

User Guide

HUAWEI **Ascend** P1 LTE

Welcome to HUAWEI

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Introduction

Thank you for choosing the HUAWEI Ascend P1 LTE (HUAWEI U9202L-1) smartphone.

Be sure to carefully read the function descriptions, operating instructions, and safety precautions described in this document before using your phone.

All pictures and illustrations in this document are for your reference only. The actual appearance and display features will depend on the specific phone purchased.

Please visit www.huaweidevice.com/worldwide/support/hotline for recently updated hotline and email address in your country or region.

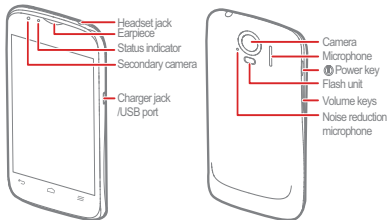
Symbols and Definitions

The following symbols are used in this document to highlight sections that require special attention:

	Description	Additional operation descriptions.
	Tip	Help you to solve a problem quickly and efficiently.
	Caution	Warnings and precautions. If the instructions in this document are not followed, the device may be damaged, or your data may be lost.

Installation

Keys and Functions



-
- Press and hold to power on your phone.
 - Press and hold to display the options menu, from where you can power off the phone and perform some shortcut operations.
 - Press to lock the screen when your phone is active.
-



- Touch to return to the previous screen or exit the currently running application.
 - Touch to hide the keyboard.
-



Touch to open the menu on an active screen.

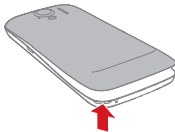
-
- Touch to return to the Home screen.
 - Touch and hold to view the list of recently used applications.
-



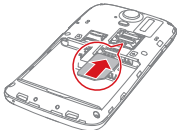
Installing a SIM Card and the Battery

Install a SIM card and the battery as shown in the following diagram.

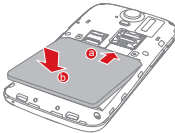
1 Removing battery cover



2 Installing USIM card



3 Installing battery



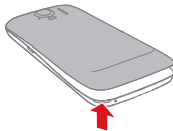
4 Installing battery cover



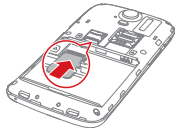
Installing and Removing a microSD Card

Your phone's memory capacity can be expanded by installing a microSD card. For installation instructions, refer to the following diagram.

① Removing battery cover

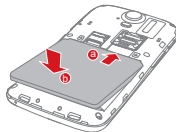


② Installing *micro SD card



*micro SD card is optional

③ Installing battery



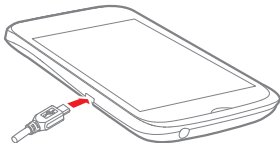
④ Installing battery cover



To remove the microSD card:

1. On the Home screen, touch  > **Settings**.
2. Touch **Storage > Unmount SD card**.
3. Remove the battery cover.
4. Remove the battery.
5. Remove the microSD card.

Charging the Battery



1. Connect your charger to the USB cable provided.
2. Connect the charger to a power outlet.
3. Connect the phone to the USB cable. The battery will now start charging.

While the battery is charging, the status indicator shows the battery level or charging status.

- Steady green: The phone is charging and the battery level is high or full.
- Steady yellow: The phone is charging and the battery level is higher than 10%.
- Steady red: The phone is charging and the battery level is low.
- Blinking red: The battery level is low and the phone needs to be charged.

If your phone is powered on, the charging icon is displayed in the notification bar while the battery is charging. When the icon changes to  , the battery is fully charged.

Important Information About the Battery

- If the phone has not been used for a long time, or the battery is fully depleted, you may not be able to power on your phone immediately after you commence charging the battery. Allow the battery to charge for a few minutes with the phone powered off before attempting to use the phone.
- Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. When the battery life becomes noticeably shorter after being fully charged, replace the battery with a new one of the same type.
- Using data services increases the phone's power consumption and will reduce battery life.
- The time required to fully charge the battery depends on the ambient temperature and the age of the battery.

- If your phone is very low on power, it displays a message. If your phone is extremely low on power, it will power off automatically.

Battery Saving Tips

Try the following actions to reduce power consumption:

- When you do not need 3G services, select the **Use only 2G networks** check box in **Mobile networks**.
- When you do not need to access the Internet or to upload or download data, flick the notification bar downwards to open the notification panel and touch  to disable your data connection.
- When you do not need to use the phone's wireless services such as GPS, Bluetooth, or Wi-Fi, open the notification panel,

and touch , , or  to disable these respective functions.

- Touch **Display > Brightness** to lower the screen brightness, and touch **Sleep** to shorten the period until the screen locks.
- Close applications that are no longer in use.
- Lower the volume.

Getting Started

Powering Your Phone On or Off

- When your phone is off, press and hold  to power it on. If your SIM card is protected by a PIN, you must enter it to use the phone.
- When your phone is on, press and hold  to display the options menu. Touch **Power off**, touch **OK** to power your phone off when prompted.

Configuring Your Phone for the First Time

A configuration wizard is displayed the first time the phone is powered on. Follow the instructions to configure your phone.

- Create or log in to your personal account.
- Customise your phone settings.

Creating a Google Account

- ⓘ Availability of Google applications, services, and features may vary according to your country or carrier. Please follow local laws and regulations to use them.

When turning the phone on for the first time, you will be prompted to log in to your Google account, which is the same as your Gmail account (if you have one).

- ❗ Ensure that your phone has an active data connection before logging in to your Google account.

If you already have a Google account, you can touch **Sign in** on the **Make it Google** screen, and then enter your username and password.

If you do not already have a Google account, you can create one as follows:

1. On the **Make it Google** screen, touch **Get an account**.
2. Enter the first name and last name you want to use for your account, and then touch **Next**.
3. Enter the user name for your Google account, and then touch **Next**. Your phone will connect to Google's servers to check whether the user name is available. If the user name is already in use, you will be prompted to enter another or select one from a list.

4. Enter and confirm your Google account password, and then touch **Next**.
5. Set the recovery information to ensure that a security question is asked before account recovery in the event of the password being forgotten, and then touch **Next**.
6. When the **Finish creating account** screen appears, select the **Enable web history** check box, and then touch **I accept**.
7. Enter the characters that appear on the screen, and then touch **Next**.
8. When the **Enable purchases** screen appears, touch **Skip**, or enter the purchase information, and then touch **Save**.
9. When the **Backup** screen appears, select the **Keep this phone backed up with my Google Account** check box, and then touch **Next**.

10. When the **Use Google location** screen appears, select the option for Google's location service, and then touch **Next**.

11. Touch **Finish**.

 To use another Google account, go to the **Accounts & sync** screen by touching  > **Settings** > **Accounts & sync**, and then touch **ADD ACCOUNT** to select the account type you want to add.

Switching to Silent Mode or Airplane Mode Quickly

Press and hold  to open the options menu, from where you can:

- Touch  to switch to vibrate mode,  to switch to silent mode,  to switch to sound mode.

- Touch **Airplane mode** to switch to airplane mode. When **Airplane mode** is activated, all wireless connections on your phone are disabled.

 Wireless devices may interfere with an airplane's flight system. Power off your phone or switch to **Airplane mode** where wireless devices are not allowed according to airline regulations.

Using the Touchscreen



Touch: Tap the screen once with your finger to select an item or open an application.



Touch and hold: Touch and hold on the current screen or the input field to display the options menu.



Flick: Move your finger either vertically or horizontally across the screen.



Drag: Touch and hold an item, and then drag it to the desired location on the screen. For example, on the Home screen, you can move an icon by dragging it to another location or remove an icon by dragging it to the trash can.

Locking and Unlocking the Screen

Locking the Screen

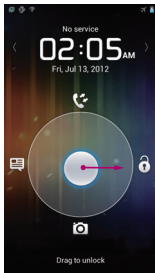
- To lock the screen when the phone is active, press .
- If the phone is idle for a specified period of time, the phone automatically locks its screen.



On the Home screen, touch  > **Settings** > **Security** > **Screen lock** to select a method for unlocking the screen.

Unlocking the Screen

1. If the screen is off, press  to turn it on.
2. Follow the onscreen instructions and drag  to the right until it reaches .



- When the screen is locked, flick to the left or right in the clock area to switch to **Music+** controller.
- To open certain applications quickly, drag the  icon over the corresponding icons.

Face Unlock

You can set your phone to unlock by recognizing your face. To enable and configure the settings of the **Face Unlock** application:

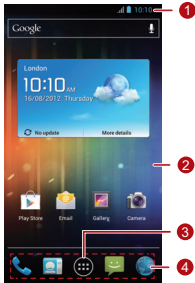
1. On the Home screen, touch  > **Settings** > **Security** > **Screen lock** > **Face Unlock**.
2. Read the onscreen instructions, and then touch **Set it up** > **Continue** to take a photo.

3. Ensure that your face is at the centre of the capture screen, and then wait for the phone to capture a photo. After a photo has been taken, touch **Continue**.
4. Choose an unlock method, and configure the unlock settings. If face identification fails, unlock the phone using the alternative method you have selected.
5. Touch **OK**.

To unlock your phone using the **Face Unlock** function, bring your face to the centre of the screen. Your phone will identify your face and unlock.

Home Screen

Your phone is preloaded with multiple themes. The screen layout varies depending on the theme. The default theme is used as an example in this section.



1 Notification bar: Displays notifications and status icons. Flick the notification bar downwards to open the notification panel.

2 Display area: The main display area of your phone.

3 Menu key: Touch to open the application list.

4 Shortcuts: Touch to open the corresponding applications.

 To move an application or widget, touch and hold its icon, and then drag the icon to the target location. To remove an item, drag it to the trash can.

Notification and Status Icons

	Signal strength		No signal
	GPRS network connected		GPRS network in use
	EDGE network connected		EDGE network in use
	3G network connected		3G network in use
	HSPA network connected		HSPA network in use

	Roaming		Airplane mode
	Bluetooth on		Receiving location data from GPS
	Speaker activated		Alarm enabled
	Vibration mode		Silent mode
	Call muted		Charging
	Battery full		Battery extremely low

	Call in progress		Missed calls
	Call in progress using a Bluetooth headset		New mail in your Gmail account
	New message		Message not sent
	New chat message		New email
	New voicemail		Connected to a PC

	Open Wi-Fi network available		Upcoming event
	Uploading		Downloading
	Phone memory full		- Storage location can be changed - Sign-in or synchronisation problem
	Preparing the microSD card		More undisplayed notifications

	Synchronising data		Synchronisation failed
	Portable Wi-Fi hotspot activated		USB tethering
	Connected to a VPN		Select input method
	Headset plugged in		SIM card not found
4G	4G network connected	4G	4G network in use

Switching Between the Home Screen and Its Extensions

Flick left or right across the screen to switch between the Home screen and its extensions.



Changing the Theme

- To select a theme, on the Home screen, touch  > **Theme settings**.

Changing the Wallpaper

1. On the Home screen, touch  > **Wallpaper**.

2. To set the wallpaper, select an image from:

- Gallery
- Live wallpapers
- Wallpapers

❗ You can also touch and hold a blank area of the Home screen and select a source from the displayed options menu to set the wallpaper.

Using Auto-rotate Screen

If you rotate your phone when browsing a web page, viewing an image, or composing a message, the orientation of your screen will change to landscape or portrait view automatically.



On the Home screen, touch  > **Settings** > **Display**, and then clear the **Auto-rotate screen** check box to disable this function.

Managing the Notification Panel

Using the notification panel, you can check your network operator and view notifications, reminders, and events.

To open the notification panel, flick the notification bar downward. From here you can:

- Quickly open or close an application.
- Flick left or right on a notification to delete it.

- Touch **X** to delete all notifications.
- Touch  to display the settings screen.

Flick upwards to hide the notification panel.

Using Shortcuts

Open the notification panel for the following shortcuts:

- Touch  to turn Wi-Fi on or off.
- Touch  to turn Bluetooth on or off.
- Touch  to turn GPS on or off.
- Touch  to turn the data connection on or off.
- Touch  to turn the Auto-rotate Screen function on or off.

Accessing Applications and Widgets

To access the application list, on the Home screen, touch  .
From the application list, you can:

- Touch an icon to open an application.
- Flick left or right across the screen to switch between application lists.
- Touch the **WIDGETS** tab to switch to the widget list.

Viewing Recently Used Applications

To display the list of recently used applications, press and hold  . To open an application, touch the corresponding thumbnail. To close the application, flick left or right across the screen.

Managing Shortcuts and Widgets

- To add a shortcut icon or widget: From the application list, touch and hold an application icon, and then drag it to the Home screen. From the widget list, touch and hold a widget, and then drag it to the Home screen.
- To delete a shortcut icon or widget: On the Home screen, touch and hold a shortcut icon or widget, and then drag it to the trash can.
- To customise the size of a widget: You can adjust the size of some widget icons. To do so, on the Home screen, touch and hold a widget. Four  are displayed. Adjust the widget's size by moving the .
- To move a shortcut icon to the shortcut bar: On the Home screen, touch and hold a shortcut icon that you want move to

the shortcut bar, and then drag it to the shortcut bar at the bottom of the screen. If there is no available space, a folder will be created for the overlapped icons.

Managing Folders on the Home Screen

- To create a folder: Drag an application icon onto another application icon to create a new folder that contains both icons.
- To rename a folder: On the Home screen, touch a folder, and then touch the folder name field beneath it.
- To delete a folder: On the Home screen, touch and hold a folder, and then drag it to the trash can.
- To move a folder to the shortcut bar: On the Home screen, touch and hold a folder, and then drag it to the shortcut bar.

Calling

To make a call, you can manually enter phone numbers on the dialer, touch a number in your contacts list or call log, or use voice control. During a call, you can choose to keep the current call on hold to answer an incoming call, forward the incoming call to your voicemail, or start a conference call.

To open **Phone**, touch  > **Phone**.

Making a Call

1. On the **Phone** screen, touch  to switch to the dialer tab.
2. Enter a phone number.
3. Touch  to make a call.

-  Be careful not to block the microphone or the speaker to avoid affecting the call quality.

Making a Call from Contacts

1. On the **Phone** screen, touch  to switch to the contacts tab.
2. Touch a contact to place a call.

Making a Call from the Call Log

1. On the **Phone** screen, touch  to switch to the call log tab.
2. Touch  to the right of an entry to place a call to that number.

Using Voice Dialing

Calls can be placed using voice dialing. When you open the voice dialing application, your phone's speaker will be enabled.

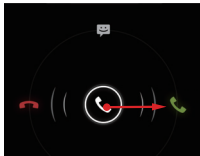
ⓘ Background noise will affect the accuracy of voice dialing.

1. On the Home screen, touch  > **Voice Dialer**.
2. Follow the onscreen instructions, then say your command close to the microphone. Your phone will identify the command and make a call.

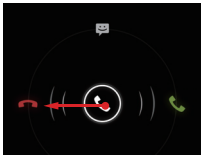
Answering or Rejecting a Call

When a call comes in, you can:

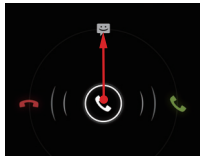
- Answer the call: Drag  to the right.



- Reject the call: Drag  to the left.



- Reject the call and send a text message to the caller: Drag  upwards.



- ⓘ On the **Phone** screen, touch  > **Settings** > **Quick responses** to edit the message that will be sent.

Operations During a Call

During an active call, you can touch any of the following buttons:

-  : Ends the call.
-  : Opens the dialer for you to enter another number.
-  : Activates the speakers.
-  : Mutes your microphone.
-  : Places the current call on hold. This function is network dependent. To use this service, contact your network operator.
-  : Displays your contacts list for you to select a contact to add to the current call. This function is network dependent. To use this service, contact your network operator.



 : Returns to the Home screen, from where you can use other functions. To return to the call screen, open the notification panel and touch **Current call**.

Making a Conference Call

Conference calls allow conversations between more than two people at a time.



Contact your network operator to ask if conference calls are supported and, if yes, how many parties can participate.

1. To initiate a conference call, dial the number of the first participant. After connecting to the first participant, keep the connection open, and touch  .

2. Enter the phone number of the next participant, or touch  ,
 to select a phone number. The first participant is automatically placed on hold while this process is carried out.
3. Once you have connected to the second participant, touch  to begin the conference call.
4. To end the conference call, touch .

Switching Between Calls

-  To use this service, subscribe to your operators's call switching function. For details, contact your network operator.

If you receive an incoming call while you are already busy on a call, you can answer the new call and place the current one on hold. Touch  to switch between the two calls.

Supplementary Services

Your phone supports multiple supplementary services, including call forwarding and call waiting. These services are network dependent. For details, contact your network operator.

Forwarding a Call

Your phone can be set up to forward incoming calls to a new number.

1. On the **Phone** screen, touch  > **Settings** > **Call forwarding**.
2. Select a forwarding mode, and enter the phone number to which you want to forward your incoming calls.
3. Touch **Enable** to switch on the call forwarding function.

Call Waiting

With the call waiting function enabled, your phone plays an alert if someone calls you when you are already busy on the phone. The caller is also informed that you are busy and is prompted to wait until you finish the call. You can put the current call on hold and answer the incoming call, and switch between the two calls. To enable Call Waiting:

1. On the **Phone** screen, touch  > **Settings** > **Additional settings**.
2. Select the **Call waiting** check box to enable the function.

Using the Voicemail Service

The voicemail function enables your phone to forward unanswered calls to your voicemail inbox, including unanswered calls when you are busy on other calls and calls received when your phone is powered off.

- ⓘ Contact your network operator to subscribe to the voicemail function and obtain your voicemail number. If required, enable the call forwarding function and set all incoming calls to be forwarded to your voicemail inbox.

To set your voicemail number:

1. On the **Phone** screen, touch  > **Settings** > **Voicemail settings**.
2. Touch **Voicemail number** to enter your voicemail number, and then touch **OK**.

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

Contacts

People enables you to save and manage contacts on your phone, including such details as your contacts' phone numbers and addresses.

On the Home screen, touch  > **People** to open **People**.

Importing Contacts from a SIM Card

1. In the contacts list, touch  > **Manage contacts**.
2. Touch **Copy from SIM card**.
3. Touch one contact to import that contact individually to your phone, or touch **SELECT ALL** to import all contacts to your phone.
4. Touch **COPY**.

5. If you have more than one account on your phone, touch the account to which you want to import the contacts.

Creating a Contact

1. In the contacts list, touch .
 2. Select an account, then edit the contact information.
 3. Touch **DONE** to save the contact.
-  To save a contact from your call log, touch and hold the desired phone number to display the options menu, and then touch **Add to contacts**.

Communicating with a Contact Quickly

In the contacts list, touch the contact's picture or picture frame (if no picture is assigned to the contact) and touch one of the displayed icons to select the method you want to use to communicate with the contact, for example, placing a call, or sending a text message or an email. The available icons depend on the information you have saved for the contact, the applications on your phone, and your accounts.

Adding a Contact to Your Favorites

In the contacts list, select a contact and touch  on the right of the contact's name. If  turns white, the contact is saved to your favorites list.

Searching for a Contact

1. In the contacts list, touch .
2. Enter the first letters of the contact name in the search box. Search results appear as you type.

 To search for a contact quickly, use the scroll bar on the right of the screen.

Editing a Contact

1. In the contacts list, touch the contact you want to edit, then .
2. After changing contact information, touch **DONE** to save the changes. To discard the changes, touch  > **Cancel**.

Deleting a Contact

1. In the contacts list, select the contact you want to delete, and then touch  > **Delete**.
2. Touch **OK**.

Managing Contact Groups

Creating a Contact Group

1. In the contacts list, touch  to display the groups list.
2. Touch .
3. Enter the group name.
4. Touch **Add members**, select one or more contacts, then touch **ADD MEMBERS**.

5. Touch **DONE** to save the contact group.

Editing a Contact Group

You can change a contact group at any time. To update the information or members:

1. Select a group, and touch  > **Edit**.
2. Make desired changes, such as changing the group name and adding or deleting a contact.
3. Touch **DONE**.

You can also edit a single contact in a group. To do so, select the contact you want to edit, and then touch . When your changes are complete, touch **DONE** to save the changes. To discard the changes, touch  > **Cancel**.

Adding a Contact to a Group

Select a group, touch  to select the desired contact, and then touch **ADD MEMBERS**.

Joining Contacts

To avoid duplicate contacts in your list, join two or more contacts together to form a single contact. Note that contacts stored in the SIM card cannot be joined.

1. From the contacts list, touch a contact you want to join.
2. Touch **Manage joined contacts > Add contact**, and then select another contact to combine with the first contact selected.

 You can also separate a contact and assign different communication methods to the contact. From the contacts list, select a contact you want to separate, touch **Manage joined contacts** to display the joined contacts list. Touch the cross sign X next to a contact to separate the contact.

Sending a Contact

You can send contacts as a .vcf file via Bluetooth , Email or Messaging.

1. In the contacts list, touch a contact.
2. Touch  > **Share**.
3. Select your preferred method for sending the selected contact (Bluetooth, Email or Messaging).

Backing Up Your Contacts

1. In the contacts list, touch  > **Manage contacts**.
2. From the displayed options menu, choose **Export to storage**. A message is displayed showing the storage location to which the .vcf file of your contacts will be exported.
3. Touch **OK** to export your phone's contacts to the storage device. By default, the file exported will be saved in the root directory of your phone's memory. To change the default storage location, go to **Settings > Storage > Default storage location**.

 You can copy the .vcf files on the microSD card to your computer in case data stored on the microSD card becomes damaged.

Contacts can also be restored to your phone. To restore contacts, in the contacts list, touch  > **Manage contacts > Import from storage**, and then select one or multiple .vcf files to restore your contacts.

Text Input

- ❗ The keyboard layout may vary slightly depending on the input method. Figures in this section are provided for your reference only.

Using the Onscreen Keyboard

Text can be entered using the onscreen keyboard. To open the onscreen keyboard, touch a text field.

To hide the onscreen keyboard, touch ↵.

Switching Between Text Input Methods

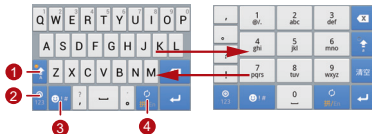
1. When the keyboard is displayed, open the notification panel.
2. Touch **Select input method** to select a desired input method.

- 🔍 You can also change the default input method. To change the default input method, on the Home screen, touch  > **Settings** > **Language & input** > **Default**, and then select a desired default input method.

Huawei Input Method

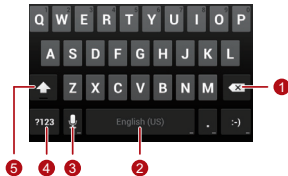
Using the Huawei Keyboard

Slide your finger left or right across the onscreen keyboard to switch between the QWERTY and alphanumeric keyboards.



- 1 When the text entry method is for lower-case letters, touch to capitalise the next letter you enter, or touch and hold to capitalise all letters you enter.
- 2 In English input mode, touch to switch to the emoticon keyboard.
- 3 In English input mode, touch to change the input language.
- 4 In English input mode, touch to switch to the numbers and symbols keyboard.

Using the Android Keyboard



-
- 1
 - Touch to delete the character to the left of the cursor.
-

-
- 2
 - Touch to enter a space.
 - Touch and hold to switch to another input method.

 - 3
 - Touch to switch to voice input.
 - Touch and hold to go to the **Input options** screen.

 - 4
 - Touch to switch to the number and symbol keyboard.

 - 5
 - Touch to capitalise the next character you will enter.
 - Touch and hold to capitalise all characters you will enter.
-

-  On the Home screen, touch  > **Settings** > **Language & input**. Touch  to the right of **Android keyboard** to display the **Android keyboard settings** screen. Touch **Voice input key** to set whether the voice input key appears on the **Android keyboard**. You can enable or disable the voice input function by selecting or deselecting **Google voice typing** in the **Settings** > **Language & input** section. To select the language you want to use for voice input, touch  to the right of **Google voice typing**.

Editing Text

To edit text quickly, touch and hold the text you have entered, and choose the content you want to edit. You can then edit the text quickly using icons in the upper right corner as follows:

-  : Select all content.

-  : Cut the selected content. Touch and hold the text. Drag the grab points to select the text you want to cut. Then touch this button to cut the selected text. After the text is cut, touch a blank area in the text field to display . Move  to select where you want to paste the text. Touch  > **PASTE** to paste the previously cut text.
-  : Copy the selected text. Touch and hold the text. Drag the grab points to select text you want to copy. Touch this button to copy the text. After the text is copied, touch a blank area in the text field to display . Move  to where you want to paste the text. Touch  > **PASTE** to paste the previously copied text.
-  : Move the cursor to an input position. Touch this icon to replace the selected content with what you just cut or copied.

Using the Landscape Keyboard

To use a wider keyboard, turn your phone sideways. Your phone will automatically display the keyboard in landscape mode.

ⓘ To have the phone automatically change its screen orientation, select **Auto-rotate screen**.

Selecting an Input Method

To customise the settings of the input method you selected.

1. On the Home screen, touch  > **Settings > Language & input**.
2. In **KEYBOARD & INPUT METHODS**, touch  next to an input method to customise its settings.

Messaging

On the Home screen, touch  > **Messaging** to open the message application.

Sending a Message

1. On the messages list screen, touch .
2. Enter the recipient's phone number and compose the message. To attach a photo or an audio file, touch .
3. When the message is ready to be sent, touch  to send the message.

❗ After you add multimedia files, the message automatically changes from a text message to a multimedia message.

Adding a Slideshow

To attach more than one file to your message:

1. On the message editing screen, touch .
2. Touch **Slideshow** to start editing the slideshow, or add another presentation slide.
3. When editing the slideshow, you can:
 - Touch **Preview** to view the slides you have composed.
 - Touch **Add picture** to add an image.
 - Touch **Remove slide** to remove slide.
4. Touch **Done** to finish composing your slideshow and return to the multimedia message screen.



- You can also touch  to edit the slide.
- To replace an image, touch **Replace** on the slide editing screen.

5. When the message is ready to be sent, touch  .

Replying to a Message

1. From the messages list, select the message you want to reply to.
2. Compose your reply, and touch  to send the message.

Searching for a Message

To find a message quickly: On the messages list screen, touch  and enter the message content to search for.

Customising Message Settings

To customise settings such as text message settings, multimedia message settings, and message notification ringtones, in the message list, touch  > **Settings**.

Setting the Message Ringtone

1. In the message list, touch  > **Settings** > **Choose ringtone**.
2. Select the desired ringtone.
3. Touch **OK**.

Using Talk

Talk is Google's instant messaging service. You can use it to communicate in real time with other people using **Talk** on a phone or on the Internet.

Opening Talk

To open Talk, on the Home screen, touch  > **Talk**.

 Your **Talk** account is linked to the Google account you have set up on your phone.

Adding a Friend

1. In your friends list, touch .
2. Enter the Gmail address of the friend you want to add.
3. Touch **DONE**.

Accepting an Invitation

1. If you have invited someone to chat or if someone has invited you to chat, the invitation message is displayed in the recipient's or your friends list.
2. To accept an invitation, touch a pending invitation, and then touch **Accept**.

Starting a Chat

1. Touch a friend's name from your friends list.
2. Use the onscreen keyboard to enter a message.
3. When the message is ready, touch  to send the message.

Setting Notifications for New Instant Messages

When you receive an instant message, your phone can play a ringtone, vibrate, or display a notification icon.

1. On the accounts screen, touch  > **Settings**.
2. Select your account.
3. In the **CHAT NOTIFICATIONS** section, select one of the following:
 - **IM notifications:** Select the check box to display a notification icon on the notification bar when you receive an instant message.
 - **Notification ringtone:** Touch to select a ringtone for new instant messages. When you receive an instant message, your phone plays the ringtone. To disable the ringtone, touch **Silent**.

- **Vibrate:** Select the check box to set your phone to vibrate when you receive an instant message.

Logging Out of Talk

To exit **Talk**, in the friends list, touch , then **Sign out**.

Data Connection

Turning On Mobile Data Services

1. On the Home screen, touch  > **Settings**.
2. In the **WIRELESS & NETWORKS** section, touch **More... > Mobile networks**.
3. Select the **Data enabled** check box.



- Mobile networks services are provided by your network operator and may incur data traffic charges. To avoid unnecessary charges, clear the **Data enabled** check box.
- To turn data roaming on, on the **Mobile network settings** screen select the **Data roaming** check box. Accessing data

services while roaming may incur additional charges. Contact your network operator for details about data roaming charges.

- Access point settings have been configured on your phone. Note that changing these settings may prevent you from accessing the Internet.

Using Wi-Fi

Your phone can connect to a Wi-Fi network to access the Internet.

1. On the Home screen, touch  > **Settings**.
2. In the **WIRELESS & NETWORKS** section, touch the switch on the right of **Wi-Fi**.
3. In the **WIRELESS & NETWORKS** section, touch **Wi-Fi** to display the settings screen. Your phone will scan for Wi-Fi hotspots within range and display a list of detected Wi-Fi networks.

4. Select the desired Wi-Fi network. If you select a secured network, enter the password when prompted.



- If Wi-Fi and mobile network are both enabled, your phone connects to the Wi-Fi network preferentially and switches to the mobile network when Wi-Fi is unavailable.
- To add a new Wi-Fi hotspot Service Set Identifier (SSID), on the **Wi-Fi** settings screen touch **ADD NETWORK**.
- Obstacles such as walls may impede Wi-Fi signals, reducing the signal strength.

Connecting to Wi-Fi Using WPS

Wi-Fi Protected Setup (WPS) is also called fast safe setup. It simplifies the setup of a Wi-Fi connection. Instead of complex settings on the Wi-Fi hotspot management software, the WPS function allows you to set up a safe Wi-Fi connection by pressing the WPS button or entering the PIN.



Before connecting your device to a Wi-Fi hotspot, ensure that the Wi-Fi hotspot supports the WPS function.

Using the WPS Button

1. Enable Wi-Fi, and then go to the **Wi-Fi** screen. In Wi-Fi network list, touch the hotspot you want to connect to.
2. In the displayed dialog box, select the **Show advanced options** check box. Touch **off** in **WPS**, and then choose **Push button > Connect** from the displayed options menu.
3. Touch the Wi-Fi access point button. A message will be displayed when your phone connects to the network.

WPS PIN Connection

1. Enable Wi-Fi, and then go to the **Wi-Fi** screen. In the Wi-Fi network list, touch the hotspot you want to connect to.
 2. In the displayed dialog box, select the **Show advanced options** check box. In the **WPS** section, touch **off**, and then select **PIN from access point > Connect** from the displayed options menu. The selected Wi-Fi access point will receive a PIN.
 3. Enter the PIN to your phone, and touch then **Connect**. Your phone will display a message when it connects to the network.
- ❗ You also can select **PIN from this device** to connect to a Wi-Fi hotspot.

Sharing Your Phone's Data Connection

To share your phone's data connection with a PC, connect your phone to the PC using a USB cable. You can also turn your phone into a portable Wi-Fi hotspot and share your phone's data connection with a number of devices at the same time.

Sharing Your Phone's Data Connection via USB

If the PC runs Windows 7, Windows Vista, or a recent version of Linux OS (such as Ubuntu 10.4), you can use your phone's USB tethering function without configuring any settings on the PC. If you are running an earlier version of Windows or another OS, your PC will identify and install a driver automatically.

To use **USB tethering** with different OSs, you may need to prepare your PC to establish a corresponding network connection.

- ❗ • You cannot share your phone's data connection via **USB tethering** and access its microSD card as a mass storage device at the same time.
- Using **USB tethering** will incur data traffic charges. For details, contact your network operator.

1. On the Home screen, touch  > **Settings**.
2. In the **WIRELESS & NETWORKS** section, touch **More... > Tethering & portable hotspot**.
3. Select the **USB tethering** check box to share your phone's data connection with your PC. You can now access the Internet from the PC.

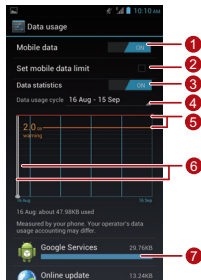
Sharing Your Phone's Data Connection as a Portable Wi-Fi Hotspot

1. On the Home screen, touch  > **Settings**.
 2. In the **WIRELESS & NETWORKS** section, touch **More... > Tethering & portable hotspot**.
 3. Select the **Portable Wi-Fi hotspot** check box to share your mobile network.
-  To change the Wi-Fi hotspot's name or secure it, touch **Configure Wi-Fi hotspot**.

Controlling Data Usage

With **Data usage**, you can set a data usage cycle and the mobile data limit for this period. You will be notified when data usage reaches the set limit. You can also query the data usage within a certain period or by a certain application.

On the Home screen, touch  > **Settings** > **Data usage** to configure the data usage settings:



1 Touch **Mobile Data** to turn on or off the mobile data function. The mobile data function must be turned on to configure data control and query data usage.

2 Select the **Set mobile data limit** check box. When data traffic reaches the preset limit, your phone's mobile data connection will be disabled.

3 Touch **Data statistics** to turn on or off the collection of data usage statistics function. If the feature is enabled, power consumption will be heavy on high data rate networks, such as an LTE network.

4 Touch the scroll arrow beside **Data usage cycle**, then **Change cycle....** After setting the data usage cycle, touch **Set**.

5 Drag the red line to set a data usage limit or the orange line to set a warning limit. When data traffic reaches the yellow line, you will be notified; when data traffic reaches the red line, your phone's mobile networks data connection will be disabled.

6 Scroll the white time axis to view data usage within a certain period.

7 Touch an application to check its data usage.

On the data usage settings screen, touch  to display the options menu and you can:

- Turn on data roaming: Select the **Data roaming** check box.
- Prevent background mobile data traffic: Select the **Restrict background data** check box.

- View Wi-Fi data usage: Select the **Show Wi-Fi usage** check box, and a **Wi-Fi** tab is displayed. Touch to tab to view Wi-Fi data usage.

Bluetooth

Your phone supports Bluetooth, which allows you to transfer data to and from paired Bluetooth devices.

- ⓘ When using Bluetooth, stay within 10 meters (33 feet) of other Bluetooth devices. Note that obstacles such as walls or other electronic equipment may block or interfere with your Bluetooth connection.

Turning On Bluetooth

1. On the Home screen, touch  > **Settings**.

2. In the **WIRELESS & NETWORKS** section, touch the switch on the right of **Bluetooth**, and a Bluetooth icon will be displayed on the notification bar.
3. Touch **Bluetooth**, and your device's Bluetooth name is displayed on the screen. Touch the device name and set your device to be visible to other Bluetooth devices.

- 🔑 To change your device's name, touch  > **Rename phone**, then **Rename**.

Scanning for and Pairing with Another Bluetooth Device

To pair your phone with another Bluetooth device for data transmission:

1. Check that the Bluetooth function is enabled on your phone.

2. On the Home screen, touch  > **Settings**.
3. In the **WIRELESS & NETWORKS** section, touch **Bluetooth**. Your phone will then scan for other Bluetooth devices within range.
4. From the list of the Bluetooth devices searched, choose the device you want to connect, and then follow the onscreen information to pair.

To disconnect from the Bluetooth device, in the **PAIRED DEVICES** section touch  > **Unpair**.

Transferring a File via Bluetooth

Using Bluetooth you can share pictures, videos, and audio files stored in the **File Manager** with your friends.

1. Touch and hold the file you want to transfer, and then choose **Share > Bluetooth** from the displayed options menu.

2. From the detected Bluetooth device list, select the desired device.

DLNA

Digital Living Network Alliance (DLNA) enables users using the same Wi-Fi network to share multimedia files easily.

-  Before using the DLNA function, ensure that your device and other DLNA devices have connected to the same Wi-Fi network and DLNA is enabled on all devices.

Touch  > **DLNA** to display the **DLNA** screen. You can then share pictures, videos, and audio files with other DLNA devices, as well as view and download the multimedia files shared by other DLNA devices.