

# ZTE Sonata 4G™

## User guide



**ZTE**

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Product meets FCC Radio Frequency Exposure Guidelines—FCC ID SRQ-Z740.  
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.

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## Getting started

### Phone setup

#### *Installing the SIM card and battery*

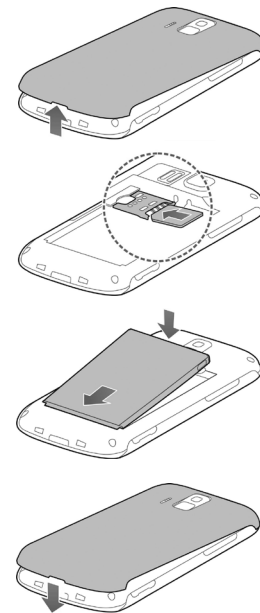
Power off your phone before installing or replacing the battery or SIM card.

1. Remove the back cover as shown.

2. Insert the SIM card into the card slot with the cut corner oriented as shown.

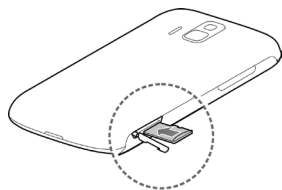
3. Carefully insert the battery with the contacts located against the metal springs. Push down on the battery until it is fully seated.

4. Replace the back cover.



## Inserting a microSDHC™ card

1. Open the microSDHC card slot and insert a microSDHC card (not included) with the gold-colored contacts facing the front of the phone.
2. Close the microSDHC card slot.



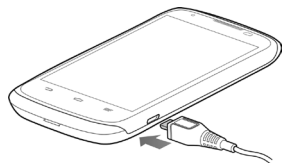
## Removing the battery and SIM/microSDHC card

1. Power off your phone.
2. Remove the back cover.
3. Lift the battery up and out.
4. Slide the SIM card out.
5. Open the microSDHC card slot and push in on the card until you hear a click. Once you release the card it should pop out of the phone.

## Charging the battery

**Note:** For best performance, charge the battery fully prior to using the phone for the first time.

1. Insert the charger's connector into the charging port. Be sure to insert the connector in the correct orientation. Do not force the connector into the port.
2. Plug the charger into a standard AC wall outlet.
3. When the battery is fully charged, unplug the charger and disconnect it from the phone.






## Switching your phone on/off

Make sure the SIM card is in your phone and the battery is charged.

- Press and hold the **Power key** to turn on your phone.
- To turn it off, press and hold the **Power key** to open the options menu. Tap **Power off** > **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 *Phone settings – Factory reset*), you need to set up your phone settings before using it.

1. Scroll the language list to highlight the language you need and then tap **Start**.
2. If you have a Gmail account, tap **Yes** to sign in to Google. Tap **No** if you do not have an account.
3. To create a Google account, tap **Get an account**. You can also tap **Not now** to set up an account later.
4. Configure the Google location options and tap .
5. Input your name and tap .
6. Read the Google services information and tap .
7. Tap **Finish** to complete setup.


## Switching to Sleep Mode

To save battery power, Sleep Mode suspends your phone in 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 by tapping  > **System settings** > **Display** > **Sleep** from the home screen.

Press the **Power key** to switch to Sleep Mode.

## Waking up your phone

1. Press the **Power key** to activate your screen display.
2. Tap and hold  to unlock the screen.

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

## Getting around

### Touch control

Use the touch screen to control your phone. The controls on your touch screen change dynamically depending on the tasks you're performing.

1. Tap the buttons, icons, or applications to select items or to open applications.
2. Keep your finger on an item to see the available options.
3. Swipe the screen to scroll up, down, left, or right.
4. Drag and drop to move particular items across the screen.
5. Pinch with two fingers or double-tap the screen to zoom in/out on a web page or an image.

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

## Get to know your phone



## Get to know your phone *(continued)*



Back

## Key functions

Key	Function
<b>Power key</b>	Press and hold to turn phone on/off, change sound setting to silent/vibration/sound, or to set to Airplane mode. Press to switch your phone to Sleep Mode. Press to wake up your phone.
<b>Home key</b>	Tap to return to the main home screen from any application or screen. Tap and hold to see recently used applications.
<b>Menu key</b>	Tap to see the options for the current screen.
<b>Back key</b>	Tap to go to the previous screen.
<b>Volume keys</b>	Adjust the volume of the phone.

## Home screens

You can customize your home screens. Set your own wallpaper, add the widgets or application shortcuts you need, or remove them as you like.





## Navigating your home screens


Your phone comes with 3 home screens, giving you more space to add more items. Simply swipe your finger to the left or right to see each home screen.



## Creating new home screens


1. From the home screen, pinch two fingers quickly together.
2. Tap  on a blank screen thumbnail.
3. Tap .

## Choosing your wallpaper

1. From the home screen, tap  > **Wallpaper**.
2. Tap **Home** or **Lock screen**.
3. Tap **Gallery**, **Live wallpapers** or **Wallpapers** and choose the image or animation you want to use as the wallpaper. Some cropping may be needed for Gallery images.
4. Tap **Done** (for Gallery images) or **Set Wallpaper**.

**Note:** Live wallpapers are not available for the lock screen.

## Adding items to your home screen

1. Tap .
2. Tap the **Apps**, **Widgets**, or **Shortcuts** tab, depending on what you want to add.
3. Tap and hold the icon of the item you wish to add and then drag it to the spot on the home screen where you want it located.

## 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.

## Removing items from your home screen

1. Tap and hold the item you want to delete until **Remove** appears on the screen.
2. Drag the item to **Remove** and release your finger when the item turns red.

## Creating a folder

1. On a home screen, tap and hold an app icon and drag it to **Folder**.
2. You can add more apps to the folder by dragging icons to the folder.
3. Tap the folder to open it and access items in the folder.
4. To name the folder, open it and tap **Folder**.
5. Enter a name and tap **Done**.

## Deleting items from a folder

1. Tap a folder to open it.
2. Tap and hold an icon and drag it to **Remove**. Release the icon when it turns red.

## Weather/clock widget


### Customizing the widget

- To add the weather for a city, tap the weather portion of the widget > **Add city**. Tap a major city name or enter a name to search for it.  
**Note:** Your phone will automatically add the weather for your current location via GPS.
- If you have more than one city added to the widget, swipe left or right on the weather screen to switch between cities.

- To set a city as a default location, replace it, or delete it, tap  >  > **Set as default.**

**Tip:** To change from Fahrenheit to Celsius, tap  > **Temperature scale.**

### Using the widget

- To set an alarm, tap the time on the widget.
- To refresh the weather information, tap .
- To view detailed weather information, including forecasts, tap the temperature.
- To delete the widget, tap and hold it and drag it to **Remove.**

### Indicator light











The Indicator light will be red for 10 seconds when the phone is powered on and when the battery is low (less than 5%). It also indicates battery charging status and other information as follows:











Indicator light	What it means
Red	Battery less than 5%
Orange	Battery less than 90%
Green	Battery more than 90%
Blinking red	No service
Blinking orange	Alarm notification
Blinking green	Missed calls or messages






## Status and notification icons










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

### Indicators and icons

Indicator	What it means
	EDGE connected
	EDGE data in use
	WCDMA data connected
	WCDMA data in use
	Airplane mode
	Battery empty
	Battery low
	Battery partially drained
	Battery full
	Battery charging


Indicator	What it means
	No signal
	Signal strength
	Ringer off
	Vibrate mode
	Speaker on
	Phone microphone off
	Bluetooth on
	Connected to a Wi-Fi network
	Wi-Fi in use
	Wired headset connected

Indicator	What it means
	New SMS
	New MMS
	New email
	New Gmail message
	Missed call
	Call in progress
	Song is playing
	USB connected
	Updates available

Indicator	What it means
	Alarm set
	microSDHC card unmounted
	Preparing microSDHC card
	Upcoming event
	Call on hold
	New Wi-Fi network detected
	Downloading data
	Sending data
	GPS on


## Using the Notifications panel

The Notifications panel provides quick access to alerts including new messages, emails, and software updates.

- To open the Notifications panel, swipe your finger down from the top of the screen.
- To close the Notifications panel, swipe your finger up from the bottom of the screen or tap .

### Respond to or remove a notification

You can respond to or remove notifications in the Notifications panel. The panel also supports expandable notifications that let you perform additional actions.


- To respond to a notification, tap it.
- To expand a notification, slide down with one finger. You can also swipe two fingers vertically or pinch/zoom to expand or collapse certain notifications.
- To remove a notification, swipe it left or right.
- To remove all notifications, tap  in the top right corner.
- To turn off notifications from an application, tap and hold a notification and then tap **App info**. Uncheck **Show notifications** in the app info screen.
- Most apps that send notifications, such as Gmail and Google+, have notification settings that you can adjust.

**Note:** If you turn off notifications for an app, you may miss important alerts and updates. The notifications of some apps cannot be turned off.



**Tip:** In the Notifications panel, tap  at the top of the list to get to the **Settings** menu quickly.

### Reopen recently used applications

1. Tap and hold  from any screen. The phone will display applications you used recently.
2. Tap the application you want to open.

### Using Quick Settings

The Quick Settings above the Notifications panel make it convenient to view or change the most common settings for your phone.

Open the Notifications panel and you can find the following Quick Settings on the top of the screen. Slide left or right to view the setting options.




- **Auto Rotate:** Tap to turn the auto-rotate feature on or off.
- **Wi-Fi:** Tap to turn Wi-Fi on or off.
- **Bluetooth:** Tap to turn *Bluetooth* on or off.
- **GPS:** Tap to turn GPS on or off.
- **Sound:** Tap to turn the silent mode with vibration on or off.
- **Data:** Tap to enable or disable data access over the mobile network.
- **Sync:** Tap to turn the auto-sync feature on or off. When auto-sync is on, changes you make to account information on the web or on your phone are automatically synced.
- **Airplane:** Tap to turn airplane mode on or off. Enabling airplane mode turns off voice and data transmission.
- **Brightness:** Tap to adjust the screen brightness.

## Phone calls

### How to make calls



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

#### *Calling from the dialer*



1. From the home screen, tap .
2. Enter the phone number with the on-screen keypad. Tap  to delete wrong digits.
3. Tap  to place the call.

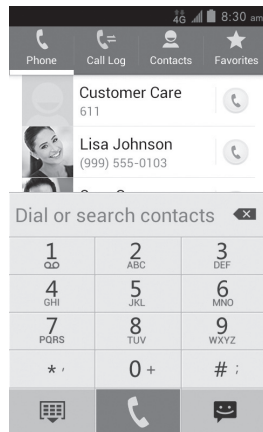
**Tip:** To make international calls, tap and hold  to enter the “+”.

#### *Calling from your contacts*



1. From the home screen, tap .
2. Swipe your finger up or down to scroll through the contacts list and tap  next to the contact you want to call.

#### **Tips:**

- You can search for a contact by tapping  and entering the contact name.
- You can also access your contacts by tapping  > **Contacts**.




## Calling from your call history

1. From the home screen, tap  > **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. From the home screen, tap .
2. Tap the conversation and then find the message that contains the phone number you need.
3. Tap **Call**.

## Using speed dial

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

The **1 key** is reserved for your voicemail.

## Assigning a speed dial key

1. From the home screen, tap  > **Call Log** or **Phone**.
2. In the Phone or Call Log tab, tap  > **Settings** > **Speed dial**.
3. Tap a speed dial key.
4. Enter a phone number or tap  to select one from the contact list.
5. Tap **OK**.


**Note:** You can also set your speed dial keys from the dialer. Press and hold the **2-9 Key** and then tap **OK**.


## How to receive calls

### Answering a call

Drag  to the center of the screen to answer the call.

### Rejecting a call

Drag  to the center of the screen to reject the call. This will prompt the caller to leave a voicemail message for you.

Drag  to the center of the screen to send a text message to the caller. Choose the default message or send a custom one.

### 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**.

**Tip:** If you accept an incoming call while you're on another call, the first call automatically goes on hold. Tap **Swap** to switch between the two callers.

### Turning the speakerphone on/off

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

## Adding a call

During a call, tap **Add call** and dial a number. When you call another number, the first call automatically goes on hold.

## Swapping calls

To switch between callers, tap **Swap**.

## Merging calls

To merge two calls and create a conference call, tap **Merge calls**.

**Note:** The maximum number of callers on a call varies by carrier.

## Ending a call

Tap  to finish a call.

## Adjusting your call settings


You can open the call settings menu by tapping  >  > **Settings**.

Fixed Dialing Numbers	Restrict outgoing calls to a fixed set of numbers. To do this you must know your SIM's PIN2 code. Not all carriers support this functionality.
Quick responses	Edit Quick response to rejected callers.
Voicemail	Service: Select voicemail service provider.
	Setup: Edit the voicemail number.
	Ringtone: Set the notification sound for new voicemails.
	Vibrate: Set the condition for vibration.
TTY mode	Choose a TTY mode after connecting the TTY device to the phone's headset port. A TTY device can allow people who have hearing or speech disabilities to communicate by telephone.
Hearing aids	Turn on/off hearing aid compatibility. When you turn on the hearing aid compatibility and use a hearing aid with a Telecoil to answer the phone, it will help you hear more clearly during the phone call.

DTMF tones	Set the length of dual-tone multi-frequency (DTMF) signal tones: <b>Normal</b> or <b>Long</b> .
Speed dial	Set contacts as speed dials for keys 2-9.
Call Barring Settings	Forbid certain types of calls: <b>All Outgoing</b> , <b>Outgoing International</b> , <b>Outgoing when Roaming</b> , <b>All Incoming</b> , or <b>Incoming when Roaming</b> .
Call forwarding	Forward your incoming calls to a different number. You can choose when to forward: <b>Always forward</b> , <b>Forward when busy</b> , <b>Forward when unanswered</b> , or <b>Forward when unreachable</b> .
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.

## 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, tap  on the home screen. From there, you can tap the tabs on the top to quickly switch to **Phone**, **Call Log**, or **Favorites**.

### Importing and exporting contacts

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

#### *Importing contacts from the SIM card or exporting to the card*


1. From the Contacts screen, tap  > **Import/export**.
2. Choose to import or export contacts. Your phone will automatically display the contacts.
3. Tap the contacts you want to import or export. Or, just tap  to select all contacts.
4. Tap **Import** or **Export**.

#### *Importing contacts from a microSDHC card or exporting to the card*



1. From the Contacts screen, tap  > **Import/export**.
2. Choose to import or export contacts.

- For import, you should have vCard files saved on the microSDHC card. If there's more than one vCard file, choose to import one, multiple, or all vCard files. Tap 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 on the microSDHC card.


### ***Importing contacts from the phone storage or exporting to the phone storage***

1. From the Contacts screen, tap  > **Import/export**.
2. Choose to import or export contacts.
  - For import, you should have vCard files saved in the phone storage. If there's more than one vCard file, choose to import one, multiple, or all vCard files. Tap 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 phone storage.

### **Sharing contact information**


1. From the Contacts screen, tap  > **Multi-Select**.
2. Select the contacts you want to share and then tap .
3. Choose how to share the contacts. Options depend on the applications and services installed.

### **Creating a contact**


1. From the Contacts screen, tap  to add a new contact.
2. Tap **Phone contact** to choose where to save the contact.

3. Enter the contact name, phone numbers, email addresses, postal addresses, and other information.
4. Tap **Done** to save the contact.





### **Adding a contact to Favorites**

1. From the Contacts screen, tap the contact you want to add to **Favorites**.
2. Tap  next to the contact's name.

### **Searching for a contact**

1. Tap  at the bottom of the Contacts screen.
2. Enter the contact name you want to search for. Matching contacts will be listed.

### **Creating a new group**

1. From the Contacts screen, tap .
2. Tap .
3. Tap **Phone** to choose where to save the contact.
4. Enter the group name and tap **Done**.
5. Tap  and select the contacts you wish to be the group members.
6. Tap .

To send messages to the group members, you can tap a group and then tap  > **Send group message**.



## Entering text

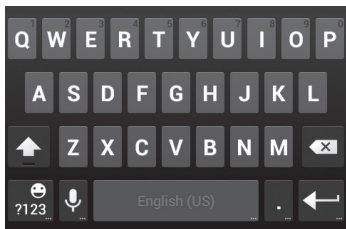
When you tap a field that needs text or numbers, a keyboard automatically appears on the screen. Open the Notifications panel and tap **Choose input method** to change input method.




### 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, tap the **Auto rotate screen** check box in  > **System settings** > **Accessibility**.

**Note:** The landscape keyboard is not supported in all applications.



- Tap the alphabetic keys to enter letters. Tap and hold the keys to enter associated accented letters or numbers. For example, to enter È, tap and hold **E** and the available accented letters and number 3 appear. Then slide your finger to choose È.
- 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. Tap and hold  to lock the keyboard in uppercase.

- Tap  to delete any text you have entered.
- Tap  to select numbers and symbols. You can then tap  to access more.
- Tap and hold  and then swipe to choose emoticons.
- Tap  to use Google's networked voice input.
- Tap and hold  to change the input language or the Android keyboard settings.




















### TouchPal keyboard

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

**To switch the keyboard layout:**



1. From the home screen, tap  > **System settings** > **Language & input** >  next to **TouchPal Keyboard** > **Keyboard layout**.
2. Check the box next to **Swipe layout**.
3. Tap a field that needs text or numbers.
4. Open the Notifications panel and tap **Choose input method** to change input method to TouchPal Keyboard.
5. With the TouchPal keyboard open, tap , uncheck the **Curve™** check box, and tap **Close**.
6. Swipe left or right on the TouchPal keyboard to switch between the **Full QWERTY**, **12-Key PhonePad**, or **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 text. 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 the TouchPal keyboard quick settings.
- Tap  for the full TouchPal keyboard settings menu.
- 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 a text entry 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.
- Tap and hold a key to enter the number indicated on the bottom of the key; tap and hold a key and then slide to  to customize the number or symbol for the key.




## 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.
- Tap and hold a key to enter the number or symbol indicated on the bottom of the key; tap and hold a key and then slide to  to customize the number or symbol for the key.



### 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.



### 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.

## Choosing touch input settings

Choose the touch input settings by tapping  > **System settings** > **Language & input** from the home screen.

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

## Messaging






Your SMS (text message) and MMS (multimedia message) are combined into one menu under .

### 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 on the Messaging 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. From the home screen, tap .
2. Tap .
3. Enter the recipient's number or name in the **To** field. As you type, matching contacts will appear. Tap a suggested contact to add as a recipient or tap  to access your contacts or call logs.
4. Tap the **Type message** field and enter your message.
  - Tap  to insert a smiley, contact, signature, or Quick Text.
  - If you are sending an MMS, tap  to attach a file to the message.
5. Tap **Send** to send your message.

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

## Changing message settings

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

### Storage settings:

- **Delete old messages:** Delete old messages as 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) message settings:

- **Manage SIM card messages:** Manage the messages stored on your SIM card.
- **Service Center:** Enables you to view and edit the service center number.

### Multimedia (MMS) message settings:

- **Auto-retrieve:** Automatically download multimedia messages.
- **MMS creation mode:** Choose to create an MMS message with or without restriction, or receive a warning when adding a restricted attachment to an MMS message.

### Display settings:

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

### 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:

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

### WAP push switch settings:

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


### Emergency alerts settings:


- **Receive emergency alerts:** Choose the types of emergency alerts you want to receive.
- **Notification for unread alerts:** Make your phone remind you every 10 minutes for unread alerts.
- **Alerts notification preview:** Preview the alert tone and vibration cadence.

## Email



With the Email application, you can access your email from various providers, including Yahoo!® and Gmail.

### Creating an email account

1. From the home screen, tap .
2. Enter your email address and password.
3. Tap **Next** to let the phone retrieve the network parameters automatically.  
**Note:** You can also enter these details manually by tapping **Manual setup** or if automatic setup fails.
4. Follow the on-screen instructions to finish the setup. Your phone will display your email inbox and start to download email messages.

**Tip:** To add more email accounts, open **Email** to get the Inbox screen and tap  > **Settings** > **Add Account**.


### Setting up a Microsoft Exchange ActiveSync account

1. From the home screen, tap .
- Note:** If another email account is already set up, tap  > **Settings** > **Add Account**.
2. Enter the email address and password.
3. Tap **Manual setup** > **Exchange**.
4. Enter **Domain\Username**, **Password**, and **Server** information and tap **Next**.
5. If prompted, tap **OK** to allow the server to remotely control some of your phone's security features.

6. Configure the settings on the screen, such as **Days to sync email**, and then tap **Next**.
7. If prompted, tap **Activate** to activate the Email app as a device administrator.
8. Identify your new account with a unique name and then tap **Next**.

**Note:** If necessary, contact your server administrator for more help.

### Receiving email

When you are in an email account, tap  to download recent emails.

You can adjust how often your account downloads new email by tapping  > **Settings** > **name of the account** > **Inbox check frequency**. Tap an option to select it.


### Composing and sending an email

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




1. From your inbox, tap .
2. Tap the **To** field and enter the recipient's address or tap  to select a contact or group.

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


**Tip:** You can also tap  > **Add cc/bcc** to add more recipients.

3. Enter the subject and the content of your email. If necessary, change the email priority.
4. Tap  > **Attach file** to add files to the email.
5. Tap **Send** to send the message.

## Replying to or forwarding an email



1. From your inbox, open the email you want to reply to or forward.
2. Tap  to reply or  to forward the email. You can also tap  to reply to all recipients of the email.
3. Enter the contents/recipients of your email.
4. Tap **Send**.

## Deleting an email account


1. From your inbox, tap  > **Settings**.
2. Tap the account you want to delete and then tap **Remove account**.
3. Tap **OK** to confirm. All email messages in the account will be deleted.

## Email settings

General settings apply to all email accounts you add.



1. From your inbox, tap  > **Settings** > **General**.
2. Make the changes you want and tap  when you're finished.

## Connecting to the Internet

Your phone's impressive networking capabilities allow you to access the Internet or your corporate network with ease. You can use default connection settings to connect to the web via your mobile network or Wi-Fi. The mobile data connection can be enabled/disabled manually. From the home screen, tap  > **System settings** > **Mobile networks** and check or uncheck the **Data enabled** check box.

## Adding a new mobile data connection

To get connected via mobile network, you need a data plan with your service provider. If the mobile data settings are not pre-configured on your phone, please contact your provider.

1. From the home screen, tap  > **System settings** > **Mobile networks** > **Access Point Names**.
2. Tap  > **New APN**.
3. Tap each item to enter the information you receive from your service provider.
4. Tap **Save** to complete.


**Tip:** To set the APN to default settings, tap  > **Reset to default**.

## Turning on Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 300 feet (91 meters).

Open the Notifications panel and tap **Wi-Fi**. Or, from the home screen, tap  > **System settings** and then slide the Wi-Fi switch to the **On** position.

## Connecting to a Wi-Fi network

1. From the home screen, tap  > **System settings** > **Wi-Fi**. The Wi-Fi network points, or “hotspots,” that your phone has detected are displayed with their names and security settings.
2. Tap a network to connect to it. If security features are implemented, you'll need to enter a password and then tap **Connect**.
3. To disconnect from a network, tap the network name and then tap **Forget**.

**Note:** Your phone automatically connects to previously used Wi-Fi networks when they are in range.

**Tip:** To connect to a Wi-Fi router that supports WPS, tap  on the phone's Wi-Fi menu and press the WPS button on your router.

### Advanced settings



To access advanced settings for Wi-Fi connections, from the Wi-Fi menu tap  > **Advanced**.

- **Network notification:** Your phone will emit a tone when an open network becomes available. Uncheck the box to turn off the notification tone.
- **Keep Wi-Fi on during sleep:** Choose from **Always**, **Only when plugged in**, and **Never**.
- **Avoid no Internet connections:** Your phone will not use a Wi-Fi network unless it has an Internet connection.


## Adding a Wi-Fi network

You can add a Wi-Fi network if the network does not broadcast its name (SSID), or add a Wi-Fi network when you are out of range.

To connect to a secured network, you first need to get the security details from the network's administrator.

1. From the home screen, tap  > **System settings** > **Wi-Fi**.
2. Slide the Wi-Fi switch to the **On** position.
3. Tap .
4. Enter the network SSID (name). If necessary, enter security or other network configuration details.
5. Tap **Save**.

## 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 network the phone is currently connected to on the Wi-Fi screen. You can then check the network status from the pop-up window.

## Adding a WPS network

Wi-Fi Protected Setup (WPS) is a feature that makes it easy to add your phone to the access points that supply WPS.

You can use one of the following methods to connect your phone to a wireless network using WPS.

Method one: WPS button (Recommended)

1. From the home screen, tap  > **System settings** > **Wi-Fi**.
2. Slide the **Wi-Fi** switch to the **On** position.
3. Tap .
4. Press the WPS button on the wireless router and the access point will recognize your phone and add it to the network.

Method two: PIN number

1. From the home screen, tap  > **System settings** > **Wi-Fi**.

2. Slide the **Wi-Fi** switch to the **On** position.

3. Tap  > **WPS PIN Entry**.

4. The WPS PIN number displays on-screen. Enter the PIN number into the access point's setup page.

After entering the PIN number, your phone automatically finds the access point and configures the connection.





**Note:** For detailed information about the WPS feature of access point, please refer to its documentation.

## Browsing the Internet

Your phone has two options for Internet access. Use the Browser or Google Chrome to view web pages and search for information.

### Using Google Chrome


Use Google Chrome to browse the Internet. Chrome on your Sonata 4G can sync bookmarks, browsing history, and opened tabs from your Google account.

1. From the home screen, tap  > .
2. Read the terms of service and tap **Accept and Continue**.
3. You can choose to sign in to Chrome to sync it with your open tabs, bookmarks, and your computer. If you choose **No thanks**, you can sign in later via the Settings menu.
4. To enter a URL, tap the web address bar, enter an address, and tap **Go**.
5. Scroll to navigate and tap links to open them. Use a pinching gesture to zoom out. Spread your fingers apart to zoom in. Tap  to access additional settings.
6. To open a new browser tab, tap  > **New tab**.

### Syncing Chrome




From the home screen, tap  >  >  > **Settings** > **Sign In To Chrome** > **Sign in**.

### Using the browser

From the home screen, tap . The last web page you were viewing will be displayed. If you have not used Browser recently, your home page will open.










## Opening a web page

- Tap the address bar, enter the website you want to browse, and tap **Go**.
- Tap  beside the address bar or tap  > **Bookmarks**. Tap a bookmark to open it.
- Tap  > **Bookmarks**. Choose an item from the **History** tab or **Saved Pages** tab.

## Browsing options



While viewing most web pages, you can do the following.

- **Scroll:** Swipe the screen in any direction.
- **Zoom out:** Tap the screen or pinch two fingers together.
- **Zoom in:** Tap the screen or spread two fingers apart.
- **Go back:** Tap  to return to the page you viewed previously.
- **Go forward:** Tap  > **Forward**.
- **Refresh the page:** Tap  > **Refresh**.
- **Find text on the page:** Tap  > **Find on page** and type the terms you want to search for.
- **Send the page URL to friends:** Tap  > **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:** Tap  > **Save for offline reading**. To read saved pages, tap  > **Bookmarks** > **Saved Pages**.


## Using multiple browser tabs



You can open several web pages at the same time (one page in each tab) and switch between them freely.

## Opening a new browser tab

1. Tap  beside the address bar. The number in the icon indicates the number of currently active browser windows.  
**Tip:** Scroll to the top of the screen to view the address bar.
2. Tap . A new browser window opens and the homepage is loaded.



## Switching between tabs

1. Tap  beside the address bar.
2. Swipe vertically to scroll through the list of opened tabs.
3. Tap the thumbnail to open a page.

**Tip:** Swipe a thumbnail horizontally or tap  to close the tab. Tap  at the top of the screen to close all tabs.

## Using incognito tabs for privacy



Pages you view in incognito tabs won't appear in your browsing history or search history. No trace will be left on your phone once you close the tab.

1. Tap  beside the address bar.
2. Tap  > **New incognito tab**.



## Using bookmarks

To bookmark a web page, open it and tap  or , and then tap **Save to bookmarks**. Give the bookmark a name and tap **OK**.


## Editing a bookmark

1. From the home screen, tap .
2. Tap  > **Bookmarks**.
3. Tap and hold the bookmark you want to edit until the shortcut menu pops up.
4. Tap **Edit bookmark**.
5. Edit the name (Label) or location (Address), and then tap **OK** to save it.

## Deleting a bookmark



1. From the home screen, tap .
2. Tap  > **Bookmarks**.
3. Tap and hold the bookmark you want to delete until the shortcut menu pops up.
4. Tap **Delete bookmark** > **OK**.

## Changing browser settings

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

## Using Wi-Fi Direct

### Connecting to another device via Wi-Fi Direct

1. From the home screen, tap  > **System settings** > **Wi-Fi**.
2. If Wi-Fi is off, slide the **Wi-Fi** switch to the **On** position.
3. Tap  > **Wi-Fi Direct**. Your phone will search for other devices enabled with Wi-Fi Direct connections.
4. Tap a device name under Peer Devices to connect with it. The other device will receive a Wi-Fi Direct connection prompt and need to accept the request for connection. Both devices may need to enter a common PIN. If prompted, tap **Connect**.
5. Once connected, the device is displayed as “Connected.”

### Sending data via Wi-Fi Direct

1. Open the appropriate application and select the file or item you want to share.
2. Select the option for sharing via Wi-Fi Direct. The method may vary by application and data type.
3. Tap a device the phone has connected with or wait for it to search for new devices and tap one of them.

### Receiving data via Wi-Fi Direct

When an attempt to transfer data via Wi-Fi Direct is received, you can see a notification in the status bar. Tap **Accept** to start receiving the data.

Received files are stored automatically in a dedicated folder (*WiFiShare*, for instance). You can access them with the **File Manager** app.

## 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.

### Using Bluetooth

1. Before you begin, place the *Bluetooth* device in pairing mode. Open the Notifications panel and tap **Bluetooth**. Or, from the home screen, tap  > **System settings** and slide the **Bluetooth** switch to the **On** position to turn on *Bluetooth*. When *Bluetooth* is on, the  icon will appear in the status bar.
2. Tap **Bluetooth**. Your phone will automatically search for *Bluetooth* devices and will show all visible devices in range.
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.






#### Notes:

- The *Bluetooth* passkey may be fixed for certain devices, such as headsets or hands-free car kits. You can try entering 0000 or 1234 (the most common passkeys), or refer to the documents for that device.
- To allow compatible *Bluetooth* devices to find your phone for pairing, tap **Z740G** on the *Bluetooth* settings screen. Your device will be visible for 2 minutes.

## Entertainment

### Taking pictures with your camera

Your phone has a 5-megapixel camera.

1. From the home screen, tap .
  - Zoom in or out by dragging the slider bar.
  - To change mode, tap  and select **Normal**, **Panorama**, or **Rapid Capture**.
  - To change color effects, tap  and select **None**, **Mono**, **Sepia**, or **Negative**.
  - To adjust flash, tap  to toggle between auto flash, flash, and no flash.
2. Tap  or press either **Volume key** to take a picture. To view it, tap the picture thumbnail in the corner of the screen.


### Adjusting camera settings

Before taking a photo, you can tap  to open the following camera settings.



<b>Grid</b>	Turn grid lines on or off.
<b>Shutter tone</b>	Change shutter tone or turn it on or off.
<b>Picture size</b>	Choose the size of the photo.
<b>Timer</b>	Set a time delay before the camera takes a picture automatically after you tap the shutter icon, or turn off this feature.

<b>Picture Quality</b>	Adjust the image quality for your photo.
<b>Image</b>	Set exposure, brightness, contrast, saturation, or sharpness of the photo.
<b>White balance</b>	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.
<b>ISO</b>	Set the ISO as auto, ISO-100, ISO-200, ISO-400, ISO-800, or ISO-1600.
<b>Review time</b>	Set the time to review a photo after you've taken it.
<b>Geo-tag</b>	Choose to store location information with each photo you take.
<b>Anti-band</b>	Set anti-band as auto, 50 Hz, or 60 Hz.
<b>Restore defaults</b>	Restore default camera settings.

## Sharing a picture

1. After taking a picture, tap the thumbnail in the corner of the screen and then tap .
2. Scroll through options to send via text messaging or email, Picasa™, and more.

## Shooting video with your camcorder


1. From the home screen, tap .
2. Drag  to switch to the camcorder.
3. Zoom in or out by dragging the slider bar. Tap  to turn on the flash. Tap  to begin recording and  to stop. Tap the video thumbnail in the corner of the screen to view the video you've just taken.

## Adjusting your video settings


Before recording a video, you can tap  to open the following camcorder settings.

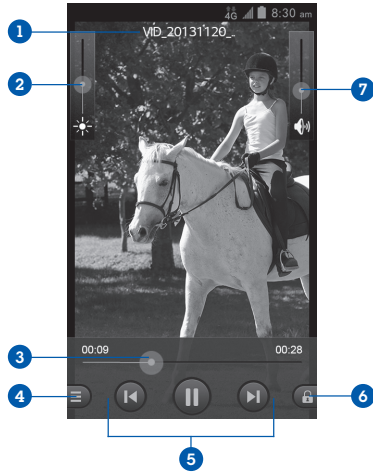
<b>Video quality</b>	Choose the video quality: 720P, 480P, VGA, or MMS Video.
<b>Time lapse</b>	Set the lapse time for recording video.
<b>White balance</b>	Select how the camcorder adjusts colors in different kinds of light to achieve the most natural-looking colors for your videos, or allow the camcorder to adjust the white balance automatically.
<b>Geo-tag</b>	Choose to store location information with each video you take.
<b>Restore defaults</b>	Restore default camcorder settings.

## Sharing a video

1. After recording a video, tap the thumbnail in the corner of the screen and then tap .
2. Scroll through options to send via multimedia messaging or Gmail, Picasa, and more.

## Playing your videos


From the home screen, tap  > **Video Player**. This will open your video library and show the video files saved in your memory card. Tap a video file to start playing.

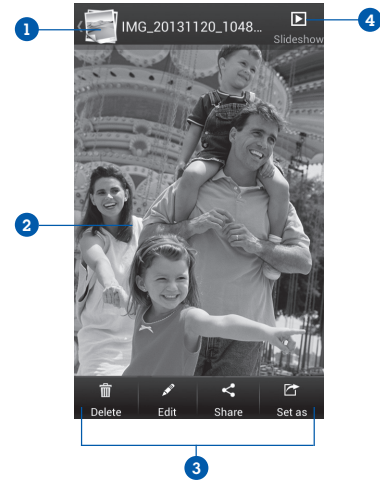


Number	Function
1	Video name.
2	Drag the slider to adjust screen brightness.
3	Drag the slider to jump to any part of the video.
4	Tap to share or delete the video.
5	Skip videos or pause and resume playback.
6	Tap to lock the screen.
7	Drag the slider to adjust the volume.

## Opening your gallery

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

1. From the home screen, tap  > **Gallery**.
2. Tap an album.
3. Tap a photo or video to view it.



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

## Adding music to your phone


You can add music to your phone's internal storage or to a removable microSDHC card (see *Phone setup - Inserting a microSDHC card*).

**Note:** Steps may vary depending on your operating system.

1. Connect your phone to your computer with a USB cable.
2. Tap **Media device (MTP)**.  
**Note:** If you have a microSDHC card in your phone, you may be presented with additional options. Tap **Turn on USB storage > OK**, or open the Notifications panel and tap **Connected as an installer > Media device (MTP)**.
3. On your PC, choose to view files through Windows® Explorer. If you have a Mac, visit <http://www.android.com/filetransfer> to download the necessary software.
4. Choose whether you want to add files to your phone's internal storage or to the microSDHC card, and then drag and drop the files you want to transfer.
5. When you're finished transferring files, open the Notifications panel and tap **Connected as a media device > Charge only**. You may now safely disconnect your phone from the computer.

## Playing your music

You can play the audio files stored in your phone's microSDHC card or internal storage in Music.


1. From the home screen, tap  > **Music** to access the music player.
2. Select **Albums/Artists/Songs/Playlists/Folders/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: repeat all songs, repeat current song, or repeat off.
3	Drag the slider to jump to any part of the song.
4	Tap to open the current playlist.
5	Skip songs or pause and resume playback.
6	Add to Favorite playlist.
7	Tap to play the current playlist in shuffle mode, where tracks are played in random order.
8	Album artwork.

## Creating playlists

Playlists help you organize your music files.


1. Tap  next to the song in the music library.
2. Tap **Add to playlist**.
3. Tap **New**.
4. Type the playlist name and tap **Save**.

## Managing playlists


1. Tap the **Playlists** tab in the music library to see your playlists.
2. Tap  next to a playlist.
3. Tap **Rename Playlist** or **Delete Playlist**.

**Note:** These options may not be available for certain automatically created playlists, such as **Recently added**.

## Adding a song to a playlist





1. Tap  next to the song in the music library.
2. Tap **Add to playlist**.
3. Tap a playlist.

## Setting a song as ringtone

1. Tap  next to the song in the music library.
2. Tap **Set as phone ringtone**.

## Making memorable memos

Sound Recorder enables you to record your voice memos.


1. From the home screen, tap  > **Sound Recorder**.
2. Tap  to start recording.
3. Tap  to stop recording or tap  > **OK** to cancel recording.


**Tip:** You can find your recordings by tapping **My recordings**.

## Play a memo you just recorded

Tap .

## Play any saved memo




1. From the home screen, tap  > **Sound Recorder**.
2. Tap **My recordings**.
3. Tap the title of a memo to play it.

**Note:** You can also tap  next to the memo to share, rename, delete, tag, view file details, or set as a ringtone.

# Applications

## Alarm





### Setting a new alarm

1. From the home screen, tap  > **Alarm**.
2. Tap a default alarm to configure it or tap  to create a new alarm.
3. Set up the alarm options, such as time, repeat, and alarm sound.
4. Tap **Save** to save and exit.
5. Tap  next to an alarm to turn the alarm on and tap it again to turn it off.

**Note:** To quickly set an alarm from the home screen, tap the clock in the weather/clock widget.



### Using the Bed Clock

The Bed Clock displays the current time and the next alarm.


1. From the home screen, tap  > **Alarm**.
2. Tap  > **Bed Clock Preferences** to set up your bed clock options.
  - **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  to return to the Alarm screen.
4. Tap  > **Bed Clock** to open the bed clock screen.

## Calculator



From the home screen, tap  > **Calculator**.

**Tip:** Tap  or , or swipe left or right to switch between different panels. You can also turn the phone to landscape to see all of the calculator buttons.

## Facebook

1. From the home screen, tap  > **Facebook**.
2. Log in and choose sync options.

**Tip:** You can change your Facebook sync settings by tapping  > **Settings** > **Sync Contacts**.

- Tap  to access your profile, news feed, messages, and more.
- Tap  > **Settings** to change your account settings.
- Tap **Status**, **Photo**, or **Check In** to update your status, upload a photo, or check in at a location.

## Downloads

The Downloads app keeps a record of the files you downloaded and saved.

From the home screen, tap  > **Downloads**.

- To open a file, tap it.
- To delete or share a file, tap and hold it.

## File Manager


From the home screen, tap  > **File Manager**.

- Tap a folder to view its contents.



- Tap and hold a folder or file for options such as **Delete**, **Share**, **Copy**, and **Move**.

## Kingssoft Office



Create, view, and edit Word documents, PowerPoint presentations, spreadsheets, and other types of files. From the home screen, tap  > **Kingssoft Office**.

**Tip:** Tap  and scroll to the right to view options.

## Mi-EasyAccess

Use Mi-EasyAccess on the lock screen to access up to six apps without having to first unlock your phone.

### Customizing Mi-EasyAccess

1. From the home screen, tap  > **Mi-EasyAccess**.
2. To add an app to an empty slot, tap **+** and tap the app you'd like to add.
3. To remove an app, tap  in the corner of the icon.


**Note:** The Sound on/off app cannot be removed.

### Using Mi-EasyAccess

1. Press the **Power key** to wake the phone.
2. Spread two fingers apart on the screen to open the options menu.
3. Tap the app you'd like to access.

## NotePad


From the home screen, tap  > **NotePad** to save and view your text notes.

1. Tap  to create a new note.
2. Enter your text and tap **Save**.
3. Tap a note to view it. You can also edit, delete, share, or export it.

## Task Manager

From the home screen, tap  > **Task Manager** to view or stop applications.

- Tap a task in the **Tasks** tab to force stop or disable the app, uninstall the app, clear data and cache, or move the app between the internal storage and the memory card.
- Tap the **Apps** tab to manage all the apps on your phone.
- Tap the **Resources** tab to view the real-time system resources information.

**Tip:** If your phone is running slow, close applications you are not using by tapping and holding  and swiping left or right on applications you wish to close.

## Timer

From the home screen, tap  > **Timer** > **Stopwatch** or **Countdown**.

**Note:** You can set up to 20 laps with the stopwatch.

## Twitter



1. From the home screen, tap  > **Twitter** and sign up for or sign in to your account.
2. Tap  to compose a tweet.

## Voice Dialer

From the home screen, tap  > **Voice Dialer** and speak a command.

## Google applications

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

1. Tap a Google application that needs a Google account, such as Gmail.
2. If you've got a Google account, tap **Existing**. Enter your user name and password and then tap . (Or tap **New** if you don't have a Google account.)
3. Read the instructions and tap **OK**.
4. Set the backup and restore option and tap .

## Google Search and Google Now

Find whatever you're looking for with Google Search. Google Now tailors your search options over time, learning your preferences and making more accurate predictions for your needs. Google Now will also keep track of what you're doing and appear when you need it, like showing the next appointment on your calendar and what the traffic is like to get to it.

### *Performing a search*





From the home screen, tap  > **Google**. You can type in search terms, or say "Google" to begin a voice search.

You will see results for your search. To search images, places, and more, tap an option on the bar at the bottom of the screen. For additional web results, simply scroll down the screen.


## 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.

### *Creating and sending an email through Gmail*

1. From the home screen, tap  > **Gmail**.
2. Tap .
3. Enter an email address 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. To add an attachment, tap  > **Attach picture** or **Attach video**.
5. Tap  to send your email.

### *Adding another account*


1. From the home screen, tap  > **System settings** > **Add account** > **Google**.
2. Choose to add an existing account or create a new one and follow on-screen instructions to finish account setup.

### *Accessing account settings*

1. From your Gmail inbox, tap  > **Settings**.
2. Tap an account name, or tap **General settings** to change settings for all accounts.



## Google Play

Google Play gives you access to thousands of free and paid apps, games, books and magazines, music, and movies.


From the home screen, tap .

### *Navigating Google Play*


From Play Store, you will have multiple ways to search for apps, games, and more.

1. Tap a category to browse popular apps, games, movies, books, and music organized by popularity or category.
2. Tap  to search the Play Store for a specific item, such as a game or app.
3. To install, tap the app and follow instructions. Once installed, you will see a notification in the Notifications panel. Open the app from this notification or by locating the app in the App tray .


#### **Notes:**

- A Google Wallet™ payment method is required to purchase apps.
- To restrict purchases of apps without your Google password, tap  > **Settings** and then check **Password**.

## Google Calendar

From the home screen, tap  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 they are scheduled. You can also synchronize appointments to your Google account, which enables you to manage your schedule online on your PC.

## Accessing calendar settings



1. While in the calendar, tap  > **Settings**.
2. Tap an account name, or tap **General settings** to change settings for all accounts.

## Google+



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

From the home screen, tap  > **Google+**. The first time you open Google+, select the photo and video backup and contact sync options.

## Organizing your contacts

1. Tap  > **People**.
2. Tap  and enter the person you want to search for or select a suggested person, and then tap **Add** or **Follow**.
3. If you tapped **Add**, select the circle the person should be added to and tap **OK**, or tap **Create a new circle** to set up new circles.





## Getting updates

1. Tap  > **Home**.
2. Swipe up or down to see different information shared with you by other users. Tap  to choose what groups of information are shown.
  - **Nearby** shows posts shared with you by users near your current location.
  - **All, Acquaintances, Family, Following,** and **Friends** show updates from people you've added to your circles.

- **What's hot** shows popular posts on Google+.

## Chatting with contacts

You can chat with your Google+ contacts through instant messaging and video calls.


1. Tap  > **Hangouts** in the Google+ app or tap  > **Hangouts** from the home screen.
2. Tap  at the top right to create a new Hangout.
3. Type the person's name, email address, phone number, or choose a circle. You can also select one of your contacts from the list below the search box.
4. At the bottom of the screen, tap either **Message** or **Video call**. For chatting with messages, enter the text and tap  to send the message.

## Checking photos

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




Tap  > **Photos** to see all available albums.

## Checking and managing your profile

1. Tap .
2. Tap your account name.
3. Tap **About** to see your profile and edit it.

## Other features


- **Communities:** A community is where people gather for the sharing and discussion of a common topic. Tap  > **Communities** to search and join all kinds of online communities on the Google+ network.

- **Events:** Tap  > **Events** to manage your social calendar. You can add events, invite people, and then share photos in real-time from the event.
- **Locations:** Tap  > **Locations** to see your friends' locations on the map and configure your location sharing settings.
- **Search:** Tap  > **Search** to search for posts.

## Google Maps



### Activating location services

To use Google Maps and find your location on Google Maps, you must enable location services on your phone.

1. From the home screen, tap  > **System settings** > **Location services**.
2. Select the location options you want to use.
  - Check **Google's location service** to use Wi-Fi and mobile networks to determine your approximate location.
  - Check **GPS satellites** to use GPS satellites to determine your location.
  - Check **Use assisted GPS** to improve GPS performance after **GPS satellites** is checked.
  - Check **Location & Google search** to let Google access your location data for some services and improved search results.


**Note:** To let Google apps such as **Maps** and **Google+** access your location, **Location & Google search** should be checked.


### Getting your location

1. From the home screen, tap  > **Maps**.
2. Tap **Accept & continue**.
3. Tap  at the bottom.

The map centers on a dot and an arrow that indicate your location and the direction the phone is facing.

### Searching for a location

1. From the home screen, tap  > **Maps**.
2. Tap the search box on the top and enter the place you're looking for in the search box at the top. You can enter an address, a city, or a type of business or establishment, for example, "museums in Dallas." As you enter information, suggestions from your previous searches and from popular searches appear in a list below the search box. You can tap a suggestion to search for it.
 

**Tip:** You can also tap  beside the search box to use voice search.
3. Tap the search key on the keyboard. Red points indicating search results appear on the map.
4. Swipe the search result at the bottom left or right to see other results. You can slide the result up to find more information about the location as well as options for getting directions and more.

### Getting directions to your destination


Maps can provide directions for travel by foot, public transportation, or car.

1. From the home screen, tap  > **Maps**.
2. Tap  beside the search box.
3. Select the mode of transportation and then enter a start and end point. If your location is found, it will appear in the start point field by default.

As suggested routes appear on the map, swipe the bottom card left or right to choose a route. Slide the bottom card up to see the route directions in a list.

## Searching for local places

Google Maps helps you find all kinds of businesses and establishments around you. You can rate these places and get recommendations.

1. From the home screen, tap  > **Maps**.
2. Navigate the map view to the area you'd like to explore. You can explore nearby locations or pan the map to another location.
3. Tap the search box at the top.
4. Tap the **Explore** card and choose an option.
5. Tap a location to see it on the map or get directions.

You can also slide up the bottom card to find out more information, such as the street address, website, and street view, or to call that place, save it to your Google account, or share it with others.


**Note:** The Explore feature is not available for all areas.


## 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.

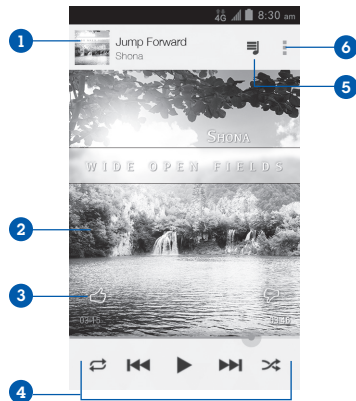
**Note:** The availability of Google Music is dependent on your region. If it is not available, or you don't have a mobile data or Wi-Fi connection, you can only play music stored on your phone.

## Playing your music

From the home screen, tap  > **Play Music**. If prompted, select an account to access its online music library.

The app searches your online library and your phone for music and playlists before displaying your combined music library, organized by Genres, Artists, Albums, or Songs. Tap  > **My Library** to view your music. Tap a tab or swipe left/right to view your library by genres, artists, albums, or songs.

Tap a song to play it. When a song is playing, tap the summary information at the bottom to view the playback screen.






Number	Function
1	Song and artist names. Tap or drag down to return to the library.
2	Album artwork.
3	Rate the song.
4	Playback control. Skip songs, pause and resume playback, use shuffle or repeat. Drag the progress bar to jump to any part of the song.
5	Tap to see the current playlist (queue).
6	Get more options.

To control your music while using other apps, swipe down to open the Notifications panel. Tap the song title to restore the playback screen. Tap the music controls to pause/resume playback, or skip to the next/previous song.

When the screen is locked, the song information, album cover, and playback controls are displayed on the top of the screen. Tap to pause/resume playback or to skip songs.

## News & Weather

News & Weather offers weather forecasts and news stories about common topics. You can also customize the news topics that are displayed.

From the home screen, tap  > **News & Weather**. Swipe left or right to view the weather forecast and news headlines. Tap  to refresh news and forecast data. Tap  > **Settings** to change the settings.

## Play Books

Browse and download millions of books, including recent bestsellers and thousands of free books.

## Play Magazines

Discover hundreds of bestselling magazines, including new or back issues, from cooking to technology, travel, fashion, sports, photography, and so much more.

## Play Movies & TV

Stream or download your favorite movies and television shows wherever you are.

**Note:** TV shows are currently available in the United States only.

## Voice Search


Find what you're looking for by speaking your search terms into your phone.

## YouTube

View videos and share your own with your friends, family, and the world.

## Phone settings

### Setting date and time


1. From the home screen, tap  > **System settings** > **Date & time**.
2. Uncheck the **Automatic date & time** and **Automatic time zone** check boxes if you want to set the time, date, and time zone by yourself.
3. Set date, time, time zone, and date/time format.

### Display settings

You can adjust your phone's display settings. From the home screen, tap  > **System settings** > **Display**.

- **Brightness:** Set the brightness of the display.
- **Wallpaper:** Select a background image for the home screen or 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

From the home screen, tap  > **System settings** > **Sound** to adjust volumes, toggle sound and mute, set up ringtone and notification sound, and select system sounds.


Tap **Silent mode** to turn off all sounds except media and alarm, or enable silent mode with vibration.

## Language settings

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

1. From the home screen, tap  > **System settings** > **Language & input** > **Language**.
2. Tap a language to select it.

### Mobile network services

From the home screen, tap  > **System settings** > **Mobile networks** to enable or disable data service, allow data services when roaming, enable always-on mobile data, or set access point names for data access.


**Note:** Data roaming and always-on data may incur significant roaming charges.

### Security settings

Protect your phone and SIM card from unauthorized use.

#### *Protecting your phone with a screen unlock pattern*

##### Creating your screen unlock pattern

1. From the home screen, tap  > **System settings** > **Security** > **Screen lock** > **Pattern**.
2. Read the instructions, watch the example pattern, and tap **Next**.
3. With a finger, draw your own pattern and tap **Continue**.
4. Draw the pattern again and tap **Confirm**.
5. Press the **Power key** to lock the screen.

**Tip:** Uncheck the **Make pattern visible** check box if you want to hide the pattern as you draw it on the screen.



## Unlocking the screen with your pattern

1. Press the **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 unlimited attempts to unlock your phone. After every five incorrect attempts, your phone will initiate a suspension period of 30 seconds. If you still cannot recall the screen unlock pattern, tap **Forgot pattern?** and enter your Google account user name and password to reset the screen unlock pattern.

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

## Protecting your phone with a PIN or password

### Creating a PIN or password

1. From the home screen, tap  > **System settings** > **Security** > **Screen lock**.
2. Tap **PIN** or **Password**.
3. Enter a numeric PIN or any password you like, and tap **Continue**.
4. Enter it again and tap **OK** to confirm.

## Unlocking the screen with your PIN or password

1. Press the **Power key** to wake up the phone.
2. Enter the PIN or password you set.
3. Tap **OK**.

## Cannot recall your PIN or password?

You have unlimited attempts to unlock your phone. After every five incorrect attempts, your phone will initiate a suspension period of 30 seconds. If you still cannot recall the PIN or password, you will need to either contact your carrier for the PUK code for the device or return it for service.

## Protecting your phone with encryption

You can encrypt all the data on your phone, including Google accounts, application data, music and other media, and downloaded information. If you encrypt your data, 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

- Set a lock screen PIN or password.
- Charge the battery.
- Keep the phone connected to the charger.
- 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. From the home screen, tap  > **System settings** > **Security** > **Encrypt phone**.
2. Read the information about encryption carefully.

3. The **Encrypt phone** button is dimmed if your battery is not charged or your phone is not plugged in.
4. If you change your mind about encrypting your phone, tap .
- WARNING!** If you interrupt the encryption process, you will lose data.
5. Tap **Encrypt phone**.
6. Enter your lock screen PIN or password and tap **Next**.
7. 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.

## ***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.

### **Locking your SIM**

1. From the home screen, tap  > **System settings** > **Security** > **Set up SIM/RUIM card lock**.
2. Check **Lock SIM card**.
3. Enter the PIN you've been given and tap **OK**.

### **Changing your SIM PIN**

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

1. From the home screen, tap  > **System settings** > **Security** > **Set up SIM/RUIM card lock**.


2. Check **Lock SIM card**.
3. Tap **Change SIM PIN**.
4. Enter the old PIN and tap **OK**.
5. Enter your new PIN and tap **OK**.
6. Enter the new PIN again and tap **OK**.

### **Restoring a locked SIM card**

Keep all your confidential passwords in a safe place for future use. If you enter the wrong 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.

## ***Disabling screen lock settings***


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

1. From the home screen, tap  > **System settings** > **Security** > **Screen lock**.
2. Draw the screen unlock pattern or enter the PIN/password you have created.
3. Tap **Next** > **None** or **Long press**.

## ***Setting up credential storage***

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

### **Enabling secure credentials**

1. From the home screen, tap  > **System settings** > **Security**.
2. Tap **Install from SD card** to install certificates from your microSDHC card.

## Deleting secure credentials

1. From the home screen, tap  > **System settings** > **Security**.
2. Tap **Clear credentials** to clear credentials.


## Managing your device memory

From the home screen, tap  > **System settings** > **Storage**. You can view the space information for 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.

## Factory reset

Reset your phone to factory default settings. All your personal data from the phone's internal storage will be erased, including your Google account, system and app data and settings, and downloaded apps. You can also erase the data on the memory card during the process.

From the home screen, tap  > **System settings** > **Backup & reset** > **Factory data reset** > **Reset phone** > **Erase everything**.


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

## Managing applications

From the home screen, tap  > **System settings** > **Apps** to see apps installed on your phone and manage them.


Tap an app in the **Downloaded**, **On SD Card**, **Running**, or **All** tab to see its information. You can stop the app, uninstall 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.

From the home screen, tap  > **System settings** > **Security** and check the **Unknown sources** check box if you want to install applications from sources other than Google Play.


**Note:** Installing applications from unknown sources may compromise your phone and personal data.

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

1. Copy the application file to the microSDHC card and install the card on your phone.
2. From the home screen, tap  > **File Manager**, and open the folder where the application file is.
3. Tap the file to start installation.
4. Read the installation instructions that come with the application and follow them to complete the setup.

## Managing other settings

### *Voice interaction*


From the home screen, tap  > **System settings** > **Language & input** > **Voice search** or **Text-to-speech output** to set text-to-speech and voice recognition options.

### *Data usage*

From the home screen, tap  > **System settings** > **Data usage**. Tap 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.

## Connect to PC

From the home screen, tap  > **System settings** > **Connect to PC**.

Choose 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 microSDHC card on your phone.  
**Note:** After selecting **USB mass storage**, you need to open the Notifications panel and tap **USB connected** > **Turn on USB storage** to turn on the USB mass storage mode.
- **Install driver:** Install the driver needed for some USB connection modes (such as MTP). You only need to install the driver on the same PC once.
- **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.  
**Note:** For Windows XP, you'll need to install the drivers and Media Player 11 (or later version) when you use Media device (MTP) for the first time.

- **Camera (PTP):** Transfer photos using camera software.

**Tip:** To automatically connect your phone to the computer using the selected connection type, check **Don't ask me again**.

## Accessibility

From the home screen, tap  > **System settings** > **Accessibility** to configure options for accessibility-related applications.

**TalkBack:** Device provides spoken feedback, such as describing what you touch, select, and activate, to help blind and low-vision users.

**Power button ends call:** When enabled, you can press the Power key to end phone calls without turning the screen off.

**Auto rotate screen:** Change the orientation of some on-screen content based on the position of the phone.

**Quick start:** Enable quick startup or shutdown.

**Speak passwords:** Check this box to enable the speak passwords function.

**Text-to-speech output:** Change settings for text to speech and adjust the rate at which your phone speaks, to help blind and low-vision users.

**Touch & hold delay:** Select the time delay for the phone to distinguish finger touch and hold gestures.

**Enhance web accessibility:** Allow apps to install scripts from Google that make their web content more accessible for blind, low-vision, deaf, and hard-of-hearing users.

## Developer options

Developer options contains settings that are useful when developing Android applications.

## About phone


From the home screen, tap  > **System settings** > **About phone** to check system updates, phone status and battery use, or to view legal information and software version.

## 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 cannot 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.

Problem	Possible causes	Possible solution
Battery not charging	The battery or battery charger is damaged.	Contact the dealer.
	The phone's temperature is below 0°C or higher than 45°C.	Adjust the 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.
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.
	Battery power is consumed in a variety of ways, including sending out signals to locate a base station when you are unable to connect to a network.	Turn off Wi-Fi, GPS, and <i>Bluetooth</i> if they are not being used. You can also adjust your screen brightness and timeout duration in <b>Settings &gt; Display</b> .
Cannot turn your phone on	Battery power has been depleted.	Recharge the phone's battery.
SIM card error	The SIM card has malfunctioned or is damaged.	Take the SIM card to your service provider for testing.
	SIM card inserted improperly.	Insert the SIM card properly.
	Debris on the SIM card contacts.	Use a soft, dry cloth to clean the SIM card contacts.

Problem	Possible causes	Possible solution
Unable to connect to the network	The SIM card is 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.
Cannot answer incoming calls	You have activated the <b>Call Barring</b> feature.	Go to <b>Call Barring Settings</b> , and then select <b>Deactivate All</b> .
Cannot make outgoing calls	You have activated the <b>Call Barring</b> feature.	Go to <b>Call Barring Settings</b> , and then select <b>Deactivate All</b> .
	You have activated <b>Fixed Dialing Numbers</b> .	Go to <b>Fixed Dialing Numbers</b> 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 SIM card's PUK code, use the PUK code to unlock the 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, freezes, or cannot be powered on	Some third-party software is not compatible with your phone.	Uninstall the software that may cause the problem.
		Upgrade the phone software.
		Reset the phone to factory status.
Device is sluggish or responds slowly	Your phone is allocating memory to a large number of apps running at the same time.	Go to <b>Task Manager</b> and close apps that are not being used.

## 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 half an inch (15 mm) away from your ear or body while making calls.		Your phone may produce a bright or flashing light.
	Small parts may cause choking.		Don't dispose of your phone in a fire.
	Your phone can produce a loud sound.		To prevent possible hearing damage, do not listen at high volume levels for long periods
	Avoid contact with anything magnetic.		Avoid extreme temperatures.
	Keep away from pacemakers and other electronic medical devices.		Avoid contact with liquids. Keep your phone dry.
	Switch off when asked to in hospitals and medical facilities.		Don't take your phone apart.
	Switch off when told to in aircrafts and airports.		Only use approved accessories.
	Switch off when near explosive materials or liquids.		Don't rely on your phone as a primary device for emergency communications.

## FCC regulations

This mobile phone 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.

This mobile phone 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.

**Caution:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## RF exposure information (SAR)

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 was 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 employing a unit of measurement is known as the Specific Absorption Rate, or SAR. **The SAR limit set by the FCC is 1.6W/kg, and 1.6W/kg by Industry Canada.**

This device is complied 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](http://www.fcc.gov/oet/ea/fccid) after searching on **FCC ID: SRQ-2740**.

For this device, the highest reported SAR value for usage against the head is **1.05 W/kg**, for usage near the body is **1.12 W/kg**.

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

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 use such body-worn accessory should be avoided.

## Hearing Aid Compatibility (HAC) regulations for mobile phones

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components. Your phone is compliant with FCC HAC regulations (ANSI C63.19- 2011). While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise and phones also vary in the amount of interference they generate. The wireless telephone industry has developed a rating system for wireless phones to assist hearing device users in finding

phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

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

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to 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 have telecoils in them.)

### Your phone meets the M3/T4 level rating.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. For more information about FCC Hearing Aid Compatibility, please go to <http://www.fcc.gov/cgb/dro>.



## CTIA

- a) Do not disassemble or open crush, bend or deform, puncture or shred.
- b) 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.
- c) Only use the battery for the system for which it is specified.
- d) Only use the battery with a charging system that has been qualified with the system per CTIA Certification Requirements for Battery System Compliance to IEEE 1725. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.
- e) Do not short circuit a battery or allow metallic conductive objects to contact battery terminals.
- f) 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.
- g) Promptly dispose of used batteries in accordance with local regulations.
- h) Battery usage by children should be supervised.
- i) Avoid dropping the phone or battery. If the phone or battery is dropped, especially on a hard surface, and the user suspects damage, take it to a service center for inspection.
- j) Improper battery use may result in a fire, explosion or other hazard.

For those host devices that utilize a USB port as a charging source, the host device's user manual shall include a statement that the phone shall only be connected to CTIA certified adapters, products that bear the USB-IF logo or products that have completed the USB-IF compliance program.

## 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 23°F and maximum 122°F (minimum - 5°C and maximum + 50°C).
- 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.

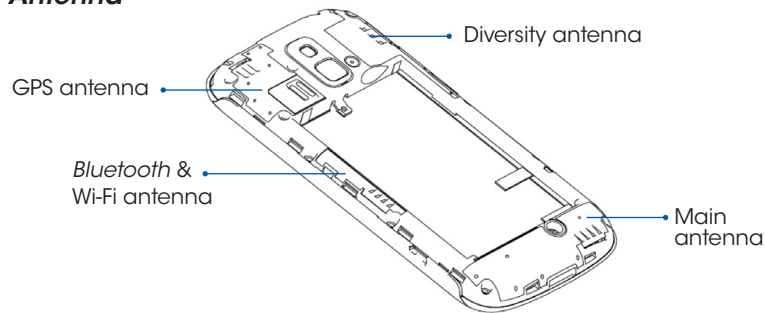
### **Demagnetization**

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 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.

### ***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 keys lightly.
- Use the special features that 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 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.

## **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 6 inches (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***

### ***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, and 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 with power off "two-way radios" or "electronic devices" notices to avoid interfering with blasting operations.

## Specifications

Handset specifications are shown in the following table.

Handset standards	GSM/EDGE: 850/900/1800/1900MHz UMTS/HSPA: 850/1900/2100MHz HSPA+ 21Mbps support
Dimensions (HxWxD)	4.90" (H) x 2.56" (W) x 0.45" (D)
Weight	5.2 oz (with battery)
Display	4" 480 x 800 TFT
Camera	5.0 MP
Video capture	Up to 30 fps (HD)
Internal memory	ROM: 4 GB, RAM: 1GB
Removable memory card	Up to 32 GB microSDHC card
Battery	1,785 mAh, Lithium-Ion (Li-Ion)
Features	<i>Bluetooth</i> , Wi-Fi Direct, Google Maps, Kingsoft Office, Email, Browser, Play Store, YouTube, Facebook, Twitter, Messenger, Chrome, Gmail, Google, Google+, Play Books, Play Magazines, Play Movies & TV, Play Music, Hangouts, Voice Search
Supported file types	mp3, m4a, 3gp, mp4, m4v, 3gp, webm, 3g2, wav, amr, avi, wmv
Continuous standby time	up to 312 hours
Continuous talk time	up to 5 hours
Charge time	3 hours

## Warranty

ZTE offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship for a period that expires one year from the date of sale of the Product to you, provided that you are the original end user purchaser of the Product and provided that your purchase was made from a supplier authorized by the Seller. Transfer or resale of a Product will automatically terminate warranty coverage with respect to that Product. This limited warranty is not transferable to any third party, including but not limited to any subsequent purchaser or owner of the Product. This limited warranty is applicable only to end users in the United States.

1. This product or phone is warranted for 12 (twelve) months from date of purchase.
2. For warranty service information, please call ZTE service number (877) 817-1759 (Toll Free). The manufacturer's website, <http://www.zteusa.com>, is also available for assistance.
3. This warranty only applies if the product has been used in accordance with the manufacturer's instructions under normal use and with reasonable care.
4. What this warranty does not cover:
  - a) Defects or damages resulting from the misuse of this product.
  - b) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture, dampness or corrosive environments, unauthorized modifications, unauthorized repair, neglect, rough handling, abuse, accident, alteration, improper installation, incorrect voltage application, food or liquid spoilage, acts of God.
  - c) Normal wear and tear.

- d) If the Product has been opened, modified or repaired by anyone other than a warranty service center or if it is repaired using unauthorized spare parts.
- e) If the serial number or mobile accessory date code has been removed, erased, defaced, altered or are illegible in any way subject to sole judgment of ZTE.

## LIMITED WARRANTY

TO THE EXTENT PERMITTED BY APPLICABLE LAW, THIS LIMITED WARRANTY IS YOUR SOLE AND EXCLUSIVE REMEDY AGAINST ZTE AND ZTE'S SOLE AND EXCLUSIVE LIABILITY IN RESPECT OF DEFECTS IN PRODUCT. HOWEVER, THIS LIMITED WARRANTY SHALL NOT EXCLUDE NOR LIMIT ANY OF YOUR LEGAL (STATUTORY) RIGHTS UNDER THE APPLICABLE NATIONAL LAWS.

TO THE EXTENT PERMITTED BY APPLICABLE LAW ZTE DOES NOT ASSUME ANY LIABILITY FOR LOSS OF OR DAMAGE TO OR CORRUPTION OF DATA, FOR ANY LOSS OF PROFIT, LOSS OF USE OF PRODUCTS OR FUNCTIONALITY, LOSS OF BUSINESS, LOSS OF REVENUES OR LOSS OF ANTICIPATED PROFIT, INCREASED COSTS OR EXPENSES OR FOR ANY INDIRECT, OR SPECIAL OR CONSEQUENTIAL LOSS OR DAMAGE. TO THE EXTENT PERMITTED BY APPLICABLE LAW, ZTE'S LIABILITY SHALL BE LIMITED TO THE PURCHASE VALUE OF THE PRODUCT. THE ABOVE LIMITATIONS SHALL NOT APPLY TO DEATH OR PERSONAL INJURY CAUSED BY DEFECT OF PRODUCT IN MATERIAL, DESIGN AND WORKMANSHIP.

## How to get warranty service

To obtain warranty service, please call (877) 817-1759. Please have the following information available when you send the phone in for repair:

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

## Other warranty programs

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

# Notes