

7	Touch to add a carriage return.
8	Delete a character to the left side of the cursor. Touch and hold to delete all the characters on the left side of the cursor.
9	Touch to see more candidate words.

Android keyboard panel



1	Change from upper case to lower case.
2	Change from the text mode to the symbol/number mode.
3	Touch to insert a space.
4	Touch to insert a smile in your text.
5	Delete a character on the left of the cursor. Touch and hold to delete all the characters on the left of the cursor.

How to use the landscape keyboard

When entering text, you can choose to use the landscape orientation of the onscreen keyboard, by turning the mobile phone sideways, to find the larger horizontal onscreen keyboard easier to use.

Inputting Text, Numbers, and Symbols

With the onscreen keyboard, you can conveniently enter text, numbers, and symbols.

How to type in intelligent mode

The intelligent input mode features accurate selection, intelligent correction, and predictive input. To enable the function, please refer to “Customizing the Inputting Settings” on page 60.

1. Touch the keys with your desired letters in turn. You do not need to consider the position of the letter on the key.
2. The candidate words will be displayed above the keyboard panel according to your input. If word suggestions is enabled, the suggested word is highlighted.
3. Enter the desired text:
 - Touch space key to enter the suggested word and insert a space.
 - Touch the desired word to enter it.

Tip: The Intelligent input mode has a powerful mistyping correction engine. Even if all the letters are mistyped, TouchPal can still predict the right word.

How to type in normal mode

If you do not like using the intelligent mode, you can just type in the normal way:

- In the **Full QWERTY** keyboard layout, start typing your word by pressing the letter keys.

- You can flick upwards on a key to make it type in upper case. Flick downwards for a symbol. To enable the function, please refer to “Customizing the Inputting Settings” on page 60.
- Touch and hold the key you need to display the character list.

Editing text

You can edit the text you enter in text fields and use menu commands to cut, copy, and paste text, within or across applications.

How to edit text

1. Touch the text field that contains the text to edit.
2. Use the Navigation key to move the cursor to the location where you want to add or delete text.
3. Type, cut, paste, or delete text.
4. Press the Back key when you are finished typing, to close the keyboard.

How to select text

1. Touch the text field or other portion of the screen that contains the text to select.
2. Use the Navigation key to move the cursor to the beginning or end of the text to select.
3. Press and hold the OK key, or touch and hold the text field. A options menu opens for cutting, copying, and performing other tasks with the text field.
4. Touch **Select text**. Or touch **Select all** to select all the text in the text field.
5. Press the Navigation key to select the text you want.
6. Press and hold the OK key again (or touch and hold the text field) to open a menu you can use to cut or copy your selection, select all the text, or stop selecting text.

How to cut or copy text

1. Select the text to cut or copy.

2. Press and hold the OK key, or touch and hold the selected text.
3. Touch **Cut** or **Copy** in the menu that opens.

How to paste text

1. Copy the text to paste.
2. Touch the field where you want to paste the text.
3. Use the Navigation key to move the cursor to the location where you want to paste the text.
4. Press and hold the OK key, or touch and hold the text field.
5. Touch **Paste** in the options menu.

Customizing the Inputting Settings

Touch **Main Menu > Settings > Language & keyboard > TouchPal** to customize the TouchPal settings.

Word prediction	Select to have the word prediction while typing.
Key press sound	Select to play a brief sound each time you touch a key on the onscreen keyboard.
Key press vibration	Select to have the phone vibrate briefly each time you touch a key on the onscreen keyboard.
Layout in portrait mode	Select the layout in portrait mode.
Layout in landscape mode	Select the layout in landscape mode.
Swipe to switch layout	When the check box is selected, you can swipe horizontally over the keyboard to switch layout.

Mixed language input	When the check box is selected, the mobile phone will auto detect language if no more than 3 languages selected.
Select languages	Select the language you may use.
Predict next word	When the check box is selected, you can get the predict next word while typing.
Correct mistyping	Select to automatically correct some common misspellings as you type.
Slide-down symbols	When the check box is selected, you can slide down on keys to input symbols.
Relevant words	When the check box is selected, you can slide on candidates for relevant words.
Help	Access the online user manual for using TouchPal
TouchPal	View the version of TouchPal.

Open the application menu, and then touch **Settings > Language & keyboard > Android keyboard** to customise the Android keyboard settings.

Vibrate on keypress	Select to have the phone vibrate briefly each time you touch a key on the onscreen keyboard.
Sound on keypress	Select to play a brief sound each time you touch a key on the onscreen keyboard.

Auto-capitalization	Select to have the onscreen keyboard automatically capitalize the first letter of the first word after a period, the first word in a text field, and each word in name fields.
Quick fixes	Select to automatically correct some common misspellings as you type.
Show suggestions	Select to show suggested words in a strip above the onscreen keyboard as you type.
Auto-complete	Select to automatically enter a suggested word, highlighted in orange in the strip above the keyboard, when you enter a space or punctuation.

Messaging

You can use the **Messaging** application to exchange text messages (SMS) and multimedia messages (MMS) with your friends on their mobile phones. You can also use the **Email** application to read and send email.

SMS and MMS

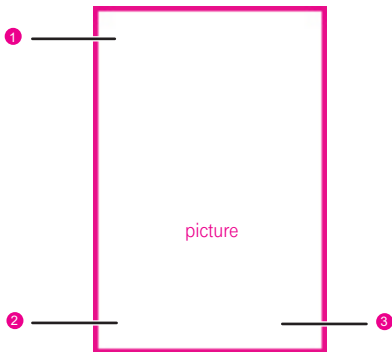
Text messages: One text messages is just a short and sweet 160 characters. Still, do not be at a loss for words – you can send a message over the character limit. Recipients will receive the message as one text message, and it will simply count as two for you.

Multimedia messages: Why not record a chorus of 'Happy Birthday' and send it as an audio file to your best friend? Or send your anxious mother a photo of your bungee-jumping exploits... perhaps a picture slideshow of your holiday snaps would be kinder. Whatever you decide, multimedia messages make everyday message that bit extra special.

How to open Messaging

- Touch the Messaging button on the Home screen.
- Touch **Main Menu > Messaging**.

Messaging list



-
- | | |
|---|--|
| 1 | Touch an icon to open Quick Contact. Please refer to “Quick Contact for Android” on page 50. |
| 2 | Touch to compose a new text or multimedia message. |
| 3 | Touch to open an existing message thread. |
-

How to create and send a text messages

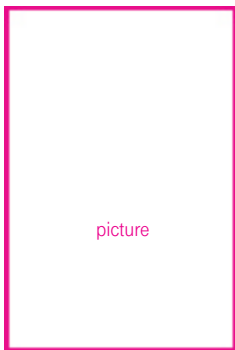
1. Touch **Main Menu > Messaging > New message**. Please refer to “Text message editing screen” on page 65.
2. Enter a phone number in the **To** field, or touch **+** to pick a number from **Contacts**.

Tip: As you enter the phone number, matching contacts appear. You can touch a suggested recipient or continue entering the phone number.

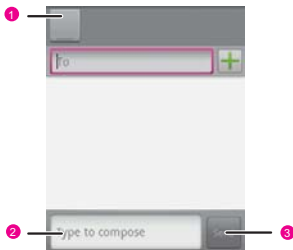
3. Touch the composition text box to start entering your message.

Tip: If you press the Back key while composing a message, it is saved as a draft in your messaging list. Touch the message to resume composing it.

4. Once you are done, touch **Send**. The messaging list opens, with your message after your name. Responses appear in the window. As you view and send additional messages, a message thread is created.



Text message editing screen



1	Touch to enter a mobile phone number or the name of a contact with a mobile number.
2	Touch to start entering your message.
3	Touch to send the message.

How to create and send a multimedia message

1. Touch **Main Menu > Messaging > New Message**. Please refer to “Text message editing screen” on page 65.
2. Enter a phone number in the **To** field, or touch **+** to pick a number from **Contacts**.

Tip: You can also press the **MENU** key, and then touch **Add recipient** to add more recipients.

3. Touch the composition text box to start entering your message.

Tip: You can also press the **MENU** key, and then touch **Insert smiley** to enter a smiley.

4. Press the **MENU** key to display the options panel.
5. Touch **Add subject** to add the message subject. Your mobile phone is now on multimedia message mode.
6. Touch **Attach** to add a picture, music, or video file. Then you can touch the following:
 - **Pictures:** You are prompted to touch a picture to attach it.
 - **Capture picture:** Camera opens so you can take a picture and attach it.
 - **Videos:** You are prompted to touch a video to attach it.
 - **Capture video:** Camcorder opens so you can shoot a video and attach it.
 - **Audio:** You are prompted to touch a ringtone to attach it.
 - **Record audio:** A screen opens where you can record a spoken message and attach it.

- **Slideshow:** A screen opens where you can assemble photos into a slideshow of up to 10 slides to attach to the message. Please refer to "To add slideshows" on page 67.

7. When it is finally ready to be sent, touch **Send**.

To add slideshows

If you want to add more than one attachment to your message, you can add slideshows.

1. On the message editing screen, press the **MENU** key to display the options panel.
2. Touch **Attach > Slideshow**, and then select a slideshow to start editing it.

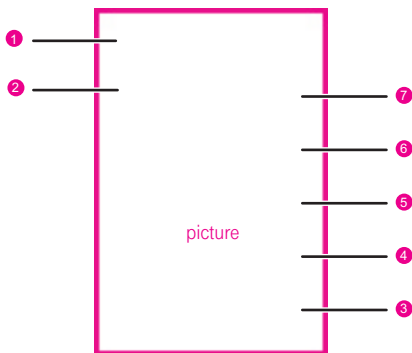
Tip: You can also press the **MENU** key, and then touch **Add video**, **Add Audio** and so on to add more or set the slideshow, such as to add music, set the slideshow duration, or set the layout.

3. Press the **MENU** key, and then touch **More > Add slide** to add more slideshows.

Tip: You can touch the green arrow icon to switch between slideshows.

4. Touch **Done** to finish editing your message and go back to the sending screen.
5. On the sending screen, you can go back to alter your multimedia message by touching **Edit**. When it is finally ready to be sent, touch **Send**.

Slideshow editing screen



1	Show the thumbnail of the current slide.
2	Touch to edit the text in the current slide.
3	Touch to finish editing and go back to the sending screen.
4	Touch to delete the current slide.
5	Touch to add picture to the current slide, or replace the picture in the current slide.
6	Touch to view the entire multimedia message.
7	Touch to go to the previous or next slide.

How to receive a message

Depending on your notification settings, the mobile phone will play a ringtone, vibrate, or display the message briefly in the status bar when you receive a new text or multimedia message.

How to open and read a text message

- Press the Home key, and then open the notification panel. Touch the new message to open and read it.
- Touch **Main Menu > Messaging**, and then touch the message thread to open and read it.

How to open and view a multimedia message

1. Touch **Main Menu > Messaging**, and then touch the message thread to open it.
2. Touch the Play button at the top of a multimedia message to view the message.
3. Press the **MENU** key followed by **Next slide** to view the next slide.

How to reply to a message

1. Touch **Main Menu > Messaging**, and then touch a text or multimedia message thread to open it.
2. Touch the text box to edit your message, and then touch **Send**.

How to delete messages

1. Touch **Main Menu > Messaging** to display the messaging list. Please refer to "Messaging list" on page 64.
2. Select one of the messages using the Navigation key. Then do the following in the messaging list:
 - Touch and hold a message thread, and then touch **Delete thread** in the options menu to delete the message thread.
 - Touch a message thread to open it, and then touch and hold the message that you want to delete. Touch **Delete message** in the options menu to delete the message.
 - Press the **MENU** key, and then touch **Delete**. Select threads that you want to delete, or touch **Select all**. Touch **Delete** to confirm.

How to use the Provisioning message

Provisioning Message lets you set the network parameters of your mobile phone. The server sends a message containing configuration parameters to the provisioning message box. Touch **Main Menu > Provisioning message**, and then open the message. Your mobile phone then automatically sets the parameters. Talk to us for more information.

How to customize the message settings

In the messaging list, press the **MENU** key and touch **Settings** to customize the message settings.

Storage settings

Delete old message	Select to delete old message as limits are reached.
Text message limit	Touch to set the number of messages to save per thread of text messages.
Multimedia message limit	Touch to set the number of messages to save per thread of multimedia messages.

Text message settings

Delivery reports	Select to receive delivery reports for the messages you send.
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Multimedia message settings

Delivery reports	Select to receive delivery reports for the messages you send.
Read reports	Select to receive read reports for the messages you send.

Auto-retrieve	Select to retrieve messages automatically.
Roaming auto-retrieve	Select to retrieve messages automatically while roaming.

Notification settings

Notifications	Select to receive a notification whenever you receive a new message.
Select ringtone	Select to set the ringtone to sound when you receive new message notifications.
Vibrate	Select to have the phone vibrate when you receive a new message notification.

Email

Your mobile phone puts email at your fingertips too, and using your email application you can add versions of Yahoo!, AOL and other popular email accounts to your phone. In technical-lingo, this kind of email account is called a POP3, IMAP or Exchange account.

How to add an email account

When using the **Email** application for the first time, you need to configure your Email account. The Email setup wizard helps you set up your account for many popular Email systems, so you can read and work with the same Email as you do on a computer in a web browser, or with another Email application.

You can also set up an a Microsoft Exchange ActiveSync account, so you can read and work with the same Email as you do on a computer using Microsoft Outlook.

1. Touch **Main Menu > Email**. Now you will need to tweak your email settings to suit you.

2. To do this, simply answer the onscreen prompts, and then touch **Next**. Or touch **Manual Setup** if you want to set the mail server yourself.

Note: If you touch **Manual Setup**, contact your email service provider for the values required for your account.

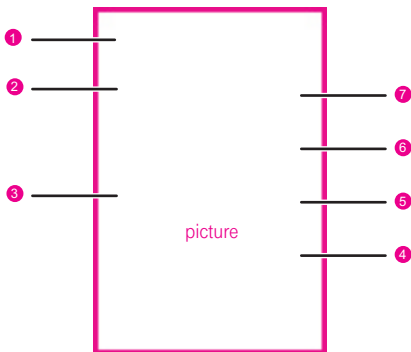
3. Depending on the service provider, you may be asked what kind of email account you have. If you are not sure, ask your email service provider.
4. Enter the name for your account and the name you want other people to see when they receive an email from you.
5. Touch **Done. Email** starts downloading your email messages and you can start using it to send and receive messages

Note: After the initial setup, **Email** opens to the last screen you were viewing or, if you have not used **Email** recently, it displays the contents of your Inbox or the accounts screen.

Email account screen

The accounts screen lists each of your Email accounts. If you have starred, draft, or unsent messages in any of your accounts, the folders for those items from all accounts are displayed as well.

From a folder screen, press the **MENU** key, and then touch **Accounts** to access the account screen.



1	If you have configured Email to send and receive email from more than one account, touch to view all messages sent to all accounts.
2	Touch to open a list of your starred messages.
3	Touch to open its Inbox.
4	Displays the number of unread messages in color.
5	Displays the number of unread messages in gray.
6	Indicates the default account from which you send email.
7	Touch to open a screen listing the account's folders.

To add other email accounts

After creating an email account, press the **MENU** key on the account screen, and then touch **Add account** to create another email account.

Tip: While adding a second or subsequent email account, you can also check the option to use the new account to send all outgoing messages.

How to delete an email account

1. Touch **Main Menu > Email**.
2. On the **Your accounts** screen, touch and hold the email account you want to delete.

Tip: On some Email screens, you can press the **MENU** key, and then touch **Accounts** to access the **Your accounts** step.

3. Touch **Remove account**.
4. Touch **OK** to confirm.

How to change email account settings

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

Note: Your account's incoming settings and outgoing settings depend on the kind of email service for the account: Exchange ActiveSync, IMAP, or POP3. You can enter the necessary details manually, though you will typically need to contact your email service provider to determine the right settings for your account.

1. Touch **Main Menu > Email**.
2. On the **Your accounts** screen, touch and hold the email account you want to delete.

Tip: On some Email screens, you can press the **MENU** key, and then touch **Accounts** to access the **Your accounts** step.

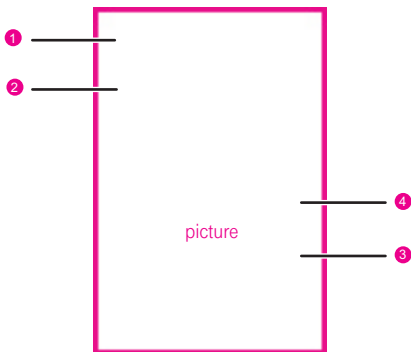
3. Touch **Account settings**.

How to view an email message

1. Touch **Main Menu > Email**.

- On the **Your accounts** screen, touch the email account you want to use.
- Access a folder, and then touch the message that you want to view.

Email message screen



1	Touch to read the next or previous message in the folder.
2	Show the sender's Google Talk online status.
3	Touch to open an attachment.
4	Touch to star an important message to make it easy to keep track of.

How to create and send an email message

- Touch **Main Menu > Email**.
- On the **Your accounts** screen, touch the email account you want to use.

3. On the **Inbox** screen, press the **MENU** key, and then touch **Compose** in the options panel.
4. Enter the name or email address in the **To** field.
5. Write the subject and email.

Tip: You can also press the **MENU** key, and then touch **Attach** to send a attachment with the message.

6. When you are finished, touch **Send**.

Tip: If you are not quite ready, touch **Save as draft** or press the Home key or Back key to save the message as a draft.

How to reply to an email message

1. Touch **Main Menu > Email**.
2. On the **Your accounts** screen, touch the email account you want to use.
3. Touch the email message to view the message.

Tip: To receive new email messages, press the **MENU** key and touch **Refresh** after you have logged in to your email box.

4. Touch **Reply** or **Reply all** to reply to the email message.

How to delete an email message

1. Touch **Main Menu > Email**.
2. On the **Your accounts** screen, touch the email account you want to use.
3. Touch the email message to view the message.
4. Touch **Delete** to delete the email message.

How to mark an email message unread

1. Touch **Main Menu > Email**.
2. On the **Your accounts** screen, touch the email account you want to use.
3. Touch the email message to view the message.

4. Press the **MENU** key, and then touch **Mark as unread**.

Getting Connected

GPRS/3G

Love to poke, post, blog, bid, dig, shop, surf, search and chat? Or maybe you can do without all that, and just like to email. Whatever you go online for, now you can do it on your mobile phone – with GPRS/3G/EDGE (when available) network settings.

How to check the network connection

1. Touch **Main Menu > Settings**.
2. Touch **Wireless & networks > Mobile network**.
3. Touch **Network operators** or **Access Point Names** to check the network connection.

Note: Generally your mobile phone will automatically read the access point of the SIM card. For this reason, do not change the parameters of the access point; otherwise, you might not be able to access network sources.

How to turn on the data service

1. Touch **Main Menu > Settings**.
2. Touch **Wireless & networks > Mobile network**.
3. Select **Data Service** check box to turn on the data connection.

How to limit your data connection to 2G networks

1. Touch **Main Menu > Settings**.
2. Touch **Wireless & networks > Mobile network**.

3. Select **Use only 2G networks** check box to limit your data connection to 2G networks.

How to edit or create a new access point

1. Touch **Main Menu > Settings**.
2. Touch **Wireless & networks > Mobile network > Access Point Names**.
3. Touch an existing APN to edit it. Or press the **MENU** key, and then touch **New APN**.
4. Enter the APN settings that you obtained from your wireless service provider by touching each setting that you need to edit.
5. When you are finished, press the **MENU** key, and then touch **Save**.
6. If you created a new APN, touch it in the APNs screen to start using it.

Wi-Fi

Wi-Fi (WLAN) gives you wireless access to broadband Internet access. To use Wi-Fi on your mobile phone, you need access to a wireless access point which we call a “hotspot”. The range of a Wi-Fi signal is affected by the obstacles that may be in its way.

How to turn on Wi-Fi

1. Touch **Main Menu > Settings**.
2. Touch **Wireless & networks**, and then select the **Wi-Fi** check box to turn on the Wi-Fi.

How to connect to a wireless network

1. After turning on the Wi-Fi, touch **Main Menu > Settings**.
2. Touch **Wi-Fi settings**. You will see a list of detected Wi-Fi networks in the **Wi-Fi networks** section.
3. Touch a Wi-Fi network to connect to it.
 - If you select an open network, you will be automatically connected to the network.

- If you select a network that is secured with Wired Equivalent Privacy (WEP), enter the key, and then touch **Connect**. If you connect to a secured wireless network which you have already used, you will not be prompted to enter the WEP/WPA key again unless you reset your mobile phone to its default settings

Tip: On the **Wi-Fi settings** screen, touch **Add Wi-Fi network** to add a new Wi-Fi network.

How to check the wireless network status

You can check the current wireless connection status from the following:

- Notifications bar: When your mobile phone is connected to a wireless network, the Wi-Fi icon appears in the notifications bar and tells you the approximate signal strength (number of bands that light up).
- Wi-Fi networks: Touch **Main Menu > Settings > Wireless & networks > Wi-Fi settings**. Then touch the wireless network that the mobile phone is currently connected to. A message box will be displayed showing the Wi-Fi network name, status, speed, signal strength, and more.

How to connect to another Wi-Fi network

1. Touch **Main Menu > Settings > Wireless & networks > Wi-Fi settings**. Detected Wi-Fi networks are displayed in the **Wi-Fi networks** section.
2. Touch another Wi-Fi network to connect to it.

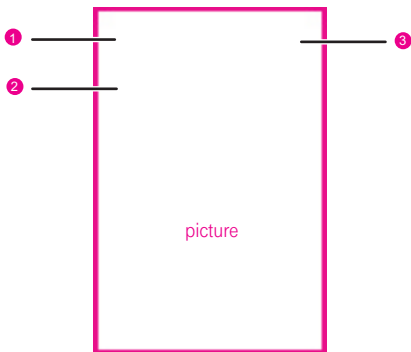
Tip: If the wireless network you want to connect to is not in the list of detected networks, scroll down the screen, and then touch **Add Wi-Fi network**. Enter the wireless network settings, then touch **Save**.

Browser

Your mobile phone comes with a browser. You can access and browse the Internet through **Browser**.

How to open the browser

Touch **Main Menu > Browser** – this will open the browser on the Orange home page.



- | | |
|---|--------------------------------------|
| 1 | Web page view area. |
| 2 | Touch to open the Bookmarks . |
| 3 | Touch to enter the desired website. |

You can press the **MENU** key to open the browser options menu and perform one of the following operations:

- **New window:** Touch to open a new window.
- **BookMarks:** Touch to open the favorite folder.

- **Windows:** Touch to go to the web preview screen. You can switch to another web page or open a new web page on the screen.
- **Refresh:** Touch to refresh the current page.
- **Forward:** Touch to browse the next web page or send someone a link to the current website.
- **More:** Touch to open other menus. Then, you can perform operations such as searching, text selecting, downloading, and setting.

How to open a web page

1. On a browser window, touch the URL field on top of the screen.
2. Enter the web page address using the keyboard. Or touch the microphone icon to search by voice.
3. As you enter the address, matching web page addresses will appear on the screen. Touch an address to go directly to that web page or continue entering the web page address.
4. Touch **Go**.

How to set a home page

1. On a browser window, press the **MENU** key.
2. Touch **More > Settings > Set home page**.
3. Enter the home page address, and then touch **OK**.

How to navigate on a web page

You can press the navigation key or slide your finger on the screen in any direction to navigate and view other areas of the web page.

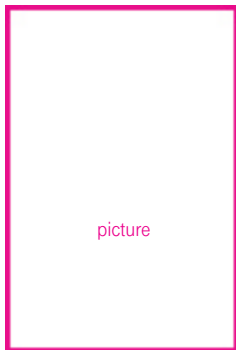
To zoom in and out on a web page

Touch the screen twice quickly to zoom in, and then touch the screen twice quickly again to zoom out. You can also use your fingers to pinch or spread the screen to zoom in and out.

To search on a web page

1. While viewing a web page, press the **MENU** key, and then touch **More > Find on page**.

2. Enter the search item. As you enter characters, matching characters will be highlighted.
3. Touch the left or right arrow to go to the previous or next matching item.



To select links on a web page

- Navigate to links on a web page using the Navigation key. Links are enclosed in a colored box when selected.
- The **Browser** also recognizes some phone numbers and addresses that allow you to call the phone number or locate the address in Google Maps. Recognized phone numbers and addresses are highlighted when navigated to.

How to download files

You can download files, webpages, and even applications from webpages.

To allow installing applications from the web or email

1. Touch **Main Menu > Settings > Applications**.
2. Select the **Unknown sources** check box.

3. Touch **OK**.

To download a file

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

How to view your downloads

On the browser screen, press the **MENU** key, and then touch **More > Downloads**. The download history screen will show a list of your downloads – you would not see any if you have not downloaded anything!

How to work with multiple Browser windows

To open a new browser window

Open multiple browser windows to make it easier for you to switch from one web site to another. You can open up to four browser windows.

1. On a browser window, press the **MENU** key, and then touch **Windows**.
2. Touch **New window**.
3. A new browser window opens and goes to the home page that is set.

Tip: On the **Windows** screen, touch the **X** button to close the window.

To switch between browser windows

1. On a browser window, press the **MENU** key, and then touch **Windows**.
2. Select the browser window you want to view by flicking your finger on the screen.

How to manage the bookmarks

You can store as many bookmarks as you want on your mobile phone.

To add a bookmark

1. On a browser screen, go to the web page you want to bookmark.

2. Press the **MENU** key, and then touch **Bookmarks > Add**. The add bookmark screen opens.
3. Edit the bookmark name if needed and then touch **OK**.

To open a bookmark

1. On a browser window, press the **MENU** key, and then touch **Bookmarks**.

Tip: On the **Bookmarks** screen, touch the **History** tab to view the pages you have visited. Or touch the **Most visited** tab to view the pages you have visited most frequently.

2. Touch the bookmark you want to open.

To edit a bookmark

1. On a browser window, press the **MENU** key, and then touch **Bookmarks**.
2. Touch and hold the bookmark you want to edit, and then touch **Edit bookmark**.
3. Enter your changes, and then touch **OK**.

How to customize the browser settings

Customize browser to suit your browsing lifestyle. Set display, privacy, and security options when using **Browser**. On the browser screen, press the **MENU** key, and then touch **More > Settings**.

Bluetooth

Your mobile phone does not have a set of pearly whites – it is just got Bluetooth! Switch it on and you will create a wireless connection with other Bluetooth devices, so you can share files with your friends, talk hands-free with a Bluetooth headset or even transfer your bank of phone photos onto your PC.

If you are using Bluetooth, remember to stay within 10 metres of other Bluetooth devices. What is more, be aware that obstacles may interfere with the connection, including walls or other electronic equipment.

How to turn on Bluetooth

1. Touch **Main Menu > Settings**.
2. Touch **Wireless & networks**, and then select the **Bluetooth** check box to turn on Bluetooth. You will know it is on when the Bluetooth icon appears in the notifications bar.
3. Touch **Bluetooth settings**, and then select the **Discoverable** check box to make the mobile phone visible to other Bluetooth devices.

How to pair and connect a Bluetooth device

Your mobile Bluetooth lets you do all this:

- Hands Free Profile (HFP): allows you to use a hands-free Bluetooth device.
- Headset Profile (HSP): allows you to use a mono Bluetooth headset.
- Object Push Profile (OPP): allows you to transfer files through Bluetooth.
- Advanced Audio Distribution Profile (A2DP): allows you to use a stereo Bluetooth headset.
- A/V Remote Control Profile (AVRCP): allows you to control what plays through the Bluetooth headset remotely.

Before you use the Bluetooth, you need to pair your mobile phone with another Bluetooth device as follows:

1. Check the Bluetooth function on your mobile phone is enabled.
2. Touch **Main Menu > Settings > Wireless & networks > Bluetooth settings**. Your mobile phone will then scan for Bluetooth devices in range (or touch **Scan for devices** to scan for Bluetooth devices).
3. Touch the device you want to pair with your mobile phone.
4. Enter the password to complete the connection.

How to send files via Bluetooth

With Bluetooth, you can share pictures, videos, or music files with your family and friends. To send files via Bluetooth, do as follows:

1. Touch **Main Menu > File Manager** to open the file manager.

2. Touch and hold the file to be sent. The active options menu is displayed.
3. Touch **Share**, and then touch **Bluetooth** to select the paired device from the detected Bluetooth devices.

How to disconnect or unpair a Bluetooth device

1. Touch **Main Menu > Settings > Wireless & networks > Bluetooth settings**.
2. Navigate to the **Bluetooth devices** section, and then touch and hold the connected device.

Tip: You can also just touch a connected device to disconnect it.

3. Touch **Disconnect & unpair** or **Unpair** to unpair the device.

Virtual Private Networks

VPN (Virtual Private Networks) is a private network that uses a public network (usually the Internet) to connect remote sites or users together. It helps distant colleagues work together

How to add VPN

1. Touch **Main Menu > Settings > Wireless & networks > VPN settings**.
2. Touch **Add VPN**, and then select a VPN type.
3. Set the parameter of the VPN.
4. Press the **MENU** key, and then touch **Save**. The VPN will be added in the **VPNs** list.

How to connect a VPN

1. Touch **Main Menu > Settings > Wireless & networks > VPN settings**.
2. In the **VPNs** section, touch the VPN you want to connect.
3. Enter the username and the password, and then touch **Connect**.

Tip: You can open the notifications panel, and then touch the

ongoing notification for the VPN connection to disconnect it.

Using the microSD™ Card as the USB Mass Storage

How to use the microSD card as the USB mass storage

To transfer all your favorite music and pictures from your PC onto your mobile phone's microSD card, set the microSD card as the USB mass storage.

1. Open **Main Menu > Settings**.
2. Scroll down the screen, and then touch **General info & option** to select the **USB Mass Storage** check box.
3. Press the **Back** button three times to return to the Home screen.
4. Connect your mobile phone to your PC with the USB cable. Your PC will detect the microSD card as a removable disk. You can now transfer files from your PC to your mobile phone's microSD card.

Note: When your microSD™ card acts as the USB mass storage, your mobile phone will not use this memory space. Your PC will tell you how to safely disconnect the USB mass storage device (that is your mobile phone by the way) when you have finished transferring files.

How to remove the microSD™ while your mobile phone is on

1. Open **Main Menu > Settings**.
2. Scroll down the screen, and then touch **SD card & phone storage > Unmount SD card**.
3. Carefully remove the microSD™ card.

Working with Secure Certificates

If your organization's VPN or Wi-Fi network relies on secure certificates, you must obtain the certificates and store them in your

mobile phone's secure credential storage before you can configure access to that VPN or Wi-Fi network on your phone.

Note: If your network administrator instructs you to download the certificates from a website, you are prompted to set a password for the credential storage when you download the certificates.

How to install a secure certificate from the microSD card

1. Copy the certificate from your computer to the root of the microSD card.
2. Touch **Main Menu > Settings > Location & security**.
3. Touch **Install from SD card**.
4. Touch the file name of the certificate to install.
5. If prompted, enter the certificate's password, and then touch **OK**.
6. Enter a name for the certificate, and then touch **OK**.

Modem Behaviour

You can use the dialup software in your mobile phone to set the mobile phone as a modem.

1. Connect the mobile phone to the computer using your USB cable.
2. Select the **Install DialUp** button and follow the instructions to install it on your PC.

How to make your mobile phone work as a modem

To make your mobile phone work as a modem, do as follows:

1. Make sure your mobile phone's data connection is turned on.
2. Connect the mobile phone to the computer using your USB cable.
3. Run the **DialUp.exe** file on your PC. For more information, refer to the Help of the PC suite.

Entertainment

From your camera to music player, with tons more at your fingertips there is no need to twiddle your thumbs. Play it by ear with a favorite track or shoot from the hip and take a snap – boredom take a final bow, mobile entertainment is here right now.

Taking Photos and Recording Videos

Camera is a combination camera and camcorder that you use to shoot and share pictures and videos. Pictures and videos are stored on the phone's microSD card, so you must install one to use camera.

How to open your camera

- Touch **Main Menu > Camera** to open the camera; or you can press and hold the Capture key on any screen to open the camera. Camera opens in landscape mode, ready to take a picture or shoot a video.
- Press the Back key on the picture capture screen to close the camera.

Capture screen



Tip: On the capture screen, touch the screen to show the zoom in or out controls.

1	Touch to open the settings panel.
2	Touch to zoom in or out.
3	Touch to take a photo or shoot a video.
4	Drag up to shoot videos (camcorder mode), drag down to take photos (camera mode).
5	Thumbnail of last photo. Touch to preview the photos or videos.

Tip: On the capture screen, press the **MENU** key to show the capture panel.

How to take a photo

1. Touch **Main Menu > Camera** to open the camera.

2. Switch to the camera mode, please refer to “Capture screen” on page 91.
3. If necessary, open the settings panel to change the camera settings. The preview image changes as you change the settings. Please refer to “How to customize the camera settings” on page 93.
4. On the photo capture screen, frame the photo within the screen.
5. Press half-way down on the Capture key. Your camera has autofocus, and when the frame turns green whatever is in the frame is in focus.
6. Press the Capture key or the Shutter icon to take your photo.
7. The photo you just took is displayed for a moment. Then you can take another photo or preview your photos.

How to view your photos

1. After taking a photo, a thumbnail of the photo you have just taken is shown on the right. Touch the thumbnail to view it.
2. Touch onscreen button, you can select the following:
 - Touch **Delete** to delete the photo.
 - Touch **SHARE** to send the photo in a message or post it online.
 - Touch **Set as** to set the photo as a wallpaper or a contact icon.

Tip: Press the **MENU** key, you can edit the photo, view the details of the photo and show the photo on Maps.

3. If you want to view more photos, touch the screen, and then touch the previous button or next button.

How to shoot a video

1. Touch **Main Menu > Camera** to open the camera.
2. Switch to the camcorder mode, please refer to “Capture screen” on page 91.
3. If necessary, open the settings panel to change the camcorder settings. Please refer to “How to customize the camcorder settings” on page 94.

4. Frame the scene where you want to start.
5. Press the Capture key or touch the Start video icon to start recording a video. The camcorder starts shooting the video.

Note: The time remaining to shoot counts down at the left; when less than a minute is left, the countdown turns red.

6. Press the Capture key or touch the Stop video icon to stop shooting. Then you can shoot another video or preview your videos

How to view your videos

1. After recording a video, a thumbnail of the video you have just recorded is shown on the right. Touch the thumbnail to view it.
2. Touch onscreen button, you can select the following:
 - Touch **Delete** to delete the video.
 - Touch **SHARE** to send the video in a message or post it online.
 - Touch **PLAY** to play the video.

Tip: On the video playing screen, touch the controls to skip forward or back or to play or pause the video.

Tip: Press the **MENU** key, you can view the details of the video.

3. If you want to view more videos, touch the screen, and then touch the previous button or next button.

How to customize the camera settings

1. On the capture screen, press the **MENU** key to show the capture panel.
2. Touch **Settings** to open the camera settings panel.

Tip: You can also open the settings panel on the capture screen.

3. Touch the setting category you want to control, and then touch a setting.

- **White balance:** Touch to select how camera adjusts colors in different kinds of light, to achieve the most natural-looking colors for your shots.
 - **Color effect:** Touch to select a special effect for your shots, such as monochrome, sepia tone, or negative.
 - **Store location:** Check to include the location of each picture you take, using the phone's GPS.
 - **Picture size:** Touch to set the size (in pixels) of the pictures you take.
 - **Picture quality:** Touch to set the quality of the pictures you take.
 - **Focus mode:** Touch to set camera to use its auto-focus feature, or to more quickly take pictures focused at infinity.
4. Press the Back key to close the settings panel.

How to customize the camcorder settings

1. On the capture screen, switch to the camcorder mode, and then press the **MENU** key to show the capture panel.
2. Touch **Settings** to open the camera settings panel.

Tip: You can also open the settings panel on the capture screen.
3. Touch the setting category you want to control, and then touch a setting.
 - **Video quality:** Opens a dialog where you can set the video quality appropriate for sending to your friends or for viewing on a computer.
 - **Video duration:** Opens a dialog where you can set the maximum length of your videos.
 - **White balance:** Touch to select how camera adjusts colors in different kinds of light, to achieve the most natural-looking colors for your shots.
 - **Color effect:** Touch to select a special effect for your shots, such as monochrome, sepia tone, or negative.
4. Press the Back key to close the settings panel.

Using the Gallery

Your clever **Gallery** application can automatically search for pictures and videos on your mobile phone and microSD card. It can also sort them into folders, and lets you view and edit pictures, watch videos and set a picture as the wallpaper or photo for a contact.

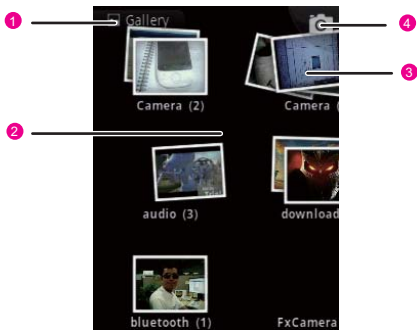
How to open the Gallery

Touch **Main Menu > Gallery** to open the application.

Gallery screen

The **Gallery** application organizes your pictures and videos by storage location. It stores your files in folders. Touch one a folder to view pictures or videos.

Note: If you have a great many pictures or videos on your microSD card or in Picasa web albums, it may take Gallery a few minutes when you open it to discover and organize them.



- 1 Touch in any view to return to the main **Gallery** screen.
- 2 Slide left or right to view more albums.
- 3 Touch to an album of the photos and videos you took with Camera.
- 4 Touch to open **Camera**.

How to view an album's contents

1. Touch **Main Menu > Gallery**.
2. Touch the album whose contents you want to view.

Album contents screen



- 1 Show the name of the album.
- 2 Touch a picture or video to view it.

-
- | | |
|---|---|
| 3 | Touch an arrow to scroll a screenful at a time.
Drag left or right to scroll rapidly. |
| 4 | Touch to switch from grid to stack view.
Stacks are sorted by the date and location where you took them. |
-

How to select more than one albums

1. Touch **Main Menu > Gallery**.
2. Press the **MENU** key twice.
3. Select the albums you want to work with.

Tip: You can select or deselect all items by touching **Select All** or **Deselect All** at the top of the screen.

4. Use the controls button at the bottom of the screen to share or delete the selected items.

Tip: You can touch **More** at the bottom of the screen, and then select to view the details of the selected items.

How to select pictures or videos in an album

1. Touch **Main Menu > Gallery**.
2. Touch the album whose contents you want to view.
3. Press the **MENU** key twice.
4. Select the pictures or videos you want to work with.

Tip: You can select or deselect all items by touching **Select All** or **Deselect All** at the top of the screen.

5. Use the controls button at the bottom of the screen to share or delete the selected items.

Tip: You can touch **More** at the bottom of the screen, and then select to view the details or rotate the selected items.

How to share pictures or videos

1. When viewing an album, press the **MENU** key twice.
2. Select the videos or pictures that you want to share.
3. Touch **Share**. An options menu will appear.
4. Choose the way you want to share your picture.

How to view a picture

1. Touch **Main Menu > Gallery**.
2. Touch the album which contains the picture you want to view.
 - Flick the picture left or right to view the previous or next picture.
 - Touch **Slideshow** to play a slideshow of your pictures (providing the folder you select has pictures in).

Picture screen



- | | |
|---|--|
| 1 | Touch to return to the album screen. |
| 2 | Touch to play a slideshow of your pictures. |
| 3 | Touch the picture to see the controls.
Drag left or right to see the next or previous picture in the album. |
| 4 | Touch to zoom in or out; or just double-tap the picture. |

How to rotate a picture

1. When viewing a picture, press the **MENU** key to display more operations panel.
2. Touch **More**.
3. Select either **Rotate left** or **Rotate right**. The picture is saved with the new orientation.

How to crop a picture

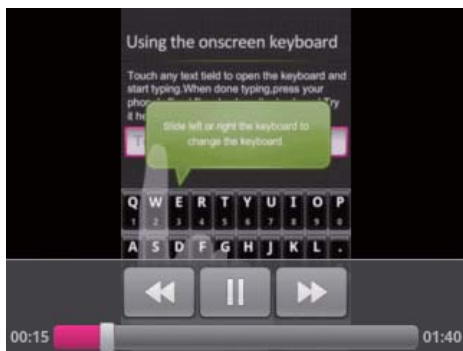
1. When viewing a picture, press the **MENU** key to display more operations panel.
2. Touch **More**, and then touch **Crop**.
3. Use the cropping tool to select the portion of the picture to crop.
 - Drag from the inside of the cropping tool to move it.
 - Drag an edge of the cropping tool to resize it to any proportion.
 - Drag a corner of the cropping tool to resize it with fixed proportions.
4. Touch **Save** to save the cropped picture.

How to view the location of a picture in Google Maps

1. When viewing a picture, press the **MENU** key to display more operations panel.
2. Touch **More**.
3. Touch **Details**. **Google Maps** opens, centered on the location stored in the picture.

How to play a video

1. Touch **Main Menu > Gallery**.
2. Touch the album which contains the video you want to play.
3. Touch the video you want to play. The video will start to play.
4. Touch the video to show the playback panel.



Enjoying the Music

How to copy music to the microSD card

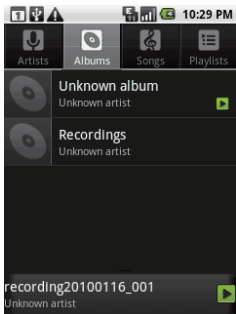
1. Connect the phone to your computer with a USB cable and mount the microSD card.
2. On the PC, navigate to the USB drive and open it.
3. Create a folder on the root folder of the microSD card (for example, **Music**).
4. Copy the music into the folder you have created.
5. After copying music, unmount or eject the drive as required by your PC's operating system to safely remove the mobile phone.
6. Disconnect the mobile phone from the PC.

How to open the Music

Touch **Main Menu > Music** to display the media library.

Library screen

The **Music** application organizes your music files by storage location. It contains four tabs: **Artists**, **Albums**, **Songs** and **Playlists**.



Tip: Press the **MENU** key, you can touch **Party shuffle** or **Shuffle all** to randomly play your songs.

How to play music

1. Touch **Main Menu > Music**, and then touch a tab on the music library screen.
2. Touch the song you want to play.

Tip: When you are enjoying the music, touch the Home key, you can use another application. Your music continues to play. Open the notifications panel, and then touch the song, you can return to the music controls.

Music player screen



- | | |
|---|---|
| 1 | Touch and hold to search for information. |
| 2 | Touch to control the music. |
| 3 | Touch to set the repeat mode. |
| 4 | Touch to turn the shuffle on or off. |
| 5 | Touch to open the current playlist. |

How to create a playlist

1. Touch **Main Menu > Music**, and then touch a category on the music library screen.
2. In the list that appears, use the Navigation key to reach the first song you want to add to the playlist.
3. Touch and hold the song, and then touch **Add to playlist** on the options menu.

4. Touch **New** to create a new playlist and add the song to it.

How to delete a playlist

1. Touch **Main Menu > Music**, and then touch **Playlists** on the music library screen.
2. On the playlists screen, touch and hold the playlist you want to delete.
3. Touch **Delete** to delete the playlist.

How to add music to a playlist

1. Touch **Main Menu > Music**, and then touch a category on the music library screen.
2. In the list that appears, use the Navigation key to reach the song you want to add to the playlist.
3. Touch and hold the song, and then touch **Add to playlist** on the options menu.
 - Touch **Current playlist** to add the song to an existing playlist.
 - Touch **New** to create a new playlist and add the song to it.

How to rearrange songs in a playlist

1. Touch **Main Menu > Music**, and then touch the **Playlists** tab on the music library screen.
2. On the playlists screen, touch a playlist to open it.
3. Drag a song up or down to change its order in the playlist.

How to delete music from a playlist

1. Touch **Main Menu > Music**, and then touch a category on the music library screen.
2. In the list that appears, use the Navigator key to reach the song you want to delete from the playlist.
3. Touch and hold the song, and then touch **Remove from playlist** on the options menu. Or press the **MENU** key, and then touch **Clear playlist** to remove all the songs from the playlist.

How to play a playlist

1. Touch **Main Menu > Music**, and then touch the **Playlists** tab on the music library screen.
2. On the playlists screen, touch and hold the playlist you want to play.
3. Touch **Play** to play the playlist.

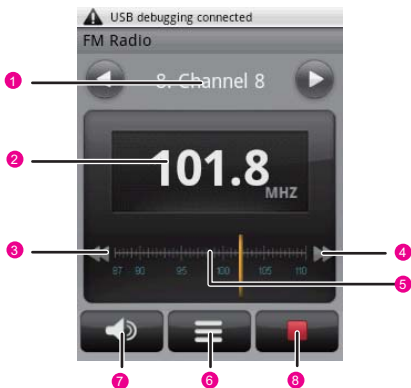
Listening to FM Radio

FM Radio lets you listen to FM radio stations on your mobile phone. Since FM Radio uses the provided wired stereo headset as the antenna, connect the headset first to the audio jack of your phone before you open the application.

How to open the FM Radio

1. Touch **Main Menu > FM Radio** to open the application.
2. The first time you open FM Radio, touch **Auto tuning**, it automatically scans for available FM channels, saves them as presets, and plays the first FM channel found.

FM Radio screen



- | | |
|---|--|
| 1 | Shows the channel name. |
| 2 | Shows the FM radio frequency. |
| 3 | Touch to search the FM band for the previous FM channel. |
| 4 | Touch to search the FM band for the next FM channel. |
| 5 | Flick left or right to search the previous or next FM channel. |
| 6 | Touch to view all presets list. |
| 7 | Touch to switch between the headset and the speaker. |
| 8 | Touch to stop listening the FM Radio. |

Press the **MENU** key to display the operations panel, you can set more **FM Radio** options.

How to tune the FM Radio

1. Touch **Main Menu > FM Radio** to open the application.
2. Press the **MENU** key, and then do the following:
 - Touch **Inching tuning**, and then touch the tuning button to tune the frequency by -0.05 MHz or $+0.05$ MHz, and then touch **OK**. After tuning, press the **MENU** key, and then touch **Save channel** to save it.
 - Touch **Auto tuning** to automatically scans for available FM channels.

How to rename the channel

1. Touch **Main Menu > FM Radio** to open the application.
2. Press the **MENU** key, and then touch **Rename channel**.
3. Enter the new name, and then touch **OK**.

Google Services

Creating a Google Account

When you turn on the mobile phone for the first time, touch the Google services such as **Google Talk**, **Gmail**, and **Market**, you will be prompted to sign in to your Google account.

Note: Make sure that your mobile phone has an active data connection (3G/GPRS) before you sign in to your Google account.

If you already have a Google account, you can sign in straight away by touching **Sign in**. Then you just have to enter your username and password.

If you do not have a Google account, here is how you can create one:

1. Read the setup information on the screen, and then touch **Next**.
2. Touch **Create**.
3. Enter a username and password for your Google account, and then touch **Next**. Then the mobile phone will connect to the Google server to check if the username is available. If the username you entered is already in use, you will have to think up another one or select one from a list.
4. Enter and confirm your Google account password.
5. Select a security question from the drop down menu, and then enter the answer.
6. Touch **Create**.
7. When the **Google Terms of Service** screen appears, touch **I agree**, and then touch **Next**.

8. Enter the characters that appear on the screen, and then touch **Next**.
9. When your Google account is successfully created, touch **Finish setup**.

Tip: To use another Google account, open the application menu, and then touch **Settings > Applications > Manage applications > Google Apps**. On the application info screen, touch **Clear data**. When you next try to use a Google service, your mobile phone will ask you to log in to your desired account.

Using Gmail

Super search engine Google does super email accounts too. **Gmail** arranges your inbox so that sent messages are grouped together with their relevant replies. That means an email conversation or “thread” is conveniently kept together and is easy to see as it is arranged by subject in your inbox. A new message or new subject begins a new thread.

How to open Gmail

Touch **Main Menu > Gmail**. The **Inbox** conversation list appears. Any emails you decide to keep on your mobile phone will go to your **Inbox** folder.

How to switch accounts

1. Touch **Main Menu > Gmail**. The **Inbox** conversation list appears.
2. Press the **MENU** key, and then touch **Accounts**.
3. Touch the account that contains the email you want to read.

How to refresh Gmail

1. Touch **Main Menu > Gmail**.
2. Press the **MENU** key, and then touch **Refresh** to send or receive new emails and to synchronize your emails with your **Gmail** account on the web.

How to create and send an email

1. Touch **Main Menu > Gmail**.
2. Press the **MENU** key, and then touch **Compose**.
3. Enter the message recipient's email address in the **To** field. If you are sending the email to several recipients, separate the email addresses with a comma. You can add as many message recipients as you want.

Tip: If you want to send a carbon copy (Cc) or a blind carbon copy (Bcc) of the email to other recipients, press the **MENU** key, and then touch **Add Cc/Bcc**.

4. Enter the email subject and write your message.

Tip: If you want to add a picture attachment, press the **MENU** key, and then touch **Attach**. Select the picture you want to attach, and then touch **OK**.

5. After composing your email, touch **Send**.

How to read an email

Gmail groups each message you send with all the responses you receive. This conversation list continues to grow as new replies arrive, so you can always see your messages in context. Conversations are also referred to as message threads. A new message or a change to the subject of a current message will begin a new thread.

Depending on your notification settings, the mobile phone plays a ringtone, vibrates, or displays the email message briefly in the notifications bar when you receive a new email. A new email message icon also appears in the notifications bar to notify you of a new email.

- Press and hold the notifications bar, and then flick down your finger on the screen to open the notifications panel. Touch the new email to view it.
- While in the **Inbox** folder, touch the unread email or the conversation with the unread email to view it.

How to reply to or forward an email

1. Touch **Main Menu > Gmail**.
2. Scroll down to the end of the conversation.
3. Touch **Reply**, **Reply to all**, or **Forward**.
4. Do one of the following:
 - If you selected **Reply** or **Reply all**, enter your reply message.
 - If you selected **Forward**, specify the message recipients.
5. Scroll down to the end of the message, and then touch **Send**.

How to search for emails

1. Touch **Main Menu > Gmail**.
2. Press the **MENU** key, and then touch **Search**.
3. Enter the search keyword in the box, and then touch **Search**.

How to view your sent emails

1. Touch **Main Menu > Gmail**.
2. Press the **MENU** key, and then touch **View labels > Sent**.

How to add a signature to emails

1. Touch **Main Menu > Gmail**.
2. Press the **MENU** key, and then touch **Settings > Signature**.
3. Enter your signature in the text box, and then touch **OK**.

How to synchronize your Gmail messages

1. Touch **Main Menu > Gmail**.
2. Press the **MENU** key, and then touch **Settings > Labels**.
3. Touch a label whose synchronization settings you want to change.
 - **Sync none**: Do not download any messages that have only this label.
 - **Sync 4 days**: Download the previous 4 (or number of days you set) of messages.
 - **Sync all**: Download all messages with this label.

Tip: On the label synchronization settings screen, touch **Number of days to sync** to set how many days of messages to synchronize.

How to customize your Gmail

1. Touch **Main Menu > Gmail**.
2. Press the **MENU** key, and then touch **Settings**.
3. Set the following options:
 - **Signature:** Touch to enter a signature that is appended at the end of your emails.
 - **Confirm delete:** Select the check box to show a confirmation box when you delete a conversation.
 - **Batch operations:** Select the check box to show the batch operations feature. The batch operations feature lets you archive, delete, or apply a label to multiple emails at once.
 - **Clear search history:** Touch to remove the history of the results you have touched when searching for messages.
 - **Labels:** Touch to select which **Gmail** labels to synchronize.
 - **Email notifications:** Select the check box to show a notification icon on the notifications bar when you receive a new email.
 - **Select ringtone:** Touch to choose a ringtone for a new email message. You will get to hear a short sample of the ringtone when you select it. If you do not want a ringtone to play when you receive a new email message, touch **Silent**. Then touch **OK** to confirm your ringtone selection.
 - **Vibrate:** Select the check box if you want your mobile phone to vibrate when you receive a new email message.

Using Google Talk

Who said patience is a virtue? With instant messaging on **Google Talk**, waiting is a thing of the past. So as long as your friends use **Google Talk** (either from their mobile phone or computer) you can enjoy quick-fire conversations all the time.

How to open Google Talk

Touch **Main Menu > Google Talk** to open the application.

Note: Your Google Talk account is based on the Google account you set up with your mobile phone.

How to add a new friend

1. Touch **Main Menu > Google Talk**.
2. Press the **MENU** key, and then touch **Add friend**.
3. Enter the **Google Talk** instant messaging ID or Google email address of the friend you want to add.
4. Touch **Send invitation**.

How to accept an invitation

1. Touch **Main Menu > Google Talk**.
2. Press the **MENU** key, and then touch **Invites**. If you have invited anyone to chat or if you have been invited to chat by someone else, this will show up on the pending invitations screen.
3. Touch a pending invitation, and then touch **Accept** or **Decline**.

How to change your online status

1. Touch **Main Menu > Google Talk**.
2. Touch the online status icon beside your name, and then select the status you want on the menu.
3. Touch the text box on the left of your online status icon, and then enter your status message using the onscreen keyboard.
4. Save your changes.

How to start a chat

1. Touch **Main Menu > Google Talk**.
2. Do one of the following:
 - Touch a friend in the friends list.
 - Navigate to a friend using the Trackball, and then press the Trackball.

3. Chat with your friend by entering text using the onscreen keyboard.
4. After entering your message, touch **Send**.

How to switch between active chats

1. Touch **Main Menu > Google Talk**.
2. While on a chat screen or in the friends list, press the **MENU** key, and then touch **Switch chats**.
3. On the panel that opens, touch the friend you want to chat with.

How to close a chat

- In the friends list, touch and hold a friend with an active chat, and then touch **End chat** on the menu.
- While on a chat screen, press the **MENU** key, and then touch **End chat**.

How to block a friend

1. Touch **Main Menu > Google Talk**.
2. In the friends list, find the friend you want to block.
3. Touch and hold the friend's name, and then touch **Block friend**.
Your friend is removed from your friends list and is added to the blocked-friends list.

How to pin a friend

You can pin a friend to make sure that friend always appears in your **Most popular** friends list.

1. Touch **Main Menu > Google Talk**.
2. In the friends list, touch and hold the friend's name to open the options menu.
3. Touch **Pin friend**.

How to show a friend in the most popular list

1. Touch **Main Menu > Google Talk**.
2. In the friends list, press and hold the friend's name to open the options menu.

3. Touch **Show friend**.

Tip: To keep a friend from appearing in the most popular list, press and hold the friend's name, and then touch **Hide friend** on the menu. If you pinned the friend, the pin will be removed when you hide the friend.

How to set notifications for new instant messages

Whenever you receive an instant message, your mobile phone can play a sound, vibrate, or display an icon. To set up one of these handy notifications, start in the friends list, touch **Main Menu > Google Talk**, and then press the **MENU** key. Then touch **More > Settings**. Now choose from one of the following:

IM notifications	Select the check box to receive a notification on the notification bar when you receive an instant message.
Select ringtone	Touch to choose the ringtone used for a new instant message. You will get to hear a short sample of the ringtone when you select it. To turn the ringtone off, select Silent .
Vibrate	Select the check box to make your mobile phone vibrate when you receive a new instant message.

How to set mobile indicators

You can check what type of device your friend is using to chat in **Google Talk**. In the friends list, check the image that appears to the right of your friend's name. When you do not see an image, it indicates that your friend signed in last from a computer.

You can also choose to show a mobile indicator.

1. Touch **Main Menu > Google Talk**.
2. Press the **MENU** key, and then touch **More > Settings**.

3. Select the **Mobile indicator** check box, and then press the Back key. The mobile indicator icon will display along with your name in other people's Friends list and will let your friends know what type of mobile device you are using.

How to sign in automatically

You can sign in to your **Google Talk** account automatically every time you turn on your mobile phone.

1. Touch **Main Menu > Google Talk**.
2. Press the **MENU** key, and then touch **More > Settings**.
3. Select the **Automatically sign in** check box, and then press the Back key.

How to sign out Google Talk

1. Touch **Main Menu > Google Talk**.
2. In the friends list, press the **MENU** key, and then touch **More > Sign out** to quit **Google Talk**.

Using Google Maps

Google Maps lets you find your current location, view real-time traffic situations (depending on availability), and get detailed directions to different destinations (on different types of maps, like vector, satellite, or street map).

How to enable location source

Before you open maps and find your location or search for places of interest, you must enable "location source".

1. Touch **Main Menu > Settings**.
2. Touch **Location & security**.
3. In the **My Location settings** section, select **Use wireless networks** check box, **Use GPS satellites** check box, or both.

How to open Google Maps

Touch **Main Menu > Google Maps** to open the application.

How to find your location on the map

1. Touch **Main Menu > Google Maps**.
2. Press the **MENU** key, and then touch **My Location**. Your location will then appear on the map as a blinking blue dot.

How to search for places of interest

1. Touch **Main Menu > Google Maps**.
2. Press the **MENU** key, and then touch **Search**.
3. Enter the place you want to search for in the search box, and then touch the search icon.
4. Your search results will then be displayed. Touch a place you are interested in to show where it is on the map.

How to navigate on a map

Roll the Trackball or flick your finger in any direction on the screen to view other areas of the map.

How to change the map mode

1. Touch **Main Menu > Google Maps**.
2. When viewing a map, press the **MENU** key, and then touch **Map mode**.
3. Select **Map**, **Satellite** or **Traffic** (or **Street View** where available).

How to get directions

1. Touch **Main Menu > Google Maps**.
2. While viewing a map, press the **MENU** key, and then touch **Directions**.
3. Enter the starting point in the first text box, and then enter your destination in the second text box.
4. Touch **Go**. Your directions then appear in a list.
5. Touch a direction instruction on the list to show the map.
6. When you finish viewing or following the direction, press the **MENU** key, touch **More**, and then touch **Clear map** to reset the map.

Using YouTube

That cat that plays the piano, the dirty dancing bride and groom, the spoof ads, mad pranks and slickest chart videos – **YouTube** reads like a who's who of every online tape sensation. And this free online video streaming service now works on your mobile phone. To make the most of the full **YouTube** features (such as viewing "My account"), however, you must first create a **YouTube** account on your computer before you can use it on your mobile phone.

How to open YouTube

Touch **Main Menu > YouTube**. You will then see the Youtube screen. The videos will be grouped into categories, such as **Featured, Most popular, Most viewed, Top rated**, and more.

How to watch a video

1. Touch **Main Menu > YouTube**.
2. Touch a category to see the videos within it.
3. Touch a video to play.
4. Touch the screen to display the playback controls.
5. Press the Back key to stop playback and return to the videos list.

How to search for a video

1. Touch **Main Menu > YouTube**.
2. Press the **MENU** key, and then touch **Search**.
3. Enter a search keyword, and then touch the search button.
4. You will see the number of search results displayed beneath the notification bar. Scroll through the results and touch a video to watch it.

How to share a video

1. Touch **Main Menu > YouTube**.
2. Do one of the following:
 - While viewing videos in a list, touch and hold a video, and then touch **Share** on the options menu.

- While watching a video, press the **MENU** key, and then touch **Share**.
3. A new email message appears with the video link automatically added to the email message.
 4. Compose your email, and then send it.

Using Market

Market gives you direct access to useful applications and fun games downloadable to your mobile phone. It also lets you send feedback and comments about an application, or flag an application that you find objectionable or incompatible with your mobile phone.

How to open Market

1. Touch **Main Menu > Market**.
2. When you open **Market** for the first time, the **Terms of Service** window will appear. Touch **Accept** to continue.

How to get help

If you ever need help or have questions about **Market**, press the **MENU** key, and then touch **Help**. The browser will take you to the help web page.

How to search for applications

There are a few different ways to find applications from the **Market** home screen, including:

- Featured applications – scroll horizontally to view more.
- A list of applications by category – including subcategories, which you can sort by popularity (most to least) or by date (newest to oldest).
- A list of games.
- A search function.
- My downloads.

How to install an application

Note: If you want to install a non-Market application, before the installing, touch **Main Menu > Settings > Applications**, and then select the **Unknown source** check box to allow install the non-Market applications.

1. Touch **Main Menu > Market**.
2. Touch a category, and then touch the item you want to download.
3. On the item details screen, read more about the application, including its cost, overall rating, and user comments. If you scroll down to the **About the developer** section, you can see the other applications they have developed, visit their website, and send the developer an email.
4. To install the item, touch **Install** (if the item is free) or **Buy**, whichever is displayed.
5. To check the progress of the download, open the notifications panel. Most applications are installed within seconds. To stop an item downloading, touch **Cancel download**.
6. After the application is downloaded and installed on your mobile phone, the content download icon appears in the notifications bar.

How to manage applications

- On the **Market** home screen, touch **My downloads** to view your .
- On any of the **Market** screens, press the **MENU** key, and then touch **My downloads** to go to the screen.

How to uninstall an application

1. Touch **Main Menu > Market > My downloads**.
2. Touch the application you want to uninstall, and then touch **Uninstall**.
3. When prompted, touch **OK** to remove the application from your mobile phone.
4. Choose the reason for removing the application, and then touch **OK**.

Synchronizing Information

Some applications on your mobile phone give you access to the same personal information that you can add, view, and edit on your computer. When you add, change, or delete your information in any of these applications on the web, the updated information also appears on your mobile phone.

It is made possible through over-the-air data synchronization. The process occurs in the background and does not get in your way. When synchronizing, a data synchronization icon will be shown in the notifications bar.

Managing Your Accounts

You can synchronize contacts, email, and other information to your mobile phone from multiple Google accounts, Microsoft Exchange ActiveSync accounts, or other kinds of accounts, depending on the applications installed on your mobile phone.

For example, you could start by adding your personal Google account, so your personal email, contacts, and calendar are always available. Then you could add an Exchange ActiveSync account from work, so you can read your work email and have your work contacts handy. You can even add multiple Google accounts and other accounts.

How to add an account

To add some accounts, you may need to obtain details from an IT support representative about the service to which the account connects. For example, you may need to know the account's domain or server address.

When you add an account, **Contacts** compares any new contacts that you synchronize to your mobile phone with your existing contacts and attempts to join duplicates into a single entry in **Contacts**. This does not join that data for the accounts themselves; it just presents it as a single contact.

1. Touch **Main Menu > Settings > Accounts & sync**. The screen displays your current synchronization settings and a list of your current accounts.
2. Touch **Add account**.
3. Touch the kind of account to add.
4. Follow the onscreen steps to enter the required and optional information about the account. Most accounts require a username and password, but the details depend on the kind of account and the configuration of the service you are connecting to.
5. Configure the account. Depending on the kind of account, you may be asked to configure what kinds of data you want to sync to the mobile phone, name the account, and other details. When you are finished, the account is added to the list in the **Accounts & Sync settings** screen.
6. Depending on how you configured the account, email, contacts, and other information start syncing to your mobile phone.

How to remove an account

You can remove an account to delete it and all information associated with it from your mobile phone, including email, contacts, settings, and so on. You cannot remove some accounts, such as the first account you signed into on the mobile phone, except by deleting all personal information from your mobile phone.

1. Touch **Main Menu > Settings > Accounts & sync**. The screen displays your current synchronization settings and a list of your current accounts.
2. Touch the account to delete.
3. Touch **Remove account**.
4. Confirm that you want to remove the account.

Customizing Your Account Synchronization

You can configure background data use and synchronization options for all of the applications on your mobile phone. You can also configure what kinds of data you synchronize for each account.

Some applications, such as **Gmail** and **Calendar**, have their own synchronization settings. Some applications, such as **Contacts** and **Gmail**, can sync data from multiple applications. Others, such as **Calendar**, sync data only from the first Google account you sign into on your mobile phone, or from an account associated specifically with that application.

For some accounts, synchronizing is two-directional; changes that you make to the information on your mobile phone are made to the copy of that information on the web. Your Google account works this way. Other accounts support only one-way sync; the information on your mobile phone is read-only.

How to configure general sync settings

1. Touch **Main Menu > Settings > Accounts & sync**. The screen displays your current synchronization settings and a list of your current accounts.
2. Select or clear the **Background data** check box to control whether applications and services can transmit data when you are not working with them directly (that is, when they are running in the background).
3. Select or clear the **Auto-sync** check box to control whether changes you make to information on the phone or on the web are automatically synchronized with each other.

How to synchronize information manually

1. Touch **Main Menu > Settings > Accounts & sync**. The screen displays your current sync settings and a list of your current accounts.
2. Touch the account whose data you want to synchronize.

3. Press the **MENU** key, and then touch **Sync now**.

How to change an account's synchronization settings

1. Touch **Main Menu > Settings > Accounts & sync**. The screen displays your current synchronization settings and a list of your current accounts.
2. Touch the account whose synchronization settings you want to change. The data and synchronization screen opens, displaying a list of the kinds of information the account can synchronize. Checked items are configured to synchronize to your mobile phone.
3. Select or clear the check box of information you want to synchronize to the mobile phone.

Using the PC Suite to Synchronize

Install the **PC Suite** stored in your mobile phone. Follow the instructions on your computer to complete the installation. You can now synchronize your contacts and calendar appointments between your PC and mobile phone. For more details, please refer to the help of the **PC Suite**.

Note: The **PC Suite** is designed to work on Windows 2000 SP4, Windows XP SP2, Windows Vista 32, and Windows Vista 64. We recommend you use one of these systems.

Using Other Applications

Using the Calendar

Planning a secret rendezvous? A birthday party? A power lunch? A wicked weekend away? Whatever the occasion, you will never forget about it when you have got your mobile calendar to jog your memory. Depending on your synchronization settings, the calendar on your mobile phone should be in synchronization with your internet calendar.

How to open the Calendar

1. Touch **Main Menu > Calendar** to open the application.
2. Your mobile phone will ask you to choose the Google calendar service. Touch **OK** to use the Google calendar or touch **Cancel** to use your mobile phone calendar.

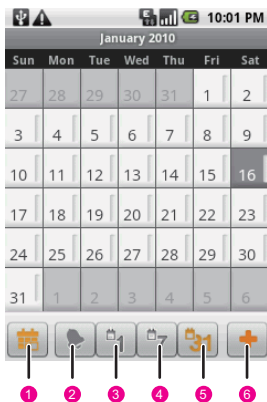
Tip: You can also press the **MENU** key, and then touch **More > Launch Google Calendar** to access Google calendar. The Google calendar service can be synchronized with the Google server, whereas your mobile phone calendar cannot synchronize with the Google server.

How to change the calendar view

1. Touch **Main Menu > Calendar** to open the application.
2. Press the **MENU** key, and then touch **Day, Week, Month**, or **Agenda** (current view is not in the menu).

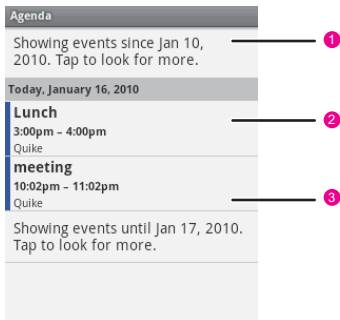
Tip: You can also touch the buttons on the lower part of the screen to change the calendar view.

Calendar panel



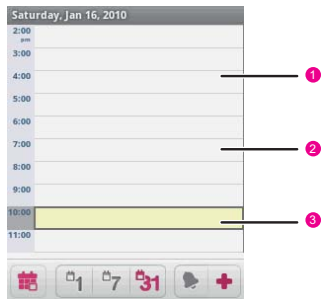
1	Touch to switch to the current day or time.
2	Switch to Agenda view.
3	Switch to Day view.
2	Switch to Week view.
2	Switch to Month view.
2	Touch to create an event.

Agenda view



- 1 Drag up or down to view earlier or later events.
- 2 Touch an event to view its details.
- 3 Indicates that this event repeats.

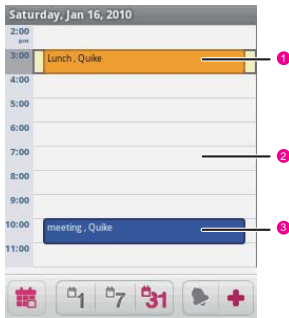
Day view



- 1 Drag left or right to view earlier or later days.

- 2 Touch an event to view its details.
- 3 Touch and hold a time slot or an event to create a new event at that time.

Week view



- 1 Drag left or right to view earlier or later days.
- 2 Touch an event to view its details.
- 3 Touch and hold a time slot or an event to create a new event at that time.

Month view



-
- 1 Drag up or down to view earlier or later month.
-
- 2 Touch a day to view the events of that day.
-

How to view the event details

1. Touch **Main Menu > Calendar** to open the application.
2. In **Agenda, Day,** or **Week** view, touch an event to view its details.

Tip: In **Month** view, touch a day to switch to **Day** view. Then touch an event to open a summary, and touch the summary to view the details.

How to create an event

1. Touch **Main Menu > Calendar**.
2. On any calendar view, press the **MENU** key. Then touch **New event** to open the event details screen.

3. Enter the name of your event on the keyboard. Now you are able to do all this:
 - If there is a time frame for the event, touch **From** and **To**, so you can set the duration of the event.
 - If it is a special occasion such as a birthday or a day long event, set the **From** and **To** dates, and then select the **All day** check box.
4. Enter the location of the event and the description.
5. If you have more than one calendar, select the calendar where you want to save the event.
6. Enter the Email address to invite guests to the event.
7. Set the time of your event reminder in **Reminders**, and then specify if the event is recurring in **Repetition**.
8. After the selection, touch **Done**.

Tip: To quickly create an event in the **Day**, **Week**, or **Month** view, touch and hold an empty time slot, and then touch **New event**. A new event details screen will appear with the selected time slot and date in the **From** and **To** fields.

How to edit an event

1. Touch **Main Menu > Calendar**.
2. On any calendar view, touch an event to view its details.
3. Press the **MENU** key. Then touch **Edit event** to open the event details screen.
4. Make your changes to the event. Please refer to “How to create an event” on page 128

Tip: Press the **MENU** key, and then touch **Show extra options** to add or edit event details.

5. When you finished, touch **Done**.

How to set an event reminder

1. Touch **Main Menu > Calendar**.

2. On any calendar view, touch an event to view its details or event summary.
3. Touch the Plus button to add a reminder. Or touch the reminder's Minus button to delete it.
4. Touch the reminder time, and in the dialog that opens touch the length of time before the event that you want to be reminded of it. When the time comes, you receive a notification about the event.

How to respond to the reminder

When you have set an event reminder, an icon for the event will appear in the notifications bar when your reminder is due, you can do any of the following to view, dismiss, or snooze a reminder:

1. Touch the notifications bar, and then flick down to open the notifications panel.
2. Touch the upcoming event name to display the event. If you have some event reminders still to come, these will also appear on the screen.
3. Then you can do the following:
 - **Snooze all:** Touch to snooze all event reminders for five minutes.
 - **Dismiss all:** Touch to dismiss all event reminders.
 - Press the Back key to keep the reminders pending in the notifications bar.

How to show or hide calendars

1. Touch **Main Menu > Calendar**.
2. On any calendar view, press the **MENU** key. Then touch **MoreMy calendars**.
3. Select or clear a calendar's check box to show or hide it.

How to customize the calendar settings

1. Touch **Main Menu > Calendar**.
2. On any calendar view, press the **MENU** key. Then touch **MoreSettings**.
 - **Hide declined events:** Select to hide events which you have declined invitations.

- **Set alerts & notifications:** Touch to configure event reminders to open an alert, send you a notification, or turn off event notifications on your mobile phone.
- **Select ringtone:** Touch to select the ringtone to sound when you receive an event reminder.
- **Vibrate:** Select to vibrate the mobile phone when you receive an event notification.
- **Set default reminder:** Touch to select the default time before an event for event reminders.

Using the Alarm

You can set an alarm by modifying an existing alarm or by adding a new one.

How to open the Alarm

Touch **Main Menu > Alarm** to use your mobile phone alarm.

Alarm list screen



1	Show the current time. Touch to change the clock display.
2	Touch to access the alarm settings screen. You can set the alarm time, ringtone, vibration, and repeat mode.
3	Touch to enable or disable an alarm.

How to hide the clock in the alarm list

1. Touch **Main Menu > Alarm**.
2. On the alarm list screen, press the **MENU** key, and then touch **Hide clock** to hide the clock in the alarm list.
3. Press the **MENU** key, and then touch **Show clock** to show the clock in the alarm list.

How to add an alarm

1. Touch **Main Menu > Alarm**.
2. On the alarm list screen, press the **MENU** key, and then touch **Add alarm** to add an alarm.
3. Set the alarm, and then touch **Done**. Please refer to “How to set an alarm” on page 132.

How to set an alarm

1. Touch **Main Menu > Alarm** to open the alarm clock.
2. On the alarm list screen, touch one of the alarms on the screen.
3. Touch **Time** to set the time of the alarm.
4. Touch **Ringtone** to select a ringtone for the alarm.
5. Select the **Vibrate** check box to have the phone vibrate, in addition to playing the ringtone.
6. Touch **Repeat** to set the days when you want the alarm to sound.
7. Touch **Label** to enter a name for the alarm.
8. When you're finished, touch **Done**.

How to delete an alarm

1. Touch **Main Menu > Alarm**.
2. On the alarm list screen, touch one of the alarms on the screen.
3. Press the **MENU** key, and then touch **Delete alarm** to delete the alarm.

How to customize the alarm settings

1. Touch **Main Menu > Alarm** to open the alarm clock.
2. Press the **MENU** key, and then touch **Settings**.
 - **Alarm in silent mode:** Select to play alarms even when the phone is in silent mode.
 - **Alarm volume:** Touch to open a dialog where you can set the volume of alarms.
 - **Snooze duration:** Touch to open a dialog where you can set how long the alarm waits before playing an alarm again.
 - **Side button behavior:** Touch to open a dialog where you can set what happens if you press the Volume keys when an alarm sounds.

Using the Sound Recorder

Sound Recorder is useful for quickly recording thoughts. You can also record your voice and set it as a ringtone.

How to start recording

1. Touch **Main Menu > Sound Recorder** to open the application.
2. Touch the start button to start recording.
3. Touch the stop button to stop recording. Then you can press the **MENU** key, and then touch **Recordings** to view the voice clip.

Sound Recorder screen



- | | |
|---|---|
| 1 | Shows the recording duration. |
| 2 | Shows the volume of your audio files. |
| 3 | Touch to pause or playback the recording. |
| 4 | Touch to start recording. |
| 5 | Touch to stop recording. |

How to set a voice clip as a ringtone

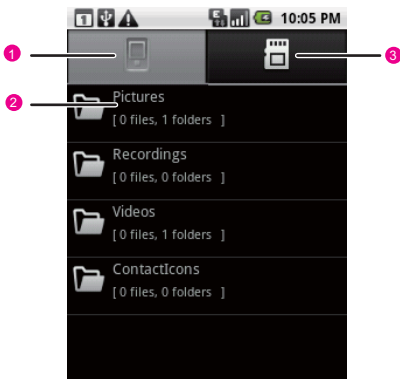
1. Touch **Main Menu > Sound Recorder** to open the application.
2. Press the **MENU** key, and then touch **Recordings**.
3. Select the storage position.
4. Select a voice clip, and then press the **MENU** key.
5. Touch **Set as ringtone**,

Using the File Manager

Using your file manager is like having a pocket-sized personal assistant (PA), letting you rationalize, edit and delete files and folders.

How to open the File Manager

Touch **Main Menu > File Manager** to open the application.



- | | |
|---|--|
| 1 | Touch to show the files and folders in your mobile phone memory. |
| 2 | Touch to show your list of files and folders. |
| 3 | Touch to show the files and folders on the microSD card. |

Tip: The options menu of the file manager may not be completely shown on one page. Therefore, you need to flick the menu upwards and downwards, or press the Navigator key to browse all options.

How to cut or copy a file

1. Touch **Main Menu > File Manager**.
2. Press the **MENU** key to show the options panel. Then, touch **Cut or Copy**.
3. Touch the file or folder you want to cut or copy – when selected, a tick will appear. To select more than one file, press the **MENU** key to open the options panel. Then touch **Select All** to select all files in a folder (touch **Unselect All** to cancel the selection).
4. Press the **MENU** key to open the options panel. Then touch **Done** to cut or copy the file.
5. Now select the path to which the file is pasted. Press the **MENU** key to open the options panel, and then touch **Paste** to paste the file to the selected path.

How to delete a file

1. Touch **Main Menu > File Manager**.
2. Press the **MENU** key to open the options panel. Then touch **Delete**.
3. Touch the file or folder you want to delete – when selected, a tick will appear. To delete more than one file at a time, press the **MENU** key to open the options panel. Then touch **Select all** to select all files in a folder (touch **Unselect all** to cancel the selection).
4. Press the **MENU** key to open the options panel. Touch **Done** to delete the file or folder.

How to create a folder

1. Touch **Main Menu > File Manager**.
2. Access the directory of the folder you want to create.
3. Press the **MENU** key to open the options panel, and then touch **New folder**.
4. Enter the name of the new folder in the text box.
5. Touch **Save** and your new folder is ready to go.

How to do a quick search for a file

1. Touch **Main Menu > File Manager**.

2. Touch a folder to access the directory where you keep the file you are looking for.
3. Press the **MENU** key to open the options panel, and then touch **Search**.
4. Write a key word of the name of your file or folder in the search box.
5. Touch **Search**. Your mobile phone will start the search.
6. A list of search results will be displayed. Touch a file in the list to open it.
7. Touch **New search** for a new search or press the Back key to return to the file manager screen.

How to manage your memory

1. Touch **Main Menu > File Manager**.
2. Press the **MENU** key to open the options panel, and then touch **Memory Status**. You will then be on the memory management screen – this lets you view the memory status and available memory on your mobile phone and microSD card.

Using the Calculator

Have not flexed your mathematical muscles in a while? Your mobile phone calculator should be a big plus.

How to open the Calculator

Touch **Main Menu > Calculator** to open the application.

How to use the Advanced panel

1. Touch **Main Menu > Calculator**.
2. Press the **MENU** key to open the calculator options panel. Now choose from the **Basic panel** and the **Advanced panel** (the advanced panel has more advanced functions). Or just flick the screen to the left or to the right to switch panels.

Using the Notepad

Notepad features a simple text processor and lists all notes in a linear structure. You can only add, edit and delete notes.

1. Touch **Main Menu > Notepad** to open the application.
2. Press the **MENU** key, and then touch **Add note** to create a new note.
3. After editing, press the **MENU** key, and then touch **Save**.

Managing Your Mobile Phone

You can select **Settings** from **Main Menu** to configure your mobile phone.

Setting the Date and Time

By default, your mobile phone automatically uses the date, time zone, and time provided by the network.

Note: When the time provided by the network is automatically used, you can not set the date, time, and time zone.

1. Touch **Main Menu > Settings > Date & time**.
2. Clear the **Automatic** check box.
3. Touch **Set date**. On the date setting screen, touch the up button or the down button to adjust the date, month, and year, and then touch **Set** when the configuration is complete.
4. Touch **Select time zone**, and then select the time zone from the list. Scroll down the list to view more time zones.
5. Select or clear the **Use 24-hour format** check box to toggle between using a 24-hour or 12-hour format.
6. Touch **Set time**. On the time setting screen, touch the up button or down button to adjust the hour and minute. Touch **Set** when the configuration is complete.

Tip: If the 12-hour format is used, you can touch **AM** to change to **PM** or vice versa.

7. Touch **Select date format** to select how you want to display the date on your mobile phone. This change will be applied to the date displayed in the alarm clock.

Setting the Display

How to adjust the screen brightness

1. Touch **Settings > Sound & display**, scroll down the screen, and then touch **Brightness**.
2. Drag the slider left to make the screen darker, or right to make it brighter.
3. Touch **OK** to save the adjustment.

How to adjust the time before the screen turns off

Leave your mobile phone alone for a bit, and it will turn off the screen to save battery power. You can set a longer or shorter idle time like this:

1. Touch **Settings > Sound & display**, scroll down the screen, and then touch **Screen timeout**.
2. Touch the time before the screen turns off.

How to prevent the screen orientation from automatically changing

Your mobile phone is equipped with a built-in orientation sensor which enables it to change the screen orientation from vertical to horizontal when you rotate your mobile phone anti-clockwise by 90 degrees (Home screen excepted). If you want to prevent this automatic adaptation, do as follows:

1. Touch **Settings > Sound & display settings**.
2. Scroll down the screen, and then clear the **Orientation** check box.

How to keep the screen on while charging the mobile phone

1. Touch **Settings > Applications**.
2. Touch **Development**.
3. Select the **Stay awake** check box.

How to set the window animations

1. Touch **Settings > Sound & display**, scroll down the screen, and then touch **Animation**.
2. Touch **No animations**, **Some animations**, or **All animations** to set the window animations.

Tip: You can touch **Main Menu > Settings > General info & option**, and then touch **Window animations** or **Transition animations** to set the speed of animations.

Setting Ringers

How to turn on the silent mode

1. Touch **Settings > Sound & display**.
2. Select the **Silent mode** check box. Then all sounds except media and alarms are silenced.

How to adjust the ringer volume

You can adjust the ringer volume when you are on the Home screen or any application screens (except during a call or when playing music or video). Press the Volume keys on the left panel of the mobile phone to adjust the ringer volume to your desired level.

You can also adjust the ringer volume on the settings screen.

1. Touch **Settings > Sound & display > Ringer volume**.
2. Drag the slider left to make the volume down, or right to make it up.
3. Touch **OK** to save the adjustment.

How to change the phone ringtone

1. Touch **Settings > Sound & display**.
2. Touch **Phone ringtone**.
3. Touch the ringtone you want to use, and then touch **OK**. The ringtone plays when selected.

Tip: Want to set a song as a ringtone? Easy! First load the tune onto

your microSD card. Once you have located it through the phone menu, press and hold the song name, and select **Set as phone ringtone**. You can set different songs as ringtones for different contacts or groups too – you will find the options when you edit through contacts.

How to turn on touch tones

Want your mobile phone to play a sound when you are using the **Dialer** or touching the screen? Here is how:

1. Touch **Settings > Sound & display**.
2. Scroll down the screen, and then you can do the following:
 - Select the **Audible touch tones** check box to play tones when you use the dialer.
 - Select the **Audible selection** check box to play sound when you make screen selection.

How to turn on the haptic feedback

1. Touch **Settings > Sound & display**.
2. Select the **Haptic feedback** check box. Then the mobile phone will vibrate when pressing soft keys and an certain UI interactions.

Setting Phone Services

How to customize call settings

That is just a fancy term for all the stuff like , , and . Talk to your operator to learn about the different services you can get.

Touch **Settings > Call settings** to customize your call function.

How to turn on data roaming

Jetting off somewhere new? Turn on data roaming and you can carry on using your mobile phone when you are outside the country. Do not forget to check the rates!

1. Touch **Settings > Wireless & networks > Mobile networks**.
2. Select the **Data roaming** check box.

Note: Accessing data services while roaming may incur additional charges. Inquire the data roaming tariffs with your wireless service provider.

How to switch off the data service

Things like synchronizing updates and receiving multimedia messages rely on a transfer of data – and that is where the data service comes in. Some data services charge an extra fee, but it is easy to switch off the service to avoid extra expenses:

1. Touch **Settings > Wireless & networks > Mobile networks**.
2. Clear the **Data service** check box.

Note: Data service off means no more multimedia messages.

How to manage access point settings

Access points are what keep your mobile phone connected to the world. You can manage your access points – and reset any you delete by accident like this:

1. Touch **Settings > Wireless & networks > Mobile networks > Access Point Names**.
2. Press the **MENU** key, and then touch **Reset to default**.

Note: Do not be too tempted to fiddle! Your mobile phone automatically reads the access point of the SIM card, so changing stuff might mean you cannot access the network.

Setting the Language

You can change the platform language of the mobile phone.

1. Touch **Settings > Language & keyboard**.
2. Touch **Select Locale**.
3. Select the language you want to use.

Setting the Search

How to set the Google search

1. Touch **Main Menu > Settings > Search > Google search settings**.
2. Select the **Show web suggestions** check box to show the suggestions from Google as you type.

How to set the searchable items

1. Touch **Main Menu > Settings > Search > Searchable items**.
2. Select the following:
 - **Contacts**: Search the names of you contacts.
 - **Apps**: Search the names of installed application.
 - **Browser**: Search the bookmarks and web history.

Protecting Your Mobile Phone

How to turn on your SIM card PIN

Stop the snoops! Thwart the thieves! A personal identification number (PIN) is all you need to stop shady characters from using your SIM.

1. Touch **Settings > Location & security**, scroll down the screen, and then touch **Set up SIM card lock**.
2. Select the **Lock SIM card** check box.
3. Enter the default SIM card PIN using the keyboard, and then touch **OK**.
4. To change the SIM card PIN at any time, touch **Change SIM PIN**.

Note: You can dial emergency numbers any time from your mobile phone even when your PIN is set.

How to enter your PIN

If your SIM card has a preset PIN, you will be asked to enter the PIN to proceed. Enter the PIN, and then touch **OK**.

Tip: If you enter the wrong PINs three times, the SIM card will be blocked. If this happens, you can unblock it with the PIN Unlocking Key (PUK) that you can get from your service operator.

How to protect your mobile phone with a screen lock

You can keep your data more secure by locking the screen and/or requiring a screen unlock pattern every time your mobile phone is turned on or waken up from the sleep mode.

1. Touch **Settings > Location & security > Set unlock pattern**.
2. Connect at least four dots in a vertical, horizontal and/or diagonal direction, and then lift your finger from the screen when complete.

Tip: You must flick your finger on the screen to create the pattern and not touch individual dots.

3. Your mobile phone will record the pattern. Touch **Continue**.
4. When prompted, draw the screen unlock pattern again, and then touch **Confirm**.
5. Select the **Require pattern** check box to enable the screen unlock pattern.

Note: Clear the **Use visible pattern** check box if you do not want the unlock pattern to be displayed on the screen when you unlock it.

Tip: To change your unlock screen pattern, touch **Location & security > Change unlock pattern** on the **Settings** screen.

How to set the credential storage

1. Touch **Settings > Location & security**.
2. Scroll down the screen, in the **Credential storage** section, do the following:
 - **Use secure credentials:** Select the check box to allow applications to access secure certificates and other credentials.

- **Install from SD card:** Touch to install encrypted certificates from microSD card.
- **Set password:** Touch to set or change the credential storage password.
- **Clear storage:** Touch to clear credential storage of all contents and reset its password.

Managing the Applications

How to view the installed applications

1. Touch **Main Menu > Settings > Applications > Manage applications**.
2. Select the following:
 - Press the **MENU** key, and then touch **Sort by size**. The applications will be sorted by size. Then touch an application to view the details of the application.
 - Press the **MENU** key, and then touch **Filter**. Select **All**, **Running**, or **Downloaded** to set the filter options. Then touch an application to view the details of the application.
 - Touch an application to view the details of the application directly.

How to remove the installed applications

1. Touch **Main Menu > Settings > Applications > Manage applications**.
2. Touch an application, and then touch **Uninstall** to remove the application.

How to manage the Java applications

1. Touch **Main Menu > Settings > Applications > Java**.
2. Press the **MENU** key, and then select the following:
 - **Download app:** Download the Java applications.
 - **Scan SDcard:** Scan the Java applications on the microSD card.
 - **Groups View:** Change to the group view, and then press the **MENU** key to create or remove groups.

- **About JBlend:** View the information about the JBlend.

How to manage the running services

1. Touch **Main Menu > Settings > Applications > Running services.**
2. Select the following:
 - View the currently running service.
 - Touch a service to manage it or to stop it.

Managing the Memory

How much internal phone memory you have left

1. Touch **Settings > SD card & phone storage.**
2. In the **Internal phone storage** section, check the available space.

How much space is available on your memory card

1. Touch **Settings > SD card & phone storage.**
2. In the **SD card** section, check the available space.

Ways to free up your mobile phone memory

- Move files and email attachments to the microSD card.
- In **Browser**, clear all temporary Internet files and Browser history information.
- Uninstall the downloaded programs that you no longer use.
- Reset your mobile phone.

Using My Location

You can include your position when using Google search and other Google services.

1. Touch **Main Menu > Settings > Privacy.**
2. Select the **Use My Location** check box. Then you are asked whether you consent to allowing Google to use your location when providing these services.

Backing Up My Settings

You can back up your mobile phone's settings to Google servers, with your Google account. If you replace your mobile phone, the settings you have backed up are restored onto the new mobile phone the first time you sign in with your Google account.

1. Touch **Main Menu > Settings > Privacy**.
2. Select the **Back up my settings** check box. A wide variety of settings are backed up, including your Wi-Fi passwords, bookmarks, a list of the applications you have installed, the words you have added to the dictionary used by the onscreen keyboard, and most of the settings that you configure with the **Settings** application.

Resetting Your Mobile Phone

Be warned, this deletes all your data – including downloaded applications – and resets the mobile phone back to its original state. So before you do anything, make sure you back up important information stored on your mobile phone. Any data saved to your microSD card will not be affected when you reset your mobile phone.

How to reset factory data from menus

1. Touch **Main Menu > Settings > Privacy > Factory data reset**.
2. When prompted, touch **Reset phone**, and then touch **Erase everything**. The mobile phone resets the settings, and then restarts.

How to "hard-reset" factory data with the powered off phone

1. Make sure your battery has sufficient power. Therefore, it is recommended that you charge the battery before the operation.
2. Press and hold the End key, Power key, and MENU key (see the following diagram). Until the Android system recovery menu comes-up.
3. Touch **wipe data/factory reset**.

4. When you see a “Data wipe complete” indication on the screen, it indicates that the internal databases of your phone have been internally reset successfully.
5. The final step now is to reboot the system completely by selecting the reboot system.
6. Your mobile phone will now restart and appear in its initial out-of-the-box state.

Updating the Software

Make sure your mobile phone is fully charged and the upgrade version is correct. Back up important information such as the contacts, email messages, files and messages saved to your mobile phone.

How to download the upgrade package

You can download the software upgrade files from the following websites:

-

How to prepare for the upgrade

1. Download the upgrade file from the appointed websites.
2. The file you download will be compressed. Use the unzip software on your PC to decompress the upgrade package. The upgrade package is a folder structure – be careful you do not change it. This folder is called **dload** – do not rename it either.
3. Connect your mobile phone to your PC using the USB cable.
4. Copy the folder structure to the main directory (root directory) of your microSD card.
5. After you have copied the file to the microSD card, disable the USB mass storage

How to update the software through the microSD card

After copying the update files to the microSD card, do as follows:

1. Touch **Settings > SD card & phone storage > Software Upgrade > SD card Upgrade**.

2. Before the upgrade, the system of your mobile phone automatically checks the battery level and upgrade version. If the version you have downloaded does not meet the upgrade requirements, the upgrade will not work.
3. During the upgrade, your system may prompt you to back up your data in advance.
4. When the next message appears, touch **Confirm**.
5. Touch **Upgrade**.
6. Your mobile phone restarts and the upgrade screen is displayed.
7. After the upgrade is complete, your mobile phone automatically restarts and will switch on again.
8. Touch **Settings > About phone > Build number** to view the version information.

Appendix

Warnings and Precautions

This section contains important information pertaining to the operating instructions of your device. It also contains information about how to use the device safely. Read this information carefully before using your device.

Near Electronic Device

Power off your device if using the device is prohibited. Do not use the device when using the device causes danger or interference with electronic devices.

Near Medical Device

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device when using the device is prohibited.
- Pacemaker manufacturers recommend that a minimum distance of 15 cm be maintained between a device and a pacemaker to prevent potential interference with the pacemaker. If you are using a pacemaker, use the device on the opposite side of the pacemaker and do not carry the device in your front pocket.
- Some wireless devices may affect the performance of hearing aids. For any such problems, consult your service provider.

Potentially Explosive Atmospheres

Power off your device in any area with a potentially explosive atmosphere, and comply with all signs and instructions. Areas that may have potentially explosive atmospheres include the areas where you would normally be advised to turn off your vehicle engine.

Triggering of sparks in such areas could cause an explosion or a fire, resulting in bodily injuries or even deaths. Do not power on your device at refueling points such as service stations. Comply with restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, and chemical plants. In addition, adhere to restrictions in areas where blasting operations are in progress. Before using the device, watch out for areas that have potentially explosive atmospheres that are often, but not always, clearly marked. Such locations include areas below the deck on boats, chemical transfer or storage facilities, and areas where the air contains chemicals or particles such as grain, dust, or metal powders. Ask the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) whether this device can be safely used in their vicinity.

Traffic Security

Observe local laws and regulations while using the device. In addition, if using the device while driving a vehicle, comply with the following guidelines:

- Concentrate on driving. Your first responsibility is to drive safely.
- Do not talk on the device while driving. Use hands-free accessories.
- When you have to make or answer a call, park the vehicle at the road side before using your device.
- RF signals may affect electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- In a motor vehicle, do not place the device over the air bag or in the air bag deployment area. Otherwise, the device may hurt you owing to the strong force when the air bag inflates.
- Do not use your device while flying in an aircraft. Power off your device before boarding an aircraft. Using wireless devices in an aircraft may cause danger to the operation of the aircraft and disrupt the wireless telephone network. It may also be considered illegal.

Operating Environment

- Do not use or charge the device in dusty, damp, and dirty places or places with magnetic fields. Otherwise, it may result in a malfunction of the circuit.
- The device complies with the RF specifications when the device is used near your ear or at a distance of 1.5 cm from your body. Ensure that the device accessories such as a device case and a device holster are not composed of metal components. Keep your device 1.5 cm away from your body to meet the requirement earlier mentioned.
- On a stormy day with thunder, do not use your device when it is being charged, to prevent any danger caused by lightning.
- When you are on a call, do not touch the antenna. Touching the antenna affects the call quality and results in increase in power consumption. As a result, the talk time and the standby time are reduced.
- While using the device, observe the local laws and regulations, and respect others' privacy and legal rights.
- Keep the ambient temperature between $-10\text{ }^{\circ}\text{C}$ and $45\text{ }^{\circ}\text{C}$ while the device is being charged. Keep the ambient temperature between $-10\text{ }^{\circ}\text{C}$ to $55\text{ }^{\circ}\text{C}$ for using the device powered by a battery.

Prevention of Hearing Damage

Using a headset at high volume can damage your hearing. To reduce the risk of damage to hearing, lower the headset volume to a safe and comfortable level.

Safety of Children

Comply with all precautions with regard to children's safety. Letting the child play with your device or its accessories, which may include parts that can be detached from the device, may be dangerous, as it may present a choking hazard. Ensure that small children are kept away from the device and accessories.

Accessories

Use the accessories delivered only by the manufacturer. Using accessories of other manufacturers or vendors with this device model may invalidate any approval or warranty applicable to the device, result in the non-operation of the device, and cause danger.

Battery and Charger

- Unplug the charger from the electrical plug and the device when not in use.
- The battery can be charged and discharged hundreds of times before it eventually wears out. When the standby time and the talk time are shorter than the normal time, replace the battery.
- Use the AC power supply defined in the specifications of the charger. An improper power voltage may cause a fire or a malfunction of the charger.
- Do not connect two poles of the battery with conductors, such as metal materials, keys, or jewelries. Otherwise, the battery may be short-circuited and may cause injuries and burns to your body.
- Do not disassemble the battery or solder the battery poles. Otherwise, it may lead to electrolyte leakage, overheating, fire, or explosion.
- If battery electrolyte leaks out, ensure that the electrolyte does not touch your skin and eyes. When the electrolyte touches your skin or splashes into your eyes, wash your eyes with clean water immediately and consult a doctor.
- If there is a case of battery deformation, color change, or abnormal heating while you charge or store the battery, remove the battery immediately and stop using it. Otherwise, it may lead to battery leakage, overheating, explosion, or fire.
- If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using the cable at once. Otherwise, it may lead to an electric shock, a short circuit of the charger, or a fire.
- Do not dispose of batteries in fire as they may explode. Batteries may also explode if damaged.

Cleaning and Maintenance

- The device, battery, and charger are not water-resistant. Keep them dry. Protect the device, battery, and charger from water or vapor. Do not touch the device or the charger with a wet hand. Otherwise, it may lead to a short circuit, a malfunction of the device, and an electric shock to the user.
- Do not place your device, battery, and charger in places where they can get damaged because of collision. Otherwise, it may lead to battery leakage, device malfunction, overheating, fire, or explosion.
- Do not place magnetic storage media such as magnetic cards and floppy disks near the device. Radiation from the device may erase the information stored on them.
- Do not leave your device, battery, and charger in a place with an extreme high or low temperature. Otherwise, they may not function properly and may lead to a fire or an explosion. When the temperature is lower than 0°C, performance of the battery is affected.
- Do not place sharp metal objects such as pins near the earpiece. The earpiece may attract these objects and hurt you when you are using the device.
- Before you clean or maintain the device, power off the device and disconnect it from the charger.
- Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device and the charger. Otherwise, parts of the device may be damaged or a fire can be caused. You can clean the device and the charger with a piece of damp and soft antistatic cloth.
- Do not dismantle the device or accessories. Otherwise, the warranty on the device and accessories is invalid and the manufacturer is not liable to pay for the damage.

Emergency Call

You can use your device for emergency calls in the service area. The connection, however, cannot be guaranteed in all conditions. You should not rely solely on the device for essential communications.

Certification Information (SAR)

This mobile device meets guidelines for exposure to radio waves.

Your device is a low-power radio transmitter and receiver. As recommended by international guidelines, the mobile device is designed not to exceed the limits for exposure to radio waves. These guidelines were developed by the independent scientific organization International Commission on Non-Ionizing Radiation Protection (ICNIRP) and include safety measures designed to ensure safety for all users, regardless of age and health.

The Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level of the device when being operated can be well below the value. This is because the device is designed to use the minimum power required to reach the network.

The SAR limit adopted by USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the FCC for this device type when tested for use at the ear is **1.05 W/kg**, and when properly worn on the body is **0.753 W/kg**

The SAR limit also adopted by Europe is 2.0 W/kg averaged over 10 grams of tissue. The highest SAR value for this device type when tested at the ear is **1.21 W/kg**.

FCC Statement

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications made to this device not expressly approved by Huawei Technologies Co., Ltd. may void the FCC authorization to operate this device.

Disposal and Recycling Information



This symbol on the device (and any included batteries) indicates that they should not be disposed of as normal household garbage. Do not dispose of your device or batteries as unsorted municipal waste. The device (and any batteries) should be handed over to a certified collection point for recycling or proper disposal at the end of their life.

For more detailed information about the recycling of the device or batteries, contact your local city office, the household waste disposal service, or the retail store where you purchased this device.

The disposal of this device is subject to the Waste from Electrical and Electronic Equipment (WEEE) directive of the European Union. The reason for separating WEEE and batteries from other waste is to minimize the potential environmental impacts on human health of any hazardous substances that may be present.

Reduction of Hazardous Substances

This device is compliant with the EU Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation (Regulation No 1907/2006/EC of the European Parliament and of the Council) and the EU Restriction of Hazardous Substances (RoHS) Directive (Directive 2002/95/EC of the European Parliament and of the Council). For more information about the REACH compliance of the device, visit the Web site www.huaweidevice.com/certification. It is recommended that you visit the Web site regularly for up-to-date information.

EU Regulatory Conformance

Hereby, Huawei Technologies Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For the declaration of conformity, visit the Web site
www.huaweidevice.com/certification.



Note: This device can be operated in all European countries.

France: Outdoor use limited to 10 mW e.i.r.p. within the band 2454-2483.5 MHz.

Italy: For private use, a general authorisation is required if WAS/RLAN's are used outside own premises. For public use, a general authorisation is required.

Luxembourg: General authorisation required for network and service supply.

Norway: This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.

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