

ATLAS W
WCDMA/GSM Mobile Phone
User Manual

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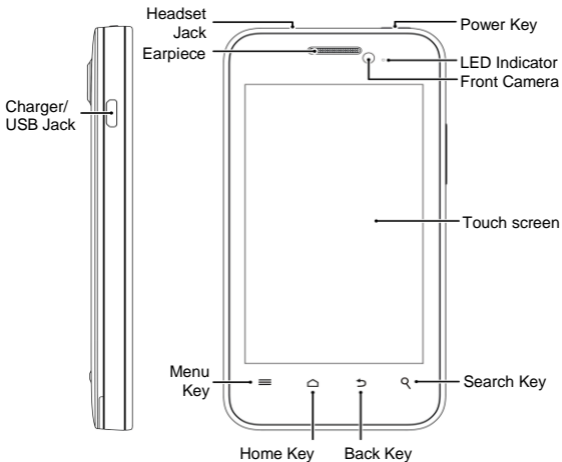
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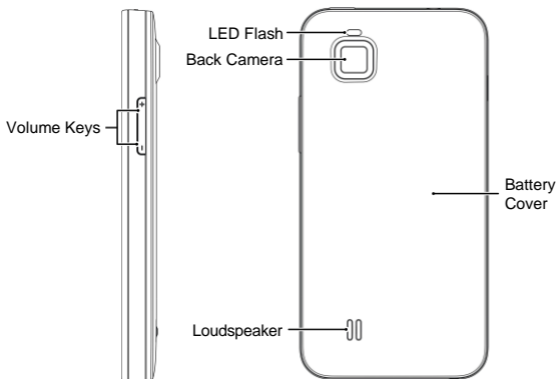
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Getting Started

Overview





Keys Explained

Key	Function
Power Key	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Touch to return to the Home Screen from any application or screen. • Hold to see recently used applications.

Key	Function
Menu Key	Touch to get the options for the current screen.
Back Key	Touch to go to the previous screen.
Search Key	Touch to search for information.
Volume Keys	Press or hold to turn the volume up or down.

Starting up

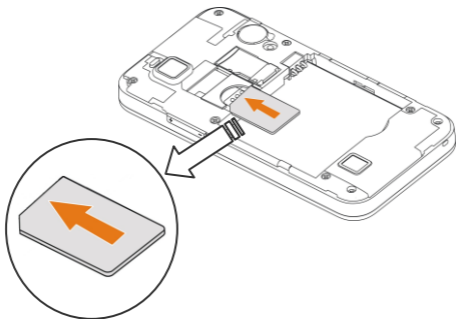
Installing the SIM/microSD Card and Battery

Switch off your phone before installing or replacing the battery or the SIM card. Without switching off the phone, you can replace the microSD card after unmounting it. (See [Sorting out Your Phone Settings – Managing Your Device Memory.](#))

1. Remove the back cover.

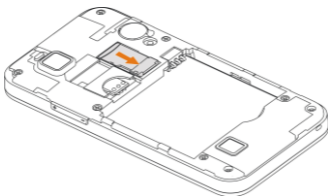


2. Hold the SIM card with the cut corner oriented as shown and slip it into the card holder.



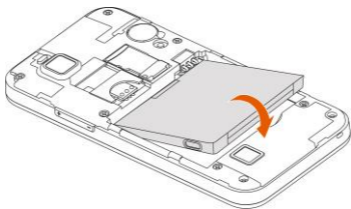
3. Hold your microSD card with the metal contacts facing

down and slide it in.



NOTE: microSD logo  is a trademark 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 card out.
5. Slide the microSD card out.

Charging the Battery

When you first get your new phone you'll need to charge the battery.

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.

How much charge have you got?

If the battery is low, there will be a pop-up message on the screen. As you charge your phone, the screen will tell you the exact battery level each time you wake up your phone.

If the phone is on, you'll see this charging icon /  appear on the status bar. As soon as charging is completed, this icon  appears on the status bar.

Switching Your Phone On/Off

Make sure the SIM card 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 touch **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. Touch **Change language** to change the language you want to use, if needed.
2. Touch the Android robot on the screen.

3. **Create** a Google Account or **Sign in** your account.
You can also touch **Skip** to set up an account later.
4. Configure the Google location options and touch **Next**.
5. Configure the date and time options, and touch **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 chapter [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 Your Phone

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.

- Touch the buttons, icons, or applications to select items or to open applications.
- Keep your finger on an item to see the available options.
- Flick the screen to scroll up, down, left or right.
- Point, drag and drop to move particular items across the screen.
- 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. Not all screens are viewable in landscape.

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

Wallpaper



Widgets

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 touch the dots on the bottom corners of the screen, to see the extended Home Screen.

Choosing Your Wallpaper

1. Touch **Home Key** to return to the Home Screen.
2. Touch **Menu Key** and select **Wallpaper**.
3. Touch **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.
4. Touch **Save** or **Set wallpaper**.

Adding Items to Your Home Screen



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

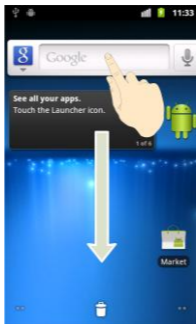
2. Slide left or right to find an empty spot on the Home Screen.
3. Touch **Menu Key** and select **Add**.

TIPS: You can also touch and hold a blank area of the Home Screen to get the **Add to Home screen** menu.





























4. Select a category (shortcuts, widgets or folders).
5. Choose the item you want to add to the Home Screen.






















Removing Items From Your Home Screen

1. Touch **Home Key** to return to the Home Screen.
2. Touch 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.

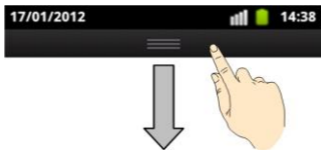


Status and Notification Icons

	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 unmounted
	Battery very low		Preparing microSD card
	Battery low		Connected to a Wi-Fi network
	Battery partially drained		Alarm set
	Battery full		Wired headset inserted
	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		Playing song
	New MMS		Downloading data
	New Google Mail message		Content downloaded and installed successfully
	Missed call		Sending data
	Call in progress		USB tethering on
	Call on hold		Portable Wi-Fi hotspot 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 touching **Menu Key > Notifications** from the Home Screen.



Applications and Settings Preview

Applications Preview

Your device has lots of functions. Touch  to see the following. Note they may not be identical to your phone.

Applications	Description
Alarm	Set alarms.
Browser	Browse the Internet.
Calculator	Do basic calculation.

Applications	Description
Calendar	Schedule appointments and events.
Call log	View the calls you made, received, and missed.
Camcorder	Shoot video clips.
Camera	Take some great pictures.
Contacts	Manage your contacts information.
Dialer	Dial a number.
Docs To Go	View your Word, Excel, PowerPoint, and PDF documents.
Downloads	Access your downloaded files.
Email	Send and receive Emails.
Facebook	Share and stay connected with your friends on Facebook.
Filer	Manage files on your microSD card.
FM Radio	Search for, listen to and save radio channels.
Gallery	Manage multimedia files.
Google Mail	Access your Google Mail account and check your messages on your mobile phone.
Google Search	Search for information online or on your phone.
Google+	Share updates and see what's going on around you with Google+.

Applications	Description
Latitude	See your friends' locations and share yours with them via Google Maps Latitude.
Maps	Track your current location, view real-time traffic, and receive detailed directions to your destination.
Market (Play Store)	Access useful applications and fun games to download.
Messages	Open the Messages screen, where you can send and receive SMS and MMS messages.
Messenger	Bring groups of friends together into a simple group conversation with Messenger.
Music 	Shop music on Android Market and listen instantly using the Google Music app.
Music 	Browse your audio files and listen to them.
Navigation	Find your way with Google Maps Navigation.
News & Weather	Check the weather forecast and the latest news of your interest.
Note pad	Create text notes.
Places	Find restaurants, ATMs, and other businesses or attractions near you.
Settings	Adjust phone settings.
SIM Toolkit	Only appears on the screen if your SIM card provides this function. Please contact the service provider for more information.

Applications	Description
Sound Recorder	Capture audio clips.
Stopwatch	Measure exactly how long it takes to do something.
Talk	Use Google Talk to send and receive instant messages.
Task Manager	Manage all the programs running on your phone.
TouchPal keyboard	Configure settings for TouchPal keyboard.
Twitter	Official Twitter app for Android.
Videos	Browse and watch video files.
Voice Search	Use your voice to search, control, and communicate.
YouTube	Watch YouTube videos or upload your own.

Settings Preview

To change or view your phone's settings, touch **Home Key** >



> **Settings**.

Or from the Home Screen touch **Menu Key** > **Settings**.

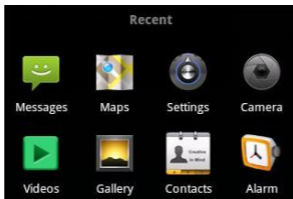
Wireless & networks	Configure and manage wireless connections, such as Wi-Fi, Bluetooth [®] , mobile networks, mobile data connection sharing, and Virtual Private Networks. You can also select Airplane mode from here.
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Call settings	Set up fixed dialing numbers, voicemail, speed dial, call barring, call forwarding, call waiting, caller ID, and Internet call settings.
Sound	Set sound settings, such as ringtones and notifications.
Display	Set display settings, such as screen brightness.
Location & security	Create you screen locks, set the SIM card lock, or manage the phone's credential storage. You can also select the sources to use when determining locations from My Location .
Applications	Manage your applications and installation of new ones, view storage and battery use, and set options for application development.
Accounts & sync	Manage your accounts and configure synchronization settings.
Privacy	Configure privacy settings, such as back-up and restoration, and personal data.
Storage	Check available memory on the external card and the internal phone storage.
Language & keyboard	Set operating system language and region, plus text input options.
Voice input & output	Set up voice recognition and text-to-speech options.

Accessibility	Choose accessibility options after you have installed accessibility-related applications.
Date & time	Set the date, time, time zone, and date/time format.
About phone	View phone status, battery use, and legal information. You can also check for system updates.

Opening Recently-Used Applications

1. Hold **Home Key** from any screen. The phone will display icons of applications you used recently.







2. Touch the application you want to open.

Phone Calls

Making Calls


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


Calling From the Dialer


1. Touch **Home Key** >  > **Dialer** or touch  on the Home Screen.
2. Enter the phone number with the on-screen keypad.
Touch  to delete wrong digits.
3. Touch .

TIPS: To make international calls, hold  to enter the “+”.

Calling From Your Contacts


1. Touch **Home Key** >  > **Contacts**.
2. Flick up or down to scroll the contacts list and touch the contact you want to call.

TIPS: You can search for a contact by touching  on the bottom of the screen or **Search Key**.

3. Touch .



Calling From Your Call History

1. Touch **Home Key** >  > **Call log**.

2. Touch  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. Touch **Home Key** >  > **Messages**.
2. Touch the conversation and then the message that contains the phone number you need.
3. If the message contains multiple numbers, select the one you need.
4. Touch .

Using Speed Dial

Touch 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.

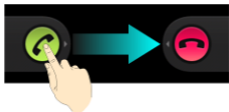
Assigning a speed dial key:

1. Touch **Menu Key** > **Settings** > **Call settings** > **Speed dial** from the Home Screen.
2. Touch a speed dial key.
3. Enter a phone number or touch  to select one from the contact list.
4. Touch **OK**.


Receiving 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.


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

Putting a Call on Hold

During a call, you can put it on hold by touching **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 touch **Menu Key > Swap calls** to switch between the two callers.

Turning the Speakerphone On/Off

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

Ending a Call

Touch  to finish a call.

Call Settings


From the Home Screen, you can open the call settings menu by touching **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.
Vicemail service	Select a voicemail service provider.
Vicemail settings	Specify a voicemail number.
Speed dial	Set speed dialing keys and numbers.
Call barring settings	Forbid certain types of calls.

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.	

Contacts

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, touch **Home Key** >  > **Contacts**. From there, you can touch 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.

Importing/Exporting Contacts (SIM Card)

Import the contacts from the SIM card or export them to the SIM card as follows.

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

Importing/Exporting Contacts (microSD Card)


Import the contacts from the microSD card or export them to the microSD card as follows.

1. Touch **Menu Key > Import/Export** from the Contacts Screen.
2. Choose **Import from SD card** or **Export to SD 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 touch **OK**.
 - For export, the phone will prompt you with the name of the vCard file. Touch **OK** to create the file in the microSD card.

Sharing Contacts Information

1. Touch **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 send it via Bluetooth, mail or messages.

Creating a Contact

1. Touch  or **Menu Key > New contact** from the Contacts Screen.


2. Touch **Contact type** to choose where to save the contact.
3. Enter the contact name, phone numbers, and other information.
4. Touch **Done** to save the contact.

Adding a Contact to Favorites


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


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


Searching for a Contact

1. Touch  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

1. Touch the **Groups** tab from the Contacts Screen.
2. Touch the  icon at the bottom of the screen.
3. Enter the group name and touch **Done**.

4. Touch the new group and touch  to add group members.
5. Tick the check boxes next to the contacts you want. Then touch **OK**.

To send messages to the group members, you can touch  next to the group and select message recipients from the listed group members.

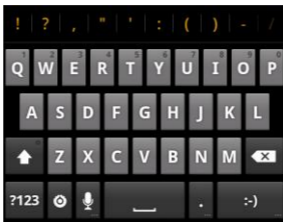
Entering Text

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.)



- Touch the alphabetic keys to enter letters. Touch and hold the keys to enter associated accented letters or numbers. For example, to enter È, touch and hold **E** and

the available accented letters and number 3 appear. Then slide to choose È.












- Touch  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.
- Touch  to delete any text you have entered.
- Touch  to select numbers and symbols. You can then touch  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 touch to enter.
- Touch  to enter a smiley face; hold the key and swipe to choose more emoticons.
- Touch  to change input method or set up Android keyboard.
- Touch  to use Google's networked voice input.





TouchPal Input

You can flick left or right on the TouchPal keyboard to select one of the three TouchPal keyboard layouts.

Full QWERTY




- Touch the alphabetic keys to enter letters. Touch the keys and flick down to enter the numbers or symbols on these keys.
- Touch  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.
- Touch  /  to disable or enable word prediction.
- Touch  /  to change input language.
- Touch  to enter digits, symbols, emoticons and other pre-defined texts.
- Touch  to start a new line.
- Touch or hold  to delete text before the cursor.

- Touch  to open the TouchPal input settings, the same as pressing **Home Key > Menu Key > Settings > Language & keyboard > TouchPal keyboard.**
- Touch  to open text editing options. You can select, cut, copy, paste, and delete text, or move the cursor.
- Touch  to use voice input.
- Touch  to hide the virtual keyboard. You can touch the text field again to show the keyboard.

12-Key PhonePad




Touch a key repeatedly until the desired letter or symbol appears. Touch the keys and flick down to enter the numbers on these keys.

If word prediction is enabled () , just touch the keys once and choose the right word.

CooTek T+



- Touch to enter the left letter on the key.
- Touch and flick right to enter the right letter/symbol on the key.
- Touch and flick down to enter the number/symbol on the key.


If word prediction is enabled () , just touch the keys and choose the right word.

Selecting Touch Input Settings

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

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

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 number are grouped into one message thread in the Messages Screen. You can touch a thread to see the conversation you have had with someone.

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

Sending a Message

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

- If you are sending an MMS, touch **Menu Key** to add a subject, or attach pictures, videos, audios, or slideshows.

4. Touch **Send** to send your message.

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

Message Settings

The phone's message settings are pre-configured for you to use immediately. To change them, touch **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 text messages.
- **Service Center:** Enable 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 to create an MMS message with or without restriction, or receive warning when adding restricted attachment to an MMS message.

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

Email

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

Creating an Email Account

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

NOTE: Your phone will connect to the Internet and verify incoming and outgoing server settings before proceeding to the next step. If the Email service provider is not a known one, you need to select the type of your account and edit the settings for incoming and outgoing servers. Please contact your mobile service provider and Email service provider for more information.

2. Set the Email checking frequency, download options, account name and other settings. Touch **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 touch **Menu Key** > **More** > **Accounts** > **Menu Key** > **Add account**.

Receiving Emails

Touch **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. Touch **Menu Key > Compose** from the Inbox Screen.
2. Touch **To** field 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 touch **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.
4. Touch **Menu Key > Add attachment** to add files to the Email.
5. Touch **Send**.

Replying to or Forwarding an Email

1. Open the Email you want to reply to or forward from Inbox Screen.
2. Touch **Reply** or **Menu Key > Forward** to reply to/forward the Email.
NOTE: You can also touch **Reply all** to reply to all recipients of the Email.
3. Enter the contents and recipients of your Email.
4. Touch **Send**.

Deleting an Email Account


1. Open the **Email** application. If there is only one account, touch **Menu Key > More > Accounts** to get the **Accounts** list.
2. Touch and hold the account you want to delete and select **Remove account** from the pop-up menu.
3. Touch **OK** to confirm.

Email Settings

Touch the account you want to set from the Accounts Screen and touch **Menu Key > More > Account settings**. You can get the settings for the Email account. You can also touch **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 Internet via your mobile network (GPRS/EDGE/3G), or Wi-Fi. The GPRS/EDGE/3G connection can be enabled/disabled manually. Just touch  > **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. Touch **Home Key** >  > **Settings > Wireless & networks > Mobile networks > Access Point Names**.
2. Touch **Menu Key** > **New APN**.
3. Touch each item to enter the information you get from your service provider.
4. Touch **Menu Key** > **Save** to complete.

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

Turning On Wi-Fi

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

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


Connecting to a Wi-Fi Network

1. Touch **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. Touch an access point.
3. Enter the password if security features are implemented. Then touch **Connect**.

Checking the Wi-Fi Network Status

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

Or touch 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. If the USB storage is already turned on, flick down the status bar and touch **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.
NOTE: 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. Touch 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

Touch **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 Wi-Fi hotspot, 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. Touch **Home Key > Menu Key > Settings > Wireless & networks > Tethering & portable hotspot** and tick the **Portable Wi-Fi hotspot** check box.
2. Touch **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 touch the Security field and choose **WPA2 PSK** to set up a password. The password must have at least 8 characters.


4. Touch **Save**. Now you can find the hotspot on other devices and connect to it.

Disabling the Wi-Fi Hotspot



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

Browsing the Internet

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

Touch **Home Key** >  > **Browser**.

There are different ways to open web pages:

- Touch the address bar to enter the website you want to browse and then touch **Go**.
- Touch  beside the address bar or touch **Menu Key** > **Bookmarks**. Select a bookmark to open.
- Touch  beside the address bar or touch **Menu Key** > **Bookmarks**. Choose an item from the **Most visited** tab or **History** tab.

Browsing Options


Touch **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, or stop loading it.

- Touch **More** to forward to the next web page, add bookmarks, search for text, select text, share page URL, check page info or download history, or configure browser settings.


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

Using Bookmarks


1. Open a web page to be added to bookmarks.
2. Touch  or **Menu Key > Bookmarks**.
3. Touch **Add** or **Add bookmark**.
4. Give the bookmark a name and touch **OK**.

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

Editing a Bookmark

1. Open the browser.
2. Touch  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 touch **OK** to save it.

Deleting a Bookmark

1. Open a Browser window.
2. Touch  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 touch **OK** to confirm.



Browser Settings

Touch **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.

Turning Bluetooth On/Off


Touch **Home Key** >  > **Settings** > **Wireless & networks** and tick the **Bluetooth** check box. When Bluetooth is on, the  icon will appear in the status bar.

If you want to turn Bluetooth off, just clear the **Bluetooth** check box.

NOTE: If you switch off your phone while Bluetooth is turned on, when you switch on the phone again, Bluetooth will turn on automatically.

Making Your Phone Visible

In order to work with other phones or devices that have Bluetooth, you need to make your phone 'visible' to them.


1. Touch **Home Key** >  > **Settings** > **Wireless & networks** > **Bluetooth settings**.
2. Tick the **Bluetooth** check box if it isn't already ticked.

3. Tick the **Discoverable** check box to make your device visible for 120 seconds.

NOTE: To make your phone 'invisible', simply clear the **Discoverable** check box.


Changing the Device Name

When your phone is visible to other Bluetooth devices it will be seen by its name, and you can make that anything you want – like 'Ben's Phone'.

1. Touch **Home Key** >  > **Settings** > **Wireless & networks** > **Bluetooth settings**.
2. Tick the **Bluetooth** box if it is not already ticked.
3. Touch **Device name**.
4. Edit the name and touch **OK**.

Pairing With Another Bluetooth Device

To pair with another Bluetooth device, you need to turn the Bluetooth function of both devices on and make the other Bluetooth device visible.



1. Touch **Home Key** >  > **Settings** > **Wireless & networks** > **Bluetooth settings**.
2. Touch **Scan for devices**. Your phone will show all visible Bluetooth devices (in range) in its **Bluetooth devices** list.

3. Select the device you want to pair with.
4. If required, enter your PIN and touch **OK**.

If a PIN is required, the same PIN should be entered on the other device.







Making the Most of Multimedia



Taking Pictures With Your Camera



1. Open the camera by touching **Home Key** >  > **Camera**.
2. Find the view and touch  to take a shot.
3. Touch the thumbnail in the right corner of the screen to view the picture you've just taken. Or touch **Menu Key** > **Gallery** to view all your pictures and videos.

Adjusting Camera Settings




From the Camera Screen, you can do the following settings (some options are only available for the back camera):

- Touch  to set up focus mode, exposure, picture size/quality, color effect, ISO, anti-banding, saturation, contrast, sharpness, or restore camera settings.
- Touch  or  to choose whether to save photo's geographic location.
- Touch  to change white balance.
- Touch  or  to turn on or off flash.
- Touch **1x** to zoom in or out.

- Touch  or  to switch between the front and the back camera.




TIPS: 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



1. Open the camcorder by touching **Home Key** >  > **Camcorder**.
2. Touch  to start shooting, and touch  to stop.
3. Touch the thumbnail in the right corner of the screen to view the video you've just shot. Or touch **Menu Key** > **Gallery** to see all your video clips and pictures.

Adjusting Camcorder Settings

From the Camcorder Screen, you can do the following settings:






- Touch  to adjust color effect, video quality, video/audio encoder, video duration, and restore camera settings.
- Touch  to change white balance.
- Touch  to change video quality, video/audio encoder, and video duration together, including **High**, **Low**, **MMS**,

YouTube, and **custom** mode.

- Touch  or  to switch between the front and the back camera.


Listening to Your FM Radio

With the FM radio, you can search for radio channels, listen to them, and save them on your phone. Note that the quality of the radio broadcast depends on the coverage of the radio station in your area. The wired headset that comes with your phone works as an antenna, so always connect the headset when using the radio. When you receive an incoming call while listening to the radio, the radio will be turned off.




1. To tune in, plug your headset into your phone.
2. Touch **Home Key** >  > **FM Radio**.
3. Touch  or  to scan for available FM channels. You can also swipe across the frequency scale to locate a channel. If you need to fine tune the radio's reception, touch  or  to change the frequency by ± 0.1 MHz.




4. Once you get the best reception of a channel, touch **CH 1** to **CH 10** to save the channel. You can touch **Home Key**



to use other applications while the radio continues in the background, and  will pop up in the status bar.

In the FM radio screen, you can:

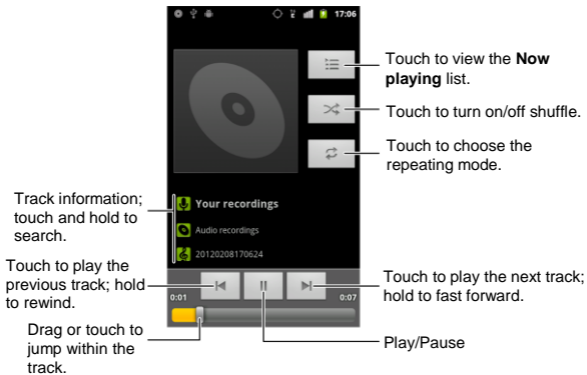
- Press **Volume Keys** to adjust the volume.
- Touch  to mute the FM radio. Touch  to turn it back on.
- Touch **Menu Key** to set the FM radio settings.
- Touch  to switch off the radio.

Playing Your Music

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

1. Touch **Home Key** >  > **Music**  to open the Music Screen.
2. Select **Artists/Albums/Songs/Playlists** to find the songs you want to play.
3. Touch an item from the list to start playing.

NOTE: You can adjust the volume with the **Volume Keys**.



Creating Playlists

Playlists help you organize your music files:

1. Select a song in **Music** you want to add to a new playlist.
2. Touch and hold the song until a shortcut menu pops up.
3. Touch **Add to playlist**.
4. Touch **New**.
5. Type the playlist name and touch **Save**.

Managing Playlists

1. From the Music Screen touch **Playlists** to see them all.
2. Hold on the playlist you want to play or edit until a shortcut menu pops up.
3. Touch **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 the song until a shortcut menu pops up.
3. Touch **Add to playlist**.
4. Select a playlist.

Setting a Song as Ringtone

1. Open **Music** and find the song you need under **Artists, Albums, Songs, or Playlists**.
2. Hold the song until a shortcut menu pops up.
3. Touch **Use as phone ringtone**.

Using Google™ Music

The **Music** application () works with Google Music, Google's online music store and streaming service. You can stream via mobile data or Wi-Fi and listen to your favorite songs that you've added to your online Google Music library.

You can also play audio files you've copied directly to your device from a computer.

NOTE: The availability of Google Music is dependent on your region. If it is not available, or you don't have a mobile data or Wi-Fi connection, you can only play music stored on your device.

Opening the Music App


Touch **Home Key** >  > **Music** () to open the application.

Viewing the Music Library and Playing Songs

The music library combines your online Google Music library and songs stored on your device. Swipe left or right in portrait mode to view your library sorted by time, artists, albums, songs, playlists, or genres. You can also touch **Recent**, **Artists**, **Albums**, **Songs**, **Playlists**, or **Genres** in landscape mode to switch the view.

Touch a song in your library to start playing it.


Playing Your Videos

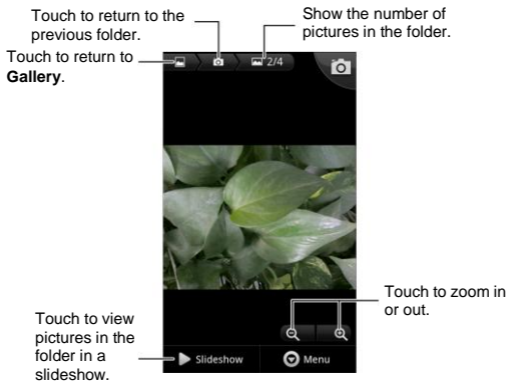
1. To play a video file, touch **Home Key** >  > **Videos**. This will open the Videos screen and show the video files saved in your memory card.
2. Touch a video file to start playing.

3. Touch on the screen and the control bar will appear as below. You can play, pause, fast forward, rewind, etc.







Opening Your Gallery



Touch **Home Key** >  > **Gallery**. You can use **Gallery** to 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.



Making Voice Memos

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

1. Touch **Home Key** >  > **Sound Recorder**.
2. Touch  to start recording.
3. Touch  to stop recording.
4. Touch  to play back the voice recording.
5. Touch **OK** to save the voice recording, or touch **Discard** to delete the recording.

TIPS: You can find your recordings in **Home Key** >  > **Music**() > **Playlists** > **My recordings**.

Turning On/Off USB Mass Storage

You can use the USB mass storage feature to transfer data between the microSD card and PC.

To turn on USB mass storage:

1. Insert the microSD card into your phone and connect the phone to the PC with a USB cable.
2. Flick down the notification panel and touch **USB connected > Turn on USB storage > OK**.

To turn off USB mass storage:

Just flick down the notification panel and touch **Turn off USB storage > Turn off USB storage**.

Using Your Google™ Applications


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

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

Google Mail


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

This is how you create and send a Google Mail.

1. Open **Google Mail** by touching **Home Key >**  **> Google Mail**.
2. Touch **Menu Key > Compose**.

3. Enter the email address of the person you're contacting in 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. Touch **Menu Key > Send**.

Google Calendar

Touch **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.

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

Touch **Home Key >  > Talk**.


Adding a New Friend

You can only add people who have a Google Account.

1. In the Friends list, touch **Menu Key > Add friend**.
2. Enter the Google email address of the friend you want to add.

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

Changing Your Online Status

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

Starting a Chat


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

Google+

Google+ is a social networking service offered by Google. The Google+ application on your device enables you to manage your data, chat with online contacts, organize them in different circles, and share your selected information.

Touch **Home Key** >  > **Google+** and select the account you want to use to sign in to Google+.

Organizing Your Contacts





1. Open the **Google+** app.
2. Touch **Circles**.
3. Touch **People** > **Find and invite people**.
4. Touch  next to a suggested person.
5. Touch an existing circle or select **Create a new circle**.

Getting Updates

1. Open the **Google+** app.
2. Touch **Stream**.
3. Swipe left or right to see different information shared with you by other users. Touch **Menu Key** > **Select circles** to choose what groups of information are shown.
 - ▶ **NEARBY** shows posts shared with you by users near your current location.
 - ▶ **ALL CIRCLES, ACQUATANCES, FAMILY** and **FRIENDS** show updates from people you've added to your circles.
 - ▶ **INCOMING** shows posts from people who followed you but whom you don't follow.

Chatting With Contacts

You can chat with your Google+ contacts through instant messaging, similar to sending a text with the Messages app.

1. Touch **Messenger** in the **Google+** app or touch **Home Key** >  > **Messenger**.
2. Touch  to create a new message.
3. Touch  to add recipients, they can be contacts or circles.
4. Enter the message.
5. Touch  to send the message.

Checking Photos

You can see your own photo albums and those shared by other users.

Touch **Photos** in the **Google+** app to see all available albums.



Checking and Managing Your Profile

1. Touch **Profile** in the **Google+** app.
2. Swipe left or right to see your posts, personal info, and photos.
 - ▶ Touch the **ABOUT** tab and you can change your profile photo.

- ▶ Touch the **PHOTOS** tab and open a photo. You can add comments to it, delete it, or set it as your profile photo.


Places


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

1. Touch **Home Key** >  > **Settings** > **Location & security** and tick the **Use GPS satellites** or **Use wireless networks** check box.
2. Touch **Home Key** >  > **Places**. Wait while you are being located. Your location, when found, is shown on the screen.
3. Select a business category and the information of that type of business near you will be displayed.
NOTE: Touch **Menu Key** > **Add a search** to add new business categories.
4. Touch 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.

Touch **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 touch **Menu Key** > **More** > **Latitude** in Maps or **Home Key** >  > **Latitude** to see your status as well as that of your selected friends.

In Latitude, touch **Menu Key** to refresh friends' status, see them on Maps, add new friends, or set the location reporting options.

You can also turn off Latitude service by touching **Menu Key** > **Location reporting** > **Sign out of Latitude** in the Latitude screen.

Sorting out Your Phone Settings

Setting Date and Time

1. Touch **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.

Display Settings


By touching **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 touching **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 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:** Touch 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 touch 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 touch soft keys or on certain user interface interactions.

To quickly switch to silent mode, hold **Volume Key** (down) - 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. Touch **Home Key** >  > **Settings** > **Language & keyboard** > **Select language**.
2. Select a language from the list given.

Mobile Network Services

Touch **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 When Roaming

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

Enabling Always-On Data Services

1. Touch **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. Touch **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. Touch **Home Key > Menu Key > Settings > Wireless & networks > Mobile Networks > Network operators**.
The phone automatically searches for all available networks.
2. Touch a network to register manually, or touch **Select automatically** to select preferred network 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 the service provider to find out more.


1. Touch **Home Key > Menu Key > Settings > Wireless & networks > Mobile networks > Access Point Names**.
2. Touch **Menu Key > New APN**.
3. Set the necessary parameters. (See [Getting Connected to the Internet - Adding a GPRS/EDGE/3G Connection](#) in this guide.)
4. Touch **Menu Key > Save**.

Security Settings

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

Protecting Your Phone With a Screen Unlock Pattern

Creating Your Screen Unlock Pattern

1. Touch **Home Key** >  > **Settings** > **Location & security** > **Set up screen lock** > **Pattern**.
2. Read the instructions and touch **Next**.
3. Watch the example pattern and touch **Next**.
4. Draw your own pattern and touch **Continue**.
5. Draw the pattern again and touch **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 touch **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. Touch **Home Key** >  > **Settings** > **Location & security** > **Set up screen lock**.
2. Touch **PIN** or **Password**.
3. Enter the numeric PIN or any password you like, and touch **Continue**.
4. Enter it again and touch **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. Touch **OK**.


Disabling Screen Lock Settings

If you have created an unlock pattern, PIN or password, you can disable it.

1. Touch **Home Key** >  > **Settings** > **Location & security** > **Change screen lock**.
2. Draw the screen unlock pattern or enter your PIN/ password you have created.
3. Touch **None**.


Protecting Your SIM Card 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 card as soon as you can.

1. Touch **Home Key** >  > **Settings** > **Location & security** > **Set up SIM card lock**.
2. Tick the **Lock SIM card** check box.
3. Enter the PIN you've been given and touch **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. Touch **Home Key** >  > **Settings** > **Location & security** > **Set up SIM card lock**.
2. Make sure you already tick the **Lock SIM card** check box.
3. Touch **Change SIM PIN**.
4. Enter the old PIN and touch **OK**.
5. Enter your new PIN and touch **OK**.
6. Enter the new PIN again and touch **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. Touch **Home Key** >  > **Settings** > **Location & security**.
2. Touch **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 touching **Install from SD card**.

Deleting Secure Credentials

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

Managing Your Device Memory

Touch **Home Key** >  > **Settings** > **Storage**. You can view the space information of the microSD card as well as the phone storage.


- **Unmount/Mount SD card:** You can unmount the microSD card to safely remove it, or mount the card.
- **Erase SD card:** Erase all data on the microSD card.

Privacy: Reset to Factory Settings

Touch **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


Touch **Home Key** >  > **Settings** > **Applications**.

- **Unknown sources:** Tick the check box if you want to installed applications from sources other than the Android Market. Note that you may risk your phone and personal data by installing such 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.


Installing an Application

You can install an application from the Android Market or the Play Store (**Home Key** >  > **Market** or **Play Store**) by selecting the item you want to download and touching **Download** or the price field.

You can also install a non-Market 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 card and install the card on your phone.
2. Touch **Home Key** >  > **Files**, and open the folder where the application file is.
3. Touch the file to start installation.
4. Read the installation instructions that come with the application and follow it to complete the setup.


Removing an Application

1. Touch **Home Key** >  > **Settings** > **Applications** > **Manage applications**.
2. Select the application you want to delete.
3. Touch **Uninstall** and **OK** to confirm.

Moving an Application

You can move the applications downloaded or installed on your phone to the microSD card when the phone memory is full. You can also move applications to your phone if the microSD card is getting full.

NOTE: Not all applications can be move to your phone or microSD card.

1. Touch **Home Key** >  > **Settings** > **Applications** > **Manage applications**.
2. Touch the application you want to move below the **Downloaded** tab.
3. Touch **Move to phone** or **Move to SD card**.


Managing Other Settings

Search Settings

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


- **Google search:** Adjust Google search settings.
- **Searchable items:** Choose what to search on the phone.
- **Clear shortcuts:** Clear shortcuts to recently chosen search suggestions.

Voice Input and Output

You can set the text-to-speech and voice recognition options by touching **Home Key** >  > **Settings** > **Voice input & output**.


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

Accessibility

You can configure accessibility options for accessibility-related applications by touching **Home Key** >  > **Settings** > **Accessibility**.


Other Applications

Alarms

1. Touch **Home Key** >  > **Alarm**.
2. Touch the default alarm to configure it. Or, to create a new alarm, touch **Menu Key** > **Add alarm**.
3. Tick the **Turn on alarm** box and set up the alarm options.


TIPS: You can also touch **Quick Snooze** to set up one-off alarm that will ring within 60 minutes.

Calculator

Touch **Home Key** >  > **Calculator**.

TIPS: Touch **Menu Key** > **Advanced panel / Basic panel** or swipe left or right to switch panels.

Note Pad

Touch **Home Key** >  > **Note pad**. **Note pad** is for your memos.


Touch **Menu Key** to add or delete them, or to export the text to a txt file in the microSD card. Hold an existing note to edit, delete, share or export, or to change its title.

SIM Toolkit

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

Touch **Home Key** >  > **SIM Toolkit**.

Stopwatch

1. Touch **Home Key** >  > **Stopwatch**.
2. Touch **Start** to start timing, touch **Pause** to pause, and touch **Resume** to continue.
3. Touch **Reset** to reset the stopwatch to 00:00.0.

Task Manager

Touch **Home Key** >  > **Task Manager** to view or stop applications.

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




Specifications

Dimensions		Approx. 115 mm×58 mm×10.5 mm
Weight		Approx. 118 g (with battery)
Bearer		GSM/WCDMA support
Main display dimension, resolution		3.5 inches 800*480 WVGA
Cameras	Front	CMOS sensor, 0.3M still image pixels
	Back	CMOS sensor, 5M still image pixels with auto focus and flash
Removable memory card		Support microSD card, maximum capacity: 32 GB
Battery	Capacity	1200 mAh
	Standby time	Approx. 200 hours (subject to network status)
	Voice talk time	Approx. 240 minutes (subject to network status)

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 15 mm 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) Exposure

General Statement on RF Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Specific Absorption Rate (SAR)

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 1.1 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on

the body as described in this user guide**.

As SAR is measured utilizing the device's highest transmitting power, the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum power required to communicate with the network.

* The tests are carried out in accordance with EN 50360, EN 62311, EN 62209-1, EN 62209-2.

** Please see body worn operation.

Body Worn Operation

Important safety information regarding radio frequency radiation (RF) exposure:

To ensure compliance with RF exposure guidelines the phone must be used with a minimum of 15 mm separation from the body.

Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

Limiting Exposure to Radio Frequency (RF) Fields

For individuals concerned about limiting their exposure to RF fields, the World Health Organization (WHO) provides the following advice:

Precautionary measures: Present scientific information

does not indicate the need for any special precautions for the use of mobile phones. If individuals are concerned, they might choose to limit their own or their children's RF exposure by limiting the length of calls, or using 'hands-free' devices to keep mobile phones away from the head and body.

Further information on this subject can be obtained from the WHO home page <http://www.who.int/peh-emf> (WHO Fact sheet 193: June 2000).

Regulatory Information

The following approvals and notices apply in specific regions as noted.

Please find the section Declaration of RoHS Compliance and CE DOC in the end of this manual.

National Restrictions on Wi-Fi Usage

2400.0-2483.5 MHz

Country	Restrictions	Reason/remark
Bulgaria		General authorization required for outdoor use and public service
France	Please don't use WIFI function outdoors	Military Radiolocation use. Refarming of the 2.4 GHz band has been ongoing in

		recent years to allow current relaxed regulation. Full implementation planned 2012.
Italy		If used outside of own premises, general authorization is required.
Luxembourg	None	General authorization required for network and service supply (not for spectrum).
Norway	Implemented	This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.
Russian Federation		Only for indoor applications.

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.

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.

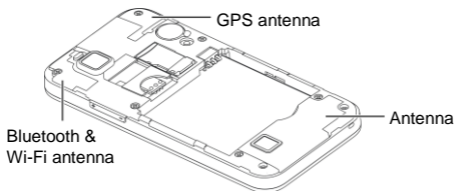
Demagnetization

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.

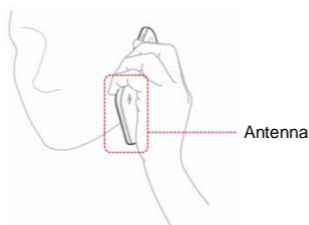
Antenna

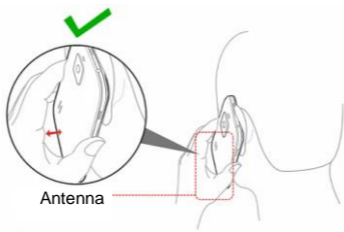


Do not touch the antenna unnecessarily.

Normal Use Position

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





Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area as an airbag inflates with great force and serious injury could result.

Store the phone safely before driving your vehicle.

Seizures/Blackouts

The phone can produce a bright or flashing light. A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching video. If you have experienced seizures or blackouts or have a family history of such occurrences, please consult a physician.

Repetitive Strain Injuries

To minimize the risk of Repetitive Strain Injury (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.

Radio Frequency Interference

General Statement on Interference

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.

Declaration of RoHS Compliance

To minimize the environmental impacts and take more responsibilities to the earth we live on, this document shall serve as a formal declaration that the ATLAS W manufactured by ZTE CORPORATION is in compliance with the Directive 2002/95/EC of the European Parliament - RoHS (Restriction of Hazardous Substances) with respect to the following substances:

1. Lead (Pb)
2. Mercury (Hg)
3. Cadmium (Cd)
4. Hexavalent Chromium (Cr (VI))
5. Polybrominated biphenyls (PBBs)
6. Polybrominated diphenyl ethers (PBDEs)

The ATLAS W manufactured by ZTE CORPORATION, meets the requirements of EU 2002/95/EC.

Disposal of Your Old Appliance



1. When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.

For this product's recycling information based on WEEE directive, please send an e-mail to weee@zte.com.cn

EC DECLARATION OF CONFORMITY



It is hereby declared that following designated product:

Product Type: WCDMA/GSM (GPRS) Dual-Mode
Digital Mobile Phone

Model No: ATLAS W

Complies with the essential protection requirements of the Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/5/EC) and the Electromagnetic Compatibility Directive (2004/108/EC).

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation.

Assessment of compliance of the product with the requirements relating to the Radio and Telecommunication Terminal Equipment Directive (EC Directive 1999/5/EC) was performed by American TCB (Notified Body No.1588), based on the following standards:

Safety	EN 60950-1:2006/A11:2009
EMC	EN 301 489-1 V1.8.1; EN 301 489-3 V1.4.1; EN 301 489-7 V1.3.1; EN 301 489-17 V2.1.1; EN 301 489-24 V1.5.1; EN 55013:2001+A2:2006; EN 55020:2007;

Radio	EN 301 511 V9.0.2; EN 301 908-1 V4.2.1; EN 301 908-2 V4.2.1; EN 300 328 V1.7.1; EN 300 440-1 V1.6.1; EN 300 440-2 V1.4.1;
Health	EN 50360:2001; EN 62311: 2008 EN 62209-1:2006; EN 62209-2:2010; EN 50332-1:2000; EN 50332-2:2003

This declaration is the responsibility of the manufacturer:

ZTE Corporation

ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park,
Nanshan District, Shenzhen, Guangdong, 518057,
P.R.China

Authorised person signing for the company:

Xu Feng Quality Director Of ZTE Corporation

Name in block letters & position in the company

Shenzhen, 29th February 2012

Place & date

徐锋.

Legally valid signature

This equipment may be operated in:				AT	BE
CY	CZ	DK	EE	FI	FR
DE	GR	HU	IE	IT	LV
LT	LU	MT	NL	PL	PT
SK	SI	ES	SE	GB	IS
LI	NO	CH	BG	RO	TR