Flick left or right to find the one you need and tap to enter.
- Tap :-) to enter a smiley face; hold the key and swipe to choose more emoticons.
- Tap ⊕ to change input method or set up Android keyboard.
- Tap 🎤 to use Google's networked voice input.

TouchPal Keyboard

Flick left or right to select one of the three TouchPal keyboard layouts.

Full QWERTY

q	w	e	r	t	y	u	i	o	p
a	s	d	f	g	h	j	k	l	,
⇧	z	x	c	v	b	n	m		⬅
DIC	BR	✎	...				☺ 12#	↵	
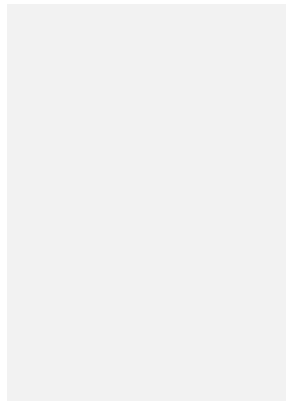
CooTek T+: Tap to enter the left letter on the key; tap and flick right to enter the right letter/symbol on the key. If word prediction is enabled (🖮), just tap and choose the right word.

q	w	e	r	t	y	u	i	o	p
a	s	d	f	g	h	j	k	l	,
⇧	z	x	c	v	b	n	m		⬅
DIC	BR	✎	...			☺ 12#	↵		

12–Key PhonePad: Tap a key repeatedly until the desired letter appears. If word prediction is enabled (🖮), just tap the keys once and choose the right word.

-	'	abc	def	?
!	ghi	jkl	mno	.
⇧	pqrs	tuv	wxyz	⬅
DIC	BR	✎	...	☺ 12#	↵

• Tap ⬅ to delete text before the cursor.

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- Tap ⬆ to switch between uppercase and lowercase. Tap twice to lock uppercase.
- Tap ⬚ to use word prediction.
- Tap ⬚ to change language. Hold it to open the TouchPal input settings, the same as pressing **Home Key > Menu Key > Settings > Language & keyboard > TouchPal**.
- Tap ⬚ to enter digits, symbols, emoticons and other pre-defined texts.
- Tap ⮐ to start a new line.
- Tap ⬚ to enter a period; hold to open text editing options. You can select, cut, copy, paste, and delete text, or move the cursor.

Choosing Touch Input Settings

Choose the touch input settings by tapping **Menu Key > Settings > Language & keyboard** from Home Screen.

In the **Keyboard settings** section, you can choose the settings for Android keyboard and TouchPal.

Messaging

Your SMS (text message) and MMS (multimedia messaging service) are combined into one menu in **Home Key > ▦ > Messages.**

The Message Box

Instead of an inbox and outbox, your phone organizes all messages you sent and received into one box, where messages exchanged with the same party are grouped into a message thread in the Messaging Screen. You can tap a message thread to see the conversation you have had with someone.

Message threads are sorted in chronological order with the latest one on top.

Sending an Message

1. Tap **Home Key > ▦ > Messages.**
2. Tap **New message**.
3. Enter the recipient's number or name. As you type, matching contacts will appear. Tap a suggested contact to add as a recipient.
4. Tap **Type to compose** and type your message.
    *   Tap **Menu Key** to insert Quick Text, signature, smiley, or contact.

- If you are sending an MMS, tap **Menu Key** to attach pictures, videos, audio, or slideshows.

5. Tap **Send** to send your text.

NOTE: Add an attachment to text message and it will be converted into an MMS automatically. Likewise if you remove all attachments from an MMS, it'll automatically become a text message.

Changing Message Settings

The phone's message settings are pre-configured for you to use immediately. To change them, tap **Menu Key > Settings** from the Messages Screen.

Storage settings:

- **Delete old messages**: Select to delete old messages when your storage limits are reached.
- **Text message limit**: Set the maximum number of text messages allowed in a single thread.
- **Multimedia message limit**: Set the maximum number of multimedia messages allowed in a single thread.

Text message (SMS) settings:

- **Delivery reports**: request a delivery report for every text message you send.
- **Manage SIM card messages**: Manage the messages saved in your SIM card.

- **SMS validity**: set the validity time limit for outgoing text messages.
- **SMS priority**: set the priority of outgoing messages.
- **Service Center**: Enables you to view and edit the service center number.

Multimedia message (MMS) settings:

- **Delivery reports**: request a delivery report for every MMS message you send.
- **Read reports**: request a read report for each MMS message you send.
- **Auto-retrieve**: automatically retrieve MMS messages.
- **Roaming auto-retrieve**: automatically retrieve MMS messages when you're roaming.
- **MMS validity**: set the validity time limit for outgoing multimedia messages.
- **MMS creation mode**: select MMS creation restrictions. An MMS created under restricted mode is more likely to be displayed properly on other devices than those created under free mode.

Notification settings:

- **Notifications**: Show message notifications in the status bar.
- **Select ringtone**: Choose a ringtone for your incoming messages.

- **Vibrate**: Make your phone vibrate when a new message arrives.

Signature settings:
- **Edit signature**: Edit your signature, which can be added automatically to outgoing messages.
- **Add signature**: Add the signature to all outgoing messages.

NOTE: Tap **Menu Key > Restore default settings** to change all the message settings back to the original.

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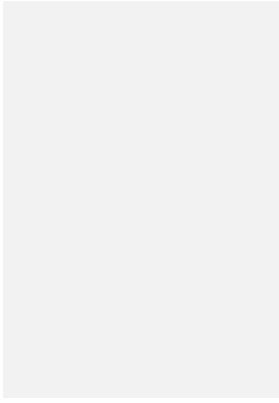
Email

Tap **Home Key > ▦ > Email**. You can enter the Email Screen to setup your Email account and exchange Emails.

NOTE: The Email service you use must support POP, IMAP, or Microsoft Exchange protocols.

Creating an Email account

1. When you open **Email** for the first time, enter your Email address and password. Then tap **Next**.

    NOTE: Some Email service providers only offer POP access to paid accounts and as a result you may not be able to sign in. Tap **OK** if you see such a warning.

2. Select the type of your account and tap **Next**.

3. Edit the settings for incoming server and outgoing server. Then tap **Next** or **Next [Check]**.

    Press **Next [Check]**, and your phone will connect to the Internet and verify the settings before proceeding to the next step. Please contact your mobile service provider and Email service provider for more help.

    NOTE: Your phone knows the client settings for lots of Email service providers. If the Email you use is from those providers, the phone will automatically configure the incoming and outgoing settings after you enter your Email address and password.

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4. Set the Email checking frequency, download options, account name and other settings. Tap **Done** when you finish.

Your phone will show the inbox of the Email account and start to download Email messages.

TIPS: To add more Email accounts, open **Email** to get the Inbox screen. Then tap **Menu Key > More > Accounts > Menu Key > Add account**.

Receiving Emails

Press **Menu Key > Refresh** to download recent Emails. You can select **Load more messages** at the bottom of the Email list to download earlier messages.

Composing and sending an Email

After creating an Email account, you can compose and send Email messages.

1. Tap **Menu Key > Compose** from the Inbox Screen.
2. Tap **To** field if needed, and enter the recipient's address.

   When you enter the address, matching contacts on the phone will be displayed. Separate each recipient with a comma.

   TIPS: You can also tap **Menu Key > Add Cc/Bcc** to add more recipients.
3. Enter the subject and the content of your Email. If

necessary, change the email priority.

Tap **Menu Key > Add attachment** to add files to the Email.

4. Tap **Send**.

Replying to or Forwarding an Email

1. Open the Email you want to reply to or forward from Inbox Screen.
2. Tap **Reply** or **Menu Key > Forward** to reply to/forward the Email.

   You can also tap **Reply all** to reply to all recipients of the Email.
3. Enter the contents/recipients of your Email.
4. Tap **Send**.

Deleting an Account

1. Open the **Email** application. If there is only one account, tap **Menu Key > More > Accounts** to get the **Accounts** list.
2. Tap and hold the account you want to delete and select **Remove account** from the pop-up menu.
3. Tap **OK** to confirm. All Email messages in the account will be deleted.

Email Settings

Tap the account you want to set from the Accounts Screen and tap **Menu Key > More > Account settings**. You can get the settings for the Email account. You can also tap **Menu Key > More > System settings** to set up storage, exchange and other settings.
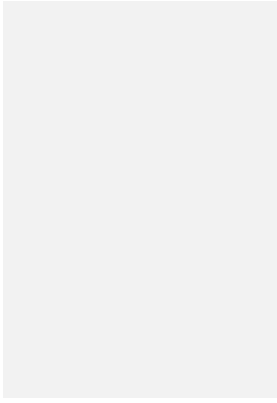
Getting Connected to the Internet

Your phone's impressive networking capabilities allow you to access the Internet or your corporate network with ease.

You can use default connection settings to connect to the web via your mobile network (GPRS/EDGE/3G), or Wi-Fi. The GPRS/EDGE/3G connection can be enabled/disabled manually. Just select ▦ **> Settings > Wireless & networks > Mobile networks** from the Home Screen and tick or clear the **Data enabled** check box.

Adding a New GPRS/EDGE/3G Connection

To get connected via GPRS/EDGE/3G you need a data plan with your service provider. Also if the GPRS/EDGE/3G settings are not pre-configured on your phone, please contact your provider to get the necessary information.

1. Tap **Home Key >** ▦ **> Settings > Wireless & networks > Mobile networks > Access Point Names**.
2. Tap **Menu Key > New APN.**
3. Tap each item to enter the information you get from your provider.
4. Tap **Menu Key > Save** to complete.

TIPS: To set the APN to default settings, tap **Menu Key > Reset to default**.

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Turning on Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet (100 meters).

1. Tap **Home Key >** ▦ **> Settings > Wireless & networks**.
2. Tick the **Wi-Fi** box to turn it on.

Connecting to a Wi-Fi Network

1. Tap **Home Key >** ▦ **> Settings > Wireless & networks > Wi-Fi settings**.

   The Wi-Fi access points, or "hotspots", that your phone has detected are displayed with their names and security settings.

2. Tap an access point to connect to it.

If security features are implemented, you'll need to enter a password.

Checking the Wi-Fi Network Status

You can check the Wi-Fi network by looking at the 📶 icon in the status bar.

Or tap the access point that the phone is currently connected to in **Wi-Fi settings**. You can then check the network status from the pop-up window.

Using the Phone as a Modem

You can access the Internet on your PC via your phone as a modem. Note the function may result in data charges from your mobile phone carrier. Please contact them for detail.

Enabling the Phone as a Modem

TIPS:

• Make sure that USB storage is turned off before enabling the modem function. To turn off USB storage, flick down the notification panel and tap **Turn off USB storage > Turn off USB storage**.

• The PC accesses the Internet via the phone's mobile network. Therefore, set up the GPRS/EDGE/3G connection correctly before you try to use the phone as a modem.

1. When you connect your phone to your PC with the provided USB cable for the first time, a window will pop up and prompt you to install the driver.

2. Double click the executable file (.exe) in the window and follow the prompt to finish the driver installation.

   NOTES: If the window doesn't pop up automatically for some reason, please open the new CD-ROM drive on your PC manually and find the executable file to run it.

3. Tap on the phone **Home Key > Menu Key > Settings > Wireless & networks > Tethering & portable hotspot**

and tick the **USB tethering** check box. A new network connection will be created on your PC.

4. Go to **Control Panel > Network** on your PC to enable the new network connection.

Now you can launch the Internet browser on your PC and start surfing.

Disabling the Modem Function

Tap **Home Key > Menu Key > Settings > Wireless & networks > Tethering & portable hotspot** and clear the **USB tethering** check box.

You can also just pull out the USB cable.

Using the Phone as a Wi-Fi Hotspot

You can use the phone as a portable WLAN router, providing Wi-Fi connection for one or multiple PC or other devices. The function need data connection on a mobile network and may result in data charges.

TIPS:

• The PC accesses the Internet via the phone's mobile network. Therefore, set up the GPRS/EDGE/3G connection correctly before you try to use the phone as a Wi-Fi hotspot.

• When the portable Wi-Fi hotspot function is enabled, you cannot access the internet with any application on your phone via its Wi-Fi connection.

Enabling the Wi-Fi Hotspot

1. Tap **Home Key > Menu Key > Settings > Wireless & networks > Tethering & portable hotspot** and tick the **Portable Wi-Fi hotspot** check box.
2. Tap **Portable Wi-Fi hotspot settings > Configure Wi-Fi hotspot**.
3. Change the name of the hotspot and its security setting, if necessary.

   The default hotspot is set as an open one. You can tap **Open** and choose **WPA2 PSK** to set up a password. The password must have at least 8 characters.
4. Tap **Save**. Now you can find the hotspot on other devices and connect to it.

Disabling the Wi-Fi Hotspot

Tap **Home Key > Menu Key > Settings > Wireless & networks > Tethering & portable hotspot** and clear the **Portable Wi-Fi hotspot** check box.

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Browsing the Internet

You can use your phone to get on the Internet via a GPRS, EDGE, 3G, or Wi-Fi connection.

Tap **Home Key > ▦ > Internet**.

There are different ways to open web pages:

Tap the address bar to enter the website you want to browse. Then tap **Go**.

Tap ▣ beside the address bar or tap **Menu Key > Bookmarks**. Select a bookmark to open.

Tap ▣ beside the address bar or tap **Menu Key > Bookmarks**. Choose an item from the **Most visited** tab or **History** tab.

Browsing Options

Press **Menu Key** to access the following options when browsing web pages.

- Open a **New window** for web browsing.
- **Exit** the Browser application.
- Access **Bookmarks**, most visited web sites, and browsing history.
- Switch browsing **Windows**.
- **Refresh** the current web page.
- Tap **More** to forward to the next web page, add

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bookmarks, search for and select text, share page URL, check page info or download history, or configure browser settings.

Tap a URL link in a web page to open, bookmark, save, share the link, or to copy the link URL.

Using Bookmarks

To bookmark a web page, open it and tap ⬜ or **Menu Key > Bookmarks**. Then tap **Add** or **Add bookmark**. Give the bookmark a name and tap **OK**.

TIPS: You can press **Menu Key > List view/Thumbnail view** to change how you view bookmarks on your phone screen.

Editing a Bookmark

1. Open a Browser window.

2. Tap ⬜ or **Menu Key > Bookmarks**.

3. Select an item you want to edit and hold on it until the shortcut menu pops up.

4. Select **Edit bookmark**.

5. Edit the name or location, and then tap **OK** to save it.

Deleting a Bookmark

1. Open a Browser window.

2. Tap ⬜ or **Menu Key > Bookmarks**.

3. Select an item you want to delete and hold on it until the shortcut menu pops up.

4. Select **Delete bookmark** and tap **OK** to confirm.

Changing Browser Settings

Tap **Menu Key > More > Settings** from a browser window to change browser settings.

Bluetooth®

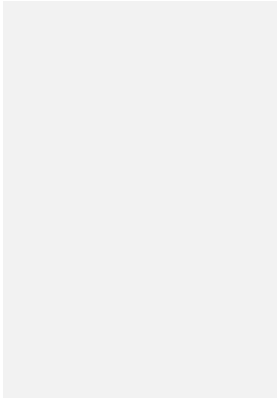Bluetooth® is a short-range wireless communication technology. Phones or other devices with Bluetooth capabilities can exchange information wirelessly within a distance of about 10 meters. The Bluetooth devices must be paired before the communication is performed.

1. Tap **Home Key >** ▦ **> Settings > Wireless & networks** and tap the check box by **Bluetooth** to turn on Bluetooth.

   When Bluetooth is on, the ✳ icon will appear in the status bar.

2. Tap **Bluetooth settings > Scan for devices**. Your phone will show all visible Bluetooth devices in range.

3. Tap the device you want to pair with and, if required, enter your PIN and tap **OK**.

   If a PIN is required, the same PIN should be entered on the other device. Refer to the document for the other Bluetooth device for information on pairing mode and PIN.

Tick the **Discoverable** check box if the other device tries to pair with your phone.

Making the Most of Multimedia

Taking Pictures with Your Camera

Your phone has a 3-megapixel camera. Open it by tapping **Home Key >** ▦ **> Camera**.

Tap ▣ to take a shot. To view it, just tap the picture in the right corner of the screen. Or select **Menu Key > Gallery** to view all your pictures.

Adjusting Camera Settings

From the Camera Screen tap ◉ to set up exposure, picture size/quality, color effect, ISO, anti-banding, saturation, contrast, sharpness, or to restore camera settings.

Tap ◉ to choose whether to save photo's geographic location.

Tap ▣ to change white balance.

Tap **1x** to zoom in or out.

TIP: To change quickly from camera to camcorder or vice versa, use the switch ▣▬ icon. Use the ▬▬ bar to adjust the brightness.

Shooting Video with Your Camcorder

Open the camcorder by tapping **Home Key >** ▦ **> Camcorder**. Then select ◉ to start shooting, and ◉ to stop. Select the picture in the right corner of the screen to

view the video you've just shot. Or tap **Menu Key > Gallery** to see all your video clips.

Adjusting Your Video Settings

From the Camcorder Screen, tap [icon] to adjust color effect, video quality, video/audio encoder, video duration, or to restore camera settings.

Tap [icon] to change white balance setting.

Tap **High/Low/MMS/YouTube** [icon] to change video quality, video/audio encoder, and video duration together.

Playing Your Music

You can play digital audio files from your phone's memory card in **Music**.

1. Tap **Home Key >** [icon] **> Music** to open the Music Screen.
2. Select **Artists/Albums/Songs/Playlists** to find the songs you want to play.
3. Tap an item from the list to start playing.
4. Adjust the volume with **Volume Keys**.

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Tap to view the
Now playing list.

Tap to turn on/off
shuffle.

Information (artist,
album and title) of
the track. Tap and
hold to search for
related information.

Tap to choose
repeating mode
(repeat off,
repeat all, repeat
the current track)

Tap to play the
previous track.

Tap to play the
next track.

Drag or tap to jump to
any part of the track.

Tap to pause or
resume the track.
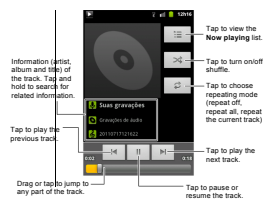
Creating Playlists

Playlists help you organize your music files:

1. Select a music file you want to add to a new playlist.
2. Tap and hold on the file until a shortcut menu pops up.
3. Tap **Add to playlist.**
4. Tap **New**.
5. Type the playlist name and tap **Save**.

Managing Playlists

1. From the Music Screen tap **Playlists** to see them all.

2. Hold on the playlist you want to play or edit until a shortcut menu pops up.

3. Tap **Play, Delete** or **Rename.**

Adding a Song to a Playlist

1. Open **Music** and find the song you need under **Artists**, **Albums**, **Songs**, or **Playlists**.

2. Hold on the song until a shortcut menu pops up.

3. Select **Add to playlist.**

4. Select a playlist.

Setting a Song as Ringtone

1. Find the music file under **Artists**, **Albums**, **Songs**, or **Playlists**.

2. Hold on the song until a shortcut menu pops up.

3. Select **Use as phone ringtone.**

Playing Your Videos

To play a video file, tap **Home Key >** ▦ **> Videos**. This will open the Videos Screen and show the video files saved in your memory card. Tap a video file to start playing.
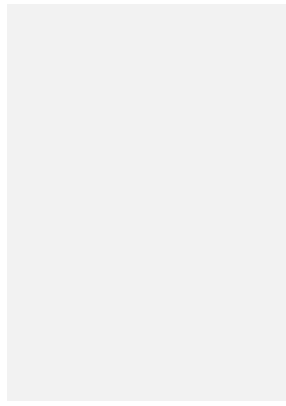
Opening Your Gallery

Gallery helps you view pictures and play videos. You can also do some basic editing of your pictures – such as setting them as wallpaper or contact icons, and sharing with friends.

Tap to return to the previous folder

Tap to return to Gallery.

Show the number of pictures in the folder

Tap to zoom

Tap to view pictures in the folder in a slideshow

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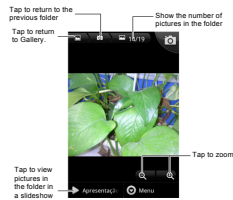
Making Memorable Memos

Sound Recorder enables you to record your voice memos. You need a microSD card to use it.

1. Tap **Home Key >** 🔲 **> Sound Recorder**.

2. Tap [ ] to start recording.
3. Tap [ ] to stop recording.
4. Tap [ ] to play back the voice recording.
5. Tap **OK** to save the voice recording, or tap **Discard** to delete the recording.

TIPS: You can find your recordings in **Home Key >** [ ] **> Music > Playlists > My recordings**.
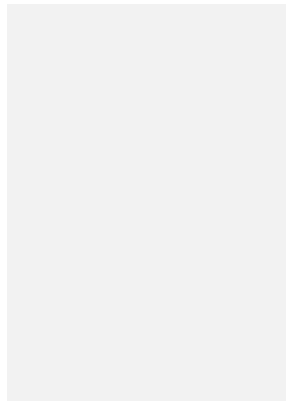
Using Your Google™ Applications

Signing in to your Google Account lets you synchronize Gmail, Calendar, and Contacts between your phone and the web. And if you don't have an account, you can easily create one.

1. Tap a Google application that need a Google account, such as **Market**.
2. Read the instructions and select **Next**.
3. If you've got a Google account, tap **Sign in**. Enter your user name and password. Then tap **Sign in**. (Or tap **Create** if you don't have a Google account.)
4. Set the backup and restore option, and tap **Next > Finish setup**.

Gmail

Gmail is a web-based email service that's configured when you sign in to your Google account. Depending on your synchronization settings, the Gmail on your phone can be automatically synchronized with your Gmail account on the web.

This is how you create and send a Gmail:

1. Open **Gmail** by tapping **Home Key >** ▦ **> Gmail**.
2. Press **Menu Key > Compose**.
3. Enter the email address of the person you're contacting in

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the **'To'** field. If you're sending the email to several people, separate the email addresses with commas. You can add as many recipients as you want.

4. Enter the email subject, and then write your email.

5. Tap **Menu Key > Send**.

Using Google Calendar

Tap **Home Key >** ▦ **> Calendar** to use Google Calendar, Google's time management application. You can use the calendar to schedule appointments, including meetings and other events. Your appointments will be displayed on the screen as are scheduled. You can also synchronize appointments to your Google account, which enables you to manage your schedule online on your PC.

Using Google Talk

Google Talk is Google's instant messaging program, which enables you to communicate with other people who also use it.

Opening Google Talk

Tap **Home Key >** ▦ **> Talk**.

Adding a New Friend

You can only add people who have a Google Account.
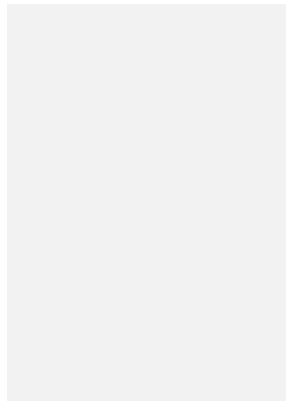
1. In the Friends list, press **Menu Key > Add friend**.
2. Enter the Google account of the friend you want to add.

Your friend will receive an invitation from Google. Press **Menu Key > More > Invites** to see pending invitation.

Changing Your Online Status

1. Tap the Talk status bar above the Friends list.
2. Tap ▼ to change status and then enter your status message in the text box.

Starting a Chat

1. Tap a friend in the Friends list.
2. Chat with your friend by entering text in the message box.
3. Tap **Send**.

Places

Google Places helps you find all kinds of businesses near you.

1. Tap **Home Key > ▦ > Settings > Location & security** and tick the **Use GPS satellites** or **Use wireless networks** check box.
2. Tap **Home Key > ▦ > Places**. Wait while you are being located. Your location, when found, is shown at the bottom of the screen.
3. Select a business category and the information of that

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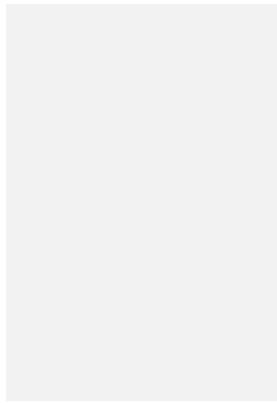
type of business near you will be displayed.
You can also use the **Find places** search box on the top to find the business you need.
NOTES: Tap **Add** to add new business categories.

4. Tap a result you are interested in and check out the details and reviews about that place. You can also see the place on Google Maps, find out how to get there, or give that business a call.

Latitude

Google's Latitude service is a social tool for sharing your location information with selected friends.

Tap **Home Key > ⊞ > Latitude** to enable Latitude service.

Each time you launch Maps application, your location will be determined using GPS or the phone network, and your Latitude status will be updated. You can tap **Menu Key > Latitude** in Maps or **Home Key > ⊞ > Latitude** to see your status as well as that of your selected friends.

In Latitude, tap **Menu Key** to refresh friends status, see them on Maps, add new friends, show/hide stale friends, or change Latitude settings.

You can also turn off Latitude service by tapping **Sign out of Latitude** in the settings of **Latitude**.

Sorting out Your Phone Settings

Setting Time and Date

1. Tap **Home Key > Menu Key > Settings > Date & time**.
2. Clear the **Automatic** check box if you want to set the time and date by yourself.
3. Set date, time, time zone, and date/time format.

Changing Display Settings

By tapping **Home Key > Menu Key > Settings > Display**, you can adjust the display settings as you like:

* **Brightness**: Adjust brightness of the screen.
* **Auto-rotate screen**: Rotate the screen display as you rotate the phone.
* **Animation**: Choose window animation.
* **Screen timeout**: Set the delay for the screen to automatically turn off.

Sound Settings

By tapping **Home Key > Menu Key > Settings > Sound**, you can adjust the sound settings, such as ringtones and alerts.

* **Silent mode:** tick the check box to mute all sounds

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except media and alarms.

- **Silence Ringer When Face Down:** once you enable this function, you can mute the incoming call ringtone by flipping the phone over.
- **Vibrate:** select the condition for vibration.
- **Volume:** tap to adjust volume levels for ringtone, media, alarm, and notification.
- **Phone ringtone:** select the default ringtone for incoming calls.
- **Notification ringtone:** select the default ringtone for notifications.
- **Audible touch tones:** tick the check box and the phone will play tones when you tap the dial pad.
- **Audible selection:** tick the check box and the phone will play a sound when you touch the screen to make a selection.
- **Screen lock sounds:** tick the check box and the phone will play a sound when you lock or unlock the screen.
- **Haptic feedback:** tick the check box and the phone will vibrate when you press soft keys or on certain user interface interactions.

To quickly switch to silent mode, press **Volume Key** - or, if the screen is locked, drag 🔊 to the left.

Language Settings

You can change the language of your phone system in two simple steps.

1. Tap **Home Key > ▦ > Settings > Language & keyboard > Select language**.
2. Select a language from the list given.

Mobile Network Services

Tap **Home Key > ▦ > Settings > Wireless & networks > Mobile networks** to enable or disable data service, allow data services when roaming, or set access point names for data access.

Getting Data Services while Abroad

1. Tap **Home Key > Menu Key > Settings > Wireless & networks > Mobile networks**.
2. Tick the **Data roaming** box.

IMPORTANT: Data roaming may incur significant roaming charges.

Disabling Data Services

1. Tap **Home Key > Menu Key > Settings > Wireless & networks > Mobile networks**.
2. Clear the **Data enabled** check box.

Enabling Always-on Data Services

1. Tap **Home Key > Menu Key > Settings > Wireless & networks > Mobile networks**.
2. Tick the **Enable always-on mobile data** box to allow applications to update data automatically.

IMPORTANT: When you enable this option, more data traffic will be generated for automatic updates of applications data. And your phone will consume more power.

Switching Network Modes

1. Tap **Home Key > Menu Key > Settings > Wireless & networks > Mobile networks > Network Mode**.
2. Select one of the following: **GSM/WCDMA auto**, **WCDMA only**, or **GSM only**.

Switching Networks

1. Tap **Home Key > Menu Key > Settings > Wireless & networks > Mobile Networks > Network operators**. The phone automatically searches for all available networks.

2. Tap a network to register manually, or tap **Select automatically**.

Setting Access Point Names

To connect to the Internet you can use the default Access Point Names (APN). And if you want to add a new APN, please contact Vivo to find out more.

1. Tap **Home Key > Menu Key > Settings > Wireless & networks > Mobile networks > Access Point Names**.
2. Tap **Menu Key > New APN.**
3. Set the necessary parameters. (See how to add a GPRS/EDGE/3G connection in *Getting Connected to the Internet* in this guide.)
4. Tap **Menu Key > Save**.

Security Settings

Here's how to protect your phone and SIM from unauthorized use.

Protecting Your Phone with a Screen Unlock Pattern

Creating Your Screen Unlock Pattern

1. Tap **Home Key >** ▦ **> Settings > Location & security > Set up screen lock > Pattern**.
2. Read the instructions and tap **Next**.

3. Watch the example pattern and tap **Next**.
4. With a finger, draw your own pattern and tap **Continue**.
5. Draw the pattern again and tap **Confirm**.
6. Press **Power Key** to lock the screen.

TIPS: Clear the **Use visible pattern** box if you want to hide the pattern as you draw it on the screen.

Unlocking the Screen with Your Pattern

1. Press **Power Key** to wake up the screen.
2. Draw the pattern you set to unlock the screen.

If you make a mistake, your phone will ask you to try again.

Cannot recall your screen unlock pattern?

You have up to five attempts to unlock your phone. If you still cannot recall the screen unlock pattern, you can tap **Forgot pattern?** and enter your Google account user name and password to reset the screen unlock pattern.

IMPORTANT: You must sign in or create a Google account on your phone before using the above method to reset the pattern.

Protecting Your Phone with a PIN or Password

Creating a PIN or Password

1. Tap **Home Key >** ▦ **> Settings > Location & security > Set up screen lock**.

2. Tap **PIN** or **Password**.
3. Enter the numeric PIN or any password you like, and tap **Continue**.
4. Enter it again and tap **OK** to confirm.

Unlocking the Screen with Your PIN or Password
1. Press **Power Key** to wake up the phone.
2. Drag the 🔒 icon to the right.
3. Enter the PIN or password you set.
4. Tap **OK**.

Disabling Screen Unlock Security
If you have created an unlock pattern, PIN or password, you can disable it.
1. Tap **Home Key >** ▦ **> Settings > Location & security > Change screen lock**.
2. Draw the screen unlock pattern or enter your PIN/ password you have created.
3. Tap **None**.

Protecting Your SIM with a PIN
Every SIM card comes with a PIN. The initial PIN is provided by your mobile phone carrier. It's best to lock your SIM as soon as you can.
1. Tap **Home Key >** ▦ **> Settings > Location &**

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security > Set up SIM card lock.

2. Tick the **Lock SIM card** check box.
3. Enter the PIN you've been given and tap **OK**.

Changing Your SIM PIN

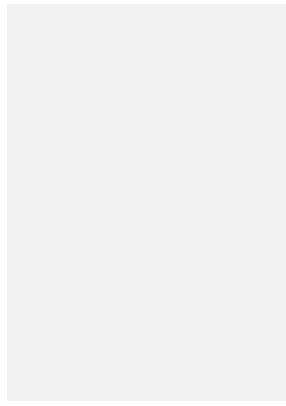You can change the PIN you've been given to one easier for you to remember and harder for others to guess.

1. Tap **Home Key > ▦ > Settings > Location & security > Set up SIM card lock**.
2. Make sure you already tick the **Lock SIM card** check box.
3. Tap **Change SIM PIN.**
4. Enter the old PIN and tap **OK**.
5. Enter your new PIN and tap **OK**.
6. Enter the new PIN again and tap **OK**.

Restoring a Locked SIM Card

Put all your confidential passwords in a safe place for future use. If you enter the wrong SIM PIN more times than allowed, your SIM card will be locked and you cannot access the mobile phone network. Contact your operator for a PIN Unlock Key (PUK) to restore the SIM card.

Setting up Credential Storage

This lets you select applications to access secure certificates and other credentials.

Enabling Secure Credentials

1. Tap **Home Key > ▦ > Settings > Location & security**.
2. Tap **Set password** and create a password for the credential storage.
3. Tick the **Use secure credentials** box.

TIPS: You can also install encrypted certificates from your microSD card by tapping **Install from SD card**.

Deleting Secure Credentials

1. Tap **Home Key > ▦ > Settings > Location & security**.
2. Tap **Clear storage** to clear credentials.

Managing Your Device Memory

Tap **Home Key > ▦ > Settings > Storage.**

You can view the space information of the microSD card as well as the phone storage.

*   **Unmount SD card**: You can unmount the card to safely remove it without switching the phone off.
*   **Erase SD card**: Erase all data on the memory card.

Privacy: Reset to Factory Settings

Tap **Home Key > ▦ > Settings > Privacy > Factory data**

reset > **Reset phone > Erase everything.**
**WARNING: All your personal information and
downloaded applications on your phone will be erased
after the resetting.**

Managing Applications

Tap **Home Key >** ▦ **> Settings > Applications.**

• **Manage applications**: Manage or remove installed
  applications.
• **Running services**: Check currently running services and
  stop them if needed.
• **Storage use**: View storage used by applications.
• **Battery use**: See what has been using the battery.
• **Development**: Set options for application development.

Tick the **Unknown sources** check box if you want to
installed applications from sources other than the Android
Market.

WARNING: You may risk your phone and personal data by
installing applications from unknown sources.

How to Install an Application

You can install an application from the Android Market
(**Home Key >** ▦ **> Market**) by selecting the item you want
to download and tapping **Install**.

You can also install a non-Marketing application if you have allowed the installation of it. Make sure that you select an application developed for your device and processor type before installing it.

1. Copy the application file to the microSD memory card and install the card on your phone.
2. Tap **Home Key >** ▦ **> Filer**, and open the folder where the application file is.
3. Tap the file to start installation.
4. Read the installation instructions that come with the application and follow it to complete the setup.

Managing Other Settings

Search Settings
You can manage search settings and search history by opening the **Google Search** application and tapping **Menu Key > Search settings**.

* **Google search**: Adjust Google search settings.
* **Searchable items**: Adjust searching

You can also clear shortcuts to recently chosen search suggestions.

Voice Interaction
You can set the text-to-speech and voice recognition options

by tapping **Home Key >** ▦ **> Settings > Voice input & output.**

NOTE: You need to download voice data in order to use the text-to-speech function. Just tap **Install voice data** in **Text-to-speech settings**.

Accessibility

Configure accessibility options for accessibility-related applications.

About phone

Check system updates, phone status and battery use, or view legal information and software versions.
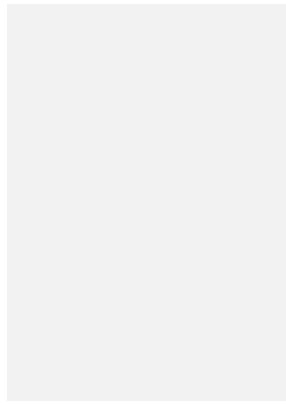
Other Applications

Alarms

1. Tap **Home Key >** ▦ **> Alarm.**
2. Tap the default alarm to configure it. Or, to create a new alarm, tap **Menu Key > Add alarm**.
3. Tick the **Turn on alarm** box and set up **Name**, **Time**, **Repeat**, **Snooze**, **Duration**, **Vibrate**, **Ringtone**, **Volume**, **Volume crescendo**, and **Delay**.

Docs To Go

A handy application suite that'll open Word, Excel, Powerpoint, or PDF files.

Read the on-screen instructions for detailed information.

Note Pad

Note pad is for your memos. Tap **Menu Key** to add or delete them, or to export the text to a txt file in the microSD memory card. Hold an existing note to edit, delete, share or export, or to change its title.

Calculator

Tap **Home Key >** ▦ **> Calculator.**

TIPS: Tap **Menu Key > Advanced panel** to use scientific calculation.

Vivo Chip

Vivo Chip will only appear on the screen if your SIM provides this function. To use SIM services, insert your SIM in the phone first.

Tap **Home Key >** ▦ **> Vivo Chip.**

Task Manager

Tap **Home Key >** ▦ and select **Task Manager** to view or stop applications.

Tap a task in the **Task** tab to switch to its screen, abort it, or see its detail. Tap **Resource** to view real-time allocation of system resources.

Stopwatch

1. Tap **Home Key >** ▦ **> Stopwatch.**
2. Tap **Start** to start timing, **Pause** to pause time, and **Resume** to continue.
3. **Reset** will take the stopwatch back to 00:00.0.
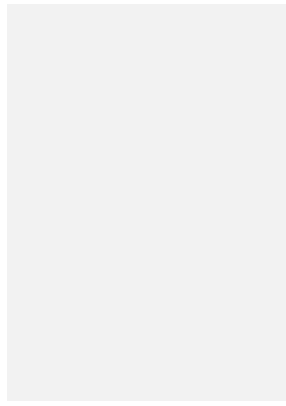
Specifications

Dimensions		Approx. 116 mm × 62.5 mm × 12.6 mm
Weight		Approx. 128g (with battery)
Bearer		GSM/WCDMA support
Main display dimension, resolution		3.5 inches 320*480 (HVGA)
Back Camera	Sensor type	CMOS
	Still image capture resolution	3M Pixels
Internal memory		ROM: 512MB, RAM: 256MB
Removable memory card		Support microSD card, max. capacity 32GB
Battery	Capacity	1500mAh
	Standby time	Approx. 390 hours (subject to network status)
	Voice talk time	Approx. 170 min (subject to network status)
WAP browser version		WAP2.0