

AT&T Fusion[®] 3

User Guide



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Legal Notice

Foreword

Thank you for choosing the AT&T Fusion® 3 smartphone!

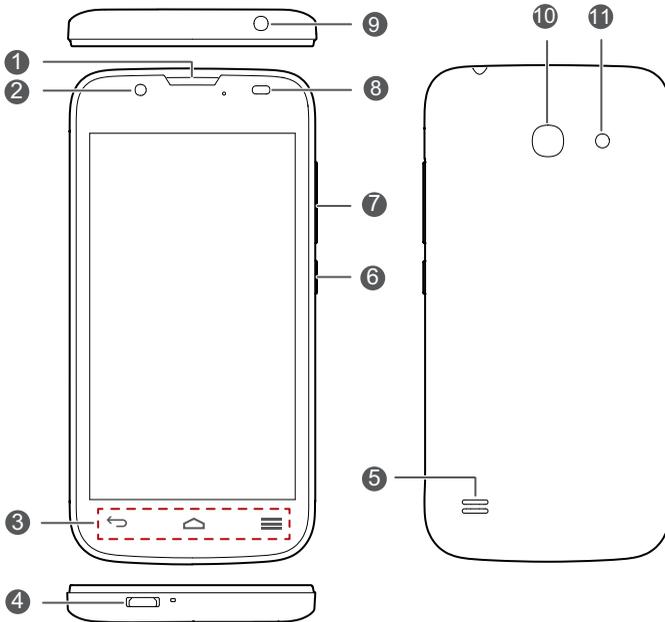
This guide introduces you to the features and functions of your new phone. Also included are safety precautions you should be aware of, so please read this guide first before you begin using your new phone.

Symbols and definitions

	Note	Highlights important information and tips, and provides additional information.
	Caution	Indicates potential problems that may arise, such as device damage or data loss, if the proper care or attention is not given.
	Warning	Indicates a potentially hazardous situation which, if not avoided, could result in serious injury.

Getting started

Your phone at a glance



1	Earpiece	2	Front camera
3	Keys	4	Micro-USB port
5	Speaker	6	Power button
7	Volume button	8	Proximity sensor
9	Headset jack	10	Rear camera
11	Flash		

- i** Do not block the area around the ambient light and proximity sensor. When you attach a protective film to the screen, make sure it does not block the sensor.

Buttons

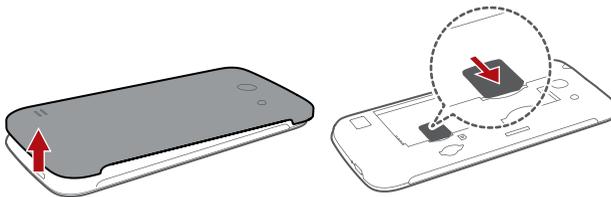
↶	Return	<ul style="list-style-type: none"> • Touch to return to the previous screen or exit the current application. • When you are entering text, touch to hide the onscreen keyboard.
🏠	Home	Touch to return to the home screen.
☰	Menu	<ul style="list-style-type: none"> • Touch to display an option menu. • Touch and hold to display the list of recently used applications.

Inserting the micro-SIM card

-  • Your phone supports only standard micro-SIM cards. Do not use any other sizes as they may damage your phone. To replace or purchase a micro-SIM card, contact your service provider.



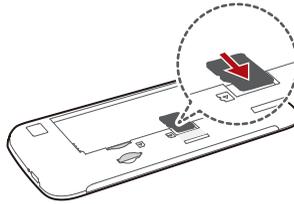
- The dimensions of a standard micro-SIM card are 15 mm x 12 mm x 0.76 mm (0.59 in. x 0.47 in. x 0.03 in.).



1. Remove the battery cover.
2. Insert the SIM card.

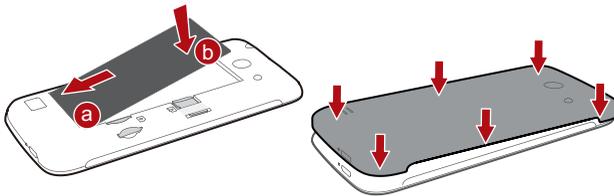
Inserting a microSD card

You can expand your phone's storage capacity with a microSD card.



1. Open the battery cover.
2. Take out the battery.
3. Install the microSD card.

Installing the Battery

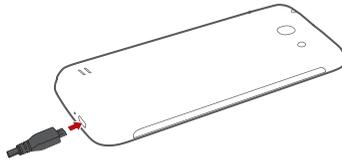


1. Angle the edge labeled **a** (with the contacts) into the bottom end of the battery compartment.
2. Push the edge labeled **b** into the compartment until the battery clicks firmly into place.

Charging the battery

You can charge the phone in either of the following ways:

- Use the provided USB cable and power adapter to connect your phone to a power socket.
- Use a USB cable to connect your phone to a computer, and touch **Charge only** on the **USB connection methods** screen.



Battery indicator

Your phone's battery level is shown on the status indicator.

- Blinking red: The battery level is lower than 10%.
- Steady red (when charging): The battery level is lower than 10%.
- Steady yellow (when charging): The battery level is higher than 10%.
- Steady green (when charging): The battery is almost or already full.

Important information about the battery

- Rechargeable batteries have a limited lifecycle and may eventually need to be replaced. If you notice significantly reduced battery life, replace the battery.
- If your phone has been running for long periods of time, especially in hot environments, heat may be pushed to the surface of the phone. If your phone is overheating, cease using it immediately and unplug it from any power source to let it cool down. Do not hold on to the phone for too long to avoid burn injuries.
- Use the original battery, power adapter, and USB cable to charge your phone. Using third-party accessories may reduce your phone's performance or pose security risks. Do not operate your phone or cover it with any object while it is charging. Do not cover the power adapter either.
- The time required to fully charge the battery depends on the ambient temperature and age of the battery.
- If your phone is low on power, it plays an alert tone and displays a message. If the battery level is extremely low, your phone automatically powers off.

- If the battery power is depleted, you may not be able to power on your phone immediately after you begin charging the battery. This is normal. Allow the battery to charge for a few minutes before attempting to power on your phone.

Powering on or off your phone

- To power on your phone, press and hold the power button.
- To power off your phone, press and hold the power button to display an option menu, and then touch **Power off > OK**.

Locking and unlocking the screen

Locking the screen not only prevents mistaken operations from occurring without your knowledge, but also protects your phone from unauthorized use. You can lock and unlock your screen in different ways. The pre-installed screen unlock method is used as an example in this section.

Locking the screen

- Method 1: Press the power button to manually lock the screen.
- Method 2: After being idle for a specified period of time, your phone automatically locks its screen.



To set the screen lock method, touch  >  on the home screen. On the displayed **General** tab, touch **Screen lock**.

Unlocking the screen

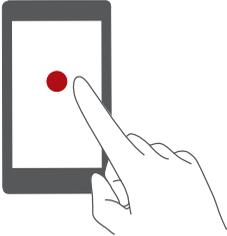
If the screen is off, press the power button to turn it on. Slide your finger toward any direction to unlock the screen.



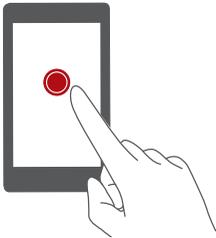
Flick up from the bottom of the lock screen to access the quick operation panel for one-touch optimization or to open commonly used applications, such as Calculator.



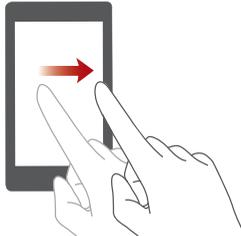
Touchscreen gestures



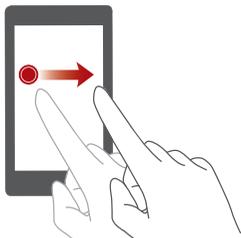
Touch: Tap an item once. For example touch an application to select or open it.



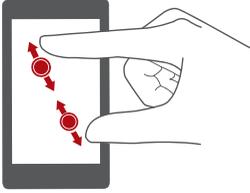
Touch and hold: Touch and leave your finger on the screen for 2 seconds or more. For example, touch and hold a blank area on the home screen to display an option menu.



Flick: Move your finger vertically or horizontally across the screen. You can flick left or right across the notification panel to dismiss a notification. Flick vertically or horizontally to go to other home screens, scroll through a document, and more.



Drag: Touch and hold an item and then move it to another position. You can rearrange applications and widgets on the home screen this way.



Spread apart and pinch together: Spread two fingers apart to zoom in, and pinch them together to zoom out on a map, web page, or picture.

Getting to know your home screen

Your home screens are where you'll find all of your favorite widgets and applications. The default home screen is shown below.



-
- 1 Status bar: displays notifications and status icons. Flick down from the status bar to open the notification panel.

 - 2 Display area: displays application icons, folders, and widgets.

 - 3 Screen position indicator: shows the current screen's position.

 - 4 Dock: displays frequently used applications.

Switching between home screens

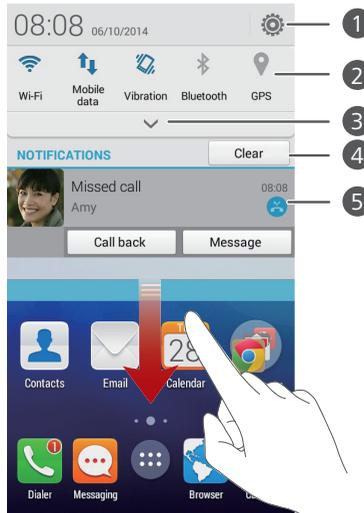
Running out of space on the home screen? Not to worry. You have multiple home screens for all your applications and widgets.

Flick left and right across the screen to switch between the home screens.



Using the notification panel

Flick down from the status bar to open the notification panel.



1

Touch  to display the settings screen.

-
- 2 Touch the shortcut switches on the notification panel to turn on or turn off the functions.
-
- 3 Touch  to display the shortcut switches and touch  in the upper right corner to edit it.
-
- 4 Touch **Clear** to dismiss all notifications.
-
- 5 Touch an application to view it and flick left or right across a notification to dismiss it.
-

Taking a screenshot

Want to share an interesting scene in a movie or show off your new high score in a game? Take a screenshot and share away.

Press the power and volume down buttons simultaneously to take a screenshot. Then, open the notification panel and touch **Share** to share the screenshot. By default, screenshots are saved to the **Screenshots** folder in **Gallery**.

 You can also flick down from the status bar to open the notification panel and touch  > .

Auto-rotate screen

Your phone is built with a tilt sensor. If you rotate your phone when browsing a web page or viewing a photo, your screen automatically changes between landscape and portrait view. You'll also be able to enjoy tilt sensor-based applications, such as racing games.

To enable or disable the auto-rotate screen function, flick down from the status bar to open the notification panel, and touch  > .

Importing contacts from your previous phone

You can import contacts from your previous phone in any of the following ways:

SIM card	Copy your contacts on your SIM card to your new phone. For details, see “Importing contacts from a SIM card” .
Storage device	Export contacts in your previous phone as a .vcf file to a microSD card, and then import the contacts to your new phone. For details, see “Importing contacts from a storage device” .
Bluetooth	Turn on Bluetooth on both your old and new phones, and import your contacts using Bluetooth. For details, see “Importing contacts from a Bluetooth device” .
Backup	If your previous phone supports Backup, back up your contacts, and restore them to your new phone. For details, see “Backup and restoration” .
Other accounts	<ul style="list-style-type: none"> • Install SNS applications and synchronize contacts from your SNS accounts. • Log in to your Exchange account and synchronize your contacts.

Connecting your phone to a computer

Use a USB cable to connect your phone to a computer, and follow the onscreen instructions to select a connection mode to transfer photos, videos, songs, and other files between your phone and computer.

Media device (MTP)	Read, manage, and transfer files in your phone storage and microSD card. For details, see “MTP mode” .
USB flash drive	Use your phone as a USB storage device, read data from its microSD card, and transfer data to and from a computer. For details, see “USB flash drive mode” .

Turning on your mobile network

On the home screen, flick down from the status bar to open the notification panel. Touch  to turn on your phone's mobile network.

-  When you don't need to access the Internet, turn off your mobile network to save battery power and reduce mobile data usage.

Connecting to a Wi-Fi network

1. On the home screen, flick down from the status bar to open the notification panel.
2. Touch  to turn on Wi-Fi. Your phone then scans for available Wi-Fi networks and displays them.
3. Touch the Wi-Fi network you want to connect to. For an encrypted Wi-Fi network, enter the password when prompted.

Basic features

Status icons

	Signal strength		No signal
	No service		Enhanced Data Rates for GSM Evolution (EDGE) network connected
	3G network connected		Long Term Evolution (LTE) network connected
	Roaming		Airplane mode enabled
	Bluetooth on		Receiving location data from GPS
	Vibration mode enabled		Silence mode enabled
	Alarms enabled		Charging
	Battery full		Battery low
	Call in progress		Missed calls
	New messages		New emails
	New voicemails		Select input method
	Wi-Fi network available		Connected to a Wi-Fi network
	Uploading data		Downloading data
	Phone memory full		Upcoming events
	No SIM card found		Login or synchronization problem
	Synchronizing data		Synchronization failed

	Portable Wi-Fi hotspot on		More notifications
	Connected to a VPN		Headset plugged in
	USB debugging mode enabled		USB tethering on

Organizing applications and widgets on the home screen

Adding a widget to the home screen

1. On the home screen, touch and hold a blank area and touch **WIDGETS**.
2. Drag a widget to the home screen.

 If the home screen doesn't have enough space, your phone will automatically create a new home screen to the right of the original and place the widget on the new home screen. You can have nine home screens at most.

Moving an application or widget

On the home screen, touch and hold an application or widget. You can then drag an application or widget to any fitting empty space.

Deleting an application or widget

On the home screen, touch and hold the application or widget you want to delete until **Remove** is displayed. Drag the unwanted application or widget to **Remove** to delete it.

Organizing home screen icons using folders

1. On the home screen, drag an application onto another one to create a folder containing both of them.
2. Touch the folder to open it. You can then:
 - Touch the folder name to rename it.

- Drag an icon out from the folder to remove the icon.

 A folder must contain at least two items; otherwise, the folder will automatically disappear.

Accessing applications

Application overview

Your phone comes with the following applications:



Dialer: Make and answer calls. Your phone supports smart dialing and dialing from your contacts list or call log.



Contacts: Manage phone numbers, email addresses, and other contact details. You can import contacts from your previous phone.



Messaging: Send or receive text messages and multimedia messages.



Browser: Browse web pages and manage your bookmarks.



Email: Send or receive emails, and synchronize email accounts.



Camera: Take photos or shoot videos.



Gallery: Browse, manage, or edit photos.



File Manager: Manage files and applications on your phone.



Phone Manager: Run security scans of your phone, filter harassment calls and messages, set application access permissions, and optimize the system.



Backup: Back up your phone data to prevent data loss.



Calendar: Manage your personal and work lives on schedule and create event reminders.



Clock: Add alarms, view world times, and use timers and stopwatches.



Calculator: Make basic algorithmic calculations in both basic and scientific calculator modes.



Notes: Record your thoughts and other useful information.



FM Radio: Listen to the FM radio.



Settings: Configure your phone settings.



Preinstalled applications may vary by country/region and service provider.

Starting applications and switching between them

On the home screen, touch an application icon to open it.

To switch to another application, touch  to return to the home screen, and touch the icon of the application you want to open.

Viewing recently used applications

Touch and hold  to display the list of recently used applications. You can then:

- Touch an application to start it.
- Flick left or right across an application or touch  on its right upper corner to dismiss it.
- Touch  to clear the list.

Texting

Your phone comes with multiple text input methods. You can quickly enter text using the onscreen keyboard.

- Touch a text box to bring up the onscreen keyboard.
- To hide the onscreen keyboard, touch ↵.

Selecting an input method

1. On the text input screen, flick down from the status bar to open the notification panel.
2. Touch  to select an input method.

 To change your phone's default input method, touch  >  on the home screen. Under **All**, touch **Language & input** > **Default** to select an input method.

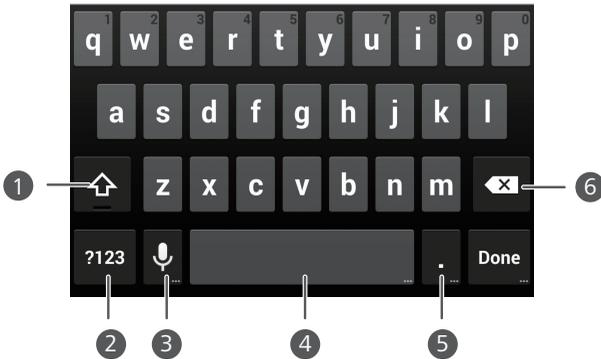
Huawei Swype input method



-
- 1 Slide across letters to enter a word, such as "bay".
-
- 2 Touch  to switch between lowercase letters, uppercase letters, and caps lock.
-
- 3 Touch and hold  to go to the settings screen.
-

-
- 4 Touch  to enter numbers and symbols.
-
- Touch  to enter a space.
- 5
- Touch and hold  to choose another language.
-
- 6 Touch  to use voice input.
-
- Touch  to delete the character to the left of the cursor.
- 7
- Touch and hold  to quickly delete multiple characters to the left of the cursor.
-

Android input method

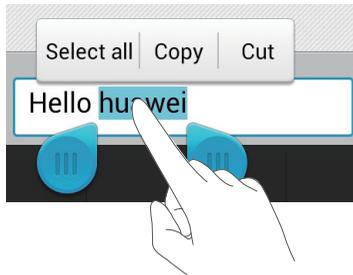


-
- Touch  to switch between lowercase and uppercase letters.
- 1
- Touch and hold or quickly touch  twice to turn on caps lock.
-
- 2 Touch  to enter numbers and symbols.
-
- Touch  to use voice input.
- 3
- Touch and hold  to open the **Input options** option menu.
-
- Touch  to enter a space.
- 4
- Touch and hold  to choose another input method.
-

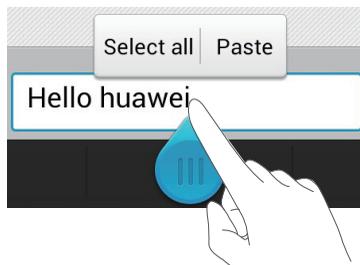
-
- 5 • Touch  to enter a period.
 - Touch and hold  to enter symbols.
-
- Touch  to delete the character to the left of the cursor.
- 6 • Touch and hold  to quickly delete multiple characters to the left of the cursor.
-

Editing text

Discover how to select, cut, copy, and paste text on your phone.



- **Select text:** Touch and hold the text to bring up . Then drag  and  to select more or less text, or touch **Select all** to select all text in a text box.
- **Copy text:** Select text and touch **Copy**.
- **Cut text:** Select text and touch **Cut**.
- **Paste text:** Touch where you want to insert the text, drag  to move the insertion point, and touch **Paste** to paste the text you copied or cut.



Configuring an input method

1. On the home screen, touch  > .
2. Under **All**, touch **Language & input**.
3. Under **KEYBOARD & INPUT METHODS**, touch an input method to configure it.

Personalizing your phone

Changing the wallpaper

1. On the home screen, touch and hold a blank area and touch **WALLPAPERS**.
2. On the **Wallpapers** screen, you can:
 - Touch **Lock screen wallpaper** to set the wallpaper displayed on the phone lock screen.
 - Touch **Home screen wallpaper** to set the home screen wallpaper.
 - Touch **Random change** to have the home screen wallpaper change randomly at preset intervals.

Setting tones

1. On the home screen, touch  > .
2. Under **All**, touch **Sound**.
3. Touch **Phone ringtone**, and choose either of the following tabs:
 - **Ringtone**: Choose from the default selection.
 - **Music**: Choose from the audio files you have saved to your phone.
4. Touch **APPLY**.

Changing the lock screen style

Face unlock

1. On the home screen, touch  > .
2. Under **All**, touch **Security**.
3. Touch **Screen lock** > **Face Unlock**.

4. Follow the onscreen instructions to complete setting up face unlock as your primary unlock method.
5. Set a secondary unlock method in the event that your face can't be recognized.

To turn off face unlock, touch  >  on the home screen. Under **All**, touch **Security** > **Screen lock**. Use the secondary unlock method to enter the **Select screen lock** screen, and select another unlock method.

Setting a screen unlock pattern

1. On the home screen, touch  > .
2. Under **All**, touch **Security**.
3. Touch **Screen lock** > **Pattern**.
4. Connect at least four dots to draw a pattern, then draw the pattern again for confirmation.
5. Set a backup PIN as an alternative method to unlock your phone should you forget your unlock pattern.

Setting a screen unlock PIN

1. On the home screen, touch  > .
2. Under **All**, touch **Security**.
3. Touch **Screen lock** > **PIN**.
4. Enter at least four digits, then enter them again for confirmation.

Setting a screen unlock password

1. On the home screen, touch  > .
2. Under **All**, touch **Security**.
3. Touch **Screen lock** > **Password**.
4. Enter at least four characters and enter them once again for confirmation.

Shortcut switches on the notification panel

You can quickly turn on or turn off Wi-Fi, mobile network, Bluetooth, and other functions by touching their corresponding shortcut switches on the notification panel. You can also rearrange your shortcut switches.

1. Flick down from the status bar to open the notification panel.
2. Touch  to display the shortcut switches.
3. Touch  in the upper right corner to access the **Custom shortcuts** screen.
4. Drag a shortcut switch to a new position in the list.

Changing the font size

1. On the home screen, touch  > .
2. Under **All**, touch **Display**.
3. Touch **Font size** and select a font size.

Calls

Making a call

Smart dialing

You can make a call by entering the phone number on the dialer or use smart dialing that lets you quickly find contacts by entering parts of their names or numbers.

1. On the home screen, touch .
2. Enter the initials or first few letters of a contact's name, or part of the contact's phone number. Matching contacts in your phone and phone numbers in your call log are then displayed in a list.
3. From the list, select the contact you want to call.
4. To end the call, touch .

Making a call from Contacts

1. On the home screen, touch .
2. From the contact list, select the contact you want to call.
3. Touch .

Making a call from the call log

1. On the home screen, touch .
2. From the call log, touch the contact name or phone number you want to call.

Speed-dialing

1. On the home screen, touch .
2. Touch  > **Speed dial settings**.

3. Touch  to choose a contact from the list and assign a number key to the contact.
4. On the dialer, touch and hold the number key assigned to a contact to quickly call the contact.

 The number key **1** is the default key for voicemail. It can't be set as a speed-dial number.

Making an international call

1. On the home screen, touch .
2. On the dialer, touch and hold **0** to enter **+**.
3. Enter the country or region code, area code, and phone number in order.
4. Touch .

Making an emergency call

In the event of an emergency, you will still be able to make emergency calls without the use of a SIM card. However, you must still be under the coverage area.

1. On the home screen, touch .
2. Enter your local emergency number and touch .

 Emergency calls are subject to cellular network quality, use environment, service provider policies, and local laws and regulations. Never rely solely on your phone for critical communications when emergencies occur.

Answering or rejecting a call

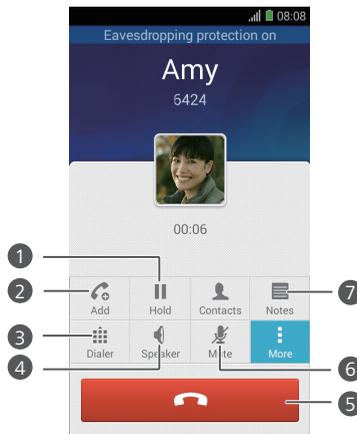
 When a call comes in, you can press the volume button to mute the ringtone.



- Drag  right to answer the call.
- Drag  left to reject the call.
- Drag  up to reject the call and send the caller a message.

 On the dialer screen, touch  > **Call settings** > **Reject calls with SMS** to edit the message that will be sent.

What you can do during a call



1

Touch  >  to place the current call on hold, and touch  again to resume the call.

2 Touch  >  to start a three-way call. Before you use three-way calling, make sure you have subscribed to this service. For details, contact your service provider.

3 Touch  to display the dialer.

4 Touch  to use the speakerphone.

5 Touch  to end the call.

6 Touch  to mute or unmute the microphone.

7 Touch  >  to write a note.

 To return to the call screen, flick down from the status bar to open the notification panel, and touch **ONGOING**.

Answering a third-party call

Before you answer a third-party call, make sure you have enabled call waiting.

1. If a call comes in when you are already in another call, drag  right to answer the new call and place the first call on hold.
2. To switch between the two calls, touch  > .

Making a conference call

Making conference calls with your friends, family, and co-workers is easy with your phone.

 Before you make conference calls, make sure that you have subscribed to this service. For details, contact your service provider.

1. Call the first participant.
2. When the call is connected, touch  >  to call the second participant. The first participant will be placed on hold.
3. When the second call is connected, touch  to start a conference call.

4. To add more people to the call, repeat steps 2 and 3.
5. Touch  to end the call.

Using the call log

The call log records your called, answered, and missed calls.

Adding a contact from the call log

1. On the home screen, touch .
2. From the call log, select the number you want to add as a contact, and touch .
3. Touch **Create new contact** or **Save to existing contact**.

 You can also touch and hold the number you want to add, and touch **Create new contact** or **Save to existing contact**.

Deleting call records

1. On the home screen, touch .
2. Under **Dialer**, you can:
 - Touch and hold a contact name or phone number, and touch **Delete entry** to delete the call record.
 - Touch  > **Delete call log** to delete multiple records simultaneously.

Call settings

Enabling call forwarding

Too busy to answer all your calls with one phone? Forward them to another number so you don't miss an important call again.

1. On the home screen, touch .
2. Touch  > **Call settings**.

3. Touch **Call forwarding**.
4. Select a forwarding mode.
5. Enter the phone number to which you want to forward calls, and touch **Enable**.

Enabling call waiting

The call waiting function lets you answer another incoming call when you are already in a call and switch between the two calls.

1. On the home screen, touch .
2. Touch  > **Call settings**.
3. Touch **Additional settings**.
4. Select the **Call waiting** check box.

Setting up your voicemail

Voicemail is your personal storage for missed call messages. Calls missed when you are in another call or when your phone is powered off will be automatically redirected to your voicemail.

-  Before you use voicemail, make sure you have subscribed to the voicemail service and obtained your voicemail number. For details, contact your service provider. You must also enable call forwarding and set incoming calls to be forwarded to your voicemail.

1. On the home screen, touch .
2. Touch  > **Call settings**.
3. Touch **Voicemail** > **Voicemail settings** > **Voicemail number**.
4. Enter your voicemail number, and touch **OK**.

To listen to your voicemail messages, touch and hold the **1** key on the dialer and follow the voice instructions.

Contacts

Creating a contact

1. On the home screen, touch .
2. Touch .
3. Choose the save location for the contact.
4. Enter the contact name, phone number, and other details.
5. Touch **SAVE**.

Importing or exporting contacts

Your phone supports contact files in .vcf format only. This is the standard format for files storing contacts. Contact names, addresses, phone numbers, and other information can be saved in .vcf files.

Importing contacts from a storage device

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Import from storage**.
3. Choose where you want to save the imported contacts.
4. Select one or more .vcf files, and touch **OK**.

Importing contacts from a SIM card

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Import from SIM card**.
3. Choose where you want to save the imported contacts.
4. Touch the contacts you want to import or touch **All** to select all contacts, and then touch **IMPORT**.

Importing contacts from a Bluetooth device

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Import from another phone**.
3. Select **Supports Bluetooth**, and touch **NEXT>NEXT**. The phone then turns on Bluetooth and scans for other Bluetooth devices in range.
4. Touch the Bluetooth device from which you want to import contacts.
5. Choose where you want to save the imported contacts, your phone automatically imports the .vcf file from the other device.

Importing contacts using Wi-Fi Direct

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Import via Wi-Fi Direct**. The phone then prompts you to turn on Wi-Fi and scans for Wi-Fi Direct devices in range.
3. Touch the Wi-Fi Direct device from which you want to import contacts.
4. Choose where you want to save the imported contacts, your phone automatically imports the .vcf file from the other device.

Exporting contacts to a storage device

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Export to storage**.
3. Touch **Export**.
4. Choose from where you want to export the contacts and touch **OK**.

To view the .vcf file you just exported, open **File Manager**. By default, the file is saved to the root directory of your phone's internal storage.

Exporting contacts to a SIM card

1. On the home screen, touch .
2. Touch  > **Import/Export** > **Export to SIM card**.

3. Choose from where you want to export the contacts.
4. Touch the contacts you want to export or touch **All** to select all contacts, and then touch **EXPORT**.
5. In the displayed dialog box, touch **OK**.

Searching for a contact

1. On the home screen, touch  .
2. Enter the contact name or initials. Matching contacts are displayed as you type.

Editing a contact

1. On the home screen, touch  .
2. Touch and hold the contact you want to edit, and touch **Edit**.
3. Edit the contact information.
4. Touch **SAVE**.

Adding a contact to your favorites

1. On the home screen, touch  .
2. Under **Favorites**, touch  .
3. Touch the contact you want to add to favorites or touch **All** to select all contacts, and then touch **ADD**.

 You can also touch  on a contact details screen to add the contact to your favorites.

Deleting a contact

1. On the home screen, touch  .

2. Touch  > **Delete**.
3. Touch the contact you want to delete or touch **All** to select all contacts, and then touch **DELETE**.
4. In the displayed dialog box, touch **Delete**.

Merging contacts

1. On the home screen, touch  .
 2. Touch the contact you want to merge.
 3. Touch  > **Join contacts**.
 4. Touch the contacts you want to merge.
-  Only duplicate contacts saved in your phone storage can be merged.

Sharing a contact

1. On the home screen, touch  .
2. Touch  > **Import/Export** > **Share contacts**.
3. Touch the contact you want to share or touch **All** to select all contacts.
4. Touch **SHARE**, and choose a sharing method from the displayed option menu.

Contact groups

You can create a contact group and send a message or email to all group members simultaneously.

Creating a contact group

1. On the home screen, touch  .
2. Under **Favorites**, touch  > **New group**.

3. Name the contact group.
4. Touch **Add members**.
5. Touch the contacts you want to add to the group or touch **All** to select all contacts, and then touch **ADD**.
6. Touch **SAVE**.

Editing a contact group

1. On the home screen, touch .
2. Under **Favorites**, touch and hold the contact group you want to edit, and touch **Edit**.
3. Rename the group or manage group members.
4. Touch **SAVE**.

Sending messages or emails to a contact group

1. On the home screen, touch .
2. Under **Favorites**, touch and hold the contact group you want to send a message or email to, and choose **Send message** or **Send email** from the displayed option menu.

 You can also open the contact group and touch  to send a message or  to send an email.

Deleting a contact group

1. On the home screen, touch .
2. Under **Favorites**, touch and hold the contact group you want to delete, and touch **Delete**.
3. In the displayed dialog box, touch **Delete**.

 Deleting a contact group will not remove the contacts in the group from your phone.

Messaging

Sending a text message

1. On the home screen, touch .
2. In the list of message threads, touch .
3. Touch the recipient text box and enter the contact name or phone number. Matching contacts are displayed as you type. Select a contact.
 -  Touch  to select more contacts.
4. Write your message.
5. Touch **Send**.

Sending a multimedia message

Data usage fees may apply. For details, contact your service provider.

1. On the home screen, touch .
2. In the list of message threads, touch .
3. Touch the recipient text box and enter the contact name or phone number. Matching contacts are displayed as you type. Select a contact.
 -  Touch  to select more contacts.
4. Write your message.
5. Touch , select the attachment type, and attach a file.
 -  To attach more than one file to the message, touch **Slideshow**. You can touch **Remove slide** to delete the current slideshow.
6. Touch **Send**.

Replying to a message

1. On the home screen, touch .
2. In the list of message threads, touch a contact name or phone number to view the conversation thread.
3. Write your message.
4. Touch **Send**.

Searching for a message

1. On the home screen, touch .
2. In the list of message threads, touch  > **Search**.
3. Enter the message or contact name, or parts of them. Your phone then displays matching results.

Managing messages

Copying messages to a SIM card

1. On the home screen, touch .
2. In the list of message threads, touch a contact name or phone number to view the conversation thread.
3. Touch and hold the message you want to copy, and touch **Copy to SIM card**.

 Restoring your phone to its factory settings won't delete messages saved in your SIM card.

Forwarding a message

1. On the home screen, touch .
2. In the list of message threads, touch a contact name or phone number to view the conversation thread.

3. You can then:

- Touch and hold the message you want to forward, and touch **Forward**.
- Touch  > **Forward** to forward multiple messages.

4. Touch the recipient text box and enter the contact name or phone number.

 Touch  to select more contacts.

5. Touch **Send**.

Adding a message to your favorites

You can mark important messages as your favorites to avoid deleting them by mistake. Deleting a thread does not remove any favorite messages in it.

1. On the home screen, touch .

2. In the list of message threads, touch a contact name or phone number to view the conversation thread.

3. You can then:

- Touch and hold the message you want to add to your favorites, and touch **Copy to Favorites**.
- Touch  > **Copy to Favorites** to add multiple messages to your favorites.

 In the list of message threads, touch  > **Favorites** to view your favorite messages.

Deleting a message

1. On the home screen, touch .

2. In the list of message threads, touch a contact name or phone number to view the conversation thread.

3. Touch and hold the message you want to delete, and touch **Delete**.

 Touch  > **Delete** to delete multiple messages simultaneously.

Deleting a thread

1. On the home screen, touch .
2. In the list of message threads, you can:
 - Touch and hold the thread you want to delete, and touch **Delete conversation**.
 - Touch  > **Delete** to delete multiple threads simultaneously.

Modifying message settings

You can change the message tone, set the message signature, and more.

1. On the home screen, touch .
2. In the list of message threads, touch  > **Settings**.

Browser

Browsing web pages

1. On the home screen, touch .
2. Enter a website address in the address box. Your phone then displays matching websites as you type.
3. Touch the website you want to visit.

Managing bookmarks

Bookmarks let you keep track of your favorite websites. You can organize your bookmarks by placing them into different folders.

Adding a bookmark

1. On the home screen, touch .
2. On the **Browser** screen, open the web page you want to add as a bookmark.
3. Touch  > **Save to bookmarks**.
4. Name the bookmark and touch **OK**.

Accessing a bookmark

1. On the home screen, touch .
2. Touch  > **Bookmarks** then the **Bookmarks** tab.
3. Under **Local**, touch a bookmark.

Setting the home page

1. On the home screen, touch .

2. Touch  > **Settings** > **General** > **Set homepage**.
3. From the displayed option menu, choose the web page you want to set as your home page.

Clearing your browsing history

To better protect your privacy, clear your browsing history from time to time.

1. On the home screen, touch .
2. Touch  > **Settings** > **Privacy & security**.
3. Touch **Clear history** then **OK**.

Modifying browser settings

You can adjust the font size and set whether to display images on web pages and configure other browser settings.

1. On the home screen, touch .
2. Touch  > **Settings**.

Email

Adding a POP3 or IMAP email account

Certain parameters must be set when you add a POP3 or IMAP email account. For details, contact your email service provider.

1. On the home screen, touch .
2. Touch **Others**
3. Enter your **Email address** and **Password**, and touch **Next**.
4. Follow the onscreen instructions to configure the email account. The system then automatically connects to the server and checks server settings.

When the email account is set up, the **Inbox** screen is displayed.

 To add more email accounts, touch  > **Settings** > **Add account** on the **Inbox** screen.

Adding an Exchange account

Exchange is an email system developed by Microsoft for internal enterprise correspondence. Some email service providers also provide Exchange accounts for individuals and families.

You may need to contact your email service provider to configure certain parameters.

1. On the home screen, touch .
2. Touch **Exchange**.
3. Enter your **Email address**, **Domain**, **Username**, and **Password**. Then, touch **Next**.

4. Follow the onscreen instructions to configure your Exchange account. The system then automatically connects to the server and checks server settings.

When your Exchange account is set up, the **Inbox** screen is displayed.

Sending an email

1. On the home screen, touch .
2. On the **Inbox** screen, touch  to select an email account.
3. Touch .
4. Enter one or more recipients.
 -  To send the email to multiple recipients, touch **+ Cc/Bcc**. Separate different email addresses with semicolons (;).
5. Enter the subject, and write your message. Touch  to upload any attachments.
6. When you are done, touch  to send the email.

Checking your emails

1. On the home screen, touch .
2. On the **Inbox** screen, touch  to select an email account.
3. Touch the email you want to read.
4. You can then:
 - Touch  to delete it.
 - Touch  to reply to it.
 - Touch  to reply to all.
 - Touch  to forward it.

- Flick left to go back to the previous email or flick right to skip to the next email.

 Mail retrieval may be slightly delayed, depending on the network condition. On the **Inbox** screen, touch  > **Refresh** to refresh the inbox.

Switching between email accounts

If you have logged into multiple email accounts on your phone, switch to the one you want to use before you view or send emails.

1. On the home screen, touch .
2. On the **Inbox** screen, touch .
3. Touch the email account you want to use.

Removing an email account

1. On the home screen, touch .
2. On the **Inbox** screen, touch  > **Settings**.
3. Select the account you want to remove.
4. Touch **Remove account** then **OK**.

After you remove an email account, your phone will no longer send or receive emails using that account.

Modifying email account settings

1. On the home screen, touch .
2. On the **Inbox** screen, touch  > **Settings** to set the following items:
 - Touch **General** to set the sender profile photo and screen displayed after you delete an email.

- Touch an email account to modify your signature, set how often the inbox is refreshed, and set the notification tone for new emails.

Multimedia

Camera

Your phone supports a variety of capture scenarios, such as scenery, portrait, and dynamic. It also supports smart, panoramic, audio control, and burst capture modes.

Capture screen



1 Touch  to record a video.

- Touch  to take a photo.

2 • Touch and hold  to take burst shots, and release your finger to stop.

3 Touch the thumbnail to view your photos and videos.

- Touch an object on the viewfinder to focus the camera on it.

4 • Spread two fingers apart to zoom in or pinch them together to zoom out.

5 Touch  to select a capture mode.

6 Touch  to set the flash mode.

-
- 7 Touch  to switch between the rear and front cameras.
 - 8 Touch  for more options.
-

Taking a photo

1. On the home screen, touch .
2. Frame the scene you want to capture. Let your camera focus automatically or touch the screen to focus the camera. When the camera is focused, the frame in the center of the viewfinder turns green.
3. Touch .

Shooting a video

1. On the home screen, touch .
2. Frame the scene you want to record.
3. Touch  to start recording.
4. During the recording, touch an object or area to focus on it.
5. Touch  to stop recording.

Ultra snapshot

You can quickly take a photo without unlocking the screen first.

1. Face your camera with the object you want to capture when the screen is turned off or locked.
2. Press the volume down button twice in rapid succession to quickly take a photo.

Continuous shooting

Continuous shooting allows you to record a series of dynamic images and pick the best from them.

1. On the home screen, touch .
2. Frame the scene you want to capture.

3. Touch and hold . The camera then takes up to 10 photos in rapid succession. You can stop shooting anytime by releasing your finger.

Taking a panoramic photo

1. On the home screen, touch .
 2. Touch  >  to switch to panoramic mode.
 3. Frame the scene you want to capture.
 4. Touch  to start shooting.
 5. Follow the onscreen instructions and move your phone slowly to capture multiple photos.
-  Don't move your phone too fast. If you do, or you move it beyond the limits of the panoramic view, the viewfinder will turn red to notify you that the scene wasn't captured.
6. Touch  to stop shooting. The camera automatically stitches the photos together to create one panoramic photograph.

Taking an audio photo

You can record a brief audio clip after you take a photo.

1. On the home screen, touch .
2. Touch  >  to switch to audio photo mode.
3. Frame the scene you want to capture.
4. Touch  to take a photo. The phone then records an audio clip for a few seconds. Record your thoughts for the photo you've just taken.

Using HDR

High dynamic range (HDR) imaging technology improves the details in the lightest and darkest areas of photos for true-to-life quality.

1. On the home screen, touch .
2. Touch  >  to switch to HDR mode.

3. Frame the scene you want to capture.
4. Touch .

 The front camera does not support HDR.

Taking a photo using audio control

1. On the home screen, touch .
2. Touch  >  to switch to audio control mode.
3. Frame the scene you want to capture. Your phone will take a photo when the surrounding noise reaches a certain decibel level.

Taking a photo with watermark

You can add the time, location, weather, and other information to the photo as watermarks.

1. On the home screen, touch .
2. Touch  >  to switch to watermark mode.
3. Flick left or right at the bottom of the screen to select a watermark.
4. Drag the watermark to adjust its position.
5. Frame the scene you want to capture.
6. Touch .

Setting the camera resolution

1. On the home screen, touch .
2. On the viewfinder, touch  > **Camera** or **Video**.
3. Touch **Resolution**.
4. Select a resolution for photos and videos.

Setting the save location for photos

1. On the home screen, touch .

2. On the viewfinder, touch  > **Others** > **Preferred save location**.
3. You can then:
 - Touch **SD card** to save the photos or videos to a microSD card.
 - Touch **Internal storage** to save the photos or videos to the internal storage.

Gallery

Viewing photos or videos

1. On the home screen, touch .
2. Touch an album.
3. Touch a photo or video to view it in full screen mode.

 When viewing a photo, pinch two fingers together to zoom out or spread them apart to zoom in.

Playing a slideshow

1. On the home screen, touch .
2. Touch an album.
3. Touch  > **Slideshow** to play a slideshow of the photos in the album.
4. To stop the slideshow, touch the screen.

Editing a photo

You can adjust the photo brightness, saturation, size, and more.

1. On the home screen, touch .
2. Touch the photo you want to edit.
3. Touch  > **Edit**.
4. Select a photo processing method.

5. Select a special effect, and follow the onscreen instructions to edit the photo.
6. When you are done, touch  to save the changes.

Rotating a photo

1. On the home screen, touch .
2. Touch the photo you want to rotate.
3. Touch  > **Rotate Left** or **Rotate Right**.

Deleting a photo

1. On the home screen, touch .
2. From the photo list, touch  > **Delete**.
3. Select the photo you want to delete, and touch **DELETE**.
4. Touch **Delete**.

Sharing a photo or video

Want to share your best shots or an amusing trick your dog just did? Simply share the photos and videos using email, Bluetooth, and more.

1. On the home screen, touch .
2. Touch an album.
3. Touch , and choose a sharing method from the displayed option menu.
4. Select the photo or video you want to share.
5. Touch **SHARE** and follow the onscreen instructions to share the photo or video.

Setting a photo as the wallpaper

1. On the home screen, touch .
2. Choose the photo you want to set as the wallpaper.

3. Touch  > **Set as**.

4. You can then:

- Touch **Lock screen wallpaper**, drag the frames of the grid to resize it, and touch **OK** to set the photo as the lock screen wallpaper.
- Touch **Home screen wallpaper**, drag the frames of the grid to resize it, and touch **SET WALLPAPER** to set the photo as the home screen wallpaper.

Music

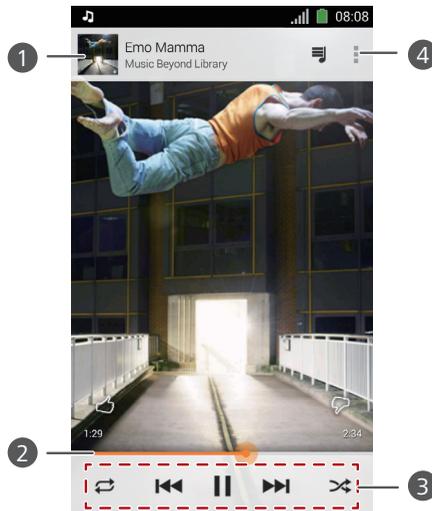
Adding songs

You can copy songs to your phone and immerse yourself in a world of extraordinary sound anytime. Add songs to your phone by:

- Copying songs from your computer using USB. For details, see [“MTP mode”](#).
- Downloading songs from the Internet.
- Copying songs from other Bluetooth devices. For details, see [“Receiving a file using Bluetooth”](#).
- Copying songs from other devices using Wi-Fi Direct. For details, see [“Receiving a file using Wi-Fi Direct”](#).

Listening to music

1. On the home screen, touch  > .
2. Touch the song you want to play.
3. Touch the album cover to play the song.
4. Flick up from the bottom of the screen to display the playback screen.



1 Touch the thumbnail to return to the song list.

2 Drag the slider to control the playback.

- Touch to switch between different playing modes (repeat the playlist, repeat the current song, and play in sequence).

- Touch to pause and touch to resume.

3

- Touch to go back to the previous song.

- Touch to skip to the next song.

- Touch to enable or disable shuffle mode.

4 Touch to display an option menu where you can view the information about the album or song.

When a song is playing, touch to exit the playback screen without stopping the song. To return to the music playback screen, open the notification panel and touch the playing song.

Adding songs to a playlist

1. On the home screen, touch  > .
2. Select the songs you want to add to a playlist.
3. Touch  > **Add to playlist**.
4. Touch **New playlist** or an existing playlist, and follow the onscreen instructions to add the songs to the playlist.

Playing a playlist

1. On the home screen, touch  > .
2. Touch  to open the main menu.
3. Touch **Playlists**.
4. Select the playlist you want to play.
5. Touch  > **Shuffle**.

Deleting a playlist

1. On the home screen, touch  > .
2. Touch  to open the main menu.
3. Touch **Playlists**.
4. Select the playlist you want to delete.
5. Touch  > **Delete**.
6. Touch **OK**.

Internet connection

Mobile data connection

Turning on your mobile network

1. On the home screen, touch  > .
2. Under **All**, touch **Mobile networks**.
3. Select the **Data enabled** check box.

 When you don't need to access the Internet, turn off your mobile network to save battery power and reduce mobile data usage.

Creating an APN

The Access Point Name (APN) is a necessary parameter for a phone to connect to a mobile network or send multimedia messages. It is usually automatically set after you insert a SIM card into your phone. If your phone can't connect to a mobile network using the automatically set APN, contact your service provider for the specific parameters and create a new APN.

1. On the home screen, touch  > .
2. Under **All**, touch **Mobile networks**.
3. Touch **Access Point Names**.
4. Touch  > **New APN**.
5. Enter the access point name and other parameters.
6. Touch **SAVE**.

Wi-Fi network

Your phone can connect to Wi-Fi networks. Some public locations, such as airports and libraries, may have Wi-Fi networks available for use. Using Wi-Fi networks provided by certain Internet service providers may produce fees.

Before you use a public Wi-Fi hotspot, make sure you check and are aware of that service provider's fee policies.

Connecting to a Wi-Fi network

1. On the home screen, touch  > .
2. Under **All**, touch the Wi-Fi switch to turn on Wi-Fi.
3. Touch **Wi-Fi**. Your phone then scans for available Wi-Fi networks and displays them.
4. Touch the Wi-Fi network you want to connect to.
 - If the network is open, you will directly connect to it.
 - If the Wi-Fi network is encrypted, enter the password when prompted, and touch **Connect**.

Connecting to a Wi-Fi network using WPS

Wi-Fi protected setup (WPS) lets you quickly connect to a Wi-Fi network. Simply press the WPS button or enter the PIN to connect your phone to a Wi-Fi router that supports WPS.

1. On the home screen, touch  > .
2. Under **All**, touch the Wi-Fi switch to turn on Wi-Fi.
3. Touch **Wi-Fi**.
4. Touch  > **WPS Push Button** and press the WPS button on the Wi-Fi router.

 To connect to a Wi-Fi network through WPS PIN, touch  > **Input WPS PIN**.

Sharing your phone's mobile data connection

Wi-Fi hotspot

Your phone can function as a Wi-Fi hotspot for other devices, sharing its mobile data connection.

1. On the home screen, touch  >  then the **All** tab.
2. Under **WIRELESS & NETWORKS**, touch **More...**
3. Touch **Tethering & portable hotspot**.
4. Select the **Portable Wi-Fi hotspot** check box to turn on Wi-Fi hotspot.
5. Touch **Configure Wi-Fi hotspot**.
6. Set the Wi-Fi hotspot's name, encryption mode, and password.
 It is recommended that you set the encryption mode to WPA2 PSK for better security.
7. Touch **Save**.

On the device you want to use, search for and connect to your phone's Wi-Fi network.

USB tethering

You can share your phone's data connection with a computer using a USB cable.

To use USB tethering, you may need to install your phone's driver on the computer or establish a corresponding network connection, depending on your computer's operating system.

1. Use a USB cable to connect your phone to the computer.
2. On the home screen, touch  >  then the **All** tab.
3. Under **WIRELESS & NETWORKS**, touch **More...**
4. Touch **Tethering & portable hotspot**.

5. Select the **USB tethering** check box.

 The USB tethering function is not available when your phone is in USB storage mode.

Controlling your data usage

Your phone's data usage control function lets you check and control your data usage. Set a data usage cycle and a mobile data limit for this period and you will be notified when your data usage reaches this limit.

Setting your mobile data usage limits

1. On the home screen, touch  >  then the **All** tab.
2. Under **WIRELESS & NETWORKS**, touch **More...**
3. Touch **Data usage**.
4. Select the **Set mobile data limit** check box.
5. You can then:
 - Drag the limit line up or down to adjust the mobile data usage limit.
 - Drag the warning line up or down to adjust the mobile data usage warning value. When your data usage reaches the warning line, you will be notified.
 - Drag the date lines left or right to check the data usage during a specific period of time.
 - Touch **Data usage cycle** to set the statistical cycle for data usage.

Viewing the data usage of an application

1. On the home screen, touch  >  then the **All** tab.
2. Under **WIRELESS & NETWORKS**, touch **More...**
3. Touch **Data usage**.
4. Flick down to view the data usage of all applications.
5. Touch an application for more details.

Restricting the background mobile data usage

You can restrict the background mobile data usage of some or all applications to save data traffic. This function only takes effect when your phone is using a mobile data connection. When your phone is connected to a Wi-Fi network, applications run without any data restrictions.

1. On the home screen, touch  >  then the **All** tab.
2. Under **WIRELESS & NETWORKS**, touch **More...**
3. Touch **Data usage**.
4. Touch , and select the **Restrict mobile bkgd. data** check box to restrict the background mobile data usage of all applications.
5. Touch **OK**.

 To restrict the background mobile data usage of a specific application, choose the application from the application list on the **Data usage** screen to display its data usage details. Then select the **Restrict mobile bkgd. data** check box.

Restricting automatic data synchronization

Restricting automatic data synchronization helps save data traffic and battery power. After this function is enabled, you have to manually synchronize your accounts.

1. On the home screen, touch  >  then the **All** tab.
2. Under **WIRELESS & NETWORKS**, touch **More...**
3. Touch **Data usage**.
4. Touch  and clear the **Auto-sync data** check box.

Sharing data

Bluetooth

Your phone is Bluetooth-capable, allowing you to connect to other Bluetooth-enabled devices for wireless data transmission. When using Bluetooth, stay within 10 meters (33 feet) of other Bluetooth devices.

Turning on or turning off Bluetooth

1. On the home screen, touch  > .
2. Under **All**, touch **Bluetooth** to turn on or turn off Bluetooth. After Bluetooth is turned on,  is displayed on the status bar.

 Turn off Bluetooth when you don't need it to save battery power.

Renaming your phone

Before you rename your phone, turn on Bluetooth. By default, your phone's name is its model. You can change the name to one that's more personal and easier to find.

1. On the home screen, touch  > .
2. Under **All**, touch **Bluetooth**.
3. Touch  > **Rename phone**.
4. Rename your phone and touch **Rename**.

Searching for and pairing with other Bluetooth devices

Before pairing your phone with another device, turn on Bluetooth. Your phone's name will be displayed. Select the check box next to the phone name to set your phone as discoverable to other Bluetooth devices.

1. On the home screen, touch  > .

2. Under **All**, touch **Bluetooth**. Your phone will then scan for other Bluetooth devices in range.
3. In the list of detected Bluetooth devices, touch a device and follow the onscreen instructions to pair with it.

To disconnect from a paired Bluetooth device, under **PAIRED DEVICES**, touch

 > **Unpair**.

 If you can't set up a Bluetooth connection with another device, the device may not be compatible with your phone.

Sharing a file using Bluetooth

To exchange data with another Bluetooth device, enable Bluetooth on both devices and pair them with each other.

1. On the home screen, touch  > .
2. Touch and hold the file you want to send, and touch **Share** > **Bluetooth**.
3. Select a device.

Receiving a file using Bluetooth

When your phone receives a file transfer request, a **File transfer** dialog box will be displayed. Touch **Accept** to start receiving the file. You can open the notification panel to view the file receiving progress.

By default, received files are saved to the **bluetooth** folder in **File Manager**.

Wi-Fi Direct

Wi-Fi Direct allows two devices to connect to each other for data transmission without using any access point.

Connecting two devices using Wi-Fi Direct

1. On the home screen, touch  > .
2. Under **All**, touch **Wi-Fi** to turn on Wi-Fi.
3. In the Wi-Fi network list, touch **WI-FI DIRECT** to scan for available devices.

4. Select a device.

Sending a file using Wi-Fi Direct

1. On the home screen, touch  > .
2. Touch and hold the file you want to send, and touch **Share**.
3. Touch **Wi-Fi Direct** to scan for available devices.
4. Select a device.

Receiving a file using Wi-Fi Direct

When a file comes in through Wi-Fi Direct, your phone automatically begins receiving it. You can open the notification panel to view the file receiving progress.

By default, received files are saved to the **Wi-Fi Direct** folder in **File Manager**.

Connecting your phone to a computer

MTP mode

MTP mode lets you transfer media files, such as photos, songs, and videos, between your phone and a computer. Windows Media Player 11 or later is required.

1. Use a USB cable to connect your phone to the computer.
2. On the **USB connection methods** screen, touch **Media device (MTP)**. The phone driver is then automatically installed on the computer.
3. After the driver is installed, open the new drive and begin transferring media files between your phone and computer. Multimedia content on your phone can only be viewed through Windows Media Player.

USB flash drive mode

If a microSD card is inserted into your phone, you can use your phone as a USB flash drive and transfer files between your microSD card and computer.

1. Use a USB cable to connect your phone to the computer.

2. On the **USB connection methods** screen, touch **USB flash drive**. The phone driver is then automatically installed on the computer.
3. After the driver is installed, the computer will identify your phone as a USB flash drive. Open the new drive to view files on your microSD card.

File Manager

Creating a folder

1. On the home screen, touch  > .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch  > **New folder**.
4. Name the folder and touch **Save**.

Searching for a file

1. On the home screen, touch  > .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch  > **Search**.
4. Enter part or all of the file name. Search results are displayed as you type.

Copying, cutting, and pasting a file

1. On the home screen, touch  > .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch  or .
4. Touch the file you want to copy or cut, and touch **COPY** or **CUT**.
5. Select where you want to paste the file, and touch **PASTE**.

Compressing or decompressing a file

You can compress files into .zip files to save space or decompress .zip and .rar files.

1. On the home screen, touch  > .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch  > **Compress**.
4. Select the file or folder you want to compress, and touch **COMPRESS**.
5. Choose the save path of the compressed file, name it, and touch **OK**.

To decompress a file, touch and hold it, and choose **Extract** from the displayed option menu.

Renaming a file

1. On the home screen, touch  > .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch and hold the file you want to rename, and touch **Rename**.
4. Rename the file and touch **OK**.

Deleting a file

1. On the home screen, touch  > .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch .
4. Select the file you want to delete, and touch **DELETE**.
5. Touch **OK**.

Creating a shortcut for a file or folder

1. On the home screen, touch  > .
2. Under **Local**, touch **Internal** or **SD card**.
3. Touch and hold the file or folder you want to create a shortcut for, and choose **Desktop shortcuts** from the displayed option menu.

Checking the storage status

1. On the home screen, touch  > .
2. Under **Local**, touch  > **Storage**.
3. On the **Storage** screen, view the total and available space in your phone's internal storage or microSD card.

Managing applications

Downloading applications

A rich selection of applications are available from a variety of sources. You can:

- Download applications from Google's Play Store.
- Download applications from web pages using the browser on your phone.
- Download applications using a computer, and copy the applications to the phone.
- Connect the phone to a computer, and download applications using HiSuite or other third-party applications.

Installing an application

 Play Store should be your primary download source. Applications downloaded from some other sources may be malicious or incompatible with your phone.

1. On the home screen, touch  > .
2. Under **Categories**, touch **Apps**.
3. In the application list, touch the application you want to install, and follow the onscreen instructions to install it.

 During the installation, follow the onscreen instructions to set the application permissions to protect your phone and privacy.

Viewing applications

You can view the sizes and access permissions of applications installed on your phone. You can also view the running applications to check the system running status.

1. On the home screen, touch  > .
2. Under **All**, touch **Manage apps**.
3. Select an application type: downloaded, running, or all.
4. Touch an application to view its details, and flick up or down for more information.

Uninstalling an application

1. On the home screen, touch  > .
2. Under **All**, touch **Manage apps**.
3. Flick to **ALL**, and select the application you want to uninstall.
4. Touch **Uninstall** > **OK**.

 Some pre-installed applications can't be uninstalled.

Clearing the application cache

You can clear the application cache to free up the phone storage.

1. On the home screen, touch  > .
2. Under **All**, touch **Manage apps**.
3. Flick to **All**, and touch **Clear cache**.

Phone Manager

About Phone Manager

Phone Manager is a free application that lets you better protect and manage your phone. With Phone Manager, you can:

- Optimize the system performance by diagnosing your phone, cleaning out trash files, and more.
- Enable power saving mode to maximize your phone's standby time.
- Keep out harassing calls, messages, and unnecessary notifications.
- Manage the access permissions of applications to keep your personal and private data safe.

Optimizing the system

Phone scanning

Phone scanning lets you run a full check of your phone's operation status and quickly optimize the system.

1. On the home screen, touch  > .
2. Touch **Scan** or **Touch to scan**.

After the scan is complete, follow the onscreen instructions to clear trash files, optimize the system, and remove potential threats to your phone.

Phone accelerator

If you are experiencing slowdown issues with your phone, you may have too many applications using up too much memory. Optimize your system by using phone accelerator.

1. On the home screen, touch  > .
2. Touch **Phone accelerator**.

3. Select the unwanted applications, and touch **CLOSE**.

Storage cleaner

1. On the home screen, touch  > .
2. Touch **Storage cleaner**.
3. Touch **Smart scan**, and clean your phone storage based on the scan results.

-  On the **Storage cleaner** screen, touch  to have your phone clean the cache every day, clean the thumbnails every month, and remind you when your storage space is running low.

Power manager

Setting the power saving mode

1. On the home screen, touch  > .
2. Touch **Power saving**.
3. On the **Power saving** screen, you can:
 - Touch **Normal** to enable normal mode.
 - Touch **Smart** to enable smart mode and have your phone conserve power while still allowing full use of all phone functions.
 - Touch **Endurance** to enable ultra power saving mode. Only Dialer, Messaging, and Contacts can be used in this mode.

Optimizing the power plan

1. On the home screen, touch  > .
2. Touch **Power saving**.
3. Touch **Power monitoring** and manually optimize the power plan based on the scan results.

Harassment filter

Harassment filter

1. On the home screen, touch  > .
 2. Touch **Harassment filter**.
 3. On the **Harassment filter** screen, you can:
 - Touch **Calls** or **Messages** to view blocked calls or messages.
 - Touch **Blacklist** > **ADD CONTACTS** to add a number to the blacklist.
-  On the **Harassment filter** screen, touch  to turn on or turn off Harassment filter and Interception reminders.

Notification manager

Some applications may push all kinds of notifications to your phone. Notification manager lets you set restriction rules on notifications to avoid receiving unnecessary information.

1. On the home screen, touch  > .
2. Flick left and touch **Notification manager**.
3. On the **Notification manager** screen, you can:
 - Touch **Rules** to view applications that may send notifications to the notification panel and set push rights for your applications.
 - Touch **Log** to view blocked notifications.

Toolbox

Phone Manager provides a special toolbox to help you manage the phone system more conveniently.

1. On the home screen, touch  > .
2. Touch  to open the toolbox.

Backup and restoration

Backing up data to the local storage

1. On the home screen, touch  > .
2. Select or clear the **Encrypt your backup** check box. Once the backup file is encrypted, you need to enter the password to access it.
3. Touch **New backup**.
4. Select the data you want to back up, and follow the onscreen instructions to back it up.

By default, backup files are saved to the **HuaweiBackup** folder in **File Manager**.

-  Encrypted backup files can only be restored by **Backup** version 3.2.26 or later. To check the version you have, open **Backup**, and touch  > **Settings** > **About**.

Restoring data from the local storage

1. On the home screen, touch  > .
2. Select the backup file you want to restore. You can use the file's backup time as a reference.
3. If the backup file has been encrypted, enter the password when prompted, and touch **OK**.
4. Select the data you want to restore, and touch **RESTORE**.

Restoring factory settings

 Restoring your phone to the factory settings erases all your personal data from the phone storage, including information about your accounts, your system and application settings, and downloaded applications. Back up important data on your phone before you restore factory settings.

1. On the home screen, touch  > .
2. Under **All**, touch **Backup & reset**.
3. Touch **Factory data reset** > **Reset phone** > **Reset phone**. The phone will restore its factory settings and restart.

Google services

About Google services

To use Google services, sign in with a Google account. If you don't have one, open a Google application and follow the onscreen instructions to create your Google account.

-  Google applications, services, and functions vary with country and service provider. Please follow local laws and regulations when you use Google services.

Gmail

Gmail is Google's official email service.

Sending an email

1. On the home screen, touch **Google apps** >  to open your mailbox. If you have added more than one Google account, select the one you want to use.
2. Touch .
3. Enter the recipient and subject, compose your message, and touch .

Checking your emails

1. On the home screen, touch **Google apps** >  to open your mailbox. If you have added more than one Gmail account, select the one you want to use.
2. From the email list, select the email you want to read.
 - Touch  to reply to it.
 - Touch  > **Reply all** to reply to all.

- Touch  > **Forward** to forward it.

Hangouts

Hangouts is an instant chat application provided by Google. With Hangouts, you can reach your friends using messages, or voice and video chats.

1. On the home screen, touch **Google apps** > .
2. Touch .
3. Enter the email address of your friend.
4. Write your message to start messaging or touch  to start a video chat.

Maps

Maps helps you find out where you are, shows you how to get to a destination, and displays real-time traffic. Satellite view is also available.

Turning on location services

1. On the home screen, touch  > .
2. Under **All**, touch **Location access**.
3. Touch **Access my location** to let selected applications access your location information.
4. Touch **Location mode**. You can then:
 - Touch **High accuracy** to locate your position using GPS, Wi-Fi, and your mobile network.
 - Touch **Battery saving** to locate your position using Wi-Fi and your mobile network.
 - Touch **Device only** to locate your position using GPS.

Searching for places of interest

Before you use Google Maps to search for a location, turn on your location services.

1. On the home screen, touch **Google apps** >  .
2. Touch  .
3. Enter part or all of the location name you want to search for. Search results are then displayed.
4. Touch a search result to mark it on the map.
5. Touch the mark to view more details about the location.

Getting somewhere

1. On the home screen, touch **Google apps** >  .
2. Touch  .
3. Choose a transportation method.
4. Follow the onscreen instructions to enter your starting point and destination. Routes are then displayed in the lower part of the screen.
5. Touch a route to view its details on the map.

Touch  to clear the search results.

YouTube

YouTube is Google's online video-sharing website, where you can search for, watch, and upload videos.

1. On the home screen, touch **Google apps** >  .
2. Touch  .
3. Enter the keywords for the video you want to find.
4. Touch  in the lower right corner of the keyboard to display the search results.

Play Store

Play Store is Google's digital application distributed platform, where you can download applications and games, as well as update and browse downloaded content.

1. On the home screen, touch  .
2. Find the application you want to install.
3. Follow the onscreen instructions to download and install it.

Tools

Calendar

Calendar is your personal assistant that helps you manage, arrange, and keep track of all important events. If you have saved the birthday information for your contacts, Calendar automatically creates birthday reminders.

Creating an event

1. On the home screen, touch .
2. Touch .
3. Enter event details, such as the event name, time, location, and how often it repeats.
4. Touch **SAVE**.

Viewing events

1. On the home screen, touch .
2. Touch the tabs at the top of the screen to switch between the year, month, week, day, and agenda views. The agenda view displays all your calendar events.

Sharing an event

1. On the home screen, touch .
2. Select the event you want to share.
3. Touch  to share the event using Bluetooth, email, or other methods.

Synchronizing and viewing events

Calendar events in your accounts (such as an email account) can be synchronized to and viewed on Calendar.

1. On the home screen, touch .
2. Touch  > **Calendars to display**.
3. Select the account whose calendar you want to display.
4. Touch  > **Calendars to sync**.
5. Select the account from which you want to synchronize calendar events, and touch **OK**.

Configuring calendar settings

1. On the home screen, touch .
2. Touch  > **Settings** to set the calendar view and notification method.

Clock

Clock lets you view the time around the world, use stopwatch or timer to keep track of time, or set alarms to wake you up in the morning.

Alarm

1. On the home screen, touch  > .
2. Under **Alarm**, you can:
 - Add an alarm: Touch , and set the alarm time, ringtone, how often it repeats, and more. Then touch **DONE**.
 - Turn on or turn off an alarm: Touch the switch button to the right of an alarm to turn it on or off.
 - Configure alarm settings: Touch , and set the snooze duration, whether the alarm rings in silent mode, and what the volume buttons do when pressed.
 - Delete an alarm: Touch , select the alarm you want to delete, and touch **DELETE**.

World clock

1. On the home screen, touch  > .
2. Under **World clock**, you can:
 - Add a city: Touch , enter a city name or choose a city from the city list, and touch the city you want to add.
 - Set your time zone: Touch  to set your home time zone and system date and time.
 - Delete a city: Touch , select the city you want to delete, and touch **REMOVE**.

Stopwatch

1. On the home screen, touch  > .
 2. On the **Stopwatch** tab, touch **Start** to start timing.
 3. Touch **Lap** to record multiple times.
 4. Touch **Stop** to stop the stopwatch.
- Touch **Reset** to clear all stopwatch records.

Timer

1. On the home screen, touch  > .
2. On the **Timer** tab, rotate the dial to set the timer duration, or touch an option to quickly select a time duration.
 -  Touch  to set a tone for the timer.
3. When you are done, touch **Start** to start the timer.
4. When the timer ends, the phone plays a tone and starts overtime timing.
 - Touch **Close** to stop the tone and reset the timer.
 -  When the timer is running, touch **Reset** to reset it.

Calculator

1. On the home screen, touch  > .
2. Rotate your phone to portrait or landscape view to switch between the basic and scientific calculators.

 Make sure the screen auto-rotate function is turned on.

Notes

1. On the home screen, touch  > .
2. Touch **Add note**.
3. Enter your note's content.
4. When you are done, touch  to save it. You can also:
 - Touch  to share the note.
 - Touch  to delete the note.
 - Touch  to create another note.
 - Return to the **Notes** screen, and touch  to search for a note.

FM radio

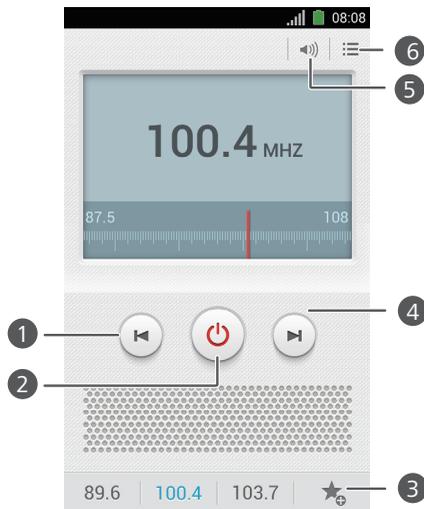
 Connect a headset to the phone. **FM Radio** utilizes the headset as an antenna.

Searching for stations

1. On the home screen, touch  > .
2. Touch  >  to search for and save available stations.

 Your phone will automatically search for and save stations the first time you open the FM radio.

Listening to FM radio



-
- ① Touch ◀ to return to the previous station.
-
- ② Touch ⏻ to turn on or turn off the FM radio.
-
- ③ Touch ★ to add the current station to your favorites.
-
- ④ Touch ▶ to go to the next station.
-
- ⑤ Touch 🔊 to enable or disable the speaker.
-
- ⑥ Touch ☰ to view the station list. In the station list, touch ⌚ to set a timer for turning off the FM radio.
-

Phone settings

Setting up an account

Adding an account

1. On the home screen, touch  > .
2. Under **All**, touch **Add account**.
3. Select an account type.
4. Follow the onscreen instructions and enter your account information.

Deleting an account

1. On the home screen, touch  > .
2. Touch the **All** tab.
3. Under **ACCOUNTS**, select an account type.
4. Select the account you want to delete.
5. Touch  > **Remove account**.
6. In the displayed dialog box, touch **Remove**.

Turning on data synchronization

1. On the home screen, touch  > .
2. Touch the **All** tab.
3. Under **ACCOUNTS**, select an account type.
4. Select the account you want to synchronize from.
5. Touch the data you want to synchronize.

 You can touch  > **Sync now** to synchronize data in the background.

Turning on or turning off airplane mode

 Your phone's signal reception or transmission may interfere with an airplane's flight system. Power off your phone or switch to airplane mode as required when you are on a flight. In airplane mode, your phone's wireless features are disabled, but you can still listen to music or play games.

Use either of the following methods to turn on or turn off **Airplane mode**:

- Press and hold the power button, and touch **Airplane mode**.
- On the home screen, touch  > . Under **All**, touch **Airplane mode**.

When airplane mode is on,  is displayed on the status bar.

Adjusting the screen brightness

1. On the home screen, touch  > .
2. Under **All**, touch **Display**.
3. Touch **Brightness**.
4. Drag the slider left or right to adjust the screen brightness.

 You can also flick down from the status bar to open the notification panel and adjust the screen brightness using the shortcut switch.

Modifying tone settings

1. On the home screen, touch  > .
2. Under **All**, touch **Sound**.
3. On the **Sound** screen, you can:
 - Touch **Volume** and drag the sliders to set the volume of music, ringtones, notification tones, alarms, calls, and more.
 - Touch **Silent mode** to turn on or turn off silent mode.

- Select or clear the **Vibrate in silent mode** check box to set whether your phone vibrates when it is in silence mode.
- Select or clear the **Vibrate when ringing** check box to set whether your phone vibrates when you have an incoming call.
- Touch **Phone ringtone** to select a ringtone.
- Touch **Default notification tone** to set a notification tone.
- Touch or clear the check box under **SYSTEM** to turn on or turn off the notification tone or vibration when you touch or lock the screen, take a screenshot, dial a number, and more.

Modifying display settings

1. On the home screen, touch  > .
2. Under **All**, touch **Display**.
3. On the **Display** screen, you can:
 - Touch **Brightness** to adjust the screen brightness.
 - Touch **Wallpaper** to set the lock screen and home screen wallpapers.
 - Select or clear the **Auto-rotate screen** check box to enable or disable the screen auto-rotate function. If this function is enabled, your screen's orientation will automatically change with the way you hold your phone when you perform certain operations, such as browsing a web page, viewing a picture, or writing a message.
 - Touch **Sleep** to set a screen timeout period. If idle for the specified period, your phone automatically locks its screen to save battery power.
 - Touch **Font size** to change the display font size.

Turning on or turning off do not disturb mode

To avoid being disturbed when you need to focus on important business, turn on do not disturb mode. In do not disturb mode, your phone will ring only

when you receive calls from allowed contacts. Other calls will be rejected, and message and other notification tones will be muted.

1. On the home screen, touch  > .
2. Under **All**, touch **Do not disturb**.
3. On the **Do not disturb** screen, you can:
 - Touch **Enable** to turn on or turn off do not disturb mode. In do not disturb mode,  is displayed on the status bar.
 - Touch **Scheduled** to schedule the effective time period for do not disturb mode.
 - Touch **Allowed contacts** to add contacts whose calls you can still receive in do not disturb mode.
 - Touch **Repeat calls** to enable or disable the repeat calls function. After the repeat calls function is enabled, the second call from the same number made within 3 minutes will not be muted.

Setting the date and time

1. On the home screen, touch  > .
 2. Under **All**, touch **Date & time**.
 3. On the **Date & time** screen, you can:
 - Select the **Automatic date & time** and **Automatic time zone** check boxes to use the network date and time.
 - Clear the **Automatic date & time** and **Automatic time zone** check boxes to manually set the date, time, and time zone.
 - Select or clear the **Use 24-hour format** check box to switch between the 12-hour and 24-hour formats.
 - Touch **Select date format** to select how you want the date to be displayed.
-  If your phone has an activated UIM card installed, the network date and time are used by default.

Changing the system language

1. On the home screen, touch  > .
2. Under **All**, touch **Language & input**.
3. Touch **Language**.
4. Select a language.

Setting the PIN of your SIM card

A personal identification number (PIN) is delivered with your SIM card to better protect your phone data. If you enable the SIM card lock, you must enter the PIN each time you turn your phone on.

Before you perform the following operations, make sure you have obtained your SIM card's PIN from your service provider.

1. On the home screen, touch  > .
2. Under **All**, touch **Security**.
3. Touch **Set up SIM card lock**.
4. Select the **Lock SIM card** check box.
5. Enter your PIN, and touch **OK**.
6. Touch **Change SIM PIN** to change the PIN.



The SIM card allows only a limited number of consecutive retries if an incorrect PIN is entered. If this limit is exceeded, you must enter a PIN unblocking key (PUK), which you can obtain from your service provider. The number of consecutive attempts to enter the PUK incorrectly is also limited. If this limit is exceeded, your SIM card will be permanently disabled. For details about these limits, contact your service provider.

Accessibility

The accessibility features allow visually-impaired or hearing-impaired users to get the most usability from their phones.

TalkBack

TalkBack is a voice assistant application provided by Google. It helps visually-impaired users in interacting with their phones.

Explore by touch is a feature of TalkBack. After you enable TalkBack and Explore by Touch, your phone describes anything you touch, select, and activate on your screen.

Enabling TalkBack

When you power on your phone for the first time, spread two fingers apart and hold them on the welcome screen to quickly enable TalkBack and Explore by touch.

1. On the home screen, touch  > .
2. Under **All**, touch **Accessibility**.
3. Touch **TalkBack**.
4. On the **TalkBack** screen, touch the switch on the upper right corner, and touch **OK** to enable **TalkBack**.

TalkBack gestures

After you enable **TalkBack** and **Explore by touch**, you can use different gestures to operate your phone.

Browse the screen

Flick up or down with two fingers to scroll across the list or flick left or right to switch between pages.

Select an item

Touch an item to select it and listen to the TalkBack voice instructions.

Open an item

After you select an item, double-touch any area on the screen to open the item.

Move an item

1. Touch the item you want to move.
2. Double-touch the item and drag it to the desired location. Then release your finger.

 On the TalkBack settings screen, touch **Manage gestures** to customize your commands with different gestures.

Configuring TalkBack

1. On the home screen, touch  > .
2. Under **All**, touch **Accessibility**.
3. Touch **TalkBack**.
4. Touch **Settings** to configure voice, feedback, and other features.

Enabling large text

1. On the home screen, touch  > .
2. Under **All**, touch **Accessibility**.
3. Select **Large text** to enlarge the system font.

Inverting colors

Invert colors to enhance the color contrast and make the display effect resemble a photo negative, making it easier for users with visual impairment to read text on the screen.

1. On the home screen, touch  > .
2. Under **All**, touch **Accessibility**.
3. Select **Negative colors**.

Setting shortcut operations for answering or ending a call

1. On the home screen, touch  > .
2. Under **All**, touch **Accessibility**.
3. You can then:
 - Select **Close to the ear to answer** so that you can answer incoming calls by simply raising your phone to your ear.
 - Select **Press the volume key to answer** so that you can answer incoming calls by pressing the volume button.
 - Select **Power key ends call** so that you can end calls by pressing the power button.

Enabling accessibility shortcut

1. On the home screen, touch  > .
2. Under **All**, touch **Accessibility**.
3. Touch **Accessibility shortcut**.
4. On the **Accessibility shortcut** screen, touch the switch on the upper right corner.

Then press and hold the power button until you hear a sound, and touch and hold any area on the screen with two fingers to enable **TalkBack**.

Setting the TalkBack speech rate

1. On the home screen, touch  > .
2. Under **All**, touch **Accessibility**.
3. Touch **Text-to-speech output**.
4. Touch **Speech rate** to set the speed of TalkBack voice notifications.

Setting the touch & hold delay

1. On the home screen, touch  > .
2. Under **All**, touch **Accessibility**.
3. Touch **Touch & hold delay** to set the recognition time for touching and holding the screen.

Hearing settings

Adjusting sound balance

Hearing-impaired users may have different hearing capabilities between their left and right ears. You can adjust your phone's left and right sound channel volume as required.

1. On the home screen, touch  > .
2. Under **All**, touch **Accessibility**.
3. Touch **Sound balance**, and drag the slider left or right to shift the sound balance.

Turning off all sounds

1. On the home screen, touch  > .
2. Under **All**, touch **Accessibility**.
3. Select **Disable all sounds** to disable multimedia sounds, ringers, and other notification tones.

Enabling captions

1. On the home screen, touch  >  .
2. Under **All**, touch **Accessibility**.
3. Touch **Captions**.
4. Touch the switch on the upper right corner to enable **Captions**.

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