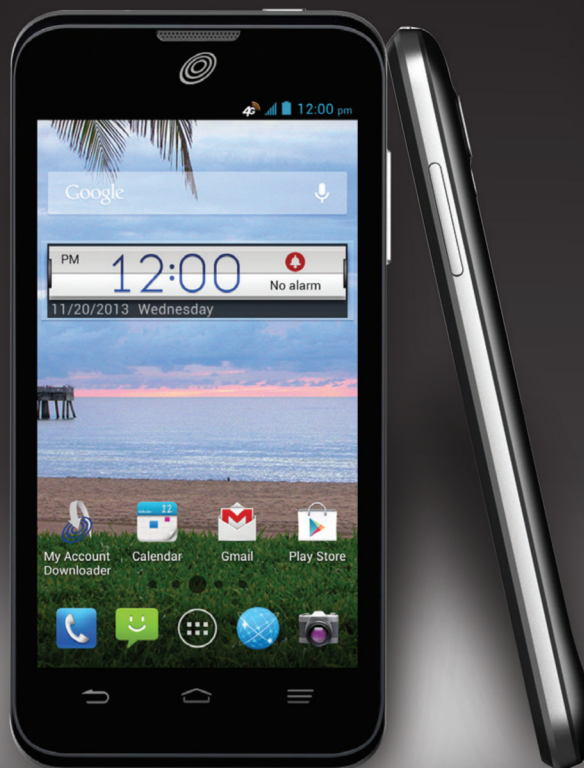


ZTE

Unico LTE™

USER MANUAL

Z081704100153



www.zteusa.com

Z930L

 *Bringing you Closer*

About This Manual

Thank you for choosing this ZTE mobile device. In order to keep your device in its best condition, please read this manual and keep it for future reference.

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Getting Started

Starting Up

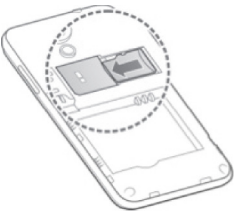
Installing the Battery and a microSDHC™ Card

Switch off your phone before installing or replacing the battery. You have the option to install a microSDHC card of up to 32 GB to expand your phone's storage capacity. The microSDHC card can be installed and removed while the phone is turned on. Unmount the microSDHC card before removing it.

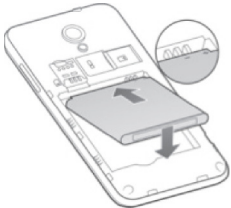
1. Remove the back cover.



2. Hold your microSDHC card with the metal contacts facing down and slide it in until you hear a click.



3. Insert the battery by aligning the metal contacts on the battery with the metal contacts in the battery compartment. Gently push down on the battery until it clicks into place.



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

Removing the Battery, micro-SIM, and microSDHC 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 micro-SIM out.
5. Slide the microSDHC card out.

Charging the Battery

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

WARNING! Use only ZTE-approved chargers and cables. The use of unapproved accessories could damage your phone or cause the battery to explode.

1. Connect the adapter to the charging port. Ensure that the adapter is inserted with the correct orientation. Do not force the connector into the charging port.



2. Connect the charger to a standard AC wall outlet. If the phone is on, you'll see a charging icon, such as  or , appear in the Status Bar.
3. Disconnect the charger when the battery is fully charged.

Switching Your Phone On/Off

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

- Press and hold the **Power/Lock Key** to switch on your phone.
- To switch it off, press and hold the **Power/Lock Key** to get the phone options. Tap **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 *Settings – Privacy: Reset to Factory Settings*), you need to perform some settings before using it.

1. Tap the **language field**, select the language you want, and tap **Start**.
2. Connect to a Wi-Fi network for data use. You can tap **Skip** to skip it.
3. Set the date, time, and time zone, or use date and time data provided by the network. Then tap **Next**.
4. If you have a Google account, tap **Yes** to sign in. Tap **No** if you do not have an account. Tap **Get an account** to create a Google account or tap **Not now** to set up an account later.
5. Configure the Google location options and tap **Next**.
6. Enter your name, which the phone uses to personalize some apps, and then tap **Done**.
7. You will be prompted to accept the Google terms of service. Tap **Next** to continue.
8. Tap **Finish** to complete the setup.

Switching to Sleep Mode

To save battery power, Sleep Mode suspends your phone to a low-power-consumption state while the display is off. Your phone 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 **System settings > Display > Sleep**.

Press the **Power/Lock Key** to switch to Sleep Mode.

Waking Up Your Phone

1. Press the **Power/Lock Key** to activate your screen display.
2. Tap and hold the  icon to unlock the screen.

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

Getting Around Your Phone

Using the Touch Screen

Your phone's touch screen lets you control actions through a variety of touch gestures.

- **Tap**
When you want to type using the on-screen keyboard, select items on screen such as application and settings icons, or press on-screen buttons, simply tap them with your finger.
- **Tap and Hold**
To open the available options for an item (for example, a message or link in a web page), tap and hold the item.
- **Swipe or Slide**
To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

- **Drag**
To drag, press and hold your finger with some pressure before you start to move your finger. While dragging, do not release your finger until you have reached the target position.
- **Pinch**
In some apps (such as Maps, Browser, and Gallery), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).
- **Rotate the screen**
For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways.

Getting to Know Your Phone

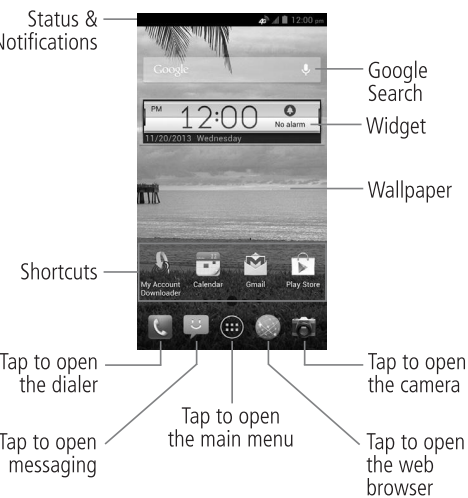


Key Functions

Key	Description
Power/Lock Key	Press and hold to turn on or off Airplane mode, enable silent mode/vibration mode/sound, restart the phone, 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 application or screen. Press and hold to open Google Search .
Menu Key	Press for current screen options. Press and hold to see recently used applications.
Back Key	Press to go to the previous screen.
Volume Up/Down Keys	Press or hold to turn the volume up or down.

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.



Extended Home Screen

Your Home Screen extends beyond the initial screen, providing more space to add icons, widgets, and more. Simply swipe left or right on the screen to see the extended Home Screens.

Applying New Wallpapers

You can set the wallpaper for the Home Screen or Lock Screen.

1. Press the **Home Key > Menu Key > Wallpaper**.
2. Tap **Home** or **Lock screen**.
3. Select a wallpaper source from **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. Tap **Done** at the top of the screen (for Gallery images) or **Set Wallpaper**.

NOTE: Live Wallpapers are not available for the Lock Screen.

Adding Items to Your Home Screen

1. Press the **Home Key > [App Drawer Icon]**.
2. Tap **Widgets**, **Shortcuts**, or **Apps** to view the available widgets, shortcuts, and apps.
3. Tap and hold a widget, shortcut, or app and drag it to the Home Screen.

Adjusting Widget Size

1. Tap and hold a widget on the Home Screen and then release it.
2. An outline appears around the widget. Drag the outline to resize the widget.

NOTE: Not all widgets can be resized.

Organizing With Folders

You can create folders on the Home Screen and add several shortcuts in a folder.

Creating a Folder

1. Tap and hold a shortcut on the Home Screen until **[+]** appears.
2. Drag the shortcut to **[+]** and release it. A new folder will be created and the shortcut is added to the folder.

Renaming a Folder

1. Tap a folder to open it.
2. Tap the folder name field and enter a new name.

Adding Shortcuts to a Folder

1. Tap and hold a shortcut and then drag it onto a folder icon.
2. Release the shortcut and it will be added into the folder.

Removing Shortcuts From a Folder

1. Tap a folder to open it.
2. Tap and hold the shortcut you want to remove and then drag it to the Home Screen.
3. Release the shortcut and it will be removed from the folder.

Removing Items From Your Home Screen

1. Press the **Home Key** to return to the Home Screen.
2. Tap and hold the item you want to delete until the **[X]** icon appears on the screen.

3. Drag the item to **[X]** and release your finger when the item turns red.



Rearranging the Favorites Tray

The Home Screen includes a customizable favorites tray at the bottom of all Home Screens. You can drag apps, shortcuts, folders, and other priority items in or out of the favorites tray for instant access from any Home Screen.



Removing Items From the Favorites Tray

Tap and hold an item in the favorites tray and drag it out of the tray.

Adding Items to the Favorites Tray

Tap and hold an item on the Home Screen and drag it into the favorites tray.

If the favorites tray is full, you need to remove an item from the tray.

Monitoring the Phone Status

The Status Bar at the top of the Home Screen provides phone and service status icons on the right side. Below are some of the icons you may see.

Indicators and Icons

Indicator	What it means
	GPRS connected
	EDGE connected
	3G connected
	4G connected
	Flight mode
	Battery empty
	Battery low
	Battery partially drained
	Battery full
	Battery charging

Indicator	What it means
	No signal
	Signal strength
	Mobile data in use
	Ringer off
	Vibrate mode
	Bluetooth on
	Connected to a Wi-Fi network
	Wi-Fi in use
	Wired headset connected
	Alarm set

Managing Notifications

The Status Bar at the top of the Home Screen provides notification icons on the left. Below are some of the icons you may see.

Indicators and Icons

Indicator	What it means
	No micro-SIM card installed
	New SMS
	New MMS
	New Email
	New Gmail message
	New Google+ Hangouts instant message
	Problem with SMS/MMS delivery
	Missed call
	Call in progress
	Song is playing

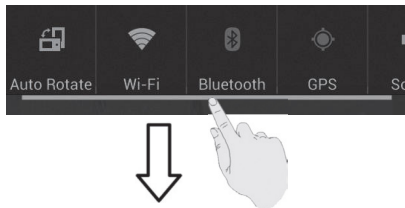
Indicator	What it means
	Updates available/application installed
	microSDHC card unmounted
	microSDHC card removed
	Upcoming event
	Call on hold
	New Wi-Fi network detected
	Downloading data
	Sending data
	GPS on
	USB connected

Knowing the Basics

Opening/Closing the Notification Panel

Notifications report the arrival of new messages, calendar events, and alarms, as well as ongoing events. You can open the Notification Panel to view the details of notifications.

- To open the Notification Panel, swipe your finger down from the top of the screen.
- To close the Notification Panel, swipe your finger up from the bottom of the screen or tap the **Back Key**.



Responding to or Removing a Notification

In the Notification Panel, you can respond to a notification or remove the notifications.

- To respond to a notification, tap it.
- To remove a notification, swipe it left or right.
- To remove all notifications, tap in the top right corner.
- For some notifications, spread two fingers to view more information.

- Most apps that send notifications, such as Gmail and Hangouts, have notification settings that you can adjust.

TIP: In the Notification Panel, tap at the top of notifications list to get to the **Settings** menu quickly.

Opening and Switching Apps

Opening an App

1. Press the **Home Key** > .
2. Slide left or right on the screen and tap an app to open it.

Switching Between Recently Opened Apps

1. Press and hold the **Menu Key**. A list of the names and thumbnails of apps you've recently used opens. If you've been using more apps recently than can fit on the screen, you can scroll the list up and down.
2. Tap a thumbnail to open that app. You can swipe a thumbnail sideways to remove it from the list.

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. Press the **Home Key** > > **Phone** or tap on the Home Screen.
2. Enter the phone number with the on-screen keypad. Tap to delete wrong digits.
3. Tap .

TIP: To make international calls, tap and hold to enter the "+".

Calling From Your Contacts

1. Press the **Home Key** > > **People**.
 2. Slide your finger to scroll the contacts list and tap the contact you want to call.
- TIP:** You can also search for a contact by tapping on the bottom of the screen.
3. Tap .

Calling From Your Call History

1. Press the **Home Key** > > **Call Log**.
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. Press the **Home Key** > .
2. Tap the conversation and then the message that contains the phone number you need.
3. Tap a number to call it.
4. Tap **Call**.

Using Speed Dial

Tap and hold **1 - 9** key from the dialer to call the corresponding speed dial number.

The number **1** key is reserved to speed dial your voicemail.

To assign a speed dial key:

1. Press the **Home Key** > > **Menu Key** > **Settings** > **Speed dial**.
2. Tap a speed dial key.
3. Enter a phone number or tap to select one from the contact list.
4. Tap **OK**.

Receiving Calls

Answering a Call

Drag to the center to answer the call.



NOTE: To silence the ringer before answering the call, press the **Volume Up/Down Keys**.

Rejecting a Call

Drag  to the center to reject the call. You can also drag  to the center to reject the call and send a preset text message to the caller.

TIP: To edit the text response from within the Phone app, press the **Menu Key > Settings > Quick responses**.

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. 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 **Hold** on the screen. Tap **Hold** to return to the call.

Switching Between Current Calls

When you're on a call, your phone screen informs you that another call is coming in and displays the caller ID.

To respond to an incoming call while you're on a call:

Drag  to the center to answer the call. (This puts the first caller on hold and answers the second call).

To switch between two calls:
Tap **Swap** at the bottom of the screen.

Turning the Speakerphone On/Off

Tap **Speaker** during a call to turn the speakerphone on. Tap **Speaker** again to turn off the speakerphone.

Ending a Call

Tap  to finish a call.

Adjusting Your Call Settings

Using Fixed Dialing Numbers

Fixed Dialing Numbers (FDN) allows you to restrict outgoing calls to a limited set of phone numbers.

1. In the Phone app, press the **Menu Key > Settings > Fixed Dialing Numbers**.
2. The following options are available:
 - **Enable FDN:** Input the PIN2 code to enable the FDN feature.
 - **Change PIN2:** Change the PIN2 code for FDN access.
 - **FDN list:** Manage the FDN list.

NOTE: The PIN2 code is provided by your carrier. Entering an incorrect PIN2 code more times than allowed can lock your SIM card. Contact the service provider for assistance.

Editing Quick Response to Rejected Callers

1. Press the **Home Key > **.
2. Press the **Menu Key > Settings > Quick responses**.
3. Tap the text message to edit it.
4. Tap **OK**.

Setting Up Voicemail

1. Press the **Home Key > **.
2. Press the **Menu Key > Settings > Voicemail**.
3. Tap **Service** to select voicemail service provider. Your carrier is the default.
4. Tap **Setup > Voicemail number** to edit the voicemail number if necessary.

Setting Up TTY Mode

Select a TTY mode for your phone to work with a teletypewriter or turn TTY off.

1. Press the **Home Key > **.
2. Press the **Menu Key > Settings > TTY mode**.
3. Tap **TTY Off** to turn the feature off, or tap **TTY Full, TTY HCO**, or **TTY VCO** to select a mode for your phone to work with the teletypewriter. Consult your teletypewriter manufacturer's manual if necessary.

Setting Hearing Aids

You can select to turn on hearing aid compatibility, or turn hearing aids off.

1. Press the **Home Key > **.

2. Press the **Menu Key > Settings**.
3. Tap **Hearing aids** to turn hearing aids on or off.

Setting DTMF Tones

You can set the length of Dual-tone multi-frequency (DTMF) signal tones.

1. Press the **Home Key > **.
2. Press the **Menu Key > Settings > DTMF tones**.
3. Tap **Normal** or **Long**.

Barring Certain Calls

Call barring feature allows you to forbid certain types of calls from your phone.

1. Press the **Home Key > **.
2. Press the **Menu Key > Settings > Call Barring Settings**.
3. Set the restriction of specific types of calls from your phone.

Forwarding Incoming Calls

Call forwarding feature allows you to forward your incoming calls to another phone number.

1. Press the **Home Key > **.
2. Press the **Menu Key > Settings > Call forwarding**.
3. Tap an available option (**Always forward, Forward when busy, Forward when unanswered, Forward when unreachable**) to enable it.

Phone Calls

Other Options

1. Press the **Home Key** > .
2. Press the **Menu Key** > **Settings** > **Additional settings**.
3. Tap **Caller ID** to choose whether your number is displayed when someone receives your outgoing call.
4. Check **Call waiting** to get notified of incoming calls during a call.

NOTE: Please contact the service provider to check whether the caller ID and call waiting features are available.

People

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, press the **Home Key** >  > **People**. From there, you can tap the tabs on the top to quickly switch to dialer, call log, contacts, or favorite contacts.

Importing and Exporting Contacts

You can import or export contacts from/to your micro-SIM card, the phone's internal storage, or microSDHC card. This is especially useful when you need to transfer contacts between different devices.

Importing/Exporting Contacts (micro-SIM Card)

1. Press the **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. Check the contacts you want to import or export. Or, just tap  to select all.
4. Tap **Import** or **Export**.

Importing/Exporting Contacts (microSDHC Card or Phone Storage)

1. Press the **Menu Key** > **Import/export** from the contacts screen.

2. Choose **Import from phone storage/Import from SD card** or **Export to phone storage/Export to SD card**.

- For import, you should have vCard files saved in the microSDHC card or phone storage. If there's more than one vCard file, you need to select the vCard file and tap **OK**.
- For export, the phone will prompt you with the name of the vCard file. Tap **OK** to create the file in the microSDHC card or phone storage.

Sharing Contacts Information

1. Press the **Menu Key** > **Multi-Select** from the contacts screen.
2. Check the contacts you want to share and tap . Your phone will export the contacts' information to a vCard file.
3. Choose to share the contacts via **Bluetooth**, **Email**, **Gmail**, or **Messaging**.

Creating a Contact

1. Press the **Home Key** >  > **People**.
2. Tap  to add a new contact.
3. Tap **Phone contact** to choose where to save the contact. If a sync account is selected, the contacts will be synced automatically with your account online.
4. Enter the contact name, phone numbers, email addresses, and other information.
5. Tap **Done** to save the contact.

People

Adding a Contact to Favorites

You can add frequently used contacts to Favorites so you can find them quickly.

1. Press the **Home Key** >  > .
2. Tap a contact and then tap  next to the contact name.

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

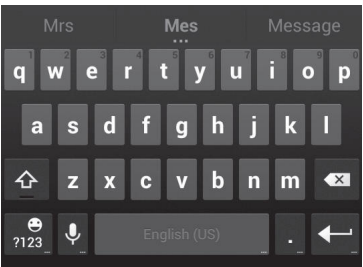
1. Press the **Home Key** >  > .
2. Tap  in the lower left corner.
3. Tap  to create a new group.
4. Enter the group name and tap **Done**.
5. Tap  and select the contacts you wish to be in the group.
6. Tap .

Entering Text

When you tap a field that needs text or numbers, a keyboard automatically appears on the screen. To change the input method, pull down on the **Status Bar** and tap **Choose input method**. You can press the **Back Key** to hide the onscreen keyboard.

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. The landscape keyboard is not supported in all applications.



- Tap the alphabetic keys to enter letters. Tap and hold some specific 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 choose è.
- As you enter a word, candidates appear above the keyboard. Touch to select the correct one; touch and hold to see more possible options.

- Tap  to use uppercase. Double-tap  to lock uppercase. This key also changes to indicate the current case you are using:  for lowercase,  for uppercase, and  when locked in uppercase.
- Tap  to delete the text before the cursor.
- Tap  to select numbers and symbols. You can then tap  to find more. Also, often-used symbols are displayed above the keyboard.
- Tap and hold  and then swipe to choose the emoticons.
- Tap  to use Google's networked voice input.
- Tap and hold  to change the input language or access the Android keyboard settings.

TouchPal Keyboard

The TouchPal keyboard offers three layouts: **Full QWERTY**, **12-Key PhonePad**, and **CooTek T+**.

You can also use TouchPal Curve™ to speed up text input by replacing the key-tapping operation with a tracing gesture where you move your finger from letter to letter without lifting the finger until you reach the end of the word.

To switch the keyboard layout:

1. Tap a text or number field, pull down on the **Status Bar** and tap **Choose input method**.
2. Tap the **TouchPal Keyboard** option.
3. On the TouchPal keyboard screen, tap , uncheck the **Curve** check box, and tap **Close**.

Entering Text

4. Swipe left or right on the TouchPal keyboard to switch between the **Full QWERTY**, **12-Key PhonePad**, and **CooTek T+** keyboards.

Full QWERTY



- Tap the alphabetic keys to enter letters.
- Tap to use uppercase or lowercase letters. This key also changes to indicate the current case you are using: for lowercase, for uppercase, and when locked in uppercase.
- Slide right on to enable word prediction. Slide left on to disable word prediction.
- Tap to change the input language.
- Tap to enter digits, symbols, emoticons and other pre-defined texts. Tap to access more. Tap / to lock or unlock text input. Tap to go back to entering letters.
- Tap to start a new line.
- Tap or tap and hold to delete text before the cursor.

- Tap to access the quick settings of TouchPal keyboard.
- Tap to change the TouchPal keyboard settings.
- Tap to open text editing options. You can select, cut, copy, paste, and delete text, or move the cursor.
- Tap to use voice input.
- Tap to hide the on-screen keyboard. Tap the **Type message** field again to show the keyboard.

12-Key PhonePad

Tap a key repeatedly until the desired letter or symbol appears. If word prediction is enabled (), just tap the keys once and choose the right word.



CooTek T+

Tap to enter the left letter on the key; Double-tap to enter the desired letter/symbol on the key. If word prediction is enabled (), just tap the keys and choose the right word.



To enable and use TouchPal Curve:

1. On the TouchPal keyboard screen, tap , check the box next to **Curve**, and tap **Close**.
2. Move your finger from letter to letter on the keyboard to trace a word without lifting the finger until you reach the end of the word.

NOTE: TouchPal Curve is only available in the **Full QWERTY** layout.

Entering Text



TIPS:

- To enter a single letter, simply tap it.
- Lift your finger at the end of the word. A space is added automatically when you begin to trace the next word.

Touch Input Settings

Choose the touch input settings by pressing the **Home Key > Menu Key > System settings > Language & input**.

In the **Keyboard & Input Methods** section, you can set the default input method and choose the settings for input methods.

Editing Text

- **Move the insertion point:** Tap where you want to type. The cursor blinks in the new position, and a tab appears below it. Drag the tab to move the cursor.

Entering Text

- **Select text:** Tap and hold or double-tap within the text. The nearest word highlights, with a tab at each end of the selection. Drag the tabs to change the selection.
- **Cut or copy:** Select the text you want to manipulate. Then tap the Cut  or Copy  button to cut or copy the text to the clipboard.
- **Replace text with the clipboard text:** Select the text you want to replace. Then tap  or **Paste**.
- **Insert text from the clipboard:** Move the cursor to the insertion point and then tap and hold the tab below the cursor. Release your finger and tap **Paste**.

Messaging

Your SMS (text message) and MMS (multimedia messaging service) are combined into one menu in **Messaging**.

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 tap 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. Press the **Home Key** > .
2. Tap .
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 message** and type your message.
 - Press the **Menu Key** to insert Quick Text, signature, smiley, or contact.
 - If you are sending an MMS, press  to attach pictures, videos, audio, or slideshows.
5. Tap **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 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, press the **Menu Key** > **Settings** from the messaging screen.

Storage:

- **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 (SMS) messages:

- **Manage SIM card messages:** Manage the messages saved in your micro-SIM card.
- **Service Center:** View or edit the service center number.

Multimedia (MMS) messages:

- **Auto-retrieve:** Automatically retrieve MMS 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.

Messaging

Display:

- **Dialog patterns:** Select a dialog pattern.

Notification:

- **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.

NOTE: This feature is unavailable when you have set an unlock pattern, PIN, or password.

Signature:

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

WAP push switch:

- **Enable wap push receiving:** Allows your phone to receive WAP push.

Emergency alerts:

- **Receive emergency alerts:** Tap to choose the types of emergency alerts you need to receive.
- **Notification for unread alerts:** Check this option to be reminded of unread alerts every 10 minutes.
- **Alerts notification preview:** Tap this option to preview alert tone and vibration cadence.

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

Email

Press the **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.
2. Tap **Next** to let the phone retrieve the network parameters automatically.

NOTE: You can also enter these details manually by tapping **Manual setup** or when automatic setup fails.

3. Follow the on-screen instructions to finish the setup.

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

TIP: To add more email accounts, open **Email** to get the inbox screen. Then press the **Menu Key** > **Settings** > **Add account**.

Checking Your Emails

Your phone can automatically check for new emails at the interval you set when setting up the account.

You can also check new emails manually by tapping  in any of the email account's boxes. Tap **Load more messages** at the bottom of the email list to download earlier messages.

Composing and Sending an Email

1. Open your email Inbox and tap .

NOTE: If you have more than one email account added on the phone, tap the sender line to select the account you want to use for sending the message.

2. Enter a contact name or email address in the **To** field. Separate each recipient with a comma. You can also tap  to select recipients from your contacts.
3. Enter the email subject and compose the email text.
4. Press the **Menu Key** > **Attach file** to add audio files, images, videos and other types of files as attachments.
5. Tap  at the top right of the screen to send the message.

Replying to or Forwarding an Email

1. Open the email you want to reply to or forward from Inbox.
2. Choose one of the following:
 - Reply to the sender, tap .
 - Reply to the sender and all recipients of the original message, tap .
 - Forward the message, tap .
3. Edit your message and tap .

Email

Email Settings

General settings apply to all email accounts you add.

1. Open **Email** to get the Inbox screen.
2. Press the **Menu Key** > **Settings** > **General**.
3. Make the changes you want and press the **Back Key** when you're finished.

Deleting an Email Account

1. Open **Email** to get the Inbox screen.
2. Press the **Menu Key** > **Settings** and tap the account you want to remove.
3. Tap **Remove account** > **OK**.

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/4G), or Wi-Fi.

The GPRS/EDGE/3G/4G connection can be enabled/disabled manually. Just press the **Menu Key** > **System settings** > **Mobile networks** from the Home Screen and check or clear the **Data enabled** check box.

Adding a New GPRS/EDGE/3G/4G Connection

To get connected via GPRS/EDGE/3G/4G, you need a data plan with your service provider. Also if the GPRS/EDGE/3G/4G settings are not pre-configured on your phone, please contact your provider to get the necessary information.

1. Press the **Home Key** > **Menu Key** > **System settings** > **Mobile networks** > **Access Point Names**.
2. Press the **Menu Key** > **New APN**.
3. Tap each item to enter the information you get from your service provider.
4. Press **Save** to complete.

TIP: To set the APN to default settings, press the **Menu Key** > **Reset to default**.

Turning On Wi-Fi

Wi-Fi is a wireless networking technology that can provide Internet access at distances of up to 100 meters, depending on the Wi-Fi router and your surroundings.

1. Press the **Home Key** > **Menu Key** > **System settings** > **Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **ON** position to turn on Wi-Fi.

Connecting to a Wi-Fi Network

1. Press the **Home Key** > **Menu Key** > **System settings** > **Wi-Fi**.
2. Tap a network to connect to it. If the network is secured, you need to enter a password.

TIP: Press the **Menu Key** > **Scan** in the **Wi-Fi settings** screen to scan for a Wi-Fi network manually.

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 the **Wi-Fi settings** screen. You can then check the network status from the pop-up window.

Browsing the Internet

You can use your phone to get on the Internet via a GPRS, EDGE, 3G, 4G, or Wi-Fi connection.

1. Press the **Home Key** > .
2. Tap the address box at the top of the web page. If the address box isn't visible, swipe down a little to show it.
3. Enter the address (URL) of a web page. Or, enter terms you want to search for. You can also tap  to search by voice.
4. Tap a URL or search suggestion or tap **Go** on the keyboard to open the web page or search results.

TIP: Tap the **X** if you want to stop opening the page.

Browsing Options

While viewing most web pages, you can do the following operations:

- **Scroll:** Swipe the screen in any direction.
- **Zoom out:** Tap the screen with two fingers or pinch them together.
- **Zoom in:** Tap the screen with two fingers or spread them apart.
- **Go back:** Tap  at the bottom to return to the page you've viewed previously in the same window.
- **Go forward:** Tap  at the bottom.
- **Refresh the page:** Tap  beside the address bar.
- **Find text on the page:** Press the **Menu Key** > **Find on page** and type the terms you want to search for.

- **Send the page URL to friends:** Press the **Menu Key** > **Share page** and select how you want to send the URL.
- **Follow a link:** Tap a link on the web page to open it.
- **Save the page for offline reading:** Press the **Menu Key** > **Save for offline reading**. You can press the **Menu Key** > **Bookmarks** > **Saved Pages** to read them.

TIP: Besides links, Browser also recognizes some phone numbers, addresses, and similar information for you to act on. Try tapping them and see what happens.

Using Bookmarks

Save web URLs as bookmarks to open them easily in the future.

To open a bookmark, press the **Menu Key** > **Bookmarks** in a browser tab and then tap the bookmark.

Bookmarking a Web Page

1. Open the web page.
2. Press the **Menu Key** > **Save to bookmarks**.
3. Edit the bookmark label and address if necessary, or choose a different account. Tap the name beside **Add to** to change the place where the bookmark will be stored.
4. Tap **OK**.

Browsing the Internet

Deleting a Bookmark

1. Open the browser.
2. Tap **Menu Key** > **Bookmarks**.
3. Tap and hold an item you want to delete until the shortcut menu pops up.
4. Tap **Delete bookmark** and then tap **OK** to confirm.

Browser Settings

Press the **Menu Key** > **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 32 feet (10 meters). The *Bluetooth* devices must be paired before the communication is performed.

Turning Bluetooth On/Off

- 1. Press the **Home Key > Menu Key > System settings > Bluetooth**.
- 2. Slide the **Bluetooth** switch to the **ON** or **OFF** position.

When *Bluetooth* is on, the  icon will appear in the Status Bar.

Changing the Device Name

- 1. Press the **Home Key > Menu Key > System settings > Bluetooth**.
- 2. Slide the **Bluetooth** switch to the **ON** position if *Bluetooth* is off.
- 3. Press the **Menu Key > Rename phone**.
- 4. Edit the name and tap **Rename**.

Pairing With Another Bluetooth Device

- 1. Press the **Home Key > Menu Key > System settings > Bluetooth**.

- 2. Slide the **Bluetooth** switch to the **ON** position if *Bluetooth* is off.
Your phone automatically scans for and displays the IDs of all available *Bluetooth* devices in range. Tap **Search For Devices** if you want to scan again.
- 3. Tap the device you want to pair with.
- 4. If necessary, confirm that the *Bluetooth* passkeys are the same between the two devices and tap **Pair**. Alternately, enter a *Bluetooth* passkey and tap **Pair**.
Pairing is successfully completed when the other device accepts the connection or the same passkey is entered.

NOTE: The *Bluetooth* passkey may be fixed for certain devices, such as headsets and hands-free car kits. You can try entering 0000 or 1234 (the most common passkeys) or refer to the documents for that device.

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. Press the **Home Key > Menu Key > System settings > Bluetooth**.
- 2. Check the box beside your device name.

Making the Most of Multimedia

Your phone has both a front camera and a back camera.

Taking Pictures With Your Camera

- 1. Press the **Home Key > **.
- 2. Aim the camera at the subject and make any necessary adjustments.
- 3. Lightly tap  or press a **Volume Key**.
- 4. Tap the picture in the right corner of the screen to view the picture you've just taken. Or press the **Home Key >  > Gallery** to view all your pictures.

Number	Function
1	Switch between the front and back cameras.
2	Turn on/off flash.
3	Select the color effect.
4	Switch between normal, panorama, and timing mode.
5	Change the camera settings.
6	Hold the slider and slide to zoom in or out.
7	View photos and videos you have captured.
8	Capture a photo.
9	Switch to the camcorder.



Adjusting Camera Settings

Before taking a photo, you can tap , , and , and  to use panorama or timing mode, change color effect, and turn on the flash. Meanwhile, you can tap  to open the following camera setting options:

Scene mode	Set the scene mode to auto, night, portrait, or landscape.
Grid	Turn on/off grid.
Shutter tone	Select your preferred shutter tone.
Picture size	Adjust picture size.
Image	Adjust exposure, contrast, saturation, and sharpness.
White balance	Select how the camera adjusts colors in different kinds of light to achieve the most natural looking colors for your shots, or allow the camera to adjust the white balance automatically.
ISO	Adjust the ISO.
Review time	Adjust the review time.
Geo-tag	Set whether your location information is stored or not with each photo you take.
Anti-band	Set anti-band as auto, 50 Hz, or 60 Hz.
Restore defaults	Restore camera to default settings.

Shooting Video With Your Camcorder

1. Press the **Home Key** > .
2. Switch to the camcorder mode.
3. Aim the camera at the subject and make any necessary adjustments.
4. Tap  to start and  to stop recording.

TIPS:

- While recording is in progress, you can tap  to save the frame as a photo.
- Tap the picture in the right corner of the screen to view the video you’ve just shot. Or press the **Home Key** >  > **Gallery** to see all your video clips.

Adjusting Camcorder Settings

Before recording a video, you can tap  to turn on the flash or tap  to open the following camcorder setting options:



Number	Function
1	Switch between the front and back cameras.
2	Turn on/off flash.
3	Change the camcorder settings.
4	Hold the slider and slide to zoom in and out.
5	View photos and videos you have captured.
6	Start or stop recording a video.
7	Switch to the camera.

Video quality	Adjust video quality.
Time lapse	Adjust the time lapse.
White balance	Select how the camera adjusts colors in different kinds of light to achieve the most natural looking colors for your videos, or allow the camera to adjust the white balance automatically.
Geo-tag	Set whether your location information is stored or not with each video you record.
Audio encoder	Select the sound quality setting, either AMRNB or AAC.
Video encoder	Select the video recording format. Choose from MPEG4, H263, and H264.
Restore defaults	Restore default settings.

Playing Your Music

You can play the digital audio files stored in your phone’s microSDHC card in **Music**.

- 1. Press the **Home Key** >  > **Music** to open the music library.
- 2. Tap **Albums**, **Artists**, **Songs**, **Playlists**, **Folders**, or **GenreList** to find the songs you want to play.
- 3. Tap an item from the list to start playing.
- 4. Adjust the volume with the **Volume Keys**.



Number	Function
1	Song and artist information.
2	Tap to toggle repeat mode (no repeat, repeat the current song, or repeat the current playlist).
3	Playback control. Skip songs or pause and resume playback. Drag the slider to jump to any part of the song.
4	Tap to open the current playlist.
5	Tap to add a song to the Favorite list.
6	Tap to play the current playlist in shuffle mode, where tracks are played in random order.
7	Album artwork.

Creating a Playlist

- 1. Tap  next to the song in the music library.
- 2. In the menu that opens, tap **Add to playlist**.
- 3. Tap **New**.
- 4. Type the playlist name and tap **Save**.

The playlist is created and the song you selected is added to the playlist.

Managing Playlists

- 1. Tap the **Playlists** tab in the music library to see all the playlists.
- 2. Tap  next to a playlist and tap **Rename Playlist** or **Delete Playlist** in the menu that opens.

NOTE: These options may not be available for certain automatically created playlists, such as **Recently Added** and **Favorite**.

Adding a Song to a Playlist

- 1. Tap  next to the song in the music library.
- 2. In the menu that opens, tap **Add to playlist**.
- 3. Tap the name of the playlist you want the song added to.

Removing a Song From a Playlist

- 1. Open a playlist.
- 2. Tap  next to the song you want to remove.
- 3. Tap **Remove from playlist**.

Setting a Song as Ringtone

- 1. Press the **Home Key** >  > **Music** and find the song you need under the **Songs** or **Playlists** tabs.
- 2. Tap  next to the song and tap **Set as phone ringtone** in the menu that opens.

Playing Your Videos

Press the **Home Key** >  > **Video Player** to view your video library.

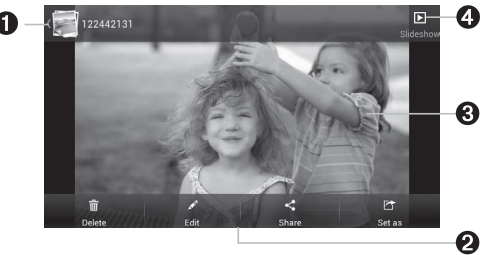
Tap the tabs at the top of the screen to view the available videos.

- **All Videos:** Videos on your phone.
- **Last Added:** Recently added videos on your phone.
- **Camera Videos:** Videos you have recorded with the phone’s camera.

Making the Most of Multimedia

Opening Your Gallery

Press the **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.



Number	Function
1	Tap to return to the album or thumbnails of all the pictures and videos in the album, where all its contents are displayed in a grid.
2	Delete, edit, share the picture; set the picture as contact icon or wallpaper, view picture file detail.
3	Swipe horizontally to see more; double tap a picture to view it in full screen.
4	Browse the album contents in a slideshow.

Press the **Menu Key** to rotate the picture or see its file details.

NOTE: Not all the options may be available for certain albums or pictures.

Making Voice Memos

Sound Recorder enables you to record voice memos and listen to them whenever you like.

Recording a Voice Memo

- 1. Press the **Home Key** >  > **Sound Recorder**.
- 2. Tap  to start recording. Tap  > **OK** to cancel recording if you change your mind.
- 3. Tap  to stop recording. The memo is automatically saved.

If you don't want to save the memo after recording it, tap  > **OK** to delete it.

TIP: You can find your recordings by pressing the **Home Key** >  > **Sound Recorder** > **My records**.

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. Press the **Home Key** > **Menu Key** > **System settings** > **Add account** > **Google**.
- 2. Tap **Existing** to sign in to your existing account, or **New** to create a new account.
- 3. Follow the on-screen steps to enter the information about the account.
- 4. Set the backup and restore option, and tap .

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.

To create and send a Gmail:

- 1. Open your Gmail Inbox and switch to the account you want to use for sending the message.
- 2. Tap .
- 3. Enter a contact name or email address in the **To** field. Separate each recipient with a comma.
- 4. Enter the email subject and compose the email text.
- 5. To attach an image, press the **Menu Key** > **Attach picture** and select a file from the image gallery.
- 6. Tap  at the top right of the screen to send the message.

Google Calendar

Press the **Home Key** >  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.

Chrome

Use Google Chrome to browse the Internet. Chrome on your phone can sync bookmarks, browsing history, and opened tabs from your Google account.

Google

With the Google app, you can search for information on the web or on your phone with text or your voice, give out voice commands, and join Google Now to get all kinds of information when you need it without searching.

Google+

Google+ makes connecting on the web more like connecting in the real world. Share your thoughts, links and photos with the right circles. Get everyone on the same page with fast and simple group chat.

NOTE: For detailed information about Google+, open **Google+** and press the **Menu Key** > **Help** to view the online instructions.

Using Your Google Applications

To sign into and use Google+:

1. Press the **Home Key** >  > **Google+**.
2. Select your Google account. If you already have a Google account, but you don't see your account in this list, tap **Add account** > **OK** > **Existing**. Follow the onscreen steps to enter the information about the account.
3. Set the instant upload and contact sync options to continue.
4. Get started with Google+. You can tap the Google+ icon at the top left of the screen and use the following features:

- **Home:** See posts people have shared with you, a circle you're in, or everyone.
- **People:** Find people to add to your Google+ circles, create new circles, view and organize people into circles based on your relationships with them. You can follow content posted by people you find interesting.
- **Photos:** View photos taken by you, photos you've been tagged in, and photos from your circles.
- **Communities:** A community is where people gather for the sharing and discussion of a common topic.
- **Locations:** Share your location with your friends.

- **Hangouts:** Chat with your friends through text or video.
- **Events:** Add events, invite people, and then share photos in real-time from the event.
- **Search:** Search for posts on Google+.

To sign out of Google+:

If you are already signed in to the app, you can sign out by following these steps:

1. Go to the Home screen of the app.
2. Press the **Menu Key** > **Sign out**.

Play Music

The Play Music app  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 phone 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 phone.

Maps

Google Maps helps you find your location or other places on the map, get directions to your destination, explore your local area or an unknown territory, and much more.

To use Google Maps and find your location, you must have location services turned on on your phone. Press the **Home Key** > **Menu Key** > **System settings** > **Location services** and check **Location & Google search** as well as other location services you need.

- To locate yourself on the map, open the **Maps** app and tap .
- To search for a place, tap .
- To get directions to your destination, tap  beside the search field.
- To find all kinds of businesses around you or in other areas, pan the map to that area and tap the **Search** field. Then tap the **Explore** card and choose one option in the new screen. Results will appear on cards.

NOTE: The "Explore" feature is not available for all areas.

Google+ Hangouts

Google+ Hangouts replaces Google Talk when the app is updated on Play Store (refer to Play Store information section below). Bring your conversations to life with photos, emoji, and even group video calls for free.

Starting a Hangout

1. Press the **Home Key** >  > **Hangouts**.
2. Tap .

Using Your Google Applications

3. You can search for contacts via name, email, phone number or circle, or scroll down and tap the desired contacts to select them.
4. To send a message to the selected recipients, tap **Message**.

Returning to an Existing Hangout

1. Press the **Home Key** >  > **Hangouts**.
2. Tap the desired hangout to open it. Your chat history will be displayed.

Deleting a Hangout

In the Hangouts app, tap an existing hangout. Press the **Menu Key** > **Delete** > **Delete**.

Play Store

Press the **Home Key** > **Play Store**. You can buy or rent music, books, movies, apps, and download them to your phone.

NOTE: The content you can access in Play Store depends on your region and your service provider.

To browse and search for apps:

You can browse apps by category. Tap a top-level category, such as Games and tap the app from any subcategory.

You can also search for apps using an app's name or description, or the developer's name. Just tap  and enter the search terms.

Using Your Google Applications

To download and install apps:

When you find the app you are interested in through browsing or searching, tap it to open its details screen, where more information about the app is displayed.

1. Tap **Install** (free apps) or the **price** (paid apps). If the app is not free, you need to sign in to your Google Wallet account and select a payment method.

CAUTION: Once installed, some apps can access many functions or a significant amount of your personal data. The Play Store will show you what the app can access.

2. Tap **Accept** to proceed, or press the **Back Key** to cancel.
3. Wait for the app to be downloaded and installed automatically. Payment needs to be authorized before paid apps start downloading.

The app is successfully installed when the  icon appears in the Status Bar.

Settings

Setting Date and Time

1. Press the **Home Key > Menu Key > System settings > Date & time**.
2. Uncheck **Automatic date & time** and **Automatic time zone** if you want to set the date, time and time zone by yourself.
3. Set the date, time, time zone, and date/time format.

Display Settings

By pressing the **Home Key > Menu Key > System settings > Display**, you can adjust the display settings as you like.

- **Brightness:** Adjust brightness of the screen.
- **Wallpaper:** Select a background image for the home screen and the lock screen.
- **Sleep:** Set the length of time of inactivity before the screen turns off.
- **Font size:** Set the font size of the text on the screen.
- **Pulse notification light:** Flash the LED light to notify you of missed calls, new messages, and other events.

Sound Settings

By pressing the **Home Key > Menu Key > System settings > Sound**, you can adjust the sound settings, such as setting ringtones, notification sound, and volume, turning on silent mode, vibration, or SRS sound enhancement, allowing sound feedback for touching keys, making selections, and locking the screen.

To quickly switch to silent mode, press the lower end of the **Volume Key** until  appears in the Status Bar, or press and hold the **Power/Lock Key** and select .

Language Settings

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

1. Press the **Home Key > Menu Key > System settings > Language & input > Language**.
2. Select a language from the list given.

Mobile Network Services

Press the **Home Key > Menu Key > System settings > Mobile networks** to enable or disable data service, allow data services when roaming, select always-on mobile data, or set access point names for data access.

Getting Data Services When Roaming

1. Press the **Home Key > Menu Key > System settings > Mobile networks**.
2. Check the **Data roaming** box.

IMPORTANT: Data roaming and always-on mobile data may incur significant roaming charges.

Security Settings

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

Protecting Your Phone With a Screen Lock

You can protect your phone by creating a screen lock. When enabled, you need to draw a pattern or enter a numeric PIN or password to unlock the phone's screen and keys.

1. Press the **Home Key > Menu Key > System settings > Security**.
2. Tap **Screen lock**.
3. Tap **Long press, Pattern, PIN** or **Password**.
 - If you tap **Long press**, you must press and hold  at the center of the screen to unlock the screen. Tap and drag the icon in any direction to access application shortcuts.
 - If you tap **Pattern**, you're guided to create a pattern you must draw to unlock the screen. The first time you do this, a short tutorial about creating an unlock pattern appears. Then you're prompted to draw and redraw your own pattern.
 - If you tap **PIN** or **Password**, you're prompted to set a numeric PIN or a password you must enter to unlock your screen.

The next time you turn on your phone or wake up the screen, you must draw your unlock pattern or enter your PIN or password to unlock it.

IMPORTANT: Screen lock options are listed in the approximate order of the strength of their security, starting with **None**, which provides no security.

If you forget the pattern you set, try five times and tap **Forget pattern?** to sign in to the Google account you have added on the phone and reset the screen lock. You need an active Internet connection. You can also upgrade the phone software (see *Upgrading the Phone Software*).

Protecting Your Phone with Encryption

You can encrypt all the data on your phone: Google accounts, application data, music and other media, downloaded information, and so on. If you do, you must enter a numeric PIN or password each time you power on your phone.

WARNING! Encryption is irreversible. The only way to revert to an unencrypted phone is to perform a factory data reset, which erases all your data.

Encryption provides additional protection in case your phone is stolen, and may be required or recommended in some organizations. Consult your system administrator before turning it on. In many cases the PIN or password you set for encryption is controlled by the system administrator.

Before turning on encryption, prepare as follows:

1. Set a lock screen PIN or password.
2. Charge the battery.

3. Keep the phone connected to the charger.
4. Schedule an hour or more for the encryption process: you must not interrupt it or you will lose some or all of your data.

When you're ready to turn on encryption:

1. Press the **Home Key > Menu Key > System settings > Security > Encrypt phone**.
2. Read the information about encryption carefully.

The **Encrypt phone** button is dimmed if your battery is not charged or your phone is not plugged in.

If you change your mind about encrypting your phone, press the **Back Key**.

WARNING! If you interrupt the encryption process, you will lose data.

3. Tap **Encrypt phone**.
4. Enter your lock screen PIN or password and tap **Next**.

5. Tap **Encrypt phone** again.

The encryption process starts and displays its progress. Encryption can take an hour or more, during which time your phone may restart several times.

When encryption is completed, you'll be prompted to enter your PIN or password.

Subsequently, you must enter your PIN or password each time you power on your phone to decrypt it.

Protecting Your micro-SIM Card With a PIN

Every micro-SIM card comes with a PIN. The initial PIN is provided by your mobile phone provider. It's best to lock your micro-SIM card with the PIN as soon as you can.

1. Press the **Home Key > Menu Key > System settings > Security > Set up SIM/RUIM card lock**.
2. Check the **Lock SIM card** check box.
3. Enter the PIN you've been given and tap **OK**.

Changing Your micro-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. Press the **Home Key > Menu Key > System settings > Security > Set up SIM/RUIM card lock**.
2. Make sure you have already checked 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 micro-SIM Card

Put all your confidential passwords in a safe place for future use. If you enter the wrong micro-SIM PIN more times than allowed, your micro-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 micro-SIM card.

Managing Your Device Memory

Press the **Home Key > Menu Key > System settings > Storage**. You can view the space information of the microSDHC card as well as the phone storage.

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

NOTE: Please unmount the microSDHC card before removing it.

Privacy: Reset to Factory Settings

1. Press the **Home Key > Menu Key > System settings > Backup & reset > Factory data reset > Reset phone**.
2. Tap **Erase everything**.

WARNING! All your personal information and downloaded applications on your phone will be erased after the resetting.

Managing Applications

Press the **Home Key > Menu Key > System settings > Apps**.

Tap an app in the **DOWNLOADED, ON SD CARD, RUNNING**, or **ALL** tab to see its information. You can stop the app, uninstall or disable the app, clear data and cache, or move the app between the internal storage and the memory card.

NOTE: Not all applications can be moved or uninstalled.

Installing an Application

You can install a free or paid application from the Play Store (the **Home Key > Play Store**) by selecting the item you want to download and tapping **Install**.

You can also install an application from sources other than the Play Store if you have allowed the installation of it. To allow the installation, press the **Home Key > Menu Key > System settings > Security** and check the **Unknown sources** check box and accept the warning.

Make sure that you select an application developed for your phone and processor type before installing it.

1. Press the **Home Key >  > File Manager**, and open the download folder where the application file is.

2. Tap the file to start installation.
3. Read the installation instructions that come with the application and follow it to complete the setup.

Managing Other Settings

Search Settings

You can manage your phone search settings and Google Search options by opening the **Google Search** application and pressing the **Menu Key > Settings**.

- **Google Now:** Set the cards that Google Now will present.
- **Notifications:** Choose which Notifications you will receive.
- **My stuff:** Set your locations, reminders, sports teams, and stocks.
- **Voice:** Adjust the following voice search related settings:
 - **Language:** Select the language you use when entering text by speaking or searching by speaking.
 - **Speech output:** Control when the phone should output speeches.
 - **Block offensive words:** Replace offensive words with an asterisk (*) when you use Google voice recognition to transcribe your voice into text.

- **Offline speech recognition:** Enable voice input while you're off the Internet.
- **Personalized recognition:** Select to improve speech recognition accuracy.
- **Google Account dashboard:** Manage your collected data.
- **Bluetooth headset:** Let the phone listen to your voice through a *Bluetooth* headset if it is connected with your phone.
- **Phone search:** Select the types of data on the phone that is included in the search results.
- **Privacy & accounts:** Manage location history, web history, recent searches, and location services.

Data Usage

Press the **Home Key > Menu Key > System settings > Data usage**. Slide the **On/Off** switch to turn on or off mobile data.

You can check how much data has been used during the time cycle you set, set a mobile data limit and warning, see what apps have been using mobile data, or restrict background data for individual apps.

VPN

Press the **Home Key > Menu Key > System settings > More > VPN** to manage and connect to Virtual private networks (VPNs).

Depending on the type of VPN you are using, you may be required to enter your login credentials or install security certificates before you can connect to your

Settings

VPN. You can get this information from your network administrator.

Connect to PC

Press the **Home Key > Menu Key > System settings > Connect to PC** to select the USB connection mode between your phone and PC.

- **Charge only:** Charge your phone via USB.
- **USB mass storage:** Transfer files between PC and the internal storage or external SD card on your phone.
- **Install driver:** Install the driver needed for some USB connection modes (such as MTP).
- **Connect to PC software:** Install apps or manage data on the phone via PC software.
- **Media device (MTP):** Transfer media files on Windows or Mac.
- **Camera (PTP):** Transfer photos using camera software.

Accessibility

Press the **Home Key > Menu Key > System settings > Accessibility** to configure accessibility plug-ins on your phone, such using TalkBack for low-vision users.

Developer Options

Press the **Home Key > Menu Key > System settings > Developer Options** to developer options contains settings that are useful when developing Android applications.

About Phone

Press the **Home Key > Menu Key > System settings > About Phone** to view phone status and legal information. You can upgrade your phone system.

Other Applications

Alarm

Set alarms or turn the phone into a bedside clock.

Setting a New Alarm

1. Press the **Home Key >  > Alarm**.
2. Tap  at the bottom of the screen to create a new alarm.
3. Tap the / icon before an alarm to turn on or off the alarm.
4. Tap a default alarm to configure it, and set up the alarm options, such as time, repeat, and ringtone.
5. Press the **Back Key** to save and exit.

Using Bed Clock

Bed clock displays the current time and the next alarm.

1. Press the **Home Key >  > Alarm**.
2. If necessary, press the **Menu Key > Bed Clock Preferences** in the Alarm screen to set up the following bed clock options. Then press the **Back Key** to return to the Alarm screen.
 - **Enable bed clock:** Turn on or off the bed clock function.
 - **Bed clock never sleeps:** Keep the bed clock screen turned on when charging the phone.
3. Tap the **Menu Key > Bed Clock** to open the bed clock screen.

Calculator

Press the **Home Key >  > Calculator**.

TIP: Tap  or , or swipe left or right to switch between different panels. You can also hold the phone on its side to see all of the calculator buttons.

Downloads

The Downloads app keeps a record of the files you have downloaded using the Browser, Email, or Gmail app.

Press the **Home Key >  > Downloads** to check the record.

- Tap a file to open it with the appropriate applications.
- Tap and hold a file, or check the box in front of it, to delete or share it.

File Manager

Quickly access all of your images, videos, audio clips, and other types of files on your phone and on the memory card.

1. Press the **Home Key >  > File Manager**.
2. Tap the folder name at the top of the screen to switch between the memory card storage and the phone storage.

Other Applications

NotePad

Press the **Home Key** >  > **NotePad** to save and view your text notes.

- Tap **New** to create a new note. Then enter your text and tap **Save** to save it.
- Tap a note to view its entire content. You can also delete, share, edit, or export it.

Task Manager

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

- Tap a task in the **Tasks** tab to disable, force stop, or see its details. Tap  next to a task to close it.
- Tap the **Apps** tab to manage all the apps on your phone.
- Tap the **Resources** tab to view the real-time system resources information.

Timer

Press the **Home Key** >  > **Timer** to use the stopwatch or the timer.

Stopwatch allows you to record lap times, while Countdown allows you to set a time and count down to zero.

YouTube

Press the **Home Key** >  > **YouTube**.

You can watch YouTube videos or upload your own.

Upgrading the Phone Software

There are several ways to upgrade your phone software:

- Use the online upgrade tool for mobile terminal products.
- Use the one-press upgrade package offered by your mobile service provider.
- Use the upgrade package on your microSDHC card.

NOTE: Visit ZTE official handset website (<http://www.ztedevice.com>) to learn more about the above upgrade methods, as well as which phone models and methods are supported.

Troubleshooting

If you encounter problems while using the phone, or if it performs abnormally, you can refer to the chart below. If your particular problem cannot be resolved using the information in the chart, contact the dealer where you purchased the phone.

Problem	Possible Causes	Possible Solution
Poor reception	The network signal is too weak at your current location, for example, in a basement or near a tall building, because wireless transmissions can not effectively reach it.	Move to a location where the network signal can be properly received.
	The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.
Echo or noise	Poor network link quality on the part of your service provider.	End the call and dial again. You may be switched to a better-quality network link or phone line.
	Poor local telephone line quality.	End the call and dial again. You may be switched to a better-quality network link or phone line.
Unable to select certain features	Your service provider does not support these features, or you have not applied for services that provide these features.	Contact your service provider.
Battery not charging	The battery or battery charger is damaged.	Contact the dealer.
	The phone's temperature is below 32°F (0°C) or higher than 113°F (45°C).	Adjust the battery charging environment to avoid extremes of temperature.
	Poor contact between the battery and charger.	Check all connectors to make sure all connections have been properly made.

Troubleshooting

Problem	Possible Causes	Possible Solution
Shortened standby time	The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time.	If you are located in an area where signaling is weak, temporarily power off the phone.
	The battery is depleted. In high temperature environments, battery life will be shortened.	Use a new battery.
	If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.
Cannot turn your phone on	Battery power has been depleted.	Recharge the phone's battery.
micro-SIM card error	micro-SIM card malfunction or damage.	Take the micro-SIM card to your service provider for testing.
	micro-SIM card inserted improperly.	Insert the micro-SIM card properly.
	Debris on the micro-SIM card contacts.	Use a soft, dry cloth to clean the micro-SIM card contacts.
Unable to connect to the network	micro-SIM card invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.

Troubleshooting

Problem	Possible Causes	Possible Solution
Cannot answer incoming calls	You have activated the Call barring feature.	In Phone app, press the Menu Key > Settings > Call Barring Settings , and then check Deactivate All .
Cannot make outgoing calls	You have activated the Call barring feature.	In Phone app, press the Menu Key > Settings > Call Barring Settings , and then check Deactivate All .
	You have activated the Fixed dial numbers feature.	In Phone app, press the Menu Key > Settings > Fixed Dialing Numbers and disable it.
PIN code blocked	You have entered an incorrect PIN code three consecutive times.	Contact your service provider. If the service provider provides the micro-SIM card's PUK code, use the PUK code to unlock the micro-SIM card.
Unable to enter information into the phonebook	The phonebook's memory is already full.	Delete unnecessary data from the contacts.
Phone crashes, reboots, freeze, or cannot be powered on	Some third-party software is not compatible with your phone.	Reset the phone to factory status.
		Enter safety mode and uninstall the software that may cause the problem.
		Upgrade the phone software.

For Your Safety

General Safety

	Don't make or receive handheld calls while driving. And never text while driving.		Don't use at gas 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.		To prevent possible hearing damage, do not listen at high volume levels for long periods.
	Keep away from pacemakers and other electronic medical devices.		Avoid contact with anything magnetic.
	Switch off when asked to in hospitals and medical facilities.		Avoid extreme temperatures.
	Switch off when told to in aircrafts and airports.		Avoid contact with liquids. Keep your phone dry.
	Switch off when near explosive materials or liquids.		Don't take your phone apart.
	Don't rely on your phone for emergency communications.		Only use approved accessories.

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 United States, Industry Canada of Canada.

During SAR testing, this device is set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage against the head with no separation, and near the body with the separation of 0.4 inches (10 mm). Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg, and 1.6 W/kg by Industry Canada.

This device is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1992 and Canada RSS 102, and had been tested in accordance with the measurement methods and

procedures specified in OET Bulletin 65 Supplement C, and Canada RSS 102. This device has been tested, and meets the FCC, IC RF exposure guidelines when tested with the device directly contacted to the body.

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 www.fcc.gov/oet/ea/fccid after searching on FCC ID: **SRQ-Z930L**.

For this device, the highest reported SAR value for usage against the head is **0.78 W/kg**, for usage near the body is **1.17 W/kg**.

While there may be differences between the SAR levels of individual Z930L phones and at various positions, they all meet the government requirement.

SAR compliance for body-worn operation is based on a separation distance of 0.4 inches (10 mm) between the unit and the human body. Carry this device at least 0.4 inches (10 mm) away from your body to ensure RF exposure level compliant or lower to the reported level. To support body-worn operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 0.4 inches (10 mm) between this device and your body.

RF exposure compliance with any body-worn accessory, which contains metal, was not tested and certified, and using such body-worn accessory should be avoided.

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.

Using Your Phone With a Hearing Aid Device

Your Z930L is compliant with the FCC Hearing Aid Compatibility (HAC) requirements. For additional HAC information, including the HAC rating of this product, please refer to www.zteusa.com/support_page/.

When some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate. The wireless telephone industry has developed ratings for some of their mobile phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that have been rated have a label on the box.

Your Z930L has been tested for hearing aid device compatibility and has an M3/T4 rating.

These ratings are not guaranteed. Results will vary, depending on the level of immunity of your hearing device and the degree of your hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully.

Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

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

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices contain telecoils.) The more immune your hearing aid device is, the less likely you are to experience interference noise from your wireless phone.

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device.

For additional information about the FCC's actions with regard to hearing aid compatible wireless devices and other steps the FCC has taken to ensure that individuals with disabilities have access to telecommunications services, please go to www.fcc.gov/cgb/dro.

Turning on the HAC Setting

To turn on the HAC function, press the **Home Key** >  > **Menu Key** > **Settings** and check the **Hearing aids** check box. For detailed information, refer to "Using Your Phone With a Hearing Aid Device."

This section applies to T-Rating only and hearing aids that contain telecoils. When the HAC setting is on, your Z930L sends the audio from your phone calls to the telecoil rather than to the microphone of your hearing aid. You are likely to hear calls much better because volume is increased and background noise and feedback are diminished. The HAC setting improves only the calls you listen to through the earpiece. It does not affect calls heard on the speaker or with a headset. HAC requires extra battery power, so watch your battery consumption when it's turned on.

CAUTION: Do not turn on the HAC setting unless you use a hearing aid with a telecoil. Using this setting without a hearing aid or with a hearing aid without a telecoil may be harmful to your hearing.

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

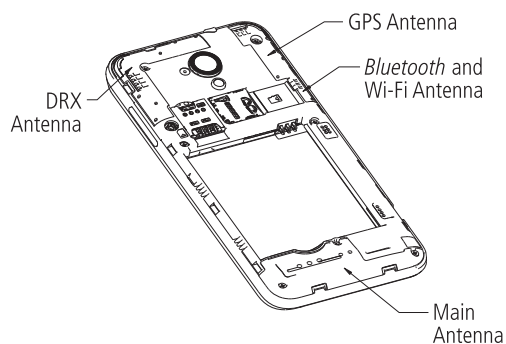
You alone are responsible for how you use your phone and any consequences of its use. You must always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
- Keep the screen and camera lens clean. Unclean screen or camera lens may slow down the phone's reaction to your operations or lower image quality.
- Clean your phone and its accessories with a soft material such as cleaning cloth for eyeglass lenses. Do not use alcohol or other corrosive substances for cleaning or allow them to get inside.
- 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 paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories, only authorized personnel must do so.

- Do not expose or use your phone or its accessories in an environment with or that can reach extreme temperatures, minimum 23°F (- 5°C) and maximum 122°F (50°C).
 - Do not place your phone inside or near heating equipments or high pressure containers, such as water heaters, microwave ovens, or hot cooking utensils. Otherwise, your phone may be damaged.
 - 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 micro-SIM card's metal connectors.

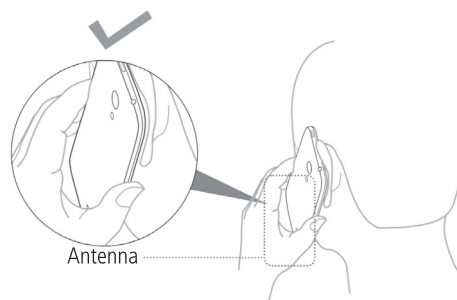
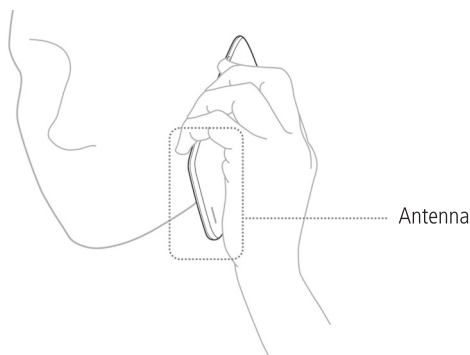
Antenna

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 toward 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. To reduce the risk of blackouts or seizures, you can use your phone in a well-lit room and take frequent breaks.

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.
- Touch the on-screen keyboard lightly.
- Use the special features which are designed to minimize the times of touching the onscreen keyboard, such as Message Templates and Predictive Text.
- Take frequent 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 should not 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* 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.

Never puncture the surface of the battery with sharp objects.

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 accessories.

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

If your phone (or its accessories) 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 center.

Battery Handling and Safety

- Do not disassemble or crush, bend or deform, puncture, or shred.
- Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, expose to fire, explosion or other hazard.
- Only use the battery for the system for which it is specified.
- Only use the battery with a charging system that has been qualified by ZTE. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- Do not short-circuit a battery or allow metallic conductive objects to contact battery terminals.
- Replace the battery only with another battery that has been qualified with the system per this standard, IEEE-Std-1725. Use of an unqualified battery may present a risk of fire, explosion, leakage or other hazard.
- Promptly dispose of used batteries in accordance with local regulations.
- Battery usage by children should be supervised.
- Avoid dropping the phone or battery.
- Improper battery use may result in a fire, explosion, or other hazard.
- The phone shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

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.

Please consult your doctor and the device manufacturer to determine if operation of your phone may interfere with the operation of your medical device.

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 Equipment

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 and enable the airplane mode of your phone when boarding an aircraft.

Interference in Vehicles

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

Gas 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 fueling 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.

Specifications

Handset specifications are shown in the following table.

Handset Standards	GSM (GPRS, EDGE, HSDPA+, LTE Supported)
Dimensions (H × W × D)	5.24" (H) × 2.64" (W) × 0.41" (D)
Weight	4.83 oz (with battery)
Display	4.5" 540 x 960
Camera	5 megapixel camera
Internal memory	ROM: 8GB, RAM: 1GB (including SDHC card capacity)
Removable memory card	Supports microSDHC card up to 32 GB
Battery	2,070 mAh
Continuous idle time	Up to 8.5 days
Continuous talk time	Up to 5 hours
WAP browser version	WAP 2.0

NOTE: The phone’s talk time and idle time are based on ideal working environments. The use of extended backlighting, browser, and network conditions can reduce battery life and talk/idle time.

Notes

Notes
