ZTE N790

CDMA/GSM Mobile Phone

User Manual

Table of Content

Table of Content 2
Getting Started 10
Taking a Glance at Your N790 10
Overview 10
Key Definition 11
Starting Up 11
Install the SIM/USIM Card, microSD Card and Battery 11
Charge the Battery 13
Power on/off Your Phone 13
Knowing Your Device 14
Getting to Know the Home Screen 14
Wake Up the Phone 14
Return to the Home Screen 14
Using the Touchscreen 14
Monitoring the Phone Status 15
Managing Notifications From the Notification Panel 16
Using the On-screen Keyboard 17
Editing Text 17
Move the Cursor 17
Select word 17
Cut or Copy Text 17
Paste Text 17
Opening and Switching Applications 18
Open an Application 18
Switch to a Recently Used Application 18
Locking Your Screen 18
Customizing the Home Screen 18
Add an Item to the Home Screen 18
Move an Item on the Home Screen 19
Remove an Item from the Home Screen 19
Change the Home Screen Wallpaper 19
Rename a Folder 19
Connecting to Networks and Devices 20
Connecting to Mobile Networks 20
Disable Data When Roaming 20
Edit or Create a New Access Point 20
Connecting to Wi-Fi Networks 20
Turn Wi-Fi on and connect to a Wi-Fi Network 20
Receive Notifications When Open Networks are Available 20
Add a Wi-Fi Network 21
Forget a Wi-Fi Network 21

Connecting to Bluetooth Devices 21
Turn Bluetooth on or off 21
Change the Bluetooth Name 21
Pair Your Phone with a Bluetooth Device 21
Connect to a Bluetooth Device 22
Disconnect from a Bluetooth Device 22
Unpair a Bluetooth Device 22
Connecting to Computer via USB 22
Use the Phone as a USB Storage 22
Disconnect Your Phone From the Computer 22
Safely Remove an SD Card From Your Phone 22
Erase Your Phone's SD Card 22
Sharing Your Data Connection 22
Share Your Phone's Data Connection via USB 22
Share Your Phone's Data Connection as a Portable Wi-Fi Hotspot 23
Connecting to Virtual Private Networks 23
Add a VPN 23
Connect to a VPN 23
Edit a VPN 23
Delete a VPN 23
Phone Calls 25
Placing and Ending Calls 25
Place a Call by Dialing 25
End a Call 25
Disable Phone Calls (Airplane Mode) 25
Answering or Declining Calls 25
Answer a Call 25
Decline a Call 25
Working with the Call Log 25
Open the Call Log 26
Dial a Number in the Call Log 26
Add an Entry's Number to Your Contacts 26
Take Other Actions on a Call Log Entry 26
Delete the Call Log 26
Calling Your Contacts 26
Using Options During a Call 26
Managing Multiple Calls 27
Switch Between Current Calls 27
Set up a Conference Call 27
Contacts 28
Opening Your Contacts 28
Adding a New Contact 28
Importing, Exporting, and Sharing Contacts 28
Import Contacts From Your SIM Card 28
Import Contacts From Your SD Card 29

Export Contacts to Your SD Card 29
Share a Contact 29
Working With Favorites 29
Working with Groups 29
Add a Group 29
Add Member to Group 30
Rename or Delete a Group 30
Searching for a Contact 30
Editing Contact 30
Edit Contact Details 30
Delete a Contact 30
Accounts 30
Adding and Removing Accounts 30
Add an Account 30
Remove an Account 31
Configuring Account Sync 31
Configure General Sync Settings 31
Sync Information Manually 31
Change an Account's Sync Settings 31
Gmail 32
Opening Gmail and Your Inbox 32
Open Gmail 32
Open Your Inbox 32
Switch Accounts 32
Go to Labels 32
Work With Attachments 32
Composing and Sending a Message 33
Replying to or Forwarding a Message 33
Searching for Messages 33
Adding Signature to Your Gmail Messages 33
Changing Gmail Settings 34
Calendar 35
Viewing Your Calendar and Events 35
Open Calendar 35
Change Your Calendar View 35
Viewing Event Details 35
Creating an Event 35
Editing an Event 35
Deleting an Event 36
Changing Calendar Settings 36
Google Talk 37
Signing in and Open Your Friends List 37
Open Google Talk and Sign in 37
Sign out of Google Talk 37
Chatting With Friends 37

Switch between Active Chats 37
Invite a Friend to Join a Group Chat 37
Managing Online Status and Picture 38
Change Your Online Status 38
Change Your Picture 38
Managing Your Friends List 38
Add a Friend 38
View and Accept an Invitation to Become a Friend 38
Block a Friend 38
Changing Google Talk Settings 38
Email 39
Opening Email and the Account Screen 39
Open Email 39
Open the Accounts Screen 39
Reading Your Messages 39
Responding to a Message 39
Replay to or Forward a Message 39
Mark a Message as Unread 39
Delete a Message 40
Working With Message in Batches 40
Composing and Sending Email 40
Viewing an Account Folders 40
Adding Signature to Your Message 40
Adding and Editing Email Account 41
Add an Email Account 41
Edit an Email Account 41
Delete an Email Account 41
Changing Email System Settings 41
Messaging 42
Opening Messages 42
Deleting a Message Thread From the Messages Screen 42
Sending a Text Message 42
Sending a Multimedia Message 42
Responding to Messages You Receive 43
Forwarding a Message 43
Locking a Message 43
Viewing Details about a Message 43
Changing Message Settings 43
Browser 44
Opening Browser 44
Opening a Webpage or Search the Web 44
Refresh Current Page 44
Stop Opening a Page 44
Get More Information About the Current Page 44
Setting Your Home Page 44

Operating a Webpage 45
Navigating Among Web Pages 45
Working with Multiple Browser Windows 45
Open a New Browser Window 45
Switch Browser Window 45
Close a Browser Window 45
Downloading Files 45
Working with Bookmarks 46
Bookmark a Webpage 46
Open a Bookmark 46
Edit a Bookmark 46
Share a Bookmark 46
Delete a Bookmark 46
Changing Browser Settings 47
Maps, Navigation, and Local 48
Opening Maps 48
Move the Map 48
Zoom on the Map 48
Viewing My Location and Location Services 48
Enable Location Service 48
View Your Location 48
Searching for Local 48
Getting Directions 49
Camera 50
Opening Camera and Taking Pictures or Videos 50
Open Camera 50
Take a Picture 50
Shoot a Video 50
Configuring Camera Settings 50
Change Camera Settings 50
Camera Mode Settings 50
Camcorder Mode Settings 51
Gallery 52
Opening Gallery and Viewing Your Albums 52
Working with Albums 52
Open an Album and View its Contents 52
Share an Album 52
Delete an Album 52
Working With Pictures and Videos 52
View and Browse Pictures 52
Play Videos 53
Delete a Picture or Video 53
Share a Picture or Video 53
Work with Batches of Pictures & Videos 53
Music 54

Copying Music Files to Your Phone 54
Working with Your Library 54
View Your Music Library 54
Delete a Song 54
Playing Music 54
Working with Playlists 55
Create a Playlist 55
Add a Song to a Playlist 55
Rearrange Songs in a Playlist 55
Remove a Song from a Playlist 56
Rename or Delete a Playlist 56
FM Radio 57
Opening FM Radio 57
Working with FM Radio 57
Sound Recorder 58
Recording a Voice Memo 58
Playing a Voice Memo 58
Play a Memo Just Recorded 58
Play Any Saved Memo 58
News & Weather 59
Open News & Weather 59
Get Details about the News and Weather 59
Changing News & Weather Settings 59
More Applications 60
Using Alarm 60
Add Alarms 60
Use Bed Clock 60
Using Calculator 60
Using Note Pad 60
Using UIM / SIM Toolkit 60
Using Stopwatch 61
Using Task Manager 61
Play Store 62
Open Play Store 62
Browse for Applications 62
Search for Applications 62
Check Details about an Application 62
Downloading and Installing Applications 62
Managing Downloaded Applications 62
Settings 63
Wireless & Networks 63
Airplane Mode 63
Wi-Fi 63
Bluetooth 63
Tethering & Portable Hotspot 63

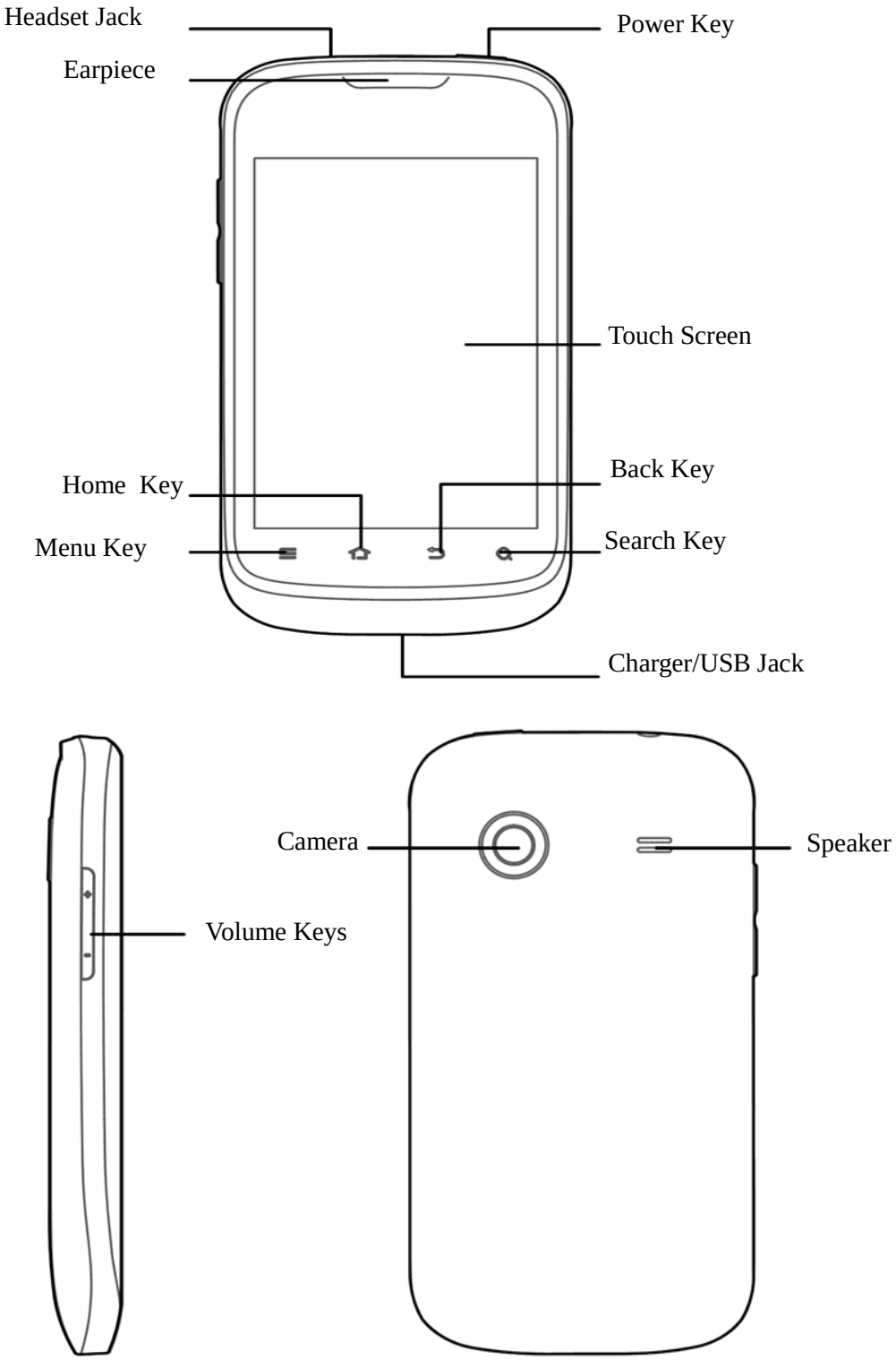
VPN Settings 63
Mobile Networks 63
Call Settings 64
Sound Settings 64
Display Settings 65
Location & Security Settings 65
Application Settings 66
Install an Non-Play-Store Application 66
Remove an Application 66
Accounts & Sync Settings 66
Accounts & Sync Settings Screen 66
Account Screen 67
Privacy Settings 67
Back up My Data 67
Automatic Restore 67
Factory Data Reset 67
Storage Settings 67
Language & Keyboard Settings 68
Voice Input & Output Settings 68
Voice Recognizer Settings 68
Text to Speech Settings 68
Accessibility Settings 68
Date & Time Settings 68
About Phone 69
Upgrading the Phone Software 69
Troubleshooting 70
Legal & Safety Information 73
Legal Notice 73
Safety Information 73
RF Exposure 74
General Statement on RF Energy 74
Specific Absorption Rate (SAR) 74
Body-Worn Operation 74
Limiting Exposure to Radio Frequency (RF) Fields 74
Regulatory Information 74
Distraction 75
Driving 75
Operating Machinery 75
Product Handling 75
General Statement on Handling and Use 75
Small Children 75
Demagnetization 75
Electrostatic Discharge (ESD) 76
Air Bags 76
Seizures/ Blackouts 76

Repetitive Motion Injuries 76
Emergency Calls 76
Loud Noise 76
Phone Heating 76
Electrical Safety 76
Accessories 76
Connection to a Car 76
Faulty and Damaged Products 77
Interference 77
General Statement on Interface 77
Pacemakers 77
Hearing Aids 77
Medical Devices 77
Hospitals 77
Aircraft 77
Interference in Cars 77
Explosive Environments 78
Petrol Stations and Explosive Atmospheres 78
Blasting Caps and Areas 78

Getting Started

Taking a Glance at Your N790

Overview



Key Definition

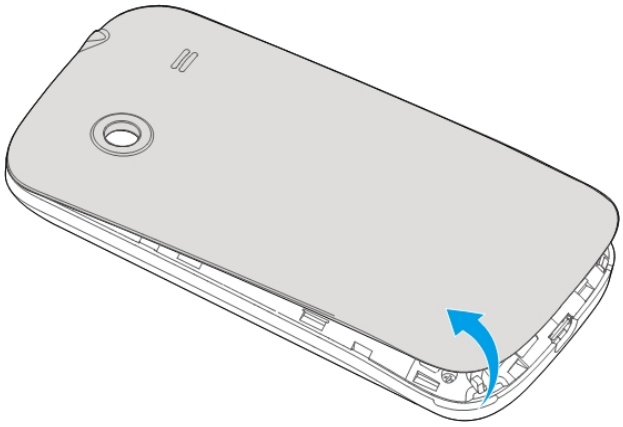
Key	Function
Power Key	• Hold to get the phone options. You can select Silent mode, Airplane mode, or Power off your phone. • Press to switch your phone to sleep mode. • Press to wake up your phone.
Home Key	• Press to return to the Home Screen from any application or screen. • Hold to see the recently- used applications.
Menu Key	Press to get the options on the current screen.
Back Key	Press to go to the previous screen.
Volume Keys	• Press the **Volume Up Key** to turn the volume up. • Press the **Volume Down Key** to turn the volume down.

Starting Up

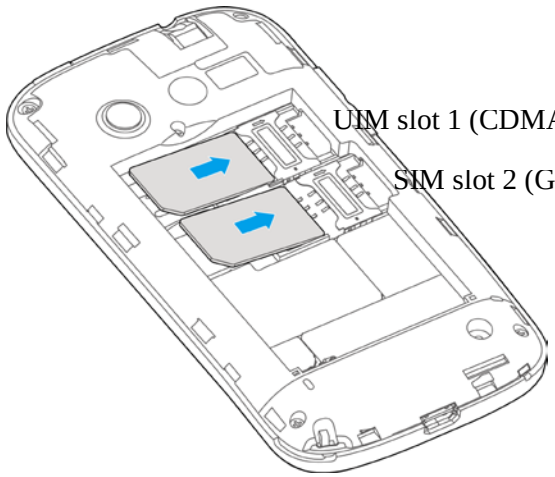
Install the SIM/USIM Card, microSD Card and Battery

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

1. Remove the battery cover.

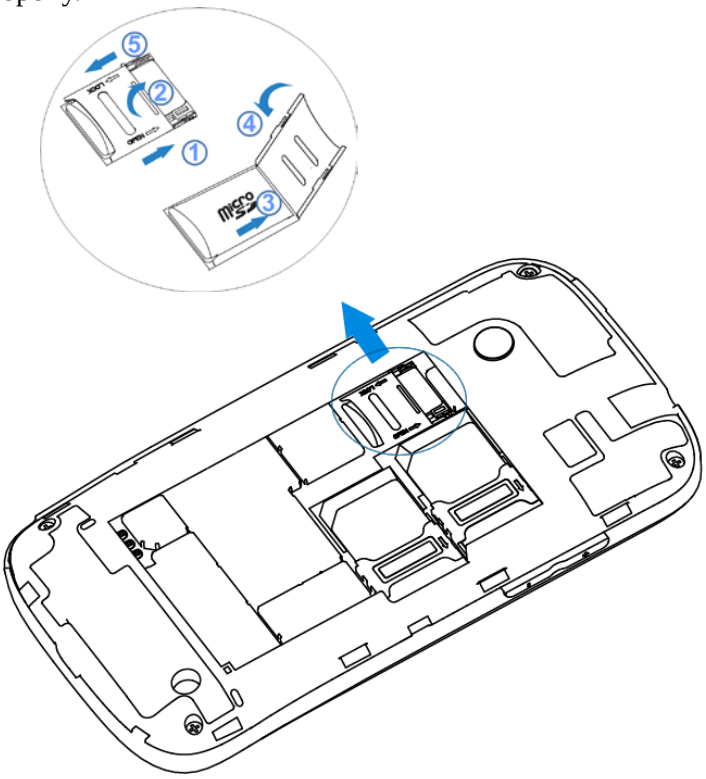


2. Hold your SIM card with the cut corner oriented as shown below and then insert it into the card holder properly.



Caution: Install your CDMA UIM card into UIM slot 1. Install your 2G SIM card into SIM slot 2. SIM slot 1 is the main slot, SIM slot 2 is the auxiliary slot.

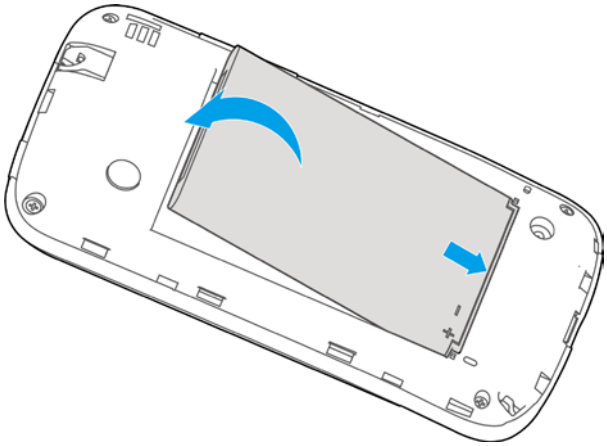
3. Hold your microSD card with the cut corner oriented as shown in the following picture and then insert it into the card holder properly.



NOTE:

microSD logo is a trade mark of SD Card Association.

4. Insert the battery by aligning the gold contacts on the battery with the gold contacts in the battery compartment on the phone. Push down the battery until it clicks into place.

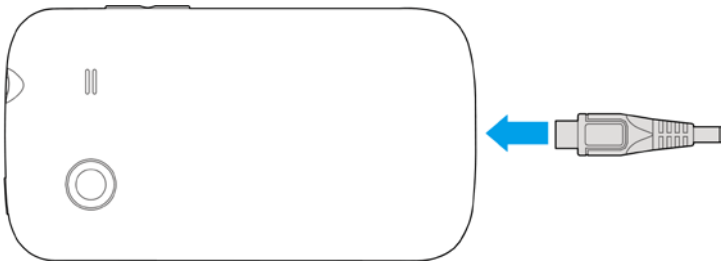


5. Replace the battery cover and press it gently until you hear a click.

Charge the Battery

The new battery is not fully charged. To charge the battery, you need to:

1. Connect the adapter to the charger jack.



2. Connect the charger to a standard AC wall outlet.

NOTE:

- If the battery is low, there will be a pop-up message on the screen and the indicator light will be red.
- When you charge your phone, the indicator light will change according to the battery level.
- If the phone is powered on, the icon will appear on the status bar. When charging, the battery indicator appears on the status bar.

3. Disconnect the charger when the battery is fully charged.

Power on/off Your Phone

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

- Hold the **Power Key** to power on your phone.
- To power off your phone, hold the **Power Key** to get the phone options, select **Power off**, and then touch **OK**.

Knowing Your Device

Getting to Know the Home Screen

The Home screen is your starting point to access all the features on your phone. It displays application icons, widgets, shortcuts, and other features. You can customize the Home screen with different wallpapers and display the items you want.



Wake Up the Phone

If you don't use the phone for a while or press the **Power Key** when the phone is on, the screen darkens to conserve the battery.

1. Press the **Power Key**.
2. Press and hold the lock icon to unlock the screen. The last screen you were viewing opens.

   If you've set a screen lock, you must draw an unlock pattern or enter a PIN or password to unlock it.

Return to the Home Screen

Press the **Home Key** at any time, in any application to return to the Home screen.

Using the Touchscreen

The main way to control Android features is by using your finger to manipulate icons, buttons, menu items, the onscreen keyboard, and other items on the touchscreen. You can also change the screen's orientation.

Touch To act on items on the screen, such as application and settings icons, to type letters and symbols using the onscreen keyboard, or to press onscreen buttons, you simply touch them with your finger.	
Touch and Hold Touch and hold an item on the screen by touching it and not lifting your finger until an action occurs. TRY IT: Touch and hold an empty area on the Home screen to open a menu for adding items or changing wallpaper.	
Drag Touch and hold an item for a moment and then, without lifting your finger, move your finger on the screen until you reach the target position. TRY IT: Drag an item (a shortcut, a widget, or a folder) on the Home screen to reposition it.	
Swipe or Slide To swipe or slide, quickly move your finger across the surface of the screen, without pausing when you first touch it (so you don't drag an item instead). TRY IT: Swipe the screen left or right to change Home screen panels.	
Double-tap Touch quickly twice on a webpage, map, or other screen to zoom. TRY IT: Open a webpage in Browser. You can double-tap a section of the webpage to zoom in on that section and double-tap again to zoom out.	
Pinch In some applications (such as Maps, Browser, and Gallery), you can zoom in and out by placing two fingers on the screen at once and pinching them together (to zoom out) or spreading them apart (to zoom in).	

Monitoring the Phone Status

The Status bar appears at the top of every screen. It displays icons indicating that you've received notifications (on the left) and icons indicating the phone's status (on the right), along with the current time.

Status Icons

	CDMA Signal strength		No signal
	Battery flat		USB connected
	Battery very low		GSM Signal strength
	Bluetooth on		Phone microphone off
	Battery partially drained		No SIM card installed
	Battery full		Error or warning

	Battery charging		GPS on
	Syncing		microSD card unmounted
	Vibrate mode		Preparing microSD card
	Airplane mode		Connected to a Wi-Fi network
	New mail		Alarm set
	New SMS		Wired headset inserted
	New MMS		Speaker on
	New Google Mail message		Problem with SMS/MMS delivery
	Missed call		New instant message
	Call on hold		Upcoming event
	Call in progress		Song is playing
	Portable Wi-Fi hotspot on		Downloading data
	New Wi-Fi network detected		Sending data

Managing Notifications From the Notification Panel

From the Notifications Panel, you can get the information of the notification icons and respond to them.

1. Hold the notifications bar until  appears on the top of the Screen.

2. Drag  downwards. Your current notifications are listed in the panel, each with a brief description.

TIP:

You can also open the Notifications Panel from the Home Screen by pressing the **Menu Key** > **Notifications**.

- **To respond to a notification:**

Open the Notifications Panel and touch a notification to respond to it. For example, touch a new message notification to open the **Messages** application and read the message.

- **To clear all notifications:**

Open the Notifications Panel and touch **Clear** at the top right of the panel. All event-based notifications are cleared; ongoing notifications remain in the list.

- **To close the Notification Panel:**

Drag  at the bottom of the Notifications panel to the top of the screen. Or just press the **Back Key**. The panel also closes when you touch a notification to respond to it.

Using the On-screen Keyboard

You enter text using the onscreen keyboard. Some applications open the keyboard automatically. In others, touch a text field where you want to enter text to open the keyboard.

When you're finished typing, press the **Back Key** to close the keyboard.

TIP:

Turn the phone sideways to use a larger keyboard.

Editing Text

You can edit the text you entered in text fields and use menu commands to cut, copy, and paste text, within or across applications. Some applications don't support editing some or all of the text they display; others may offer their own way to select text you want to work with.

Move the Cursor

1. Touch the text you want to edit. The cursor is inserted where you touched.
2. Drag the tab below the cursor to move it.

Select word

You can select text for cutting, copying, deleting, or replacing.

1. Touch and hold the text or word you want to select.
2. Touch **Select word** or **Select all** in the menu that opens. The selected text is highlighted. Drag to expand or reduce the range of selected text.

If you change your mind, you can unselect the text by touching unselected text in the same or in another text field, or press the **Back Key**.

Cut or Copy Text

1. Select the text to cut or copy.
2. Touch the selected text.
3. Touch **Cut** or **Copy** in the Edit Text menu.

Paste Text

1. Cut or copy the text to paste.
2. Place the cursor in the text field where you want to paste the text and touch and hold the field, or select text you want to replace by pasting.
3. Touch **Paste** in the menu that opens. The text is inserted at the cursor.

Opening and Switching Applications

Open an Application

Touch an application's icon on the Launcher or the Home screen to open it.

Switch to a Recently Used Application

1. Press and hold the **Home Key** from any screen until the following recently used applications interface appears.



2. Touch an application you want to open.
3. Touch **Task Manager** to open the task manager.

Locking Your Screen

You can lock your screen so that only you can unlock it to make calls, access your data, buy applications, and so on.

1. On the Home screen, press the **Menu Key** and touch **Settings > Location & security**.
2. Touch **Set up screen lock**. If you already have a screen lock configured, touch **Change screen lock** to change how you lock your screen or to turn off screen lock.
3. Touch **Pattern**, **PIN**, or **Password**. If you touch **Pattern**, you're guided to create a pattern you must draw to unlock the screen. The first time you do this, a short tutorial about creating an unlock pattern appears.

Customizing the Home Screen

You can add application icons, shortcuts, widgets, and other items to any part of any Home screen panel where there's free space. You can also change the wallpaper.

Add an Item to the Home Screen

1. Open the Home screen panel where you want to add the item.
2. Press the **Menu Key > Personalization > Add to home screen**. Or just touch and hold an empty location on the Home screen.

3. In the menu that opens, touch the type of item to add.

Move an Item on the Home Screen

1. Touch and hold the item you want to move, until it vibrates.
2. Drag the item to a new location on the screen. Pause at the edge of the screen to drag the item onto another Home screen panel.
3. When the item is where you want it, lift your finger.

Remove an Item from the Home Screen

1. Touch and hold the item you want to remove, until it vibrates.
2. Drag the item to the Trash Can icon.
3. When the icon turns red, lift your finger.

Change the Home Screen Wallpaper

1. Press the **Menu Key** and select **Wallpaper**.
2. Select the image or animation you want to use from **Gallery**, **Live wallpapers**, or **Wallpapers**. Some cropping may be needed for **Gallery** images.
3. Touch **Save** or **Set wallpaper**.

Rename a Folder

1. Touch the folder to open it.
2. Touch the folder window’s title bar.
3. Enter a new name in the dialog that appears.
4. Touch **OK**.

Connecting to Networks and Devices

Connecting to Mobile Networks

Disable Data When Roaming

You can prevent your phone from transmitting data when roaming over other carriers' mobile networks. This is useful for controlling expenses if your cell plan doesn't include data roaming.

1. Press the **Home Key** > **Menu Key**, and touch **Settings** to open the settings application.
2. Touch **Wireless & networks > Mobile networks** and uncheck **Data Roaming**.
   With Data roaming unchecked, you can still transmit data with a Wi-Fi connection.

Edit or Create a New Access Point

1. Press the **Home Key** > **Menu Key**, and touch **Settings** to open the Settings application.
2. Touch **Wireless & networks > Mobile networks > CDMA Network Settings > Access Point Names**.
3. Touch an existing APN to edit it. Or press **New APN**. Enter the APN settings that you obtained from your wireless service provider by touching each setting that you need to edit.
4. When you're finished, touch **Save**.
5. If you created a new APN, touch it in the APNs screen to start using it.

Connecting to Wi-Fi Networks

Turn Wi-Fi on and connect to a Wi-Fi Network

If you're adding a Wi-Fi network when first setting up your phone, Wi-Fi is turned on automatically, so you can skip to step 4.

1. Press the **Home Key** > **Menu Key**, and touch **Settings** to open the Settings application.
2. Touch **Wireless & networks > Wi-Fi Settings**.
3. Check **Wi-Fi** to turn it on.
   The phone scans for available Wi-Fi networks and displays the names of those it finds.
4. Touch a network to connect to it.

   If the network is open, you are prompted to confirm that you want to connect to that network by touching **Connect**.

   If the network is secured, you're prompted to enter a password or other credentials.

Receive Notifications When Open Networks are Available

By default, when Wi-Fi is on, you receive notifications in the Status bar when your phone detects an open Wi-Fi network.

1. Turn on Wi-Fi, if it's not already on.
2. In the Wi-Fi settings screen, check **Network notification**. You can uncheck this option to stop receiving

notifications.

Add a Wi-Fi Network

You can add a Wi-Fi network if the network does not broadcast its name (SSID), or to add a Wi-Fi network when you are out of range. Get information about the network from the network administrator first.

1. Turn on Wi-Fi, if it's not already on.
2. In the Wi-Fi settings screen, touch **Add Wi-Fi network**.
3. Enter the SSID (name) of the network. If the network is secured, touch the Security menu and then touch the type of security deployed on the network.
4. Enter any required security credentials.
5. Touch **Save**. Any credentials that you entered are saved, so you are connected automatically every time you come within range of this network.

Forget a Wi-Fi Network

1. Turn on Wi-Fi, if it's not already on.
2. On the Wi-Fi settings screen, touch and hold the name of the network.
3. Touch **Forget network** in the dialog that opens.

Connecting to Bluetooth Devices

Turn Bluetooth on or off

1. Press the **Home Key** > **Menu Key**, and touch **Settings** to open the Settings application.
2. Touch **Wireless & networks**.
3. Check or uncheck Bluetooth to turn it on or off.

Change the Bluetooth Name

1. Press the **Home Key** > **Menu Key**, and touch **Settings** to open the Settings application.
2. Touch **Wireless & networks** > **Bluetooth Settings**.
3. If Bluetooth isn't turned on, check **Bluetooth** to turn it on.
4. Touch **Device name**, enter a name, and touch **OK**.

Pair Your Phone with a Bluetooth Device

1. Press the **Home Key** > **Menu Key**, and touch **Settings** to open the Settings application.
2. Touch **Wireless & networks** > **Bluetooth Settings**.
3. If Bluetooth isn't turned on, check **Bluetooth** to turn it on. Your phone scans for and displays the IDs of all available Bluetooth devices in range.
4. If your phone stops scanning before you make the other device discoverable, touch **Scan for devices**.
5. Touch the ID of the other device in the list in Settings to pair them. The devices pair with each other. If you're prompted to enter a pass code, try entering 0000 or 1234 (the most common passcodes), or check the user guide that came with the device.

Connect to a Bluetooth Device

Touch a paired but unconnected device in the Bluetooth settings screen.

If the device you expected isn't displayed, touch **Scan for devices**. When the phone and the device are connected, the device is displayed as connected in the list.

Disconnect from a Bluetooth Device

Touch the connected device in the Bluetooth settings screen and touch **OK**.

Unpair a Bluetooth Device

Touch and hold the device in the Bluetooth settings screen and touch **Unpair** in the menu that opens.

Connecting to Computer via USB

Use the Phone as a USB Storage

1. Use the USB cable that came with your phone to connect the phone to a USB port on your computer. You receive a notification that the USB is connected.
2. Open the Notifications Panel and touch **USB connected**.
3. Touch **Turn on USB storage** confirm that you want to transfer files.

Your phone's USB storage or SD card is mounted as a drive on your computer. You can now copy files back and forth.

Disconnect Your Phone From the Computer

1. Unmount the USB storage or SD card on your computer.
2. Open the Notifications Panel and touch **Turn off USB storage > Turn off USB storage**.

Safely Remove an SD Card From Your Phone

If you need to remove the SD card while the phone is on, you must unmount the SD card form the phone first, to prevent corrupting or damaging the SD card.

1. Press the **Home Key** > **Menu Key**, and touch **Settings** > **Storage**.
2. Touch **Unmount SD card**. You can now safely remove the SD card from the phone.

Erase Your Phone's SD Card

If your phone uses an SD card, you may need to erase a new one before you can use it with your phone.

1. Press the **Home Key** > **Menu Key**, and touch **Settings** > **Storage**.
2. Touch **Erase SD card**. On the screen that warns you that formatting will erase its contents, touch **Erase SD card**.

Sharing Your Data Connection

Share Your Phone's Data Connection via USB

1. Use the USB cable that came with your phone to connect your phone to your computer.
2. Press the **Home Key** > **Menu Key**, and touch **Settings** to open the Settings application.

3. Touch **Wireless & networks > Tethering & portable hotspot** and check **USB tethering**. The phone starts sharing its mobile network data connection with your computer, via USB connection. An ongoing notification  is added to the Status bar.

Uncheck **USB tethering** to stop sharing your data connection. Or just disconnect the USB cable.

Share Your Phone's Data Connection as a Portable Wi-Fi Hotspot

1. Press the **Home Key** > **Menu Key**, and touch **Settings** > **Wireless & networks > Tethering & portable hotspot**.
2. Check **Portable Wi-Fi hotspot**. After a moment, the phone starts broadcasting its Wi-Fi network name (SSID), so you can connect to it with up to 5 computers or other devices.
3. Touch **Portable Wi-Fi hotspot settings > Configure Wi-Fi hotspot** if you want to change the Wi-Fi network name or secure it with a password.

Uncheck **Portable Wi-Fi hotspot** to stop sharing your data connection via Wi-Fi.

Connecting to Virtual Private Networks

Add a VPN

1. Press the **Home Key** > **Menu Key**, and touch **Settings** > **Wireless & networks > VPN Settings**.
2. Touch **Add VPN**.
3. Touch the type of VPN to add and configure each component of the VPN settings given by your network administrator.
4. Press the **Menu Key** and touch **Save**. The VPN is added to the list on the VPN settings screen.

Connect to a VPN

1. Open the Settings application.
2. Touch **Wireless & networks > VPN settings**. The VPNs you've added are listed on the VPN settings screen.
3. Touch the VPN to which you want to connect.
4. Enter any requested credentials and touch **Connect**.

When the phone is connected to a VPN, you receive an ongoing notification in the Status bar. If the connection is lost, you receive a notification that you can use to return to the VPN settings screen so that you can reconnect to it.

Edit a VPN

1. Open the Settings application.
2. Touch **Wireless & networks > VPN settings**.
3. Touch and hold the VPN whose settings you want to edit.
4. In the dialog that opens, touch **Edit network**.
5. Edit the VPN settings you want.
6. Press the **Menu Key** and touch **Save**.

Delete a VPN

1. Open the Settings application.
2. Touch **Wireless & networks > VPN settings**.

3. Touch and hold the VPN you want to delete.
4. In the dialog that opens, touch **Delete network**.
5. Touch **OK** in the dialog that asks you to confirm you want to delete the VPN.

Phone Calls

You can place a phone call by dialing a phone number. You can also touch a number in your contacts, on web pages, and other places. You can even set up conference calls with several participants.

Placing and Ending Calls

Place a Call by Dialing

1. Open the dialer.
2. Touch the keys on the Dialer to enter the phone number.

   Touch  to erase wrong digits one by one, or touch and hold it to erase the whole number..

   To dial an international number, touch and hold the 0 key to enter the plus (+) symbol. Then enter the international prefix for the country, followed by the full phone number.
3. Touch **CDMA Call** or **GSM Call**.

End a Call

During a call, drag  to the left to end it.

Disable Phone Calls (Airplane Mode)

Some locations may require you to turn off your phone's mobile, Wi-Fi, and Bluetooth wireless connections. You can do so by placing your phone in Airplane mode.

1. Press and hold the **Power Key**.
2. Touch **Airplane mode**.

   You can also use the Settings application to turn Airplane mode on and off.

Answering or Declining Calls

Answer a Call

Drag the green phone icon  to the right.

Decline a Call

Drag  to the left to decline a call.

Working with the Call Log

The Call log is a list of all the calls you've placed, received, or missed. It offers a convenient way to redial a number, return a call, or add a number to your Contacts.

Open the Call Log

Touch the **Call Log** icon on the **dialer** screen or in the Launcher.
Calls are listed with the most recent at the top. Calls exchanged sequentially with the same number are grouped. Scroll to view earlier entries in the log.

Dial a Number in the Call Log

While viewing the call log, touch the green phone icon at the right of the entry to select the number in the dialer, and then touch **CDMA Call** or **GSM Call**.
You can also touch and hold the entry to open a menu with options for communicating with that contact in other ways.

Add an Entry's Number to Your Contacts

1. Touch and hold the entry.
2. Touch **Add to contacts** in the menu that opens.
3. In the list of contacts that opens, touch **Create new contact** at the top, or scroll to find and touch an existing contact to which you want to add the number.

Take Other Actions on a Call Log Entry

- Touch a Call log entry to open a screen where you can call the contact again, send the contact a message, add the number to your Contacts, and learn more about the original call.
- Touch and hold a Call log entry to open a menu where you can call the contact, view contact information, edit the number before you redial, and more.

Delete the Call Log

While viewing the Call log, press the **Menu Key** and touch **Delete call log**.
You can also touch and hold a log entry and select **Remove from call log** to remove just that entry.

Calling Your Contacts

Instead of entering the number in the Dialer, you can touch one of your contact's phone numbers to dial it.

1. Open the Contacts application.
2. Touch the contact in the Contacts tab or Favorites tab to call. You can search for or scroll to find a contact.
3. Touch the green phone icon at the right of the entry to select the contact.
4. Touch **CDMA Call** or **GSM Call** to call the contact.

Using Options During a Call

When a call is in progress, you can put a call on hold, create a phone conference, mute your microphone, and more.

- Press the **Menu Key** and touch **Hold** to put the call on hold or take the call off hold.
- Touch **Mute** to mute your microphone so that the person with whom you are speaking cannot hear you, but you can still hear him or her.
- If a Bluetooth headset is connected to the phone, touch **Bluetooth** to switch voice from the headset to the phone or vice versa.

- Touch **Record** to record the call.

Managing Multiple Calls

Switch Between Current Calls

If you are already on a call and accept a new call, the first call will be put on hold automatically. You can also put an ongoing call on hold, and then dial another call. While both calls are connected, press the **Menu Key** and touch **Swap calls** to switch the active call.

Set up a Conference Call

Contact your wireless service provider to learn whether they support conference calls and how many participants you can include.

1. Place a call to the first participant.
2. When you’re connected, touch **Add call** to call the next participant. The first participant is put on hold.
3. When you’re connected, touch **Merge calls**.
4. Both participants are added to the conference call.

You can add as many callers as your carrier supports. During a conference call, touch **Manage** to drop a conference call participant or to talk privately with one of the participants.

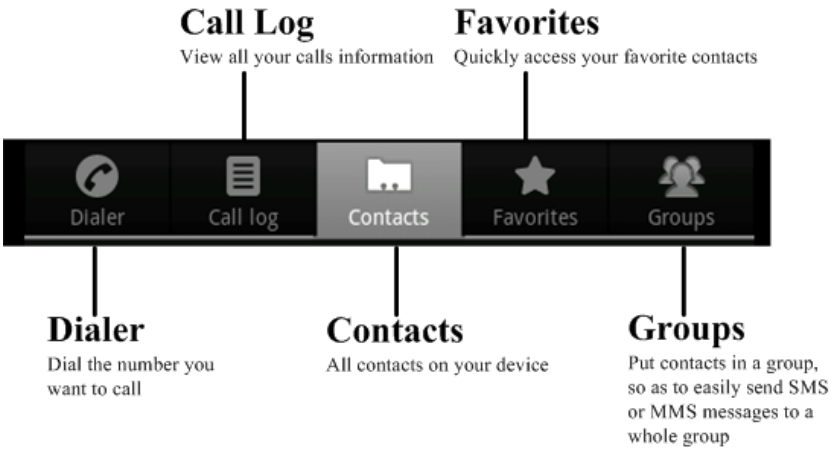
Contacts

Contacts gives you quick and easy access to the people you want to reach.

Opening Your Contacts

Touch the Contacts icon on the Home screen or in the Launcher.

There are five tabs on the Contacts screen: Dialer, Call log, Contacts, Favorites and Groups. All of your contacts are displayed in the Contacts tab alphabetically.



Adding a New Contact

1. Open your contacts.
2. Touch at the bottom on the screen.
3. If you have more than one account for contacts, touch **Contact type** and select the account to which you want to add the contact.
4. Enter the contact name and other information, such as phone numbers and emails.

   Touch a category's plus button to add more than one entry for that category— for example, to add both work and home numbers. Touch the button at the left of the entry to select labels, such as **Mobile** or **Work** for a phone number, or select **Custom** to create your own label.

5. Touch the picture frame icon to assign a picture (avatar) to the contact.
6. When you're finished, touch .

Importing, Exporting, and Sharing Contacts

Import Contacts From Your SIM Card

1. Open your contacts.

2. Press the **Menu Key** and touch **Import/Export > Import from CDMA card / Import from GSM card**.
3. Touch the account into which you want to import the contacts.
4. Touch the CDMA/GSM card contacts you want to import or touch ⊘ to select all. Then touch ⊘.

Import Contacts From Your SD Card

You can copy contacts in vCard format onto your SD card and then import them into one of your accounts on the phone.

1. Open your contacts.
2. Press the **Menu Key** and touch **Import/Export** > **Import from SD card**.
3. Touch the account into which you want to import the contacts.
4. If you have more than one vCard file on the SD card, touch the option to import one vCard file, multiple vCard files, or all of vCard files.

Export Contacts to Your SD Card

You can export all of the contacts on your phone to your SD card, as a group vCard file.

1. Open your contacts.
2. Press the **Menu Key** and touch **Import/Export > Export to SD card**.
3. Touch ⊘ to confirm.

Share a Contact

You can share a contact in vCard format with someone by Bluetooth, Email, Gmail or Message.

1. Open Contacts.
2. Open the contact you want to share.
3. Press the **Menu Key** and touch **Share**.

Working With Favorites

The **Favorites** tab contains the short list of contacts you communicate with most frequently. You can also add other contacts to the tab.

1. Open your contacts.
2. Touch a contact to view its details.
3. Touch the star at the right of the contact's name to add the contact to your Favorites.

Touch the star again to remove the contact from your Favorites list.

Working with Groups

Open your contacts and touch the **Groups** tab. It contains the groups you've created, to which you are able to add members.

Add a Group

1. Open your contacts and touch the **Groups** tab.
2. Touch ⊕ at the bottom of the screen.
3. Enter the group name and touch⊘.

Add Member to Group

You have two ways to add a member to a group.

1. On the groups screen, touch the group name to view the group members.
2. Touch at the bottom to select members from your contact list.

Or

1. From the contacts screen, touch and hold the contact you want to add to a group.
2. Touch **Add to group**, select the specific group and then touch **OK**.

Rename or Delete a Group

1. Open your contacts and touch the **Groups** tab.
2. Touch and hold the group you want to edit or delete.
3. Touch **Rename group** or **Delete Group**.

Searching for a Contact

1. Open your contacts.
2. Touch at the bottom of the Contacts screen.
3. Enter the name of the contact you're searching for. As you type, contacts with matching names appear below the search box.
4. Touch a matching contact in the list to open its details screen.

Editing Contact

Edit Contact Details

1. Open your contacts or favorites.
2. Touch and hold the contact you want to edit and touch **Edit contact**.
3. Edit the contact information. See Adding a New Contact for details.
4. Touch .

Delete a Contact

1. Open your contacts or favorites.
2. Touch the name of a contact in the list to view its details.
3. Touch the **Menu Key** > icon and touch **OK**.

Accounts

Adding and Removing Accounts

You can add multiple Google Accounts. You may also be able to add other kinds of accounts, depending on your applications.

Add an Account

To add some accounts, you may need to obtain details from an IT support representative about the service to

which the account connects.

1. Touch **Settings** in the Launcher and touch **Accounts & sync**.

   The screen displays your current sync settings and a list of accounts you've added.

2. Touch **Add account**.
3. Touch the kind of account to add.
4. Follow the onscreen steps to enter the required and optional information about the account.

Remove an Account

You can remove an account to delete it and all information associated with it from your phone, including mails, contacts, settings, and so on.

1. Touch **Settings** in the Launcher and touch **Accounts & sync**.
2. Touch the account to delete.
3. Touch **Remove account**.
4. Confirm that you want to remove the account.

Configuring Account Sync

Configure General Sync Settings

1. Touch **Settings** in the Launcher and touch **Accounts & sync**.
2. Check or uncheck **Background data** to control whether applications and services can transmit data when you are not working with them directly (that is, when they are running in the background).
   If you uncheck this option, the mail applications stop receiving new mail, Calendar stops syncing events, and so on, until you touch **Refresh** or send an email.
3. Check or uncheck **Auto-sync** to control whether changes you make to information on the phone or on the web are automatically synced with each other.
   If you uncheck this option, you may be able to use an application's tools to sync data manually.

Sync Information Manually

1. Open the Accounts & Sync Settings screen.
2. Touch the account whose data you want to sync.
3. Press the **Menu Key** and touch **Sync now**.

Change an Account's Sync Settings

1. Open the Accounts & Sync Settings screen.
2. Touch the account whose sync settings you want to change.

   The Data and Synchronization screen opens, displaying a list of the kinds of information the account can sync. Checked items are configured to sync to your phone.

3. Check or uncheck the kinds of information you want to sync to the phone. Unchecked items are not kept in sync with the version on the web.

Gmail

Gmail is Google's web-based email service. You need to sign in to your Google account on your phone to use the Gmail application.

Opening Gmail and Your Inbox

Open Gmail

Touch  on the Home screen or in the Launcher.

The current Google account is displayed at the top right of the Inbox. If you have more than one account, touch the current account to switch accounts, as described in "Switch Accounts".

Open Your Inbox

- When Gmail is running, press the **Back Key** until you return to the Inbox.
- When reading a message, press the **Menu Key** and touch **Go to inbox**.
- When viewing a list of labeled conversations, press the **Menu Key** and touch **More > Go to inbox**.

Switch Accounts

Gmail displays conversations, messages, and settings from one Google account at a time. You can open the Accounts screen to view how many unread messages you have in each account and to switch accounts.

1. From your Inbox, touch the current account at the top right of the screen. Or press the **Menu Key** and touch **Accounts**.
2. Touch the account that contains the email you want to read.

Go to Labels

If you want to check messages with labels other than Inbox, you can simply press the **Menu Key** and touch **Go to labels** or touch the current label at the upper left corner of the screen to select a label (Starred, Outbox, Drafts, etc.).

Work With Attachments

Gmail can display some kinds of attached images (.png, .jpeg, depending on your phone) in a message. Others have a **Preview** or **Download** button you can use. Depending on the applications installed on your phone, you may also be able to download and read a variety of types of files, including spreadsheets (.xls), word-processing documents (.doc), or PDF files (.pdf). Other applications may add support for opening other kinds of files.

Attachments you download are stored on your phone's microSD card. Image files are added to albums in Gallery.

Composing and Sending a Message

1. When viewing the Inbox or other list of conversations, press the **Menu Key** and touch **Compose**.
2. If you have more than one Gmail account, touch the account at the top of the screen to select the account you want to use for sending the message.
3. Address the message. Press the **Menu Key** and touch **Add Cc/Bcc** to add Cc and Bcc recipients.
4. Enter a subject for the message.
5. Enter the text of the message.
6. If you want to attach a photo, press the **Menu Key** and touch **Attach** to select one.
7. Touch the **Send** icon .

If you're not ready to send the message, touch the **Save draft** icon instead. You can read your drafts by opening messages with the Draft label.

You can also press the **Menu Key** and touch **Discard** to abandon the message, including any saved draft.

Replying to or Forwarding a Message

You can continue a conversation by replying to a message or by forwarding it.

1. Touch the **Reply** button in the message header. Or touch the arrow and touch **Reply all** or **Forward**.

   You can change the default button from **Reply** to **Reply all** in Gmail settings.
2. Edit the message and then touch the **Send** icon .

Searching for Messages

You can search for messages that contain one or more words in their contents or in their addresses, subjects, labels, and so on.

1. In the Inbox, press the **Menu Key** and touch **Search**.
2. Enter the word or words to search for and touch the Go button on the onscreen keyboard or the magnifying glass icon at the right of the search box.

A conversation list opens, displaying all of the conversations with messages that contain the words you searched for. The words you searched for are displayed in the title bar.

Adding Signature to Your Gmail Messages

1. Open your Inbox or other labeled lists of conversations.
2. Press the **Menu Key** and touch **More > Settings**.
3. Select the accounts you want to add a signature, and then touch **Signature**.
4. Enter a signature.
5. Touch **OK**.

Changing Gmail Settings

You can change a number of settings for Gmail. Each Gmail account has its own settings, so your changes affect only the current account.

To change Gmail settings, open your Inbox, press the **Menu Key** and touch **More > Settings**.

Calendar

Calendar on the phone works with the web-based Google Calendar service for creating and managing events, meetings, and appointments.

Viewing Your Calendar and Events

Open Calendar

Touch the Calendar icon on the Home screen or in the Launcher.

Events from each account you've added to your phone are displayed in Calendar, as well as events added online and configured to synchronize to your phone.

Change Your Calendar View

- Press the **Menu Key** and touch **Day**, **Week**, or **Month**. Each view displays the events in your calendar for the period of time that you specify.
- To view more information about an event in Agenda view, touch the event.
- To view the events of a day in Month view, touch a day.

Viewing Event Details

In Agenda, Day, or Week view, touch an event to view its details.
In Month view, touch a day to switch to Day view. Then touch an event to view its details.

Creating an Event

1. In any Calendar view, touch to open an Event details screen for a new event.
   You can also touch and hold a spot in Day, Week, or Month view, and then touch to open the Event details screen with that day and time already entered.
2. Add details about the event. If you have more than one calendar account, you can choose the account to which to add the event.
3. If you selected an online calendar account, you can invite guests to the event. In the Guests field, enter the email addresses of everyone you want to invite to the event. Separate multiple addresses with commas. If the guests use Google Calendar, they'll receive an invitation in their Google Calendar and by email.
4. Press the **Menu Key** and touch **Show extra options** to add details about the event.
5. Scroll to the bottom of the screen and touch **Done.** The event is added to your calendar.

Editing an Event

1. Open the details of the event.
2. Press the **Menu Key** and touch **Edit event**.
3. Make your changes to the event.
4. Scroll to the bottom of the screen and touch **Done**.

Deleting an Event

1. Open the details of the event.
2. Press the **Menu Key** and touch **Delete event**.
3. Touch **OK**.

Changing Calendar Settings

You can change the following settings for how Calendar displays event and how it notifies you of upcoming events.

To change Calendar settings, open a Calendar view, press the  icon.

Google Talk

Google Talk is Google's instant messaging service. You can use it to communicate in real time with other Google Talk users on a phone, on the web, or with a computer application.

Signing in and Open Your Friends List

Open Google Talk and Sign in

Touch the **Talk** icon in the Launcher or on the Home screen.

When you first open Google Talk, your Friends list is displayed. This list includes all of the friends you've added by using Google Talk on the web, on the phone, or with a computer application.

Sign out of Google Talk

You can sign out of Google Talk—for example, if you want to switch the focus of all chats and invitations to Google Talk on a computer. Signing out can also extend your battery life.

On your Friends list, press the **Menu Key** and touch **Sign out**.

You no longer receive chat notifications or see others' Google Talk status in other applications, such as Gmail.

Chatting With Friends

1. Touch a friend in your Friends list.
2. Enter your message and touch **Send**.

You can also press the **Menu Key** and touch **More > Insert smiley** to open a scrolling list of smiles.

Switch between Active Chats

If you have more than one chat going, you can switch between chats.

- In the Friends list, touch the name of the person you want to chat with.
- On a chat screen or in the Friends list, press the **Menu Key** and touch **Switch chats**, then touch the friend you want to chat with.
- While chatting with a friend, swipe left or right across the screen.

Invite a Friend to Join a Group Chat

When you're chatting, you can invite additional friends to join a group chat, where everyone can see everyone else's messages.

1. On a chat screen, press the **Menu Key** and touch **Add to chat**.
2. Touch the name of the friend to invite.

Managing Online Status and Picture

Change Your Online Status

1. Touch your own entry at the top of your Friends list.
2. Touch the status menu at the top of the screen and select a status.
3. Enter a status message. You can also select a message that you've entered previously. Or press the **Menu Key** and touch **Clear custom messages** to erase them and start over.
4. Touch **Done**.

Change Your Picture

1. Touch your own entry at the top of your Friends list.
2. In the screen that opens, touch your picture at the top left.
3. In the dialog that opens, touch **Change** (or touch **Remove** to remove your picture and not replace it).
4. Touch an album and then touch the picture to use.
5. Crop the picture.
6. Touch **Save**.

Managing Your Friends List

Add a Friend

1. In the Friends list, press the **Menu Key** and touch **Add friend**.
2. Enter your friend's address and touch **Send invitation**.

Your friend's address in Google Talk is a Gmail or other email address that is configured to connect to Google Talk.

View and Accept an Invitation to Become a Friend

When a contact invites you to become a friend in Google Talk, you receive a notification in the Status bar and the invitation appears in your Friends list.

1. Touch the invitation in the Friends list.
2. Touch **Accept**, or touch **Cancel** if you don't want to chat and share your Google Talk status with the sender.

Block a Friend

You can block a friend from sending you messages. When blocked, your friend is also removed from your Friends list to a blocked friends list.

1. In the Friends list, touch and hold the friend's name. If you don't see the friend, press the **Menu Key** and touch **All friends**.
2. Touch **Block friend** in the menu that opens.

Press the **Menu Key** and touch **More > Blocked** to see blocked friends. Touch a friend's name and then touch **OK** to unblock.

Changing Google Talk Settings

In the Friends list, press the **Menu Key** and touch **Settings** to change Google Talk settings.

Email

Use the Email application to read and send email from services other than Gmail. Email includes a wizard that makes it easy to configure it for several popular email service providers.

Opening Email and the Account Screen

Open Email

Touch the Email icon on the Home screen or in the Launcher.

The first time you open Email, a setup wizard opens to help you add an email account, as described in "Adding and Editing Email Accounts".

After the initial setup, Email opens to the last screen you were viewing or, if you have not used Email recently, it displays the contents of your Inbox (if you have only one account) or the Accounts screen (if you have multiple accounts).

Open the Accounts Screen

From a folder screen, press the **Menu Key** and touch **Accounts** or **More > Accounts**.

The account from which you send email by default is indicated with a checkmark.

Reading Your Messages

You can read messages in your Inbox or other folders for individual accounts.

1. Open an account's Inbox, or another folder of messages.
2. Touch the message to read the content of the message as well as other information, such as the sender and the time it was sent.

Responding to a Message

You can reply to or forward a message that you receive. You can also delete messages and manage them in other ways.

Replay to or Forward a Message

- While reading a message, touch **Reply** or **Reply all**.
- While reading a message, touch **Reply**, **Reply all**, or **Forward**.

A Compose window opens with the addresses (when replying), subject, and a copy of the message you're responding to filled in.

Mark a Message as Unread

While reading a message, press the **Menu Key** and touch **Mark as unread**.

Delete a Message

While reading a message, touch **Delete** or press the **Menu Key** and touch **Delete**.

For most kinds of accounts, deleted messages are moved to a Trash folder, so you can retrieve them if you deleted them by mistake.

Working With Message in Batches

You can delete, star, or mark unread a batch of messages at once.

In the Inbox or mailbox, check the messages that you want to work with as a batch. When you check one or more messages, the **Mark unread**, **Add star**, and **Delete** buttons appear at the bottom of the screen.

Touch one of the buttons. You can also touch **Deselect all**. Your action affects the entire batch of messages.

Composing and Sending Email

1. Press the **Menu Key** and touch **Compose**.
2. Address the message. As you enter text, matching addresses are offered from your Contacts. You can touch a suggested address or enter a new one. Separate multiple addresses with commas.
3. Press the **Menu Key** and touch **Add Cc/Bcc** to address a copy or blind copy of the message.
4. Enter a subject for the message.
5. Enter the text to the message.
6. Press the **Menu Key** and touch **Add attachment** to send files with the message.
7. Touch **Send**.

Viewing an Account Folders

1. Open the Accounts screen.
2. Touch an account's folder icon. You can also open an account's folders while viewing its Inbox or other folder, by pressing the **Menu Key** and touching **Folders**.

The account's Folders screen opens, with a scrolling list of the folders in the account. Touch a folder to view a list of the messages it contains.

Adding Signature to Your Message

You can append a few lines of text to every message you send from an account, such as your name, contact information, or even "Sent by an android."

1. Open the Accounts screen.
2. Touch and hold the account whose settings you want to change. In the menu that opens, touch **Account settings**. You can also open the settings for an account while you're viewing its inbox, by pressing the **Menu Key** and touching **Account Settings**.
3. Touch **Signature**.
4. Enter a signature.
5. Touch **OK**.
6. When you're finished changing settings, press the **Back Key**.

Adding and Editing Email Account

Add an Email Account

1. Open the Accounts screen.
2. Press the **Menu Key** and touch **Add account**. In the Setup Email screen, enter your email address and password. If you're adding a second or subsequent email address, you can also check the option to use the new account to send all outgoing messages.
3. Touch **Next**. Or, if you need to enter email account settings the wizard can't configure for you, touch **Manual setup**.
4. Enter other information requested by the type of account you're adding and touch **Done**.
5. Enter a name for the account and touch **Done**. Email starts downloading messages and you can start using it to send and receive messages from the new account.

Edit an Email Account

You can change a number of settings for an account, including how often you check for email, how you're notified of new mail, and details about the servers the account uses to send and receive mail.

1. Open the Accounts screen.
2. Touch and hold the account whose settings you want to change. In the menu that opens, touch **Account settings**. You can also open the settings for an account while you're viewing its inbox, by pressing the **Menu Key** and touching **Account Settings**.
3. When you're finished changing settings, press the **Back Key**.

Delete an Email Account

1. Open the Accounts screen.
2. Touch and hold the account to delete.
3. Touch **Remove account**.
4. Touch **OK** to confirm that you want to delete the account.

Changing Email System Settings

You can change a number of settings for the system, including storage, exchange, and other settings.

1. Open the Email screen.
2. Press the **Menu Key** and touch **System settings** to configure the available options.
3. When you have finished changing settings, touch **Done** at the bottom of the screen.

Messaging

Opening Messages

Touch the Messages icon in the Launcher.

The Messages screen opens, where you can create a new message or open an ongoing message thread.

- Touch  to start a new text or multimedia message.
- Touch an existing message thread to open it.

Deleting a Message Thread From the Messages Screen

1. Touch and hold the message thread.
2. Touch **Delete thread** in the menu that opens.

Sending a Text Message

1. On the Messages screen, touch .
2. Touch the **To** field, and enter the recipient's number. You can also enter the first letters of the recipient's name to display a list of matching names stored in **Contacts**, and then select a recipient from the list.
3. Touch the **Type to compose** field, and enter the contents of your text message.
4. Touch **SIM 1 Send** or **SIM 2 Send**.

Sending a Multimedia Message

1. On the messages screen, touch .
2. Touch the **To** field, and enter the recipient's number. You can also enter the first letters of the recipient's name to display a list of matching names stored in **Contacts**, and then select a recipient from the list.
3. Touch the **Type to compose** field, and enter the contents of your message.
4. Press the **Menu Key** and touch **More > Add subject** to add a message subject.
5. Press the **Menu Key** and touch **Attach** to open a menu where you can touch the kind of media file to attach to the message.
   - **Pictures**: Select a picture to add to your message.
   - **Capture picture**: Take a photo and add to your message.
   - **Videos**: Select a video clip to attach to your message.
   - **Capture video**: Shoot a video clip and add to your message.
   - **Audio**: Select an audio file to add to your message.
   - **Record audio**: Record an audio file and add to your message.
   - **Slideshow**: Edit a slideshow and add to your message.
   - **Files**: Select files which stored in SD card.

6. Touch **SIM 1 Send** or **SIM 2 Send**.

Responding to Messages You Receive

When new messages arrive, you receive a new message notification in the Status bar.

When you touch the new message notification in the Notification Panel, the Message screen opens, where you can reply to the message.

If **Auto-retrieve** is disabled in message settings and the new message is an MMS, you must touch **Download** to view the message.

If the message contains a media file, touch **Play** to view, watch, or listen to it. Touch and hold the media file to open a menu with an option for saving the message on your microSD card.

Forwarding a Message

1. Touch and hold a message in a message window.
2. Touch **Forward** in the menu that opens.
3. Enter a recipient for the message and edit the content if you want.
4. Touch **SIM 1 Send** or **SIM 2 Send**.

Locking a Message

You can lock a message so it won’t be deleted if you reach the storage limit.

1. Touch and hold a message in a message window.
2. Touch **Lock message**. A lock icon appears to the right of the message.

To unlock a message, touch and hold it and then touch **Unlock message**.

Viewing Details about a Message

1. Touch and hold a message in a message window.
2. Touch **View message details** in the menu that opens.

Changing Message Settings

You can change a number of Messages settings. Open the Messages screen, press the **Menu Key** and touch **Settings**.

Browser

Opening Browser

Press the **Home Key** and touch > **Browser** to start this function.

Browser also opens when you touch a web link—for example, in an email or text message. When you open Browser, the last webpage you were viewing is displayed. If you have not used Browser recently, your home page opens.

Opening a Webpage or Search the Web

1. Touch the URL box at the top of the Browser screen. If the URL box isn't visible, press the **Menu Key** or just drag the page down until the URL box comes into view.
2. Enter the address (URL) of a webpage. Or enter terms you want to search for. As you enter text, your web search engine makes suggestions of webpages and queries. You can also touch the microphone icon to search by voice.
3. Touch a suggestion or enter an address and touch the arrow icon .

Refresh Current Page

Press the **Menu Key** and touch **Refresh**. The webpage is reopened, updating any content that has changed.

Stop Opening a Page

If a webpage is taking a long time to open, or if you change your mind, you can stop it from opening.

- Touch to the right of the URL.
- Press the **Menu Key** and touch **Stop**.

Get More Information About the Current Page

Press the **Menu Key** and touch **More** > **Page Info**. A dialog opens with the page's title and full address (URL).

Setting Your Home Page

Your home page opens when you open a new Browser window, and when you start Browser after restarting your phone or after not using it for a while.

1. Browse to the page you want to set as your home page.
2. Press the **Menu Key** and touch **More > Settings > Set home page**.
3. Touch Use current page. Or enter a different page's address (URL).
4. Touch **OK**.

TIP: If you prefer to open new Browser windows without opening a webpage by default, leave this field blank. This can make new Browser windows open more quickly.

Operating a Webpage

- Scroll a webpage: Slide your finger on the screen.
- Zoom in/out on a webpage: Slide your finger slightly on the screen to reveal the **Zoom** control . Then touch the plus or minus side of the Zoom control to zoom in or out.
  NOTE: You may not be able to zoom in or out on webpages designed for mobile devices.
- Find text on a webpage: Press the **Menu Key** and touch **More > Find on page**.
- Follow shortcuts for phone numbers and addresses: Touch a phone number to open the dialer with the number entered; touch a street address to open it in Maps.

Navigating Among Web Pages

You can open links on a webpage, navigate back and forward, and review your browsing history, just as in any web browser.

- Open a link: Touch a link to open it.
- Go back to the previous page: Press the **Back Key**.
- Go forward to the next opened page: Press the **Menu Key** and touch **More > Forward**.
- View browser history: Touch the bookmark icon  at the top right of the screen and then touch the **History** tab. Touch a record to reopen the page.
- View frenquently visited pages: Touch the bookmark icon  at the top right of the screen and then touch the **Most visited** tab. Touch an entry to open the page.

Working with Multiple Browser Windows

You can open up to eight Browser windows at once and switch among them.

Open a New Browser Window

- Press the **Menu Key** and touch **New Window**.
- Press the **Menu Key** and touch **Windows** > **New window**.

New windows open with your home page.

Switch Browser Window

1. Press the **Menu Key** and touch **Windows**. Your open windows are displayed.
2. Touch a window to open it.

Close a Browser Window

1. Press the **Menu Key** and touch **Windows**. All open windows are displayed in a scrolling list.
2. Touch the Close box  on the window to close it.

Downloading Files

Different webpages offer different mechanisms for downloading files.

Touch and hold an image or a link to a file or to another webpage. In the menu that opens, touch **Save image**

or **Save link**.

You can download files and even applications from webpages. The files that you download are stored on your phone's microSD card. To view downloaded files from the Browser screen, press the **Menu Key** and touch **More > Downloads**.

CAUTION: Applications downloaded from the web can be from unknown sources. To protect your phone and personal data, download applications only from trusted sources, such as Play Store.

Working with Bookmarks

Bookmark a Webpage

1. Open the webpage to bookmark.
2. Press the **Menu Key** and touch **Add bookmark**.
3. Edit the name and the address if necessary and touch **OK**. The bookmark is added to your list of bookmarks.

Open a Bookmark

1. Touch the bookmark icon  at the top of the screen (or press the **Menu Key** and touch **Bookmarks**).

   Bookmarks are displayed in thumbnail view by default. To see them as a list, press the **Menu Key** and touch **List view**.
2. Touch a bookmark to open it in the current window. Or you can touch and hold the bookmark and touch **Open in new window**.

Edit a Bookmark

1. Touch the bookmark icon  at the top of the screen (or press the **Menu Key** and touch **Bookmarks**).
2. Touch and hold the bookmark to edit.
3. Touch **Edit bookmark**.
4. Edit the name or address in the dialog that opens.
5. Touch **OK**.

Share a Bookmark

1. Touch the bookmark icon  at the top of the screen (or press the **Menu Key** and touch **Bookmarks**).
2. Touch and hold the bookmark to share.
3. Touch **Share link**.
4. Touch the application you want to use to send the bookmark.

The application opens with the bookmark’s address entered.

Delete a Bookmark

1. Touch the bookmark icon  at the top of the screen (or press the **Menu Key** and touch **Bookmarks**).
2. Touch and hold the bookmark to delete.
3. Touch **Delete bookmark**.
4. Touch **OK**.

Changing Browser Settings

You can configure a number of Browser settings, including several that you can use to manage your privacy. To open the Browser settings screen, press the **Menu Key** and touch **More > Settings**.

Maps, Navigation, and Local

Google Maps for Android includes the Maps application as well as the Navigation, and Local components, each available within Maps and as a separate shortcut in the Launcher.

Opening Maps

Touch the Maps icon in the Launcher or on the Home screen.

Move the Map

Drag the map with your finger.

Zoom on the Map

- Touch the plus or minus side of the Zoom control.
- Double-tap a location on the map with one finger to zoom in that location; touch once with two fingers to zoom out.
- Touch an area with two fingers at once and spread them apart to zoom in; pinch them together to zoom out.

NOTE: Not all zoom levels are available for all locations.

Viewing My Location and Location Services

The My Location feature on Google Maps lets you center the map on your current approximate location using a variety of methods to determine where you're located.

Enable Location Service

You must have location services turned on to view your location in Maps and to use your location to find local resources.

1. Press the **Home Key** > **Menu Key**, and then touch **Settings > Location & security**.
2. Check the My Location options that you want to use.
   - Check **Use wireless networks** to allow the phone to determine your approximate location by using Wi-Fi and mobile networks.
   - Check **Use GPS satellites** to allow your phone to determine your location to street-level accuracy. (GPS works best when you have a clear view of the sky.)

View Your Location

Touch the **My Location** icon in the search bar.

The map centers on a blue arrow that indicates your location. A blue circle around the arrow indicates that your actual location is within the circle.

Searching for Local

Google Maps allows you to explore the world around you. You can search for a location or browse the area around you using the Local feature.

1. In the search box, enter the place you're looking for. You can enter an address, a city, or a type of business or establishment—for example, "museums in San Francisco."
2. A search suggestion that appears as you enter in the search box, to search. Results appear as markers with letter labels on the map.
3. Touch a marker to open a balloon that contains a label with summary information about a location. Touch the balloon to open a screen with more information, as well as options for obtaining directions and more.

Getting Directions

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

1. While viewing a map, press the **Menu Key** and touch **Directions**.
2. Enter a start and end point and select the mode of transportation (car, public transit, or walking). If you have enabled My Location, it will appear as the Start point by default.
3. Touch **Get directions**. The route appears on the map. Touch  icon to see your route displayed in a list.
4. In the list view, press the **Menu Key** for options relevant to the directions you requested, such as reversing directions, routes that avoid highways or tolls, or to update the route.

Camera

Opening Camera and Taking Pictures or Videos

Open Camera

Press the **Home Key** and touch > **Camera** to open the camera.

NOTE:

You can switch from the camera to the camcorder quickly with the switch.

Take a Picture

1. Select the camera you want to use and adjust the quality, color effect, and other settings if you wish. Or leave them on automatic.
2. Aim the camera at the subject and then touch to take the shot.
   - Touch the thumbnail in the right corner of your Camera Screen to view the picture just captured.
   - Touch **Menu Key** > **Gallery** to view all of your pictures.

Shoot a Video

1. If necessary, drag to the camcorder position.
2. Select the camera you want to use and adjust the quality, color effect, and other settings if you wish. Or leave them on automatic.
3. Point the lens to frame the scene where you want to start.
4. Touch the start recording icon Camera starts shooting the video.
5. Touch the stop recording icon to stop shooting.
6. Touch the thumbnail on the right corner to view, share, and work with your videos in Gallery.

Configuring Camera Settings

Change Camera Settings

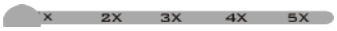
Open the Camera screen and touch the icon for the settings you want to change. The settings are different in camera mode and camcorder mode, so make sure the switch is in the correct position.

Camera Mode Settings

When in Camera mode, Camera settings are displayed on screen. Touch the settings icons to open a scrolling list of settings:

- Touch to set up exposure, picture size/quality, color effect, ISO, anti-banding, saturation, contrast,

sharpness, and restore default camera settings.

- Touch or to choose whether to save photo's geographic location.
- Touch to change white balance.
- Use the 

bar to zoom in or out.
- Touch to adjust the brightness.

Camcorder Mode Settings

Touch the settings icons to open a scrolling list of settings:

- Touch to adjust color effect, video quality, video/audio encoder, video duration, and restore default camera settings.
- Touch to change white balance setting.
- Touch **High**/**Low**/**MMS**/**(custom)** to use preset video quality and maximum length combination settings, or customize your own settings. Under preset settings, you cannot change video quality, video/audio encoder, and video duration.

Gallery

Open Gallery to view albums of your pictures and videos.

Opening Gallery and Viewing Your Albums

Touch the Gallery icon in the Launcher or on the Home screen to view pictures and videos on your microSD card and phone storage.

If you have a Picasa account associated with a Google account that you've added to your phone, and if you have configured it to sync with Picasa, Gallery also presents your Picasa web albums.

Working with Albums

Open an Album and View its Contents

Open Gallery and touch the album whose contents you want to view. Albums open displaying the pictures and videos they contain in a chronologically ordered grid. The name of the album is shown at the top of the screen. You can touch a picture or video to view or play it, as described in "Working With Pictures and Videos".

Share an Album

You can share the entire contents of one or more albums.

1. Open the main Gallery window and press the **Menu Key** twice.
2. Check or uncheck the albums you want to share.
3. Touch **Share** at the bottom of the screen and select the application to share the selected albums.

Delete an Album

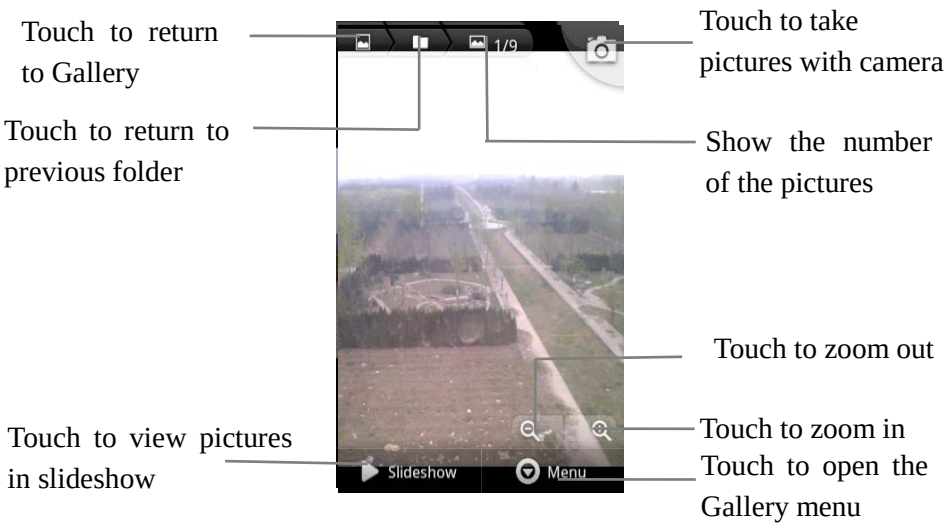
You can delete an album and its contents.

1. Open the main Gallery window.
2. Press the **Menu Key** twice.
3. Check or uncheck the albums you want to delete.
4. Touch **Delete** > **Confirm Delete**.

Working With Pictures and Videos

View and Browse Pictures

Open a Gallery album and touch a picture to view it in full screen, as shown below.



When the picture is zoomed to fit in the window, drag left or right to view the next or previous picture or video in the album.

Play Videos

Open a Gallery album and touch a video.
The video plays, with the orientation (portrait or landscape) you shot it in.
Touch the video to view the playback controls.

Delete a Picture or Video

1. While viewing an album, press the **Menu Key** twice.
2. Check the videos or pictures to delete.
3. Touch **Delete** > **Confirm Delete**.

Share a Picture or Video

1. While viewing an album, press the **Menu Key** twice.
2. Check the videos or pictures to share.
3. Touch **Share**.
4. Select the application to use to share the selected items.

Work with Batches of Pictures & Videos

In addition to working with whole albums and with individual pictures, you can select one or more pictures or videos in an album to work on them in batches—for example, to send a few pictures from an album to a friend.

1. Open the album and press the **Menu Key** twice.
2. Check or uncheck the items you want to work with. You can uncheck all items you've checked by touching **Deselect All** at the top right of the window.
3. Use the controls at the bottom of the screen to act on the checked items.

The controls available depend on the items you've selected.

Music

Copying Music Files to Your Phone

Music plays audio files that are stored on your phone's microSD card or phone storage, so before you open **Music**, you must copy audio files from your computer. See "Use the Phone as a USB Storage".

Working with Your Library

View Your Music Library

Touch the **Music** icon in the Launcher or on the Home screen.

Music searches for music files and builds a catalog of your music files, based on information that is stored in the file itself. This can take from a few seconds to several minutes, depending on the number of files.

When the catalog is completed, the Music library screen opens, with tabs that you can touch to view your music library organized by Artists, Albums, Songs, or Playlists.

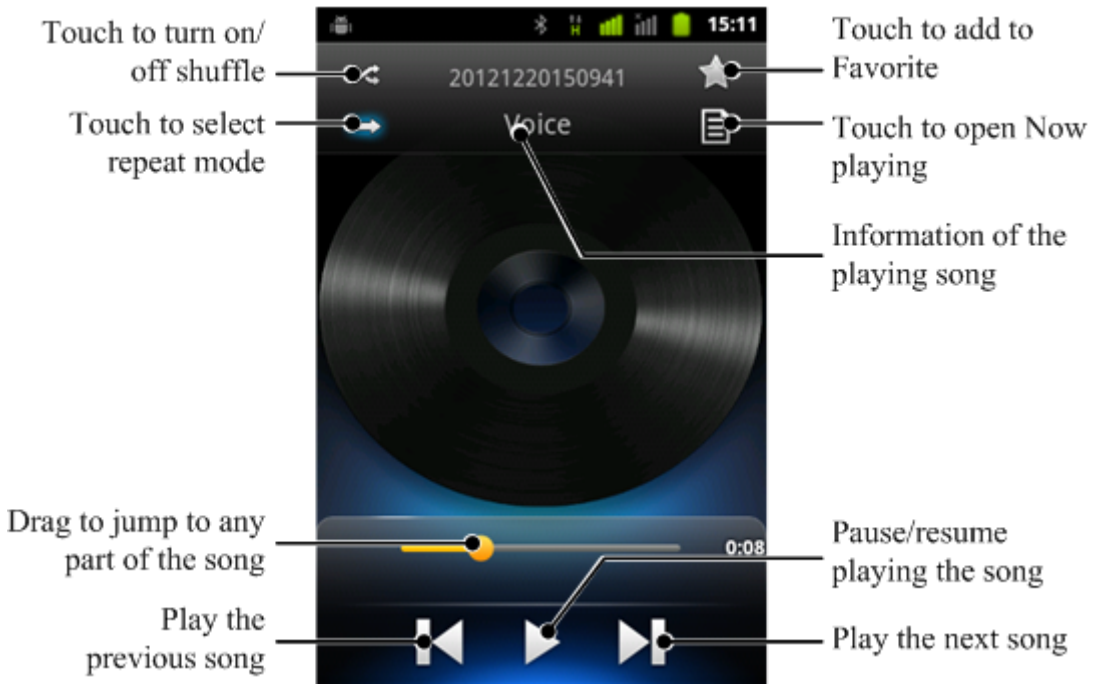
When a track is being played, a summary of the current track is displayed in the music library. Touch the summary to open the Playback screen. You can return to the Library screen by pressing the **Menu Key** and touching **Library**.

Delete a Song

Touch and hold a song in a library list. In the menu that opens, touch **Delete**.

Playing Music

1. Touch Artists/Albums/Songs/Playlists/Favorite to get the songs you want to play.
2. Touch a song from the list to start playing as the following Playback screen appears.



NOTES:

- Press the **Volume Keys** to adjust the volume.
- You can use a song as your phone ringtone: Touch and hold a song in a library list. In the menu that opens, touch **Use as phone ringtone**. Or in the playback screen, press the **Menu Key** and touch **Use as ringtone**.

Working with Playlists

Create a Playlist

You can create some playlists to organize your music files.

1. Touch and hold a song in a library list until a shortcut menu pops up.
2. Touch **Add to playlist > New**.
3. Enter the playlist name and touch **Save**.

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

Add a Song to a Playlist

1. Touch and hold the song until a shortcut menu pops up.
2. Select **Add to playlist**.
3. Select a playlist from the list.

Rearrange Songs in a Playlist

1. Open a playlist by touching it in the Playlist library. You can also open the currently playing playlist by touching the Playlist icon in the Playback window.
2. Drag a song up or down to change its order in the playlist.

Remove a Song from a Playlist

1. Open a playlist.
2. Touch and hold a song and then touch **Remove from playlist**.

The song isn’t deleted from your phone or other playlists; it’s removed only from the playlist you’re working with.

Rename or Delete a Playlist

1. Open the Playlist tab in the library.
2. Touch and hold a playlist. In the menu that opens, touch **Rename** or **Delete**. You can’t delete or rename the **Recently Added** playlist. No song is harmed by deleting a playlist.

FM Radio

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

Opening FM Radio

You need to insert a headset to your phone before opening the FM radio.

Touch  **> FM Radio** to open the FM radio.
After opening the FM radio, you will see the  icon in the status bar.

Working with FM Radio

1. Touch the **Menu Key > Scanning for all FM stations** to scan for all FM stations automatically.
2. Press the **Volume Keys** to adjust the volume.
3. Touch the **Menu Key > Sleep** to set the FM radio sleep timer.
4. Touch  to turn off the FM radio.

Sound Recorder

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

Recording a Voice Memo

1. Touch  in the Home Screen and select **Sound Recorder**.
2. Touch  to start recording.
3. Touch  to stop recording.
4. The recordings will be saved automatically. You can touch  to play the memo first.

Playing a Voice Memo

Play a Memo Just Recorded

Touch  at the bottom of the screen.

Play Any Saved Memo

1. Touch R**ecording list** to see all recordings.
2. Touch the title of a memo to play it.

NOTE: You can also touch and hold a memo to share or delete it.

News & Weather

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

Open News & Weather

Touch the News & Weather icon in the Launcher.

You can add multiple News & Weather widgets to your home screen, each configured to show just news, just weather, or both.

Get Details about the News and Weather

When you open News & Weather, you view a summary of the weather or headlines.

Touch a tab in the scrolling list of tabs at the top of the screen to view the weather or news by category.

Changing News & Weather Settings

You can configure a number of settings for News & Weather.

To open the News & Weather settings screen, press the **Menu Key** and touch **Settings**.

More Applications

Your phone also provide some other useful applications, which are all for your convenience.

Using Alarm

Add Alarms

1. Press the **Home Key** and touch > **Alarm**.

2. Touch the default alarm set to configure it or touch to create a new alarm.

3. Select the **Turn on alarm** check box and edit the items needed, such as Name, Time, and Repeat.

Use Bed Clock

Use the phone as a bed clock that displays the current time.

1. Press the **Home Key** and touch > **Alarm**.

2. If necessary, press the **Menu Key** and touch **Bed Clock Preferences** in the **Alarm** screen to set up 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 device.

3. Press the **Menu Key** in the **Alarm** screen and touch **Bed Clock** to use the bed clock.

Using Calculator

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

TIP:

Slide right or left on the screen or touch / to switch between basic and advanced panels.

Using Note Pad

Note pad is used to write text memos. Press the icon to add a note. Hold an existing note to edit it, delete it change its title or share it to your friends.

Using UIM / SIM Toolkit

SIM Toolkit appears on the screen only if your UIM / SIM card provides this function. To use the UIM / SIM card services, insert your SIM / UIM card into the phone first.

Press the **Home Key** and touch > **SIM / UIM Toolkit**.

Using Stopwatch

1. Press the **Home Key** and touch > **Stopwatch**.
2. Touch **Start** to start timing.
3. Touch **Pause** to pause time and tap **Resume** to continue.
4. Touch **Reset** to reset the stopwatch.

Using Task Manager

Touch in the Home Screen and select **Task Manager** to view or stop applications.

- Touch a task in the **Tasks** tab to switch to its screen, close it, or see its detail.
- Touch the **Applications** tab to manage all the apps on your device.
- Touch the **Resources** tab to view the real-time system resources information.

Play Store

Play Store allows you to buy and download applications, ebooks, and multimedia contents. Use **Play Books**, **Play Music**, **Play Movies & TV** to access purchased ebooks, music, movies, and TV programs.
NOTE: Some types of content may not be available in your region or with your carrier.

Open Play Store

Touch the Play Store icon in the Launcher or on the Home screen. When you open Play Store for the first time, you must read and accept the terms of service to continue.

Browse for Applications

You can browse applications by category and sort them in different ways.

1. On the Play Store home page, touch **Apps**.
2. Scroll to view subcategories and touch the one you want to explore.
3. Touch **Top paid**, **Top free**, or others to further sort the subcategory.

Search for Applications

1. Touch the Search icon at the top right of the screen or press the **Search Key**.
2. Enter what you want to search for and touch Search again. You can enter all or part of an application's name or description, or the developer's name.
3. Touch a search result to open that application's details screen.

Check Details about an Application

At any time while browsing Play Store, touch an application to see its details, including a description, ratings, and related information.
After you've installed the application, you can also rate, uninstall, and perform other actions on this screen.

Downloading and Installing Applications

1. Find an application you want and open its details screen.
2. Touch **Download** or the price.
   NOTE: Paid applications are not offered in all areas by all carriers.
3. If you agree to the application's permissions requirements, touch **Accept & download** or **Accept & buy**. Your app will start downloading immediately or once payment is successfully authorized.

If you have another Android device, you can download a paid application to that device using the same Android account, at no additional charge.

Managing Downloaded Applications

On the Play Store home page, press the **Menu Key** and touch **My Apps** to view the list of installed apps. You can touch one to rate it, uninstall it, request a refund, and so on.

TIP: Swipe left from the **INSTALLED** list to the **ALL** list, where you can view all the apps you downloaded previously on the device as well as other Android devices using the same Google account.

Settings

The Settings application contains most of the tools for customizing and configuring your phone.

Wireless & Networks

Airplane Mode

Check to turn off all the phone's radios that transmit voice or data.

Wi-Fi

Check **Wi-Fi** to turn on Wi-Fi so you can connect to Wi-Fi networks. When connected to a network, the network's name is displayed. See "Connecting to Wi-Fi Networks" for details.

Bluetooth

Check **Bluetooth** to turn on Bluetooth so you can connect to Bluetooth devices. See "Connecting to Bluetooth Devices" for details.

Tethering & Portable Hotspot

Share your data connection to other devices via USB or Wi-Fi. See "Sharing Your Data Connection" for details.

Touch **Help** to see information about USB tethering and portable Wi-Fi hotspots as well as information about where to learn more.

VPN Settings

Add and connect to virtual private networks. See "Connecting to Virtual Private Networks" for details.

Mobile Networks

Manage your mobile data connection and preferred network and operator. See "Connecting to Mobile Networks" for more details.

- **CDMA Network Settings**
  - **Network mode:** Select your preferred network mode.
  - **Access Point Names:** Select mobile access point configurations; or press the **Menu Key** to add a new APN. Consult your carrier about how to use the tools on this screen.
  - **System select:** Change the CDMA roaming mode, home only or automatic.
- **GSM Network Settings**

  Network operators: Search for and displays mobile networks that are compatible with your phone. Consult your carrier to understand the billing implications of selecting another carrier
- **Data enabled:** Uncheck to prevent your phone from transmitting data on any mobile network. This is useful if you want to avoid data charges. Unchecking this setting does not prevent your phone from transmitting data on other wireless networks, such as Wi-Fi or Bluetooth

- **Data roaming:** Uncheck to prevent your phone from transmitting data on other carriers' mobile networks when you can't access your own carrier's networks.
- **Enable always-on mobile data:** When this option is activated, your device will consume more power and generates more data traffic for automatic updates of applications data.

Call Settings

You can adjust the call settings of your phone. To open the call settings menu, press the **Menu Key** and touch **Settings** > **Call settings** from the Home Screen.

- **UIM Settings**
  - **Call forwarding:** Forward your incoming calls to a different number. And choose when to forward: **always forward**; **forward when busy**; **forward when unanswered**, or **forward when unreachable**.
  - **Call Waiting:** Enable or disable notify you of incoming call during a call.
  - **Plus Code Dialing Settings:** Set plus code dialing number.
- **SIM Settings**
  - **Fixed dialing numbers:** Restrict outgoing calls to a fixed set of numbers. To do this you must contact your service provider to get your SIM's PIN2 code.
  - **Call forwarding:** Forward your incoming calls to a different number. And choose when to forward: **always forward**; **forward when busy**; **forward when unanswered**, or **forward when unreachable**.
  - **Additional settings:** Choose whether people you call can see your number with **Caller ID**, or get new incoming call notification while you're on another call by enabling **Call waiting**.
- **Speed dial:** Set speed dialing keys and numbers.

Sound Settings

By pressing the **Home Key** > **Menu Key** and touching **Settings** > **Sound**, you can configure the sound settings, such as ringtones and notifications.

- **Silent mode:** Tick the check box to mute all sounds except media and alarms.
- **Vibrate:** Select the condition for vibration.
- **Volume:** Touch to adjust volume levels for ringtone, media, alarm, and notification.
- **Phone ringtone:** Select the default ringtone for incoming calls.
- **Notification ringtone:** Select the default ringtone for notifications.
- **Audible touch tones:** Tick the check box and the phone will play tones when you tap the dial pad.
- **Audible selection:** Tick the check box and the phone will play a sound when you touch the screen to make a selection.

- **Screen lock sounds:** Tick the check box and the phone will play a sound when you lock or unlock the screen.
- **Haptic feedback:** Tick the check box and the phone will vibrate when you press soft keys or on certain user interface interactions.
- **Emergency tone:** Select the behaviour when an emergency call is coming.

NOTE: To quickly switch to silent mode, hold and press the **Volume Down Key** until the icon appears on the screen.

Display Settings

By pressing the **Home Key** > **Menu Key** and touching **Settings** > **Display**, you can configure the display settings, such as orientation, animation, brightness, and screen timeout.

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

Location & Security Settings

Use the Location & Security settings to set your preferences for using and sharing your location when your search for information and use location-aware applications, such as Maps. You can also configure settings that help secure your phone and its data.

- **Use wireless networks:** Check and touch **Agree** to use information from Wi-Fi and mobile networks to determine your approximate location, for use in Maps, searches, and so on.
- **Use GPS satellites:** Check to use GPS satellites to pinpoint your location to within an accuracy as close as several meters. Actual GPS accuracy depends on a clear view of the sky and other factors.
- **Set up screen lock:** Touch to configure your phone to require a pattern, PIN, or password to unlock your screen. This setting is replaced with some of the other settings described in this section once you set a screen lock.
- **CDMA /GSM Lock Settings:** Configure the phone to require entering the SIM PIN to use the phone, or change the SIM PIN.
- **Visible passwords:** Check to briefly show each character of passwords as you enter them, so that you can see what you enter.
- **Select device administrators:** Show a list of applications you have authorized to be device administrators for your phone.
- **Use secure credentials:** Check to allow applications to access your phone's encrypted store of secure certificates and related passwords and other credentials. You use credential storage to establish some kinds of VPN and Wi-Fi connections, as described in "Connecting to Networks and Devices". If you have

not set a password for the credential storage, this setting is dimmed.

- **Install from SD card:** If your phone uses a removable microSD card to store user files, touch to install a secure certificate from the card.
- **Set password:** Set or change the password for your secure credential storage. Your password must have at least 8 characters.
- **Clear storage:** Delete all secure certificates and related credentials and erase the secure storage's own password, after prompting you to confirm that you want to do this.

Application Settings

- **Preferred install location:** Change the default new application installation location.
- **Manage applications:** Manage or remove installed applications.
- **Running services:** Check currently running services and stop them if needed.
- **Storage use:** View storage used by applications.
- **Battery use:** See what has been using the battery.
- **Development:** Set options for application development.
- **Unknown sources:** Tick the check box if you want to installed applications from sources other than the Google Play Store. Note that you may risk your phone and personal data by installing such applications.

Install an Non-Play-Store Application

Make sure that you select an application developed for your phone and processor type before installing it, and **Unknown sources** is checked in Application settings.

1. Press the **Home Key** and touch > **my Files**, and open the folder where the application you want to install is.
2. Touch the application to start installation.
3. Read the installation instructions that come with the application and follow it to complete the setup.

Remove an Application

1. Press the **Home Key** and touch > **Settings** > **Applications** > **Manage applications**.
2. Touch the application you want to remove.
3. Touch **Uninstall**, and touch **OK** to confirm.

Accounts & Sync Settings

Accounts & Sync Settings Screen

- **Background data:** Check to permit applications to synchronize data in the background, whether or not you are actively working in them. Unchecking this setting can save battery power and lowers (but does

not eliminate) data use.

- **Auto-sync:** Check to permit applications to synchronize data on their own schedule. If you uncheck this setting, you must touch an account in the list on this screen, press the **Menu Key**, and touch **Sync now** to synchronize data for that account. Synchronizing data automatically is disabled if **Background data** is unchecked.
- **Manage accounts:** The rest of this screen lists the Google accounts and other accounts you've added to the phone. Adding accounts is described in "Accounts".

Account Screen

Touch an account in the Accounts & sync settings screen, its account screen opens.
This screen contains different options, depending on the kind of account.
For Google accounts, it lists the kinds of data you can synchronize to the phone, with checkboxes so you can turn synchronizing on and off for each kind. You can also press the **Menu Key** and touch **Sync now** to synchronize data. Touch the **Remove account** button to remove the account along with all its data (contacts, mail, settings, and so on). You can't remove the first Google Account you added to your phone except by resetting your phone to the factory defaults and erasing all of your user data.

Privacy Settings

Use the Privacy settings to manage your personal information.

Back up My Data

If you check this option, a wide variety of you personal data is backed up, including your Wi-Fi passwords, Browser bookmarks, a list of the applications you've installed, the words you've added to the dictionary used by the onscreen keyboard, and most of the settings that you configure with the Settings application. Some third-party applications may also take advantage of this feature, so you can restore your data if you reinstall an application or sign in with the Google account on a new Android device. If you uncheck this option, you stop backing up your data to your account, and any existing backups are deleted from Google servers.

Automatic Restore

Check this option to restore your settings and other data when you install an application, if you installed and used it previously on this phone or on another phone, where you signed in with the same Google account and were backing up your settings.

Factory Data Reset

Opens a dialog where you can erase all of your personal data from internal phone storage, including information about your Google account, any other accounts, your system and application settings, and any downloaded applications. If you reset the phone in this way, the next time you turn on your phone you're prompted to reenter the same kind of information as when you first started your Android phone.

Storage Settings

Use the Storage settings to monitor the used and available space on your phone's internal storage and on your phone's microSD card.

- **SD card:** Check the amount of space on your phone's microSD card and the amount you have used to store photos, videos, music, downloads, and other files.

- **Unmount SD card:** Unmounts the SD card from your phone so that you can safely remove it when the phone is on.
- **Erase SD card:** Permanently erases everything on your phone's microSD card and prepares it for use with your phone.
- **Internal storage:** Check the amount of available internal phone storage.

Language & Keyboard Settings

- **Selecting language:** Select a language from the list for your screen display and text input.
- **Keyboard Settings:** Configure keyboard input settings (such as language and keyboard layout) for every input method.

Voice Input & Output Settings

Voice Recognizer Settings

- **Language:** Set the language you use when entering text by speaking.
- **SafeSearch:** Set whether you want Google SafeSearch filtering to block some results when you use Google search by voice: Block no search results (off), only explicit or offensive images (moderate), or both explicit or offensive text and images (strict).
- **Block offensive words:** When unchecked, Google voice recognition will recognize and transcribe words many people consider offensive, when you enter text by speaking. When checked, Google voice recognition reLocal those words in transcriptions with a placeholder comprised of asterisks (*).

Text to Speech Settings

If you don't have speech synthesizer data installed, only the **Install voice data** setting is available.

- **Listen to an example:** Play a brief sample of the speech synthesizer, using your current settings.
- **Always use my settings:** Check to use the settings on this screen in place of speech synthesizer settings available in other applications.
- **Default Engine:** Set the speech synthesizer you want to use, if you have more than one installed.
- **Install voice data:** If your phone does not have speech synthesizer installed, touch to connect to the synthesizer's Play Store page where you can download and install it.
- **Speech rate:** Select how quickly you want the synthesizer to speak.
- **Language:** Select the language of the text you want the synthesizer to read. This is particularly useful in combination with the **Always use my settings** option, to ensure that text is spoken correctly in a variety of applications.
- **Engines:** See the text-to-speech engines installed on your phone. Touch one to view or change its settings.

Accessibility Settings

You use the Accessibility settings to configure any accessibility plug-ins you have installed on your phone.

Date & Time Settings

Use Date & time settings to set your preferences for how dates and time are displayed. You can also use these

settings to set your own date, time and time zone, rather than obtaining the current time from the mobile network.

About Phone

About Phone includes information about your phone.

- **System updates:** Update your system from the update package copied to your microSD card.
- **Status:** See a list of information about your battery, mobile network connection, and other details.
- **Battery use:** See a list of applications and system components you have used since you last charged the phone, sorted by the amount of power they have used.
- **Legal information:** See open source licenses and Google legal documents.

Upgrading the Phone Software

There are several ways to upgrade your phone software:

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

NOTE: Visit ZTE official handset service support website (http://wwwen.zte.com.cn/endata/mobile) and click your country or region to learn more about the above upgrade methods, as well as which phones and methods are supported.

Troubleshooting

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

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

Problem	Possible causes	Possible solution
	If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.
Cannot switch your phone on	Battery power has been depleted.	Recharge the phone's battery.
(U)SIM card error	(U)SIM card malfunction or damage.	Take the (U)SIM card to your service provider for testing.
	(U)SIM card inserted improperly.	Insert the (U)SIM card properly.
	Debris on the (U)SIM card contacts.	Use a soft, dry cloth to clean the (U)SIM card contacts.
Unable to connect to the network	(U)SIM card invalid.	Contact your service provider.
	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
You cannot make outgoing calls.	You have activated the **Fixed dial numbers** feature.	Go to **Settings** > **Call Settings** > **SIM Settings** > **Fixed Dialing Numbers** and disable it.
PIN Code blocked	You have entered an incorrect PIN code three consecutive times.	Contact your service provider. If the service provider provides the (U)SIM card's PUK code, use the PUK code to unlock the (U)SIM card.
Unable to enter information into the phone book	The phone book's memory is already full.	Delete unnecessary data from the contacts.
Phone crashes, reboots, freeze, or cannot be powered on	Some third-party software is not compatible with your phone.	Reset the phone to factory status.
		Enter safety mode and uninstall the software that may cause the problem.
		Upgrade the phone software.
Emergency Number	Unable to call emergency Number.	Please ensure that SIM Card is inserted with in handsets.

Legal & Safety Information

Legal Notice

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Safety Information

	Read the Safety Information section of this user guide on this page		Do not use while re-fuelling
	Do not use hand-held while driving		This device may produce a bright or flashing light
	For body-worn operation maintain a separation of 15 mm		Do not dispose of it in a fire
	Small parts may cause a choking hazard		Avoid contact with magnetic media
	This device may produce a loud sound		Avoid Extreme Temperatures
	Keep away from pacemakers and other personal medical devices		Avoid any contact with liquid, keep it dry
	Switch off when instructed in hospitals and medical facilities		Do not attempt to disassemble
	Switch off when instructed in aircrafts and airports		Do not rely on this device for emergency communications
	Switch off in explosive environments		Only use approved accessories

RF Exposure

General Statement on RF Energy

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

Specific Absorption Rate (SAR)

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

The guidelines use a unit of measurement known as Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.356 W/kg*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide**.

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

* The tests are carried out in accordance with EN50360, EN 62209-1, IEC 62209-2.

** Please see body-worn operation.

Body-Worn Operation

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

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

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

Limiting Exposure to Radio Frequency (RF) Fields

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

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

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

Regulatory Information

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

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

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 must do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum - [5] and maximum + [50] degrees Celsius.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break when you sit down.

Small Children

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

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

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

Demagnetization

To avoid the risk of demagnetization, do not allow electronic devices or magnetic media close to your phone

for a long time.

Electrostatic Discharge (ESD)

Do not touch the SIM card’s metal connectors.

Air Bags

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

Store the phone safely before driving your vehicle.

Seizures/ Blackouts

The phone can produce a bright or flashing light.

Repetitive Motion Injuries

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

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Use the special features which are designed to minimize the times of pressing buttons, such as Message Templates and Predictive Text.
- Take lots of breaks to stretch and relax.

Emergency Calls

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

Loud Noise

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

Phone Heating

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

Electrical Safety

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

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

Connection to a Car

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

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessory.

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

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

Interference

General Statement on Interface

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

Pacemakers

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

Hearing Aids

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

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

Medical Devices

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

Hospitals

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

Aircraft

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

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

Interference in Cars

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

Explosive Environments

Petrol Stations and Explosive Atmospheres

In locations with potentially explosive atmospheres, obey all posted signs to turn off wireless devices such as your phone or other radio equipment.

Areas with potentially explosive atmospheres include fuelling areas, below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting Caps and Areas

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