



MOTOROLA QUENCH™ XT5 XT502

User Guide

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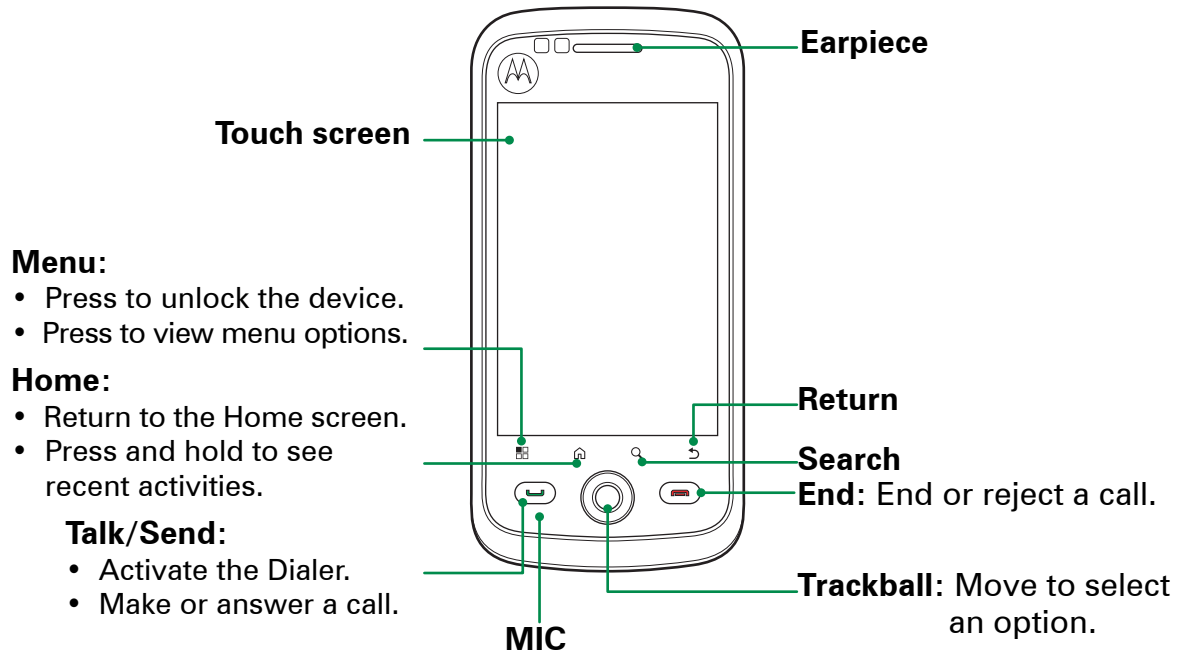
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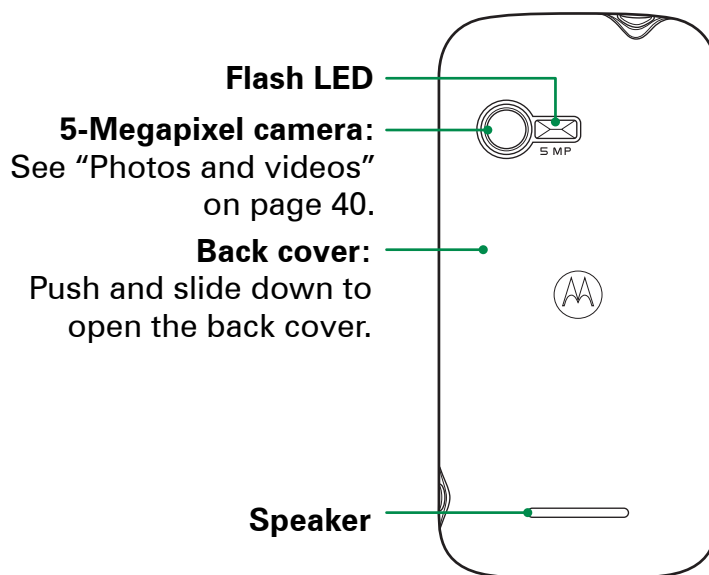
Chapter 1: Getting started

1.1 Your phone

Front



Back



LED Alerts

This device is equipped with 2 LED indicators:

- **Green:** Send button
- **Red:** End button.

For more information, see "LED indicators" on page 13.

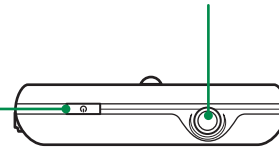
for PLUGGABLE EQUIPMENT, the socket outlet shall be installed near the equipment and shall be easily accessible.

Top

Headset jack: Use a headset for hands-free conversation or for listening to music

Power:

- Press and hold for 5 seconds to turn the device on or off.
- To save battery, quick press to turn the screen on or off temporarily.

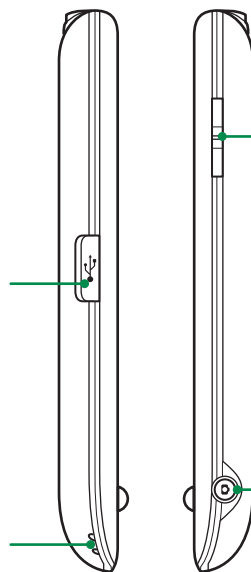


Side

Micro USB port:

- Connect USB cable to PC as a modem/USB mass storage.
- Connect USB cable and the AC adapter to charge the battery.

Strap hole



Volume: Slide up or down to increase or decrease the volume.

Shutter:

- Press the shutter to activate the camera.
- In Camera mode, press to take a photo or video. See "Photos and videos" on page 40.

NOTE: The battery can also be charged while connected to a computer.

Users have to use the connection to USB interfaces with a USB 2.0 version or higher.

1.2 Accessories

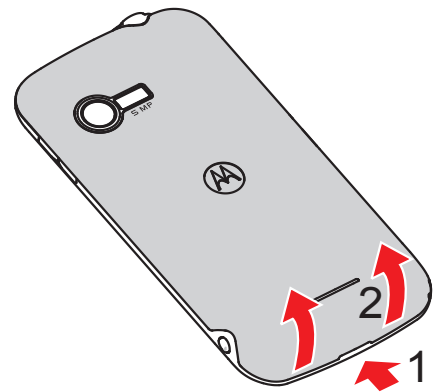
Your package comes with the following items. If any of these are missing, please contact your retailer.

- Phone
- USB cable
- AC adaptor
- Li-Ion battery
- Headset
- Quick start guide

1.3 Installing the SIM card, battery and memory card

To remove the back cover

1. Turn the device off.
2. Push and slide down to open the back cover.



SIM card

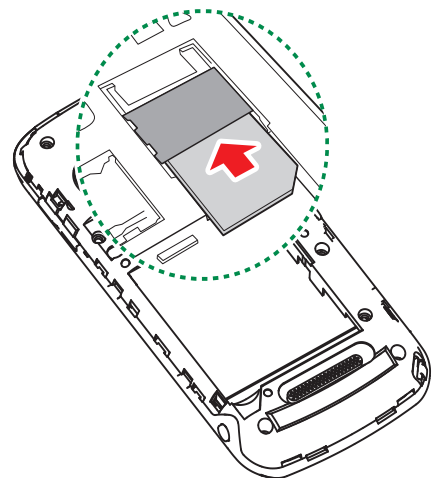
The SIM card contains your phone number, memory storage and network service details.

To install the SIM card

Insert the SIM card as shown. Make sure that the gold contacts are facing down and that the cut-off corner is facing towards the battery slot.

To remove the SIM card

1. Remove the battery.
2. Use your finger to slide the SIM card from the card slot.

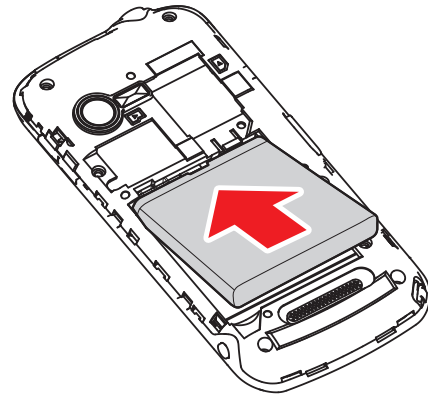


Battery

This device comes with a rechargeable Li-Ion battery. Battery life varies depending on the network and applications used and the type of connections attached to this device.

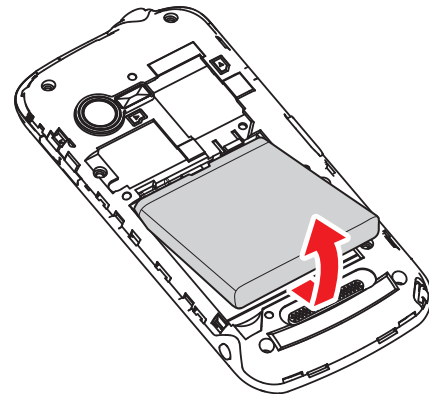
To install the battery

Insert the battery. Make sure that the contacts of the battery are aligned with the connectors on the battery slot.



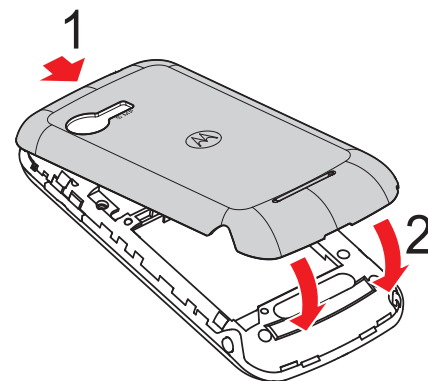
To remove the battery

Use your fingertip to lift the battery tab and remove the battery.



To replace the back cover

Secure the hooks on the back cover with the designated holes on the device and close the back cover.



NOTE: To ensure battery performance and avoid the risk of fire:

- Only use the original batteries designated for the device.
- Do not store the battery in temperatures below -10°C or higher than 45°C.

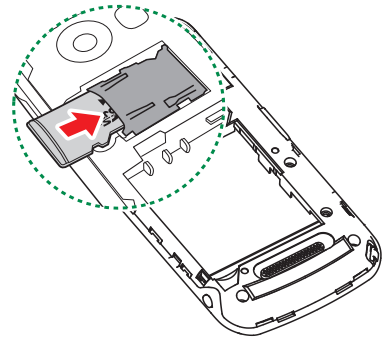
CAUTION
RISK OF EXPLOSION IF THE BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS.

Memory card

You will need a microSD® card to store photos, music, videos and other data.

To install the memory card

1. Insert the memory card with the gold contacts facing down.
2. Push the memory card until it clicks into place.





To remove the memory card

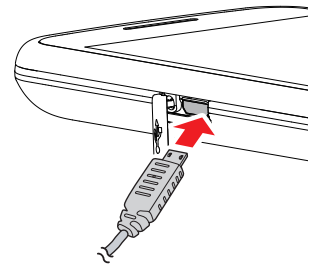
1. For safe removal of the memory card, tap **Application Drawer > Settings > SD card, USB Mass storage & phone storage > Unmount SD card.**
2. Push the memory card down to eject it from the slot.

1.4 Charging the battery

The battery out of the box is only partially charged. To fully charge the battery, charge it for 2 hours.

1. Open the Micro USB port cover.
2. Plug in the battery charger as shown in the diagram.
3. Plug the AC adaptor into the wall socket to start charging.

When the battery is charging, the red LED is activated; the  icon is also displayed in the status bar. When the battery is fully charged, the red LED disappears and the green LED is activated; if the device is turned on, the  icon is also displayed in the status bar.



NOTE:

- The battery can also be charged when you connect the device to a computer with a USB cable.
- To ensure safety, do not remove the battery from the device while the AC adaptor is connected or while it is being charged.

1.5 Using the headset

For hands-free conversation or to listen to music, plug a headset into the headset jack.

NOTE:

- When using a headset, your ability to hear outside sounds may be limited. Do not use the headset if it will endanger you.
- Do not set the volume to its maximum with a headset as it may damage your hearing.

1.6 Turning the phone on or off

After installing the SIM card and charging the battery, the device is ready to be turned on.

To turn on your phone

Press and hold the power button until the device vibrates.

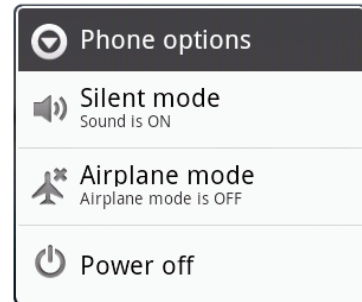
To turn off your phone

1. Press and hold the power button for 5 seconds.
2. A pop-up window appears, tap **Power off**.
3. Select **OK** to confirm.

To set your phone to sleep mode


To set this device to sleep mode, press the power button briefly. This will turn the display off.

To turn the display on, press the power button briefly.




1.7 Unlocking the screen

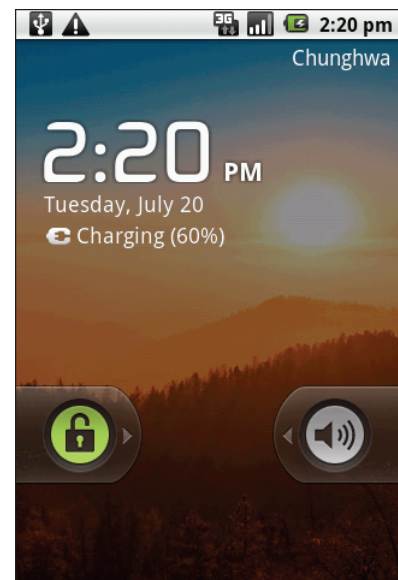
To unlock the screen

1. Press the power button or front buttons briefly to turn on the display from sleep mode.
2. Tap  and swipe right to unlock the screen.

1.8 Turning the sound on or off

To enable/disable the sound

1. Press the power button or front buttons briefly to turn on the display from sleep mode.
2. Tap  and swipe left to turn the sound off.
3. To turn on the sound, repeat the steps above.



Chapter 2: The basics

2.1 The Home screen

From the Home screen, you can quickly access common features and view notifications of missed calls, received messages, check battery and connection status.

Google Search

Enter the text that you want to search for in the box.

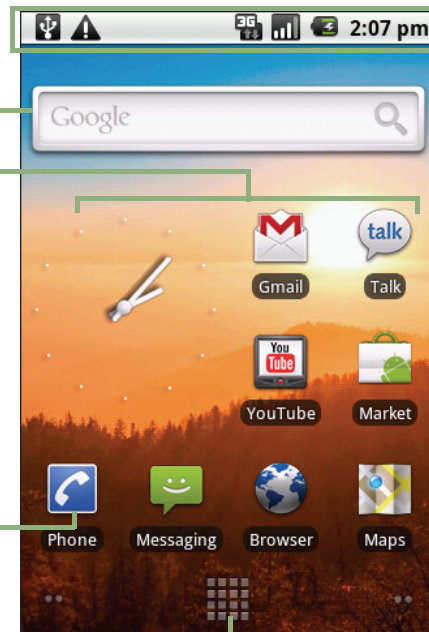
Shortcut menu

Tap an icon to access the function.

Tap to open the **Phone** keypad.

Application drawer

Tap to view the applications and device settings.



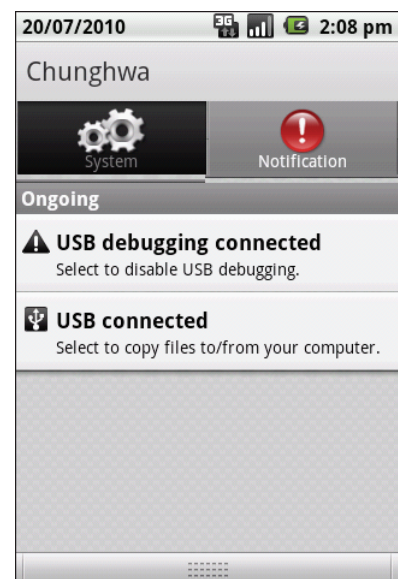
Status bar

- Displays status and notification icons and clock.
- Message, appointment, task and connection notifications are also displayed here.

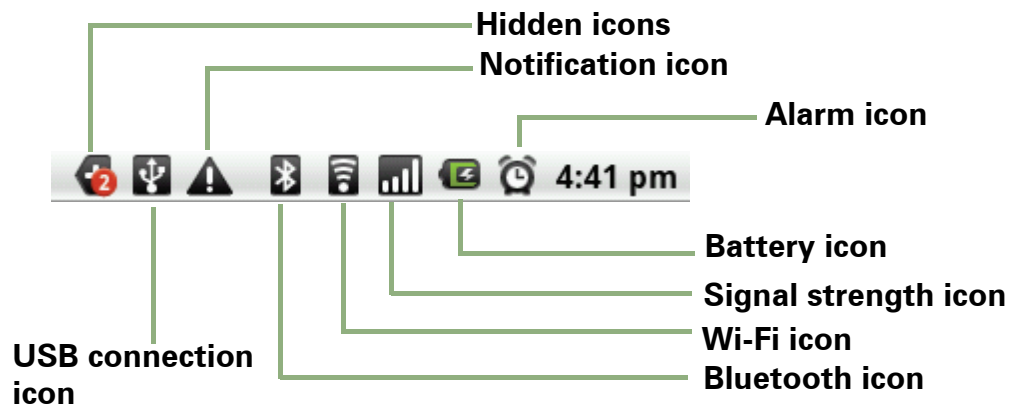
Status bar icons

The Status bar icons indicate different types of information. Tap the status bar and scroll down to view ongoing phone activities or notifications easily.

To close the window, press ↶.







The icons on the status bar indicate the following information:



Volume icon




The following icons may appear in the volume icon area.

Icon	Description
	Sound is off.
	Vibrate mode is activated.
	Speakerphone is on.
	Phone is muted.

To adjust the volume, see “Adjusting the volume” on page 13.




Phone network icon

The following icons may appear in the phone network icon area.




Icon	Description
	No network signal
	Maximum signal strength. Fewer bars indicate lower signal strength.
	GPRS network is in use.

Battery icon

The following icons may appear in the battery icon area:







Icon	Description
	Battery is full.
	Battery is low.
	Battery is charging.

To charge the battery, see “Charging the battery” on page 5.

Icon	Description
	Call is in progress.
	Call is on hold.
	No SIM card inserted.








Connection icon

The following icons may appear in the connection icon area.

Icon	Description
	WiFi is connected.
	Bluetooth connection is active.
	GPRS data connection is active.
	HSDPA data connection is active.
	Device is connected to PC via USB connector.
	File has been downloaded.





Notification icon

The following icons may appear in the notification icon area.

Icon	Description
	New text message notification
	New WAP Push notification
	New email notification
	New Google Mail notification
	Alarm
	Task notification
	Missed call notification

Shortcut menu

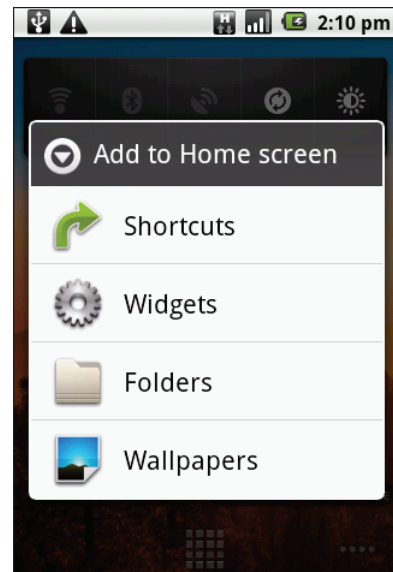
The Shortcut menu displays notifications or other information related to each menu item. To easily access the menu, tap the item on the Home screen. By default, the following applications are displayed:

Icon	Menu item	Description
	Messaging	Displays message notification. Tap to access Messaging menu. See page 22.
	Phone	Displays phone keypad. Tap to enter the phone number and make calls. See page 17.
	Contacts	Displays contacts saved on the device. Tap to select the contact that you would like to call or send a text message to. See page 14.
	Application drawer	Tap to access the Application drawer. See page 7.



Customising the Shortcut menu

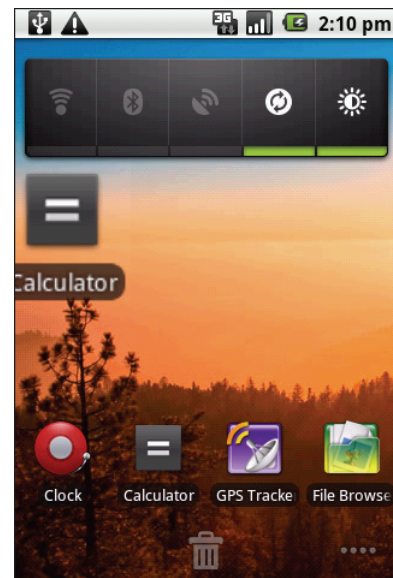
To add a shortcut:

1. Tap **Menu > Add > Shortcuts**.
2. Tap **Widgets** to display the list of widgets.
3. Tap to add the items that you want to appear on the Home screen.




To remove a shortcut:

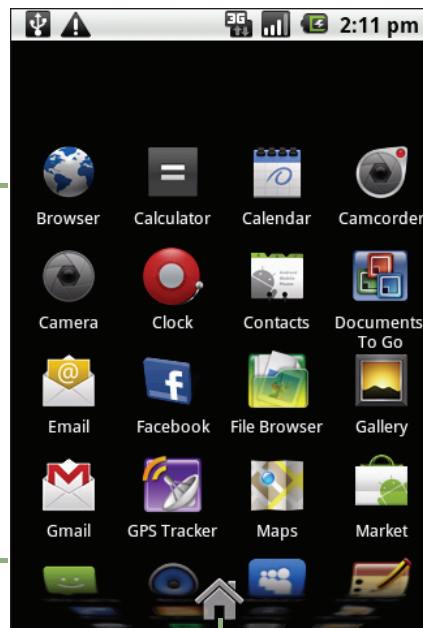
1. Tap and hold the desired shortcut icon.
The icon expands.
2.  appears at the bottom of the Home screen.
3. Drag the icon to  to delete.
The shortcut icon is then removed.



Application drawer

The Application drawer contains all applications and settings. On the Home screen, tap  to display the menu.

- Swipe your finger up or down to access more applications in this device.
- Tap an icon to open the application.

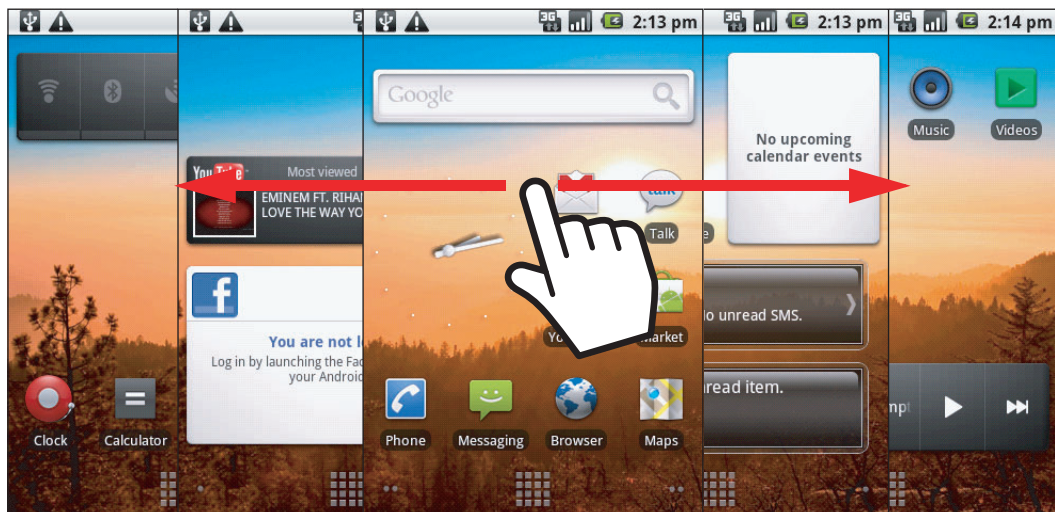


Tap to close the Application drawer and return to the Home screen.

Extended Home screen

Swipe your finger to the left or right across the Home screen.

The two left and two right extensions to the Home screen provide more space for icons, widgets, shortcuts and other items.





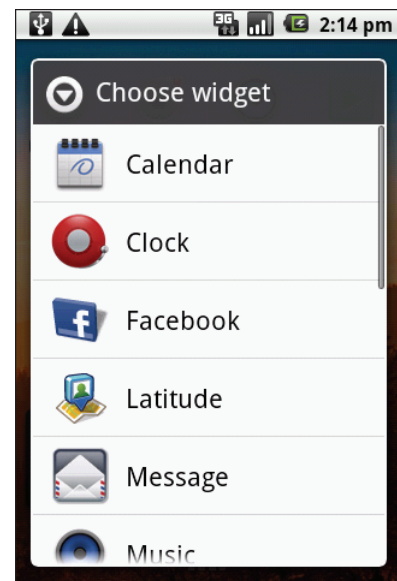
Using widgets

Save time with live updates right on the Home screen and get all of your personalised updates in one place. You may add and customise the widgets on the Home screen as you like.

1. From the Home screen, tap **Menu > Add > Widgets**. A gallery list of all available widgets is displayed.
2. Tap to select the widget that you want to appear on the Home screen.

To remove widgets:

1. From the Home screen, tap and hold the desired widget. The widget expands.
2.  appears at the bottom of the Home screen.
3. Drag the widget to  to delete. The widget is then removed.

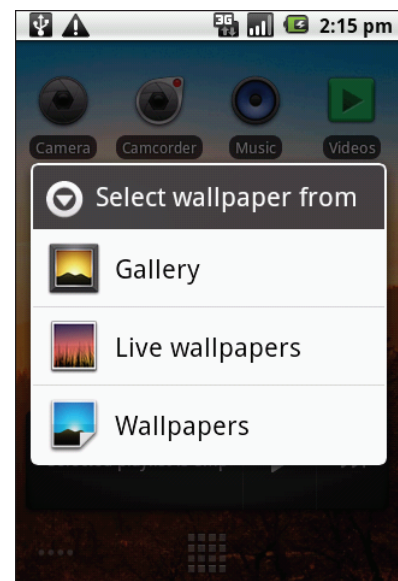


Setting the wallpaper

You can customise your Home screen wallpaper with default wallpaper or with pictures taken with this device.

Set wallpaper from Pictures

1. From the Home screen, tap **Menu > Add > Wallpapers**.
2. **Select wallpaper from** is displayed on screen.
3. Tap **Gallery**.
4. Tap to select pictures taken from the camera in the phone or saved on your SD card.
5. You will see thumbnail images of all pictures. Tap to select the picture that you want to use as wallpaper.
6. Drag your finger to select the crop area and tap inside the box to crop the image.
7. Tap **Save** and the cropped image appears as wallpaper on the Home screen.



Set wallpaper from Wallpaper gallery

1. From the Home screen, tap **Menu > Add > Wallpapers**.
2. **Select wallpaper from** is displayed on screen.
3. Tap **Live wallpapers** or **Wallpapers**.
4. All system wallpapers are displayed. Swipe your finger left or right to view all available wallpapers.
5. Tap to preview the wallpaper.
6. Tap **Set wallpaper** to apply your selection.

2.2 LED indicators

This device has 2 LED indicators: green and red. Whether this device is turned on or off, the LED indicators provide useful information.

LED	Location	Phone status	Indication
Green (solid)	Send button	Phone On/Off	Battery is fully charged.
Red (solid)	End button	Phone On/Off	Battery is charging.

NOTE: When the device is on, pressing the **Send** or **End** button will light all the LED indicators.

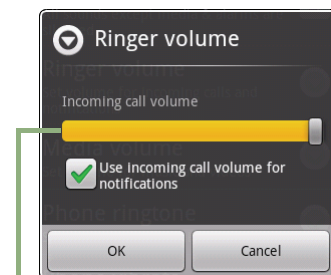
2.3 Adjusting the volume

This device has three types of volume, which can be adjusted separately:

- **Media volume:** Set the volume for music and videos.
- **Ringer volume:** Set the volume for incoming calls and notifications.
- **In-call volume:** Set the volume during a call.

To adjust ringer volume

1. Tap **Application drawer** > **Settings** > **Sound & display**.
2. In the Sound settings submenu, tap **Ringer volume** and the Ringer volume slider appears.
3. To adjust the volume, complete either of the following:
 - a. Drag the volume slider to adjust the volume.
 - b. Press the volume button. Slide the volume button up or down to adjust the volume.



Volume slider

NOTE: When the device is set to silent mode, all sounds are turned off except media and alarm.

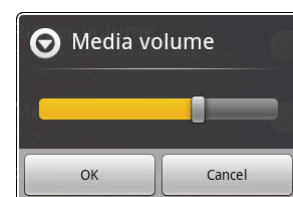
3. Tap ↶ to exit the menu.

To adjust in-call volume

1. During a phone call, press the volume button on the right.
2. Slide the volume button up or down to adjust the volume.

To adjust media volume

1. Tap **Application drawer** > **Settings** > **Sound & display**.
2. In the Sound settings submenu, tap **Media volume** and the Media volume slider appears.
3. Drag the volume slider to adjust the volume.



Volume slider


2.4 Contacts

Contacts is your phonebook that lets you store names, phone numbers, email addresses and other information. Contacts are stored in the phone memory. You can save information such as names, pictures, phone numbers, email addresses, etc. You can also add frequently used contacts to the favorites list. See “Favorite contacts” on page 16.

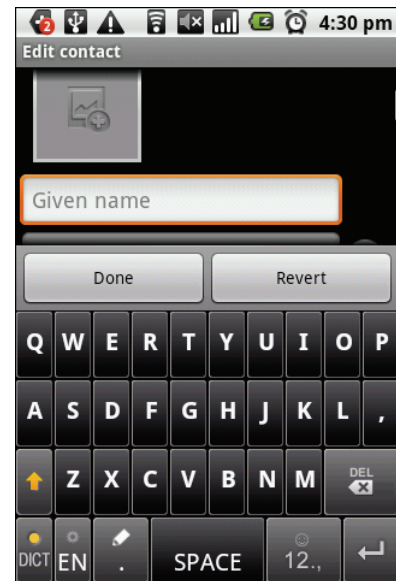
Adding a contact

1. On the Home screen, tap **Contacts**.
2. Tap **Menu > New contact**. The New contact window appears.
3. Tap each field to enter the contact information using the on-screen keyboard.

TIPS:

- To add a picture, tap **Image Icon**, then select a picture file or take a photo of the contact immediately. To take a photo of the contact, tap .

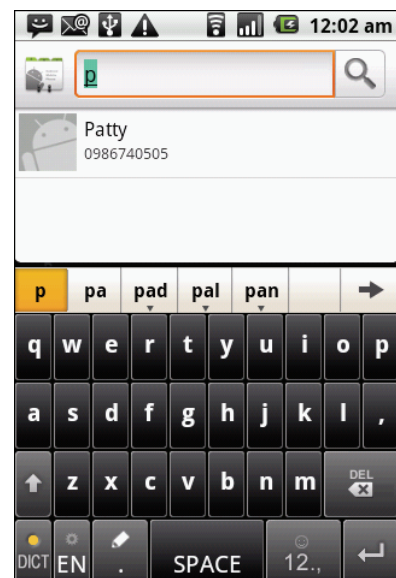
4. Tap **Done** to save.



Searching for contacts

On the Contacts screen, complete any of the following to easily search for contacts:

- Tap **Menu > Search**.
- Type the first few letters of the contact to search. The list is filtered as you type.
- Tap an alphabetical index to view contacts that start with the letter. For example, to view names that start with “k”, tap “k” and the list of contacts will be displayed.
- To filter the contacts list by categories, tap **Menu > Display options**. Tick the box to display **Only contact with phones**.



Importing contacts

Copy SIM contacts to the phone

1. From the Home screen, tap **Contacts**.
2. Tap **Menu > Import/Export > Import from SIM card**.
3. Tap **OK**.

NOTE:

- To copy a single contact, simply tap the contact, then edit contact information as in “Adding a contact”.
- To copy all contacts, tap **Menu > Import all**. All contacts on the SIM card are imported.



Copy microSD contacts to the phone

1. From the Home screen, tap **Contacts**.
2. Tap **Menu > Import/Export > Import from SD card**.

NOTE:

- To copy a single contact, simply tap the contact, tap **Import one VCard file** and tap to select the contact that you want to copy. Then edit contact information as in “Adding a contact”.
- To copy multiple contacts, tap **Import multiple VCard files**. Tick to select contacts on the memory card to be imported.
- To copy all contacts, tap **Import all VCard files**. All contacts on the memory card are imported.

3. Tap **OK**.



Backing up contacts

You can copy the contacts to the memory card to back up the contact information in this device.

Export contacts to the memory card

1. From the Home screen, tap **Contacts**.
2. Tap **Menu > Import/Export > Export to SD card**.

NOTE:

- Copying contacts to the memory card will overwrite the old backup file.
3. A warning message pops up, tap **OK** to proceed. All contacts are copied to the memory card.

Favorite contacts

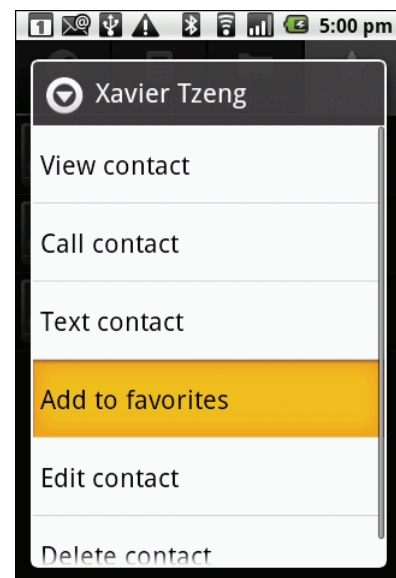
You can add the most frequently called contacts to the favorite contact list which helps you to access the contacts quickly and easily.

Add to favorites

1. From the Home screen, tap **Contacts**.
2. From the contact list, tap and hold the desired contact.
3. Tap **Add to favorites**.
4. The contact now appears in the favorites list.

Remove from Favorites

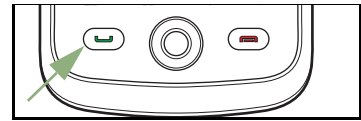
1. From the Home screen, tap **Contacts**.
2. Tap the **Favorites** tab.
The favorites list is displayed.
3. Tap and hold the desired contact to display the submenu.
4. Tap **Remove from favorites**.
The contact will be removed from the favorites list.



Chapter 3: Using the phone

To open the Phone screen, complete any of the following:

- On the Home screen, tap **Phone**.
- From any application screen, press the **Send** button.





3.1 Voice calls

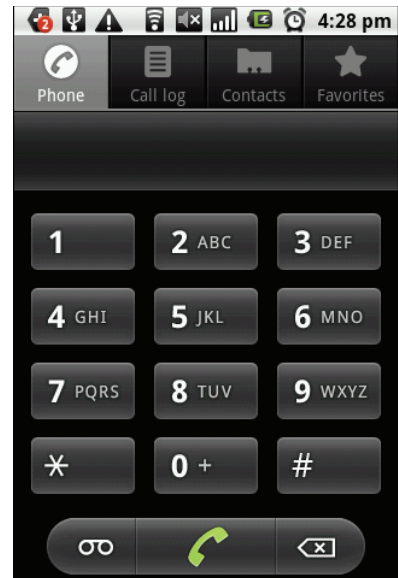
Making a call

To make a call from the Phone screen

1. From the Home screen, tap **Phone**.
2. Tap the phone number on the keypad.

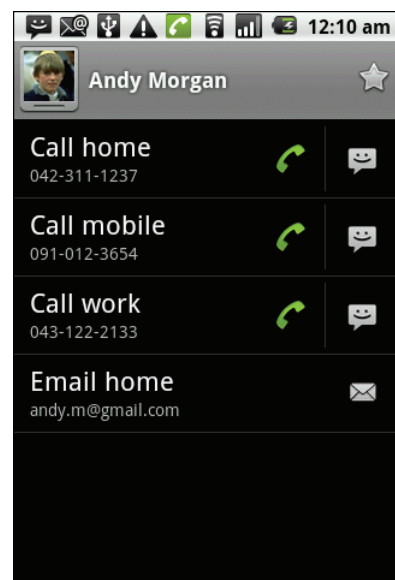
NOTE: Tap  to erase a wrong number. Tap and hold  to erase the entire number.

3. Tap the phone number or press the **Send** button to dial.
4. To end the call, press the **End** button.



To make a call from Contacts

1. From the Home screen, tap **Contacts**.
2. Tap the desired contact.
3. Tap **Call home**, **Call work** or **Call mobile**. Alternatively, press the **Send** button to dial the default number.



To make emergency calls

Emergency calls without a SIM card:

1. Open the Phone screen.
2. Tap the emergency number on the keypad.
3. Tap the phone number or press the **Send** button.

To make international calls

1. Open the Phone screen.
2. Tap and hold **0 +** until the international prefix code "+" is displayed.
3. Enter the country code, area code and the phone number.
4. Tap the phone number or press the **Send** button.

Answering a call

When you receive an incoming call:

- The device rings if the ring volume is turned on.
- A notification message appears on the screen.

To accept or reject an incoming call

- To accept the call, press the **Talk / Send** button.
- To reject the call, press the **End** button.

To put a call on hold

If a call comes in while you are already on another call, tap **Menu > Hold** to put the first call on hold.



To take a call off hold, tap **Hold** again.

To switch between calls

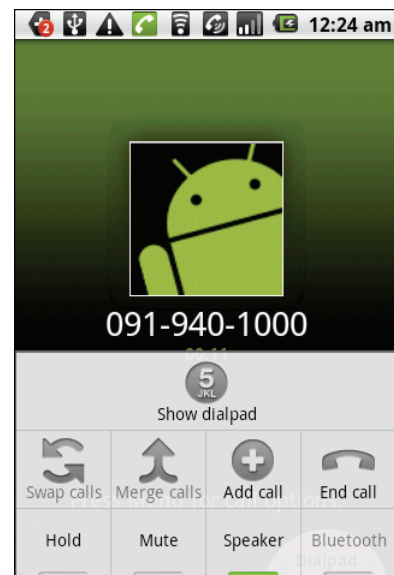
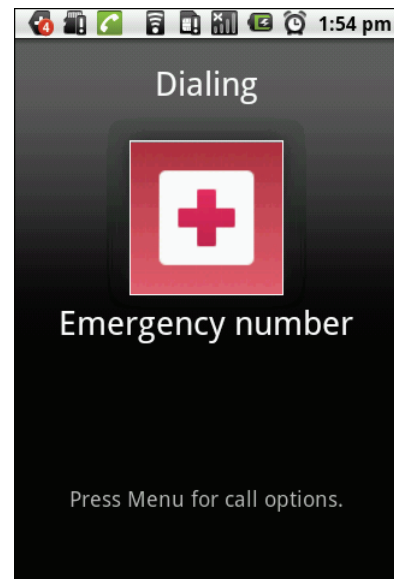
If a call comes in while you are already on another call, tap **Menu > Hold** to put the first call on hold.

Tap **Menu > Swap calls**  to switch between calls.

To set up conference calls

1. If you are already on a call, tap **Menu > Hold** to put the call on hold.
2. Tap **Add**  to display the dial pad and then enter the second number that you want to call.
3. Tap **Merge calls**  to set up the conference call.

NOTE: Conference call is a network service. Check with your network provider for the availability of this function.

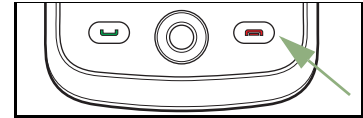


To manage other voice call features

- Tap **Menu** > **Speaker** to activate or deactivate the speakerphone.
- Tap **Menu** > **Mute** to mute or unmute the microphone.
- To view the call history, from the Home screen tap **Menu** > **Phone** > **Call log**.

Ending a call


To end a call, tap **End call**  or press the **End** button.



3.2 Voice mail

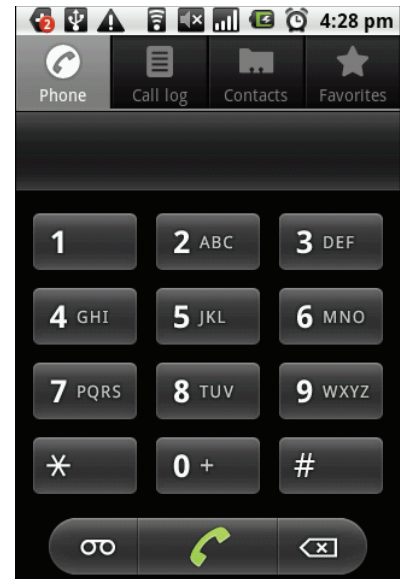
Listening to voice mail

To listen to a voice mail message

1. From the Home screen, tap Phone.
2. Tap  to listen to your voice mail messages.

NOTE: Before you use the voice mail service, you need to add a voice mail number. Tap **Application Drawer** > **Settings** > **Call settings** > **Voicemail settings**. Use the numeric keypad to enter the voice mail number and tap **OK**.

3. After listening to the voice mail messages, press the **End** button.



Chapter 4: Entering information

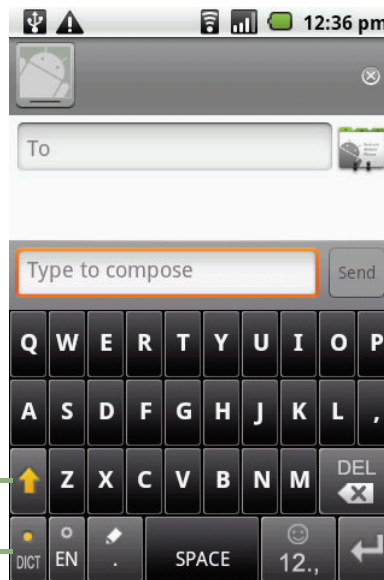
4.1 On-screen keyboard

The on-screen keyboard appears in portrait mode when an application requires text input, such as messaging and writing emails. The keyboard input method is activated by default.

CAPs Lock selector arrow

Tap to toggle between upper case or lower case text input method.

Dictionary: Tap to enable dictionary



Input method selector: Tap to choose your preferred input

Using the on-screen keyboard

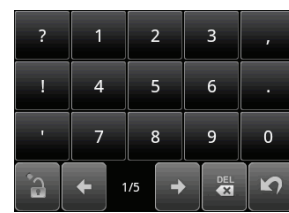
Tap the screen to display the on-screen keyboard.






Lower case keyboard
(default)



Upper case keyboard



Numbers and symbols

- Use the on-screen keyboard as you would use a computer keyboard.
- Tap the keys to enter characters.
- To toggle between upper and lower case letter display, tap .
- To display the numeric and symbols keyboard, tap . Tap  to toggle back.

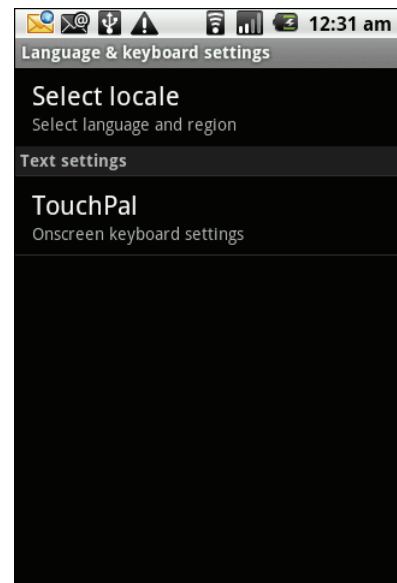
Setting the input method

This device supports several text input methods, select your preferred method.

1. Tap **Application Drawer > Settings > Language & keyboard**.
2. In the Text settings submenu, a list of the input methods is displayed. Select and check the options that you prefer.

Changing the input method

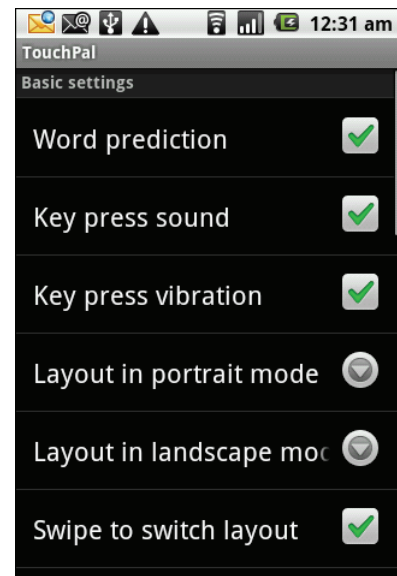
1. Tap and hold any text field in a programme.
For instance, in **Messaging**, tap and hold the field "To:".
The Input method screen pops up.
2. You may select one of the available input methods to use.





4.2 Configuring phone keyboard settings

You can use the keyboard aids to help you when you input text with the device keyboard.


1. Tap **Application Drawer > Settings > Language & keyboard**.
2. Tap **TouchPal**.
3. Select the applicable options from the following:
Basic settings, Prediction & Gestures, Chinese and Handwriting submenus.
 - **Basic settings:** Options available include Word prediction, Key press sound, Key press vibration, Layout in portrait mode, Layout in landscape mode, Swipe to switch layout, Mixed language input and Select languages.
 - **Prediction & Gestures:** Options available include Predict next word, Correct mistyping, Slide-down symbols and Relevant words.
 - **Chinese:** tap **Ambiguous PinYin** to see more options.



Chapter 5: Email & messaging

Use **Messaging**  to access text and MMS messages. Use **Email**  to send and receive email messages via your Internet email accounts.

To open messaging

- On the Home screen, tap .
- From the Application drawer, tap **Messaging**.

5.1 Text messages

A text message can only contain letters, numbers and symbols.

Creating and sending a text message

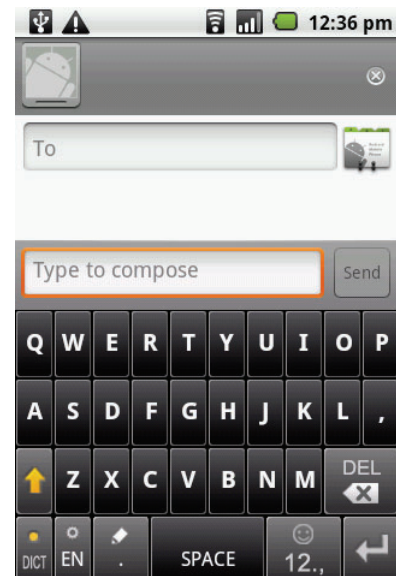
This device offers several ways to create and send a new text message.

From the Messaging screen

1. Tap **New message**.
2. The Compose screen is displayed.
3. In the **To** field, enter the recipient's phone number.

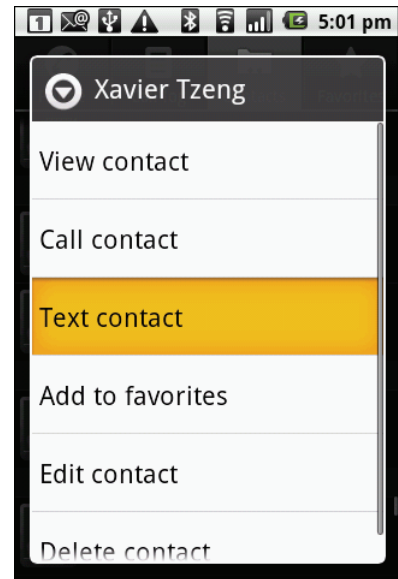
TIP: To add recipients from Contacts, tap **To** and enter at least two numbers of a contact number or two characters of a contact name. Then the corresponding contact will be listed for you to select.

4. Type your message in the **Type to compose** field.
5. Tap **Send** or press the **Send** button to send your message.



From Contacts

1. From the Home screen, tap **Contacts**.
2. Tap and hold a contact to display the options menu.
3. Tap **Text contact**.
4. Compose the contents.
5. Tap **Send**.




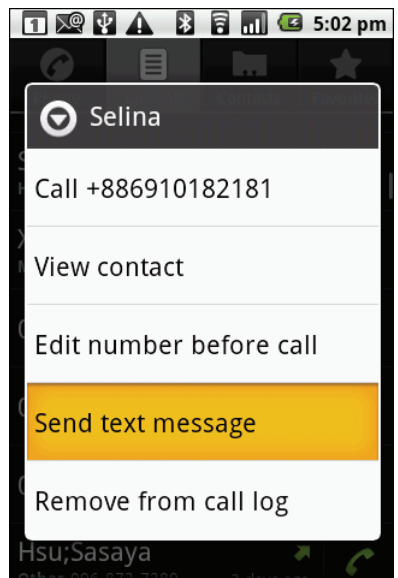
From Call log

1. From the Home screen, tap **Contacts**.
2. Tap the Call log tab to view all call history.
3. Tap a call from the Call log.
4. Tap **Send text message**.
5. Compose the contents.
6. Tap **Send**.

Note: If you exit Messaging before sending a message, the unsent message will automatically be saved as a draft.

To request message delivery notification

1. In **Messaging**, tap **Menu** > **Settings** to access SMS and MMS settings.
2. Tap to tick **Delivery reports** checkbox.
3. Tap  to exit the menu.



Receiving and managing messages

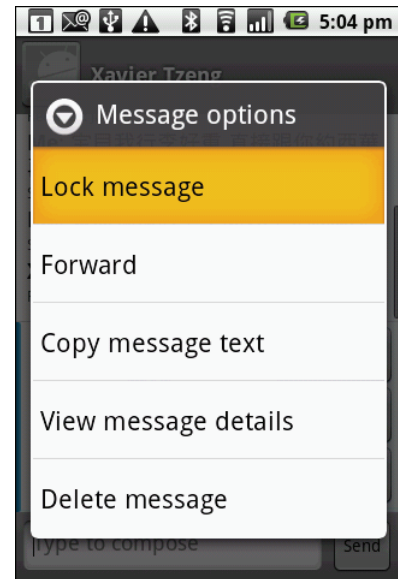
When you send and receive messages from a contact, these messages are grouped as a message thread. A message thread looks like an exchanged conversation.

To reply to a text message

1. Tap **Application Drawer** > **Messaging**.
2. Tap a message thread to open it.
3. Tap **Type to compose** to compose your message.
4. Tap **Send**.

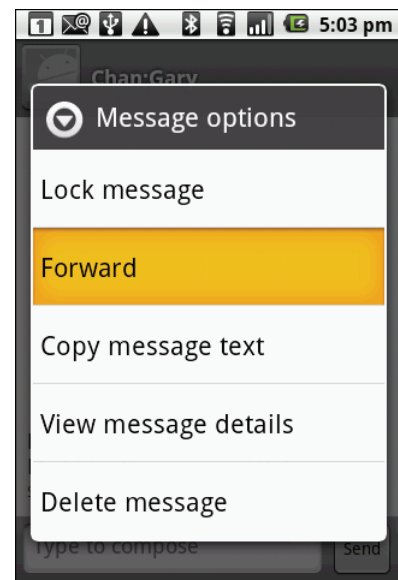
To lock a text message

1. Tap **Application Drawer > Messaging**.
2. Tap to view a message thread.
3. Tap and hold a message to display the message options.
4. Tap **Lock message**.
5. The message is locked and will not be deleted when the conversation limit reaches the maximum.
6. To unlock a message, repeat the steps above.



To forward a text message

1. Tap **Application Drawer > Messaging**.
2. Tap to view a message thread.
3. Tap and hold a message to display the message options.
4. Tap **Forward**.
5. In the **To** field, enter the recipient's phone number.
6. Tap **Send**.



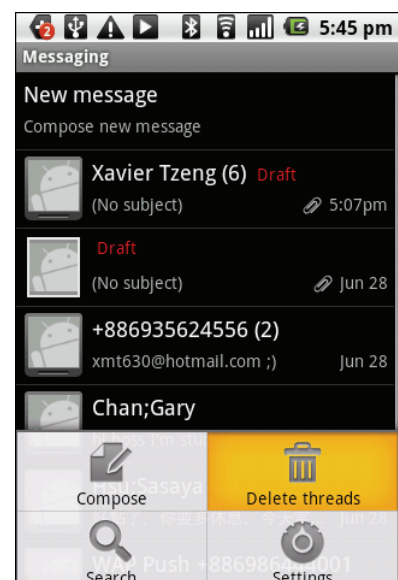
To delete all text messages

You can delete all text threads in Messaging.

1. Tap **Application Drawer > Messaging**.
2. Tap **Menu > Delete threads**. A warning message pops up.

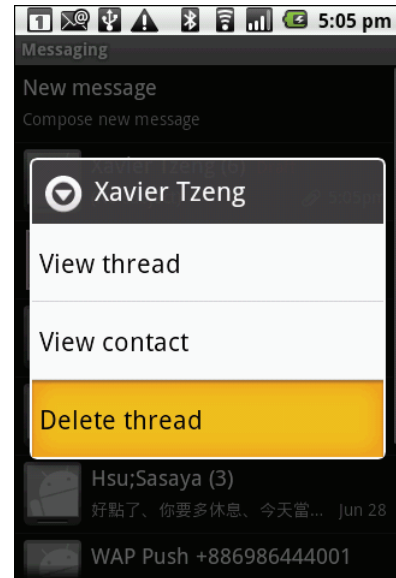
NOTE: To delete locked messages, tick **Delete locked messages**.

3. Tap **Delete** to confirm the deletion of all message threads.



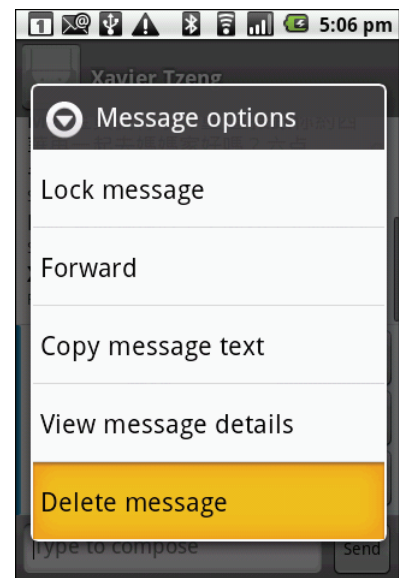
To delete one message thread

1. Tap **Application Drawer > Messaging**.
2. Tap and hold the message thread that you want to delete.
3. Tap **Delete thread**.



To delete a message within a thread

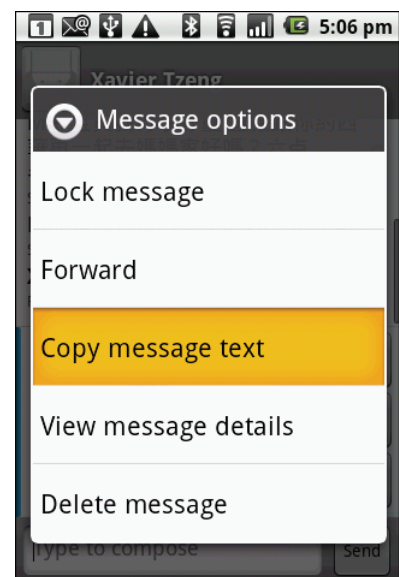
1. Tap **Application Drawer > Messaging**.
2. Tap the message thread to open it.
3. Highlight the message to be deleted by flicking your finger down across the sender of the message.
4. Tap and hold the highlighted message.
5. Tap **Delete message**.



To copy message text

You can use this function to copy the text from a message to a new message that you are composing.

1. Tap **Application Drawer > Messaging**.
2. Tap a message thread to open it.
3. Tap and hold the message to display the submenu options.
4. Tap **Copy message text**.
5. Go to **New message**.
6. Tap and hold **Type to compose**.
7. Tap **Paste** to paste the copied text to your new message.



5.2 Multimedia messages

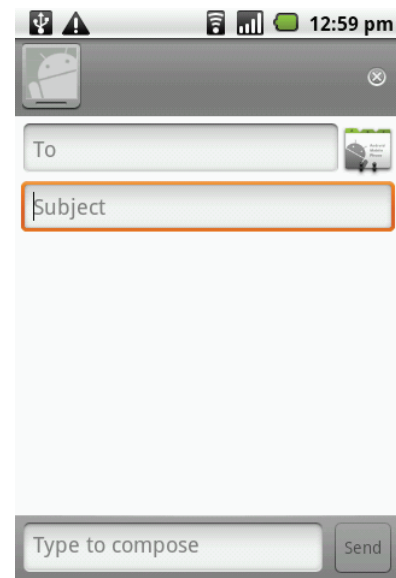
A Multimedia message or MMS can contain letters, an image, an audio or video file.

Creating and sending an MMS message

This device offers several ways to create and send an MMS message.

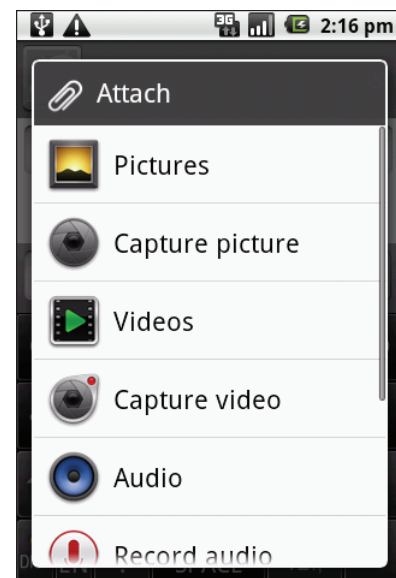
From the Messaging screen

1. Tap **Application Drawer > Messaging**.
2. Tap **New message**.
3. Tap **Menu > Add subject**.
The message automatically converts to an MMS message.
4. In the **To** field, enter the recipient's phone number or email address.
TIP: To add recipients from **Contacts**, tap **To** and enter at least two numbers of a contact number or two characters of a contact name. Then the corresponding contact will be listed for you to select.
5. Enter the subject.
6. To insert a picture or video file, tap **Menu > Attach**.
7. To insert text, tap **Type to compose**, then enter the message.
8. To insert an audio file, tap **Menu > Attach > Audio**.
9. Tap **Send**.



From Contacts

1. From the Home screen, tap **Contacts**.
2. Tap a contact and hold the contact that you want to send the text to.
3. Tap **Text contact**. The message window is displayed.
4. Tap **Menu > Add subject** to convert to an MMS message. To enter a subject, tap **Subject**.
5. To insert a picture or video file, tap **Menu > Attach**.
6. To insert text, tap **Type to compose**, then enter your message with the on-screen keyboard.
7. To insert an audio file, tap **Menu > Attach > Audio**.
8. Tap **Send**.






From the Call log

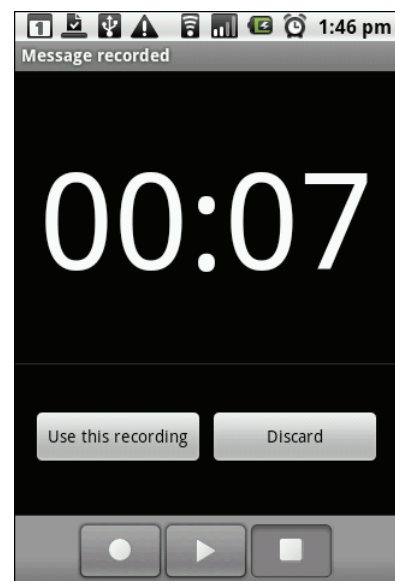
1. From the Home screen, tap **Contacts > Call log**.
2. Tap and hold a call from the Call log.
3. Tap **Send text message**.
4. Tap **Menu > Add subject** to convert to an MMS message. To enter a subject, tap **Subject**.
5. To insert a picture or video file, tap **Menu > Attach > Pictures / Videos**.
6. To insert an audio file, tap **Menu > Attach > Audio**.
7. To insert text, tap **Type to compose**, then enter your message using the on-screen keyboard.
8. Tap **Send**.

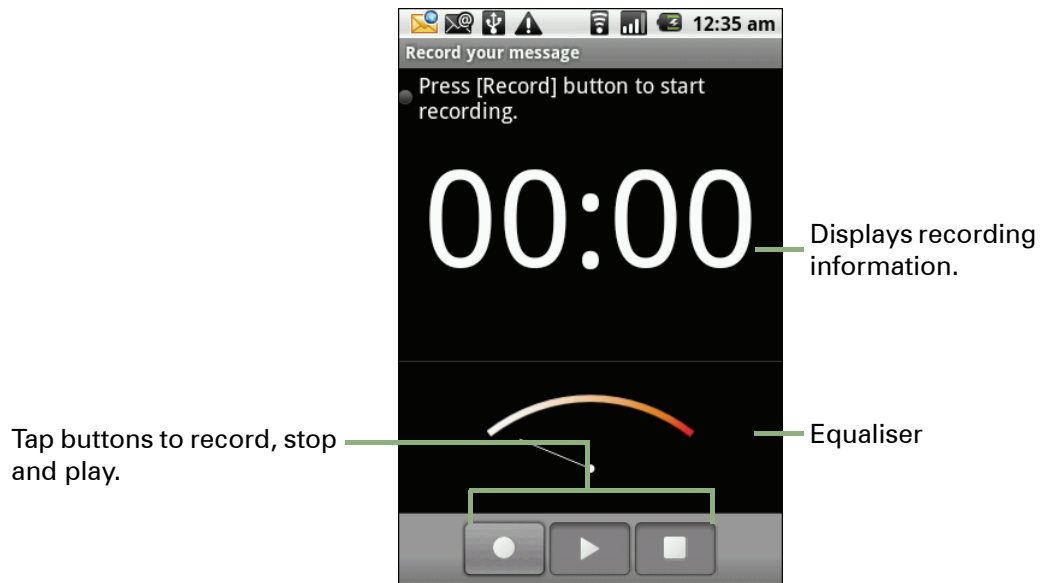
5.3 Voice message

This device can be used to send voice messages.



To create a voice message

1. Tap **Application Drawer > Messaging**.
2. Tap **New message**.
3. Tap **Menu > Attach > Record audio**.
4. Tap  to record your message.
5. Tap  to stop recording.
6. Tap  to listen to your recording.
7. Tap **Use this recording** to proceed or **Discard** to return to the compose message screen.
8. Tap **Play** to listen to your recording again, or tap **Remove** to delete your recording from the MMS message.
9. Enter the recipient's phone number in the **To** field.
10. Tap to enter a message and tap **Send**.





Recording voice

1. Tap  to record your message.
2. Tap  to stop recording.

NOTE: Tap  to play voice.

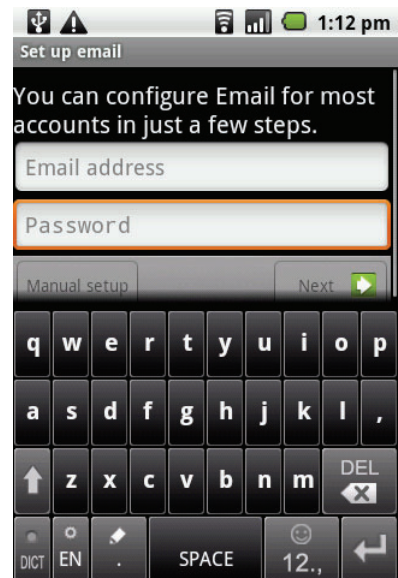
5.4 Email accounts

This device can send and receive emails just like you do with a computer. This device supports Internet email: an email account provided by an Internet Service Provider (ISP) or web-based email, such as Google Mail, Hotmail, Yahoo! Mail, etc.

Setting up an Internet email account

1. Tap **Application Drawer > Email**.
2. Select your email account provider.
3. Enter your **email address** and **password**.
4. Tap **Next**. The device will automatically retrieve the email settings.
 - To add another email account, tap **Menu > Add account**.
5. Enter **Name** and **Account display name**.

NOTE: The **Account display name** is the name shown on the Home screen and Email screen.
6. Tap **Done**.

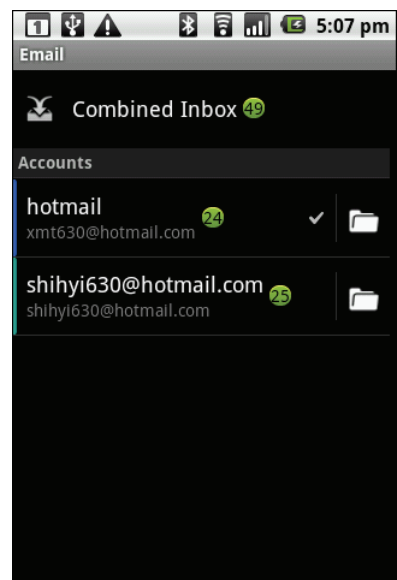


To open email

From the Application Drawer, tap **Email** to view your emails.

To select an account

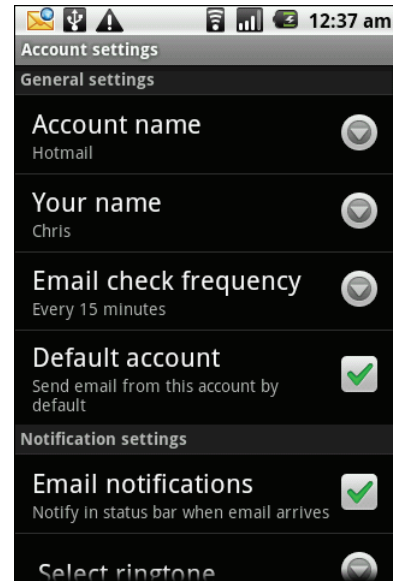
1. Tap **Application Drawer > Email**.
2. The account picker screen lists the available email accounts.
3. Tap the account you want to access.



To configure email settings

Configure message settings using the **Account settings** submenus.

1. On the Accounts screen, tap to select an email account.
2. Tap **Menu** > **Account settings** to open the email setting submenus.



5.5 Using email

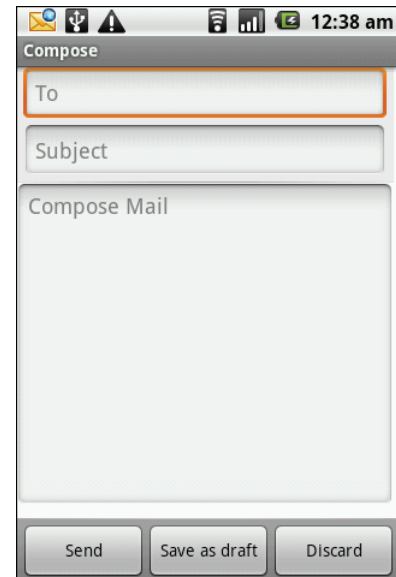
Composing and sending an email

1. Tap **Application Drawer** > **Email**, then tap an email account.
2. Tap **Menu** > **Compose**.
3. In the **To** field, enter the recipient's email address.
4. To enter a subject, tap **Subject**.
5. Compose the contents.
6. Tap **Send**.

Sending an email from contacts

You can send an email to a contact with an email address stored in Contacts.

1. On the Home screen, tap **Contacts**.
2. Tap a name to open contact.
3. Tap **Email home** or **Email work**.
4. Choose to send an email via Google Mail or other email accounts.
5. Enter the subject and compose the content.
6. Tap **Send**.



Adding attachments to an email message

1. Before sending your message, tap **Menu** > **Attach**.
2. Select a picture that you want to attach from the gallery folders.

Receiving emails

Emails are automatically received in the Inbox folder when the device connects to the network.

To receive emails manually

1. Tap **Application Drawer** > **Email**, then tap an email account.
2. Tap **Menu** > **Refresh**.

Reading and replying to emails

The Inbox displays the email headers. When you open the email, it shows only a part of the message, unless it is a very short message. Download the email to view the complete content.

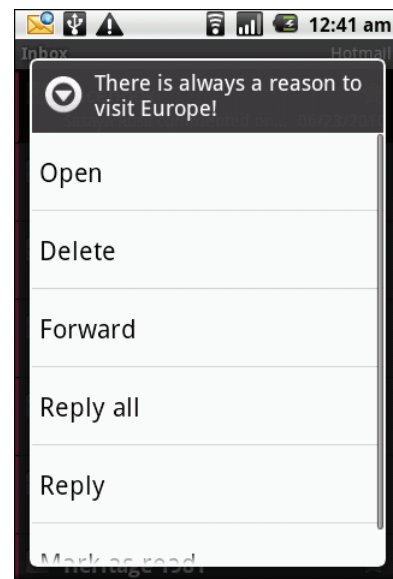
To download attachments

- With POP3 email accounts, attachments are downloaded when you download the complete message.
- With IMAP4 email accounts, tap the attachment to mark it for download. The attachment is downloaded the next time you connect to your email server.

NOTE: Only supported file types can be opened on this device.

To reply to or forward an email

1. Open the message.
2. Do any of the following:
 - Tap **Reply** or **Reply all** to reply to the email.
 - Tap **Menu > Forward**. Then enter the recipient in the **To** field.
3. Compose your message.
4. Tap **Send**.



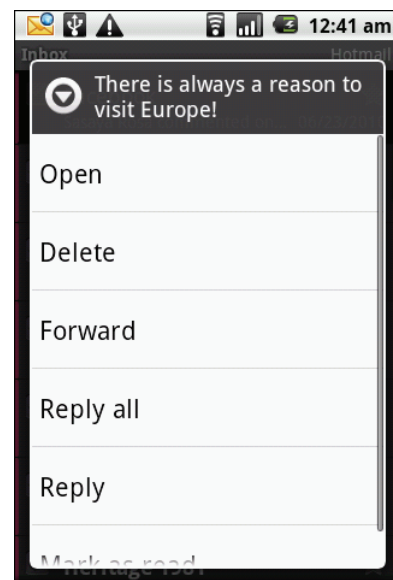
Managing email folders

To delete an email

1. Tap **Application Drawer > Email**, then tap an email account.
2. Tap Inbox to view the inbox messages.
3. Tap and hold the message to delete.
4. Tap **Delete**.

To move between messaging accounts

If you are viewing the messaging list screen of one account and you want to view the list of another account, tap **Menu > Accounts**, then tap the account that you want to view.



Customising email settings

You can configure the general settings of your email account such as account name, email checking frequency, default account, notifications and server settings.

To set up your account name

1. Tap an email account.
2. Tap **Menu > Account settings** to view the email account settings and make adjustments.
3. Tap **Account name** to change the account name.
4. Tap **OK** to confirm.

To set up the email checking frequency

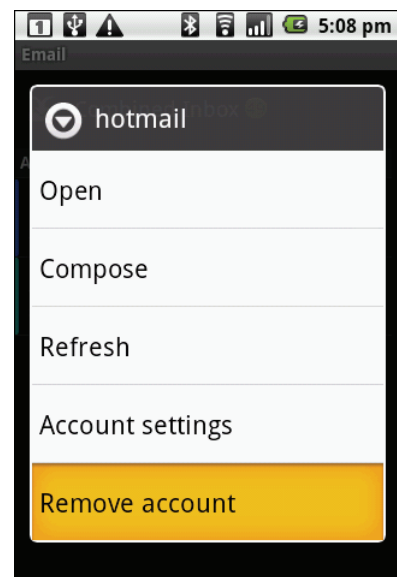
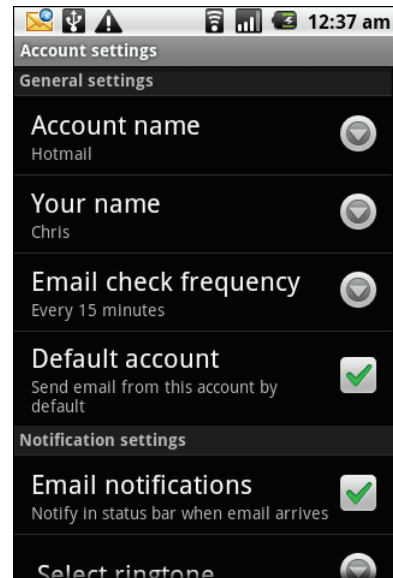
1. Tap an email account.
2. Tap **Menu > Account settings** to view the email account settings and make adjustments.
3. Tap **Email check frequency**.
You can set the device to check for new emails automatically every 5 mins, every 10 mins, every 15 mins, every 30 mins, every hour or never.

To set up default account

1. Tap an email account.
2. Tap **Menu > Account settings** to view the email account settings and make adjustments.
3. Tap **Default account** to send email from this account by default.

To delete an email account

1. Tap **Application Drawer > Email**.
2. Tap and hold the account to delete.
3. Tap **Remove account**.
4. Tap **OK** to confirm.



Chapter 6: Using the Internet

6.1 Connecting to the Internet

This device connects to the Internet via:

- Wi-Fi
- Mobile data networks


Wi-Fi

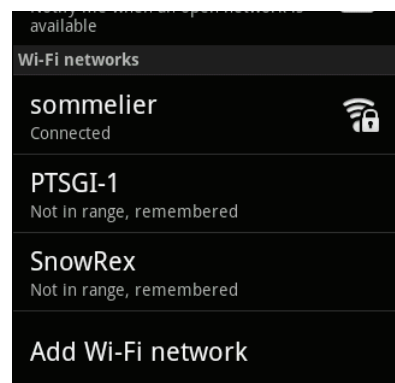
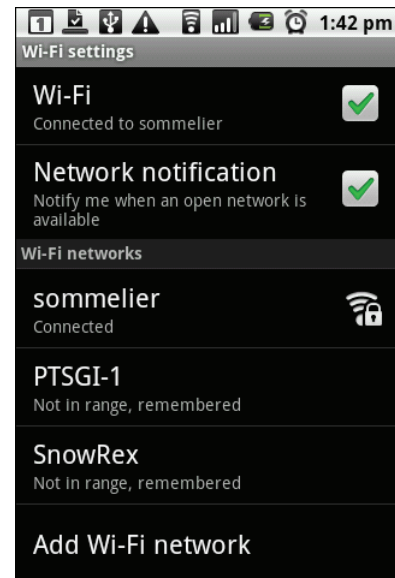
To turn Wi-Fi on or off

1. From the Home screen, tap **Application Drawer** > **Settings** > **Wireless & networks**.
2. Tap to check the **Wi-Fi** function and turn Wi-Fi on or off.

To connect to a Wi-Fi network

1. Turn Wi-Fi on.
2. Tap **Wi-Fi settings**. The device scans for Wi-Fi signals.
3. Detected networks are displayed below.
Tap a network connection, then tap **Connect**.
4. If you select an unsecured network, the connection is automatically established. Otherwise, proceed to the next step.
5. When you attempt to connect to a secure network, you will be prompted for the password. Enter the password then tap **Connect**.

When Wi-Fi is connected, the  connection icon is displayed in the status bar.



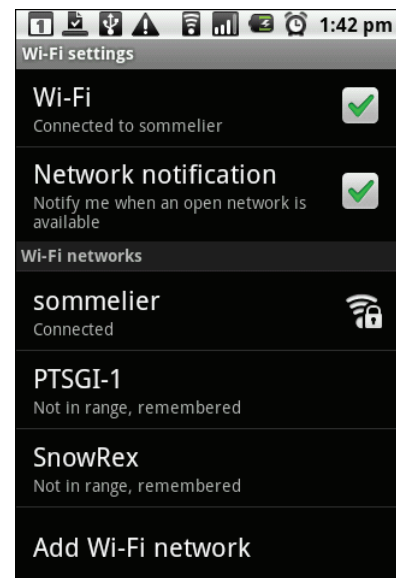
To add a Wi-Fi network

1. From the Home screen, tap **Application Drawer** > **Settings** > **Wireless & networks**.
2. Tap **Wi-Fi settings**.
3. In Wi-Fi networks, tap **Add Wi-Fi network**.
A new window is displayed.
4. Follow the on-screen instructions and enter the necessary information, then tap **Save** to store your settings.



To configure Wi-Fi settings

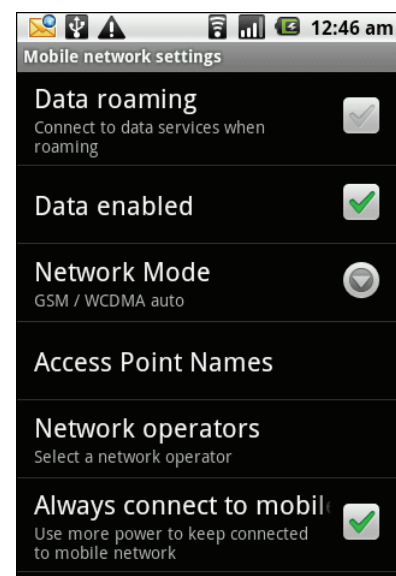
1. From the Home screen, tap **Application Drawer** > **Settings** > **Wireless & networks**.
2. Tap **Wi-Fi settings**.
3. Tap **Menu** > **Advanced**.
NOTE: If you use static IP, enter the IP settings as required.
4. In IP settings, enter the information for IP address, gateway, netmask and DNS. Tap **OK** to save your settings.



Mobile data networks

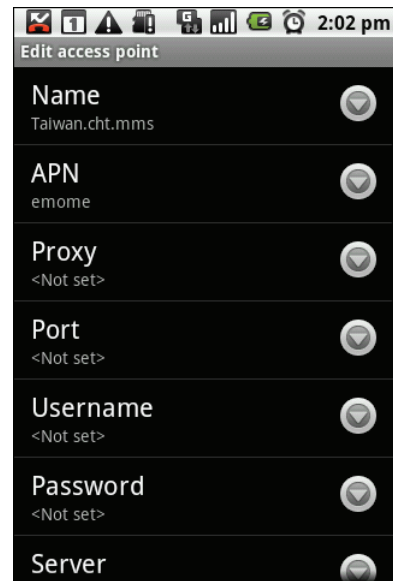
Check the availability of these connections with your network service provider and obtain the following information:

- Access Point Names
- Proxy
- Port
- Username
- Password



To set up wireless data connection

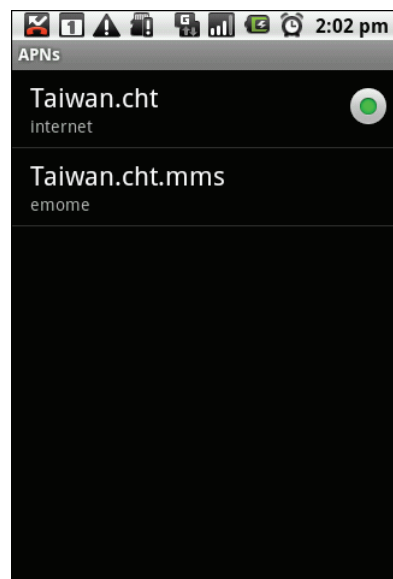
1. Tap **Application Drawer** > **Settings** > **Wireless & networks**.
2. Tap **Mobile networks** > **Access Point Names**.
3. Tap **Menu** > **New APN**.
4. Tap **Name** to enter a name for the connection, then tap **OK**.
5. Enter the **APN**, then tap **OK**.
6. Enter the **Proxy**, **Port**, **Username** and **Password** (if available) etc., then tap **OK**.
7. Tap **Menu** > **Save** to store your settings or tap **Menu** > **Discard** to exit without saving the changes.

**Starting a data connection**


A data connection is automatically activated when the device is turned on. If you set up multiple data connections, select the connection that you want to use manually.

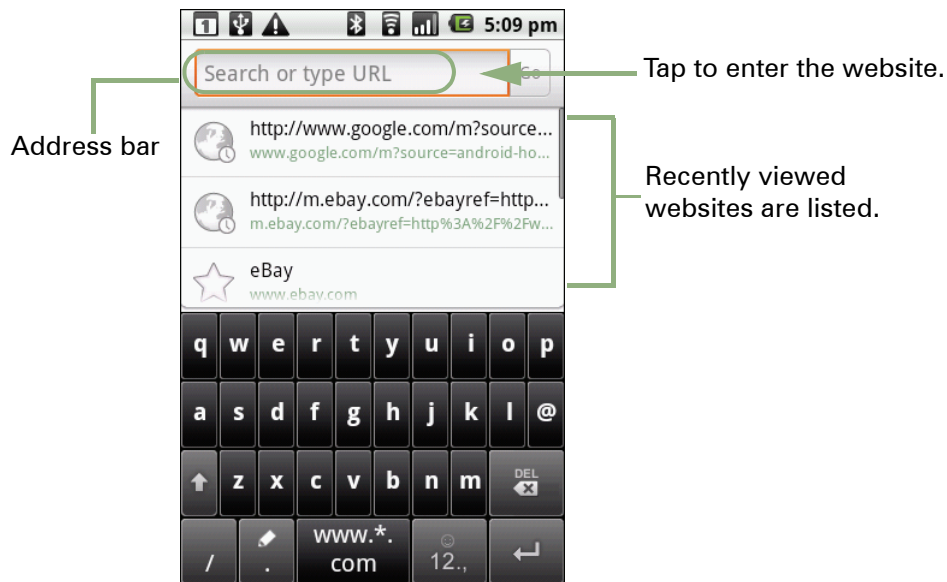
To start a data connection manually

1. Tap **Application Drawer** > **Settings**.
2. Tap **Wireless & networks** > **Mobile networks** > **Access Point Names**.
3. A list of connections will be displayed. Tap the radio button to select the connection that you want to use.



6.2 Browsing a web page

1. Tap **Application Drawer > Browser**.
2. Tap the address bar at the top of the screen. Type the URL then tap .



To scroll the page

To scroll up or down, swipe your finger down or up. To scroll left or right, tap and swipe your finger to the right or left.

To set the Home page

1. While viewing a web page, tap **Menu > More > Settings > Set home page**.
2. Enter the URL of the page that you want to set as home page.
3. Tap **OK** to save your settings.

Managing a web page

While viewing a web page, tap **Menu** to change view settings or apply other functions.

The following table lists the menu options. Depending on the function, some options may be unavailable.

Menu item	Descriptions
New window	Open a web page in a new window.
Bookmarks	Tap to select from the list of saved favorite web pages.
Windows	Tap to select from a list of open web pages to view.
Refresh	Tap to refresh the page.

Menu item	Descriptions
Add bookmark	Tap to save as favorite web pages to visit.
Find on page	Tap to find the text on the web page.
Select text	Tap to select text on the web page.
Page info	Tap to view web page information.
Share page	Tap to send this web page via email or messaging.
Downloads	Tap to view the download history.
Settings	Tap to configure browser settings: <ul style="list-style-type: none"> • Page content settings: configure page content settings. • Privacy settings: configure privacy settings. • Security settings: configure security settings. • Advanced settings: view and adjust gear settings or reset all settings to factory default.

Quick search on your phone and the web

From the Home screen, you can search for information on your phone and on the web with **Google Search**.


To search for information by entering text

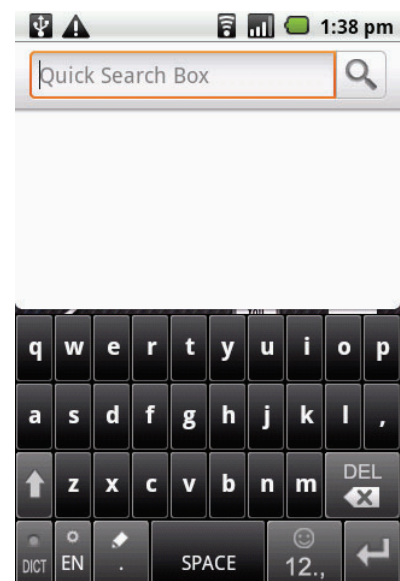
1. Tap the **Google Search** widget.
2. Enter the text that you are searching for in the **Quick Search Box**.

As you type, matching items on your phone and suggestions from Google web search are added to the list of previously chosen search results.

3. If what you are searching for is in the list of suggestions, phone search results or previously chosen search results, tap it in the list.

The item opens in the appropriate application, such as Contacts or Browser.

4. If what you are searching for is not in the list, tap  in the Quick Search Box. The Browser opens, displaying the results of a Google search on the web.



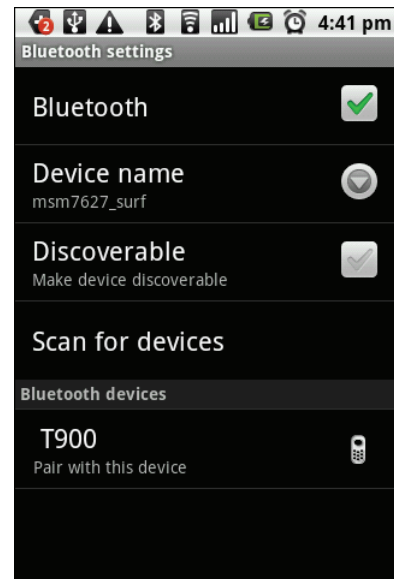
Chapter 7: Using Bluetooth

Bluetooth modes

- **On:** Bluetooth is turned on. This device detects other Bluetooth devices, but this device is not visible to others.
- **Discoverable:** Bluetooth is turned on and this device is visible to other Bluetooth devices.
- **Off:** Bluetooth is turned off.

To turn Bluetooth on or off

1. Tap **Application drawer** > **Settings** > **Wireless & networks**.
2. Tap to check **Bluetooth** and activate.
3. To make your phone visible to others, tap **Bluetooth settings** and tick **Discoverable** to make this phone visible to other devices.



7.1 Connecting to Bluetooth devices

A connection to a Bluetooth device is called a partnership. You need to pair and create a partnership with a Bluetooth device to exchange information.

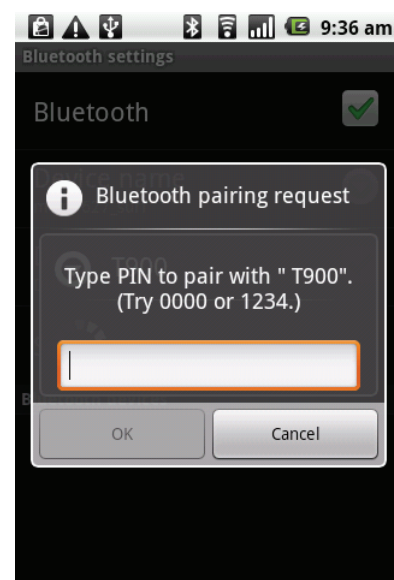
1. Tap **Application drawer** > **Settings** > **Wireless & networks**.
2. Tap **Bluetooth settings** to view the menu options.
3. To search for a new device, tap **Scan for devices**.
4. Tap the device to connect.
5. Enter the **PIN** to start pairing, then tap **OK**.

NOTE: PIN of the device must be the same PIN on the other Bluetooth pairing device.

6. If you connect with an audio device which only supports HSP/HFP, "**Connected to phone audio**" will be displayed on the screen.
7. If you connect with an audio device which supports HSP/HFP/A2DP, "**Connected to phone and media audio**" will be displayed on the screen.

NOTE: Tap and hold the selected device to enter the device options menu.

NOTE: Once a partnership has been created, connecting to that device again will no longer require entering the password.



Chapter 8: Multimedia applications

8.1 Photos and videos



You can take photos and videos with the 5.0-megapixel camera in this device.

Taking a photo





1. Tap **Application Drawer** > **Camera**. The screen automatically switches to landscape view.

NOTE: To activate the camera at any time, press and hold the shutter button on the side.

2. Aim the device at the subject, then press the shutter button halfway down or tap and hold  to focus.
3. The focus frame turns green to indicate that the focus is set, fully press the shutter button or tap  to take the shot.





Recording video



1. Tap **Application Drawer** > **Camcorder**.
2. Aim the device at the subject.
3. To start recording, press the shutter button or tap .
4. To stop recording, press the shutter button again or tap .

Reviewing a photo





After taking a shot, a thumbnail image is displayed in the top-right corner of the screen.

1. Tap the thumbnail to view the image in full screen size.
 - Tap **DELETE**  to delete the picture and view the next picture.
 - Tap **SHARE**  to share the picture via Email or Messaging.
 - Tap **SET AS**  to set the image as **Contact icon** or **Wallpaper**.
 - Tap **DONE**  to save your settings.



Reviewing a video

After recording a video, the video thumbnail is displayed in the top-right corner of the screen.

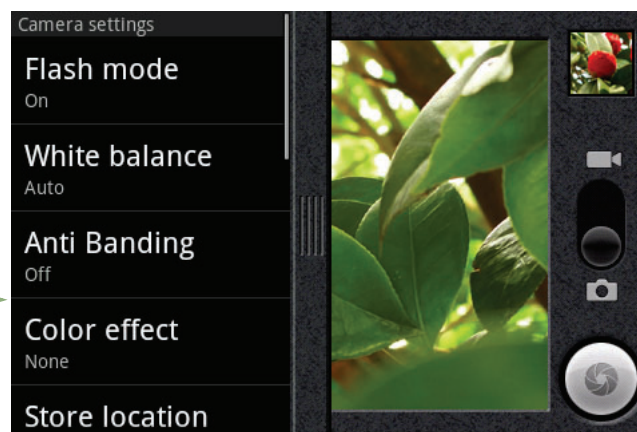
1. Tap the video thumbnail to playback the video in full screen mode.
 - Tap **DELETE**  to delete the picture and view the next picture.
 - Tap **SHARE**  to share the picture via Email or Messaging.
 - Tap **PLAY**  to playback the video clip.
 - Tap **DONE**  to save your settings.



Configuring camera settings

On the camera screen, tap **Menu > Settings**. The Camera settings menu is displayed on the left of the screen. Swipe your fingers up and down to scroll the page for more options.

Tap an option to configure the camera settings.



Tap to view and adjust the general settings of your camera

Mode	Setting	Available options
Photo mode	Flash Mode	Auto, On, Off
	White Balance	Auto, Incandescent, Daylight, Fluorescent, Cloudy
	Anti Banding	Off, 50 Hz, 60 Hz, Auto
	Color effect	None, Mono, Sepia, Negative
	Store location	Off, On
	Picture size	5 M, 3 M, 2 M, 1 M, VGA, QVGA
	Picture quality	Super fine, Fine, Normal
	Metering Mode	Frame Average, Center Weighted, Spot Metering
	Sharpness	0, 1, 2
	Contrast	-2, -1, 0, 1, 2
	Saturation	-2, -1, 0, 1, 2
	Brightness	-3, -2, -1, 0, 1, 2, 3
	prompt after capture	No limit, No preview, 3 seconds, 5 seconds, 10 seconds
	Grid	Off, On
	Shutter sound	Off, On
Video mode	Video quality	VGA, QVGA, QCIF
	Video Encoder	MPEG4, H263, H264
	Video duration	60 minutes (for MMS), 10 minutes, 30 minutes
	White Balance	Auto, Incandescent, Daylight, Fluorescent, Cloudy
	Color effect	None, Mono, Sepia, Negative
	prompt after capture	No limit, No preview, 3 seconds, 5 seconds, 10 seconds

8.2 Viewing photos & videos

To view photos in the album

1. Tap **Application Drawer** > **Gallery**
2. Tap **Camera** to view the images as thumbnails.
3. Tap an image to view.
4. To view previous/next image, tap the left/right sides of the screen.

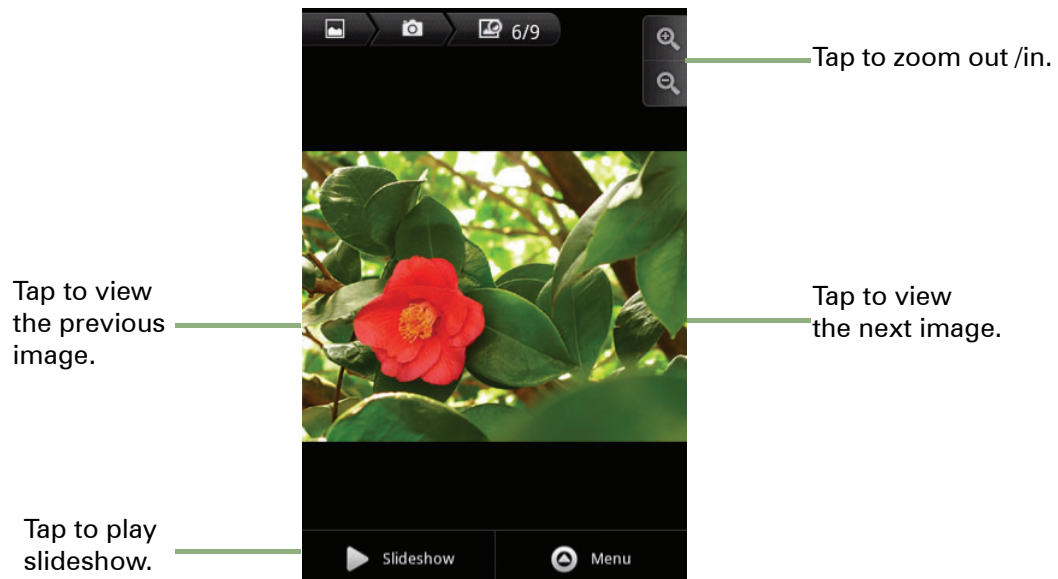
To play a slideshow

1. While viewing an image, tap **Slideshow**.
2. Tap the screen again to stop the slideshow.



To zoom the image

While viewing the image, tap the screen to show the zoom bar.



To set an image as wallpaper

1. While viewing an image, tap **Menu** > **More** > **Set as** > **Wallpaper**.
2. Drag your finger to select the crop area and tap inside the box to crop the image.
3. Tap **Save** to set the image as wallpaper.

To save an image to Contacts

1. While viewing an image, tap **Menu** > **More** > **Set as** > **Contact icon**.
2. Tap the contact name to add the image.
3. Drag your finger to select the crop area and tap inside the box to crop the image.
4. Tap **Save** to save the image as contact icon.

To edit an image

While viewing an image, tap **Menu** > **More**.

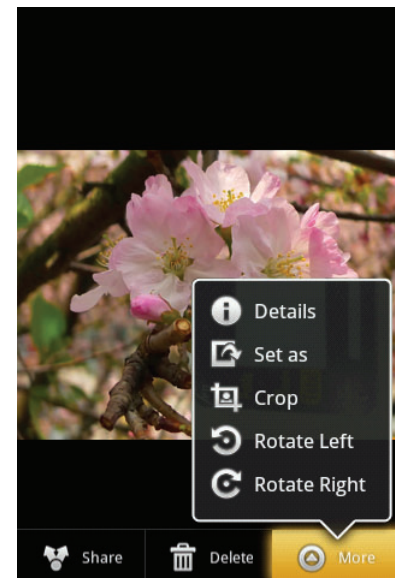
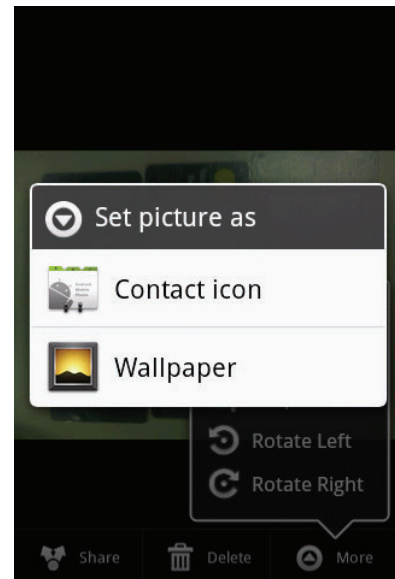
- To crop the image, tap **Crop**.
 - Drag your finger to select the crop area.
 - Tap inside the box to crop.
 - Tap **Save** to save the image.
- To rotate the image, tap **Rotate Left** or **Rotate Right**.

To view file properties

1. While viewing an image, tap **Menu** > **More** > **Details**.
The file information is displayed.
2. Tap **OK** to return to the image.

To playback videos in the album

1. Tap **Application Drawer** > **Videos**.
All saved video clips are displayed.
2. Tap the video to playback.



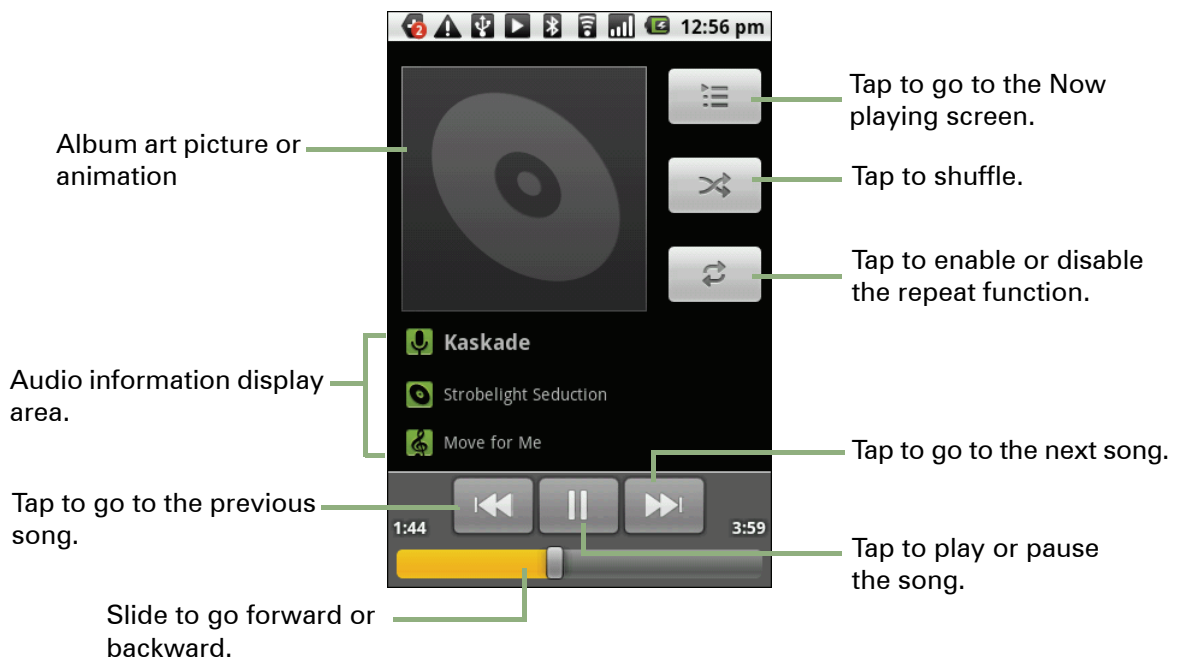
8.3 Using the music player

You can transfer your music to this device from the computer.

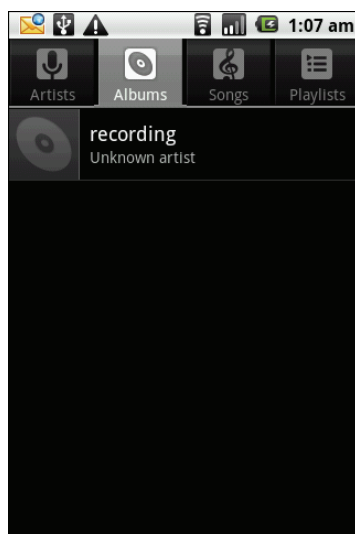
Tap **Application Drawer > Music**.

Music screen

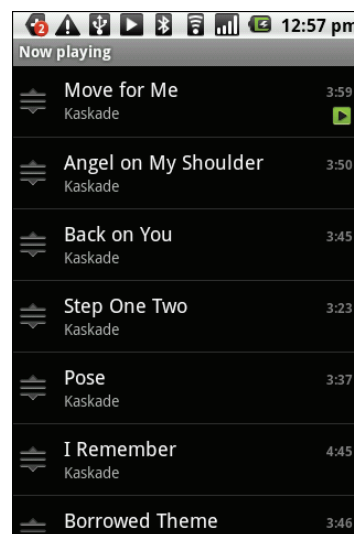
- **Playback screen:** Displays the playback area with the playback controls.



- **Library screen:** Displays folder categories which makes searching for media files quick and easy. It contains the following categories: **Artists, Albums, Songs** and **Playlists**.
- **Now Playing screen:** Displays the list of songs currently playing and those on queue for playback. Drag the icon on the left of each media file to arrange the sequence of files for playback.



Library screen



Now playing screen

Playing music

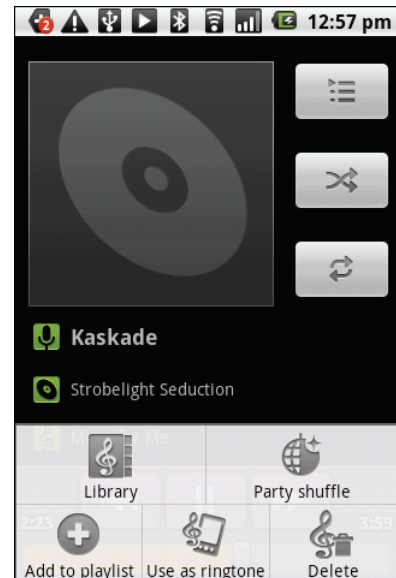
To play music

1. Tap **Application Drawer > Music**.
The Library screen is displayed.
2. Tap **Songs** and all of the songs on the device are displayed.
3. Tap to select the song, then the music playback starts automatically.

Changing playback options

While on the Playback screen, tap **Menu**.

- Tap **Library** to go to the Music Library screen.
- Tap **Party shuffle** to play all songs in shuffle order.
- Tap **Add to playlist** to add the song to a preferred playlist.
- Tap **Use as ringtone** to set this song as your ringtone.
- Tap **Delete** to delete this song.

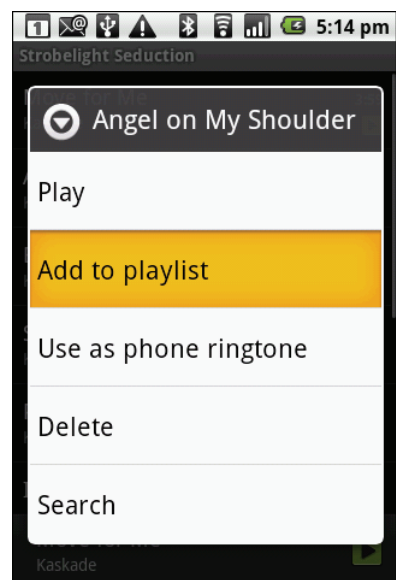


Creating a playlist

Add songs to a specific playlist or create a playlist.

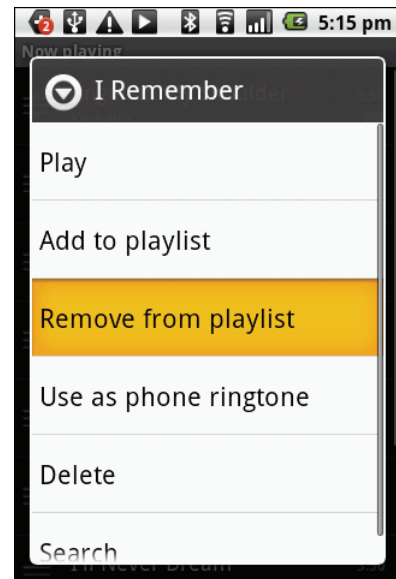
1. Tap **Application Drawer > Music**.
The Library screen is displayed.
2. Tap and hold the song you want to add.
3. Tap **Add to playlist**.
4. Select from the current playlist or tap **New** to create a new playlist.
The song is added to the playlist.

NOTE: If you create a new playlist, enter the playlist name now.



To remove a music file from a playlist

1. Tap **Application Drawer > Music**.
The Library screen is displayed.
2. Tap and hold the song you want to delete.
3. Tap **Remove from playlist**.
The song is removed from the playlist.





Chapter 9: Using GPS

This device supports a GPS tracker to record your position, your speed and track distance. You can also save the data as personal sports records.

9.1 Using GPS tracker

Turning on GPS


1. Tap **Application drawer** > **GPS Tracker**.
The device automatically starts connecting to GPS.
2. When GPS is connected, tap  to set POI.
3. Tap  to start tracking.
4. You can view your tracking distance, speed, trackers and the number of POIs on screen.
5. Tap **Menu** > **Mode** to set your mode: **Walk**, **Bicycle** or **Car**.

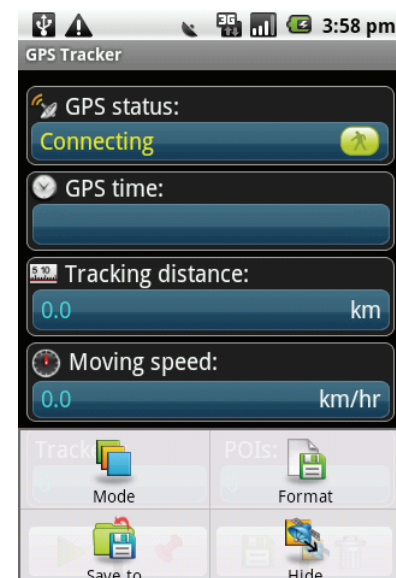


Hiding the GPS window

To use other applications and keep the GPS tracking on at the same time, complete the following:

1. In the GPS tracker, tap **Menu**.
2. Tap **Hide** to hide the tracking application in the background.
3. Tap **OK** to confirm.

NOTE: If you tap , the GPS Tracker will stop tracking.



Managing tracking data

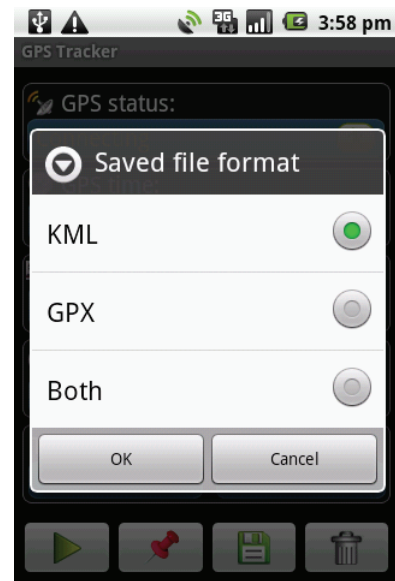
You can save the tracking data for your personal record.

Set GPS file format

1. Tap **Application drawer** > **GPS tracker**.
2. Tap **Menu** > **Format**.
3. Tap to choose the file format. You can save the GPS tracking record in the following file formats: **KML**, **GPX** or **Both**.
4. Tap **OK** to confirm.

Save GPS file














1. Tap **Application drawer** > **GPS tracker**.
2. Tap **Menu** > **Save to**.
3. Enter default path to save the file on your memory card.
4. Tap **OK** to confirm.



Chapter 10: Programmes

This device comes with the following pre-installed programmes.

Programmes	Description
 Browser	Browses the web and downloads files from the Internet. See page 37.
 Calculator	Performs basic arithmetic functions, such as addition, subtraction, multiplication and division. See page 53.
 Calendar	Creates and tracks schedules or appointments. See page 53.
 Camcorder	Records video clips.
 Camera	Captures still images and records videos. See page 44.
 Clock	Sets up alarm clock, global time, timer and stop watch.
 Contacts	Stores names, numbers, email and other information. See page 14.
 Documents To Go	Uses Document To Go applications such as Word To Go, Sheet To Go, Slideshow To Go and PDF To Go Lite.
 Email	Sends and receives email messages. See page 22.
 Facebook	Logs in and uses Facebook applications on your device.
 File Browser	Manages audio, video and picture files.
 Gallery	Views and edits photos and videos. See page 44.
 Google Mail	Google's web-based email service.
 GPS Tracker	Records and tracks your training information such as training time, tracking distance, moving speed and tracks.
 Maps	Google's mapping service to search for places of interest.
 Market	Find applications and fun games which you can download and install on this device here.

Programmes	Description
 Messaging	Sends and receives all types of messages, such as text messages, MMS and voice messages. See page 22.
 Music	Plays and manages the music and audio files on your phone.
 MySpace	Logs in and uses MySpace applications on your device.
 Note pad	Creates notes for drafts.
 Phone	Makes and receives phone calls. See page 17.
 Rss Reader	Gets live updates of your favorite news or websites.
 Settings	Configures the device settings, wireless settings and call settings of this device.
 SIM Toolkit	Connects directly to and uses services provided by your mobile service provider.
 Talk	Google's instant messaging programme.
 Videos	Plays back the video clips.
 Voice Dialer	Read and record predefined texts to be recognised and used by this device for voice dialling, finding a contact and others.
 Voice Note	Record voice notes.
 YouTube	Online video streaming service that allows you to view, search and upload videos.

10.1 Browser

Open the Browser to view web pages. See “Browsing a web page” on page 37.

10.2 Calculator

With Calculator, you can perform basic arithmetic functions on this device.

Tap **Application drawer > Calculator**.

10.3 Calendar

The Calendar lets you schedule and sound alarms for appointments, meetings and other events. Scheduled appointments for the day can be displayed on the Home screen.

To schedule an event

1. Tap **Application drawer > Calendar**.
2. Tap **Menu > New event**.
3. Enter event details.
4. Select the dates for the **From** and **To** fields.

NOTE: For an all-day event, tick **All Day**.

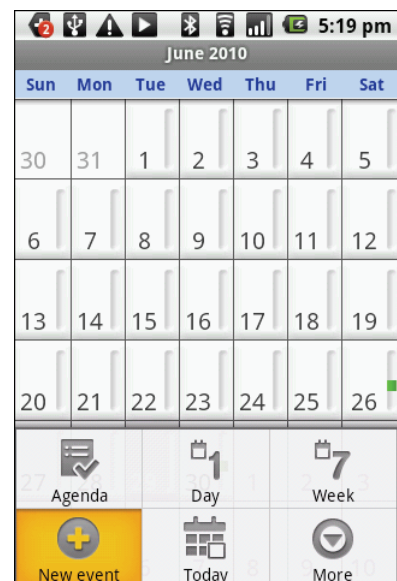
5. To set repetition, select the repetition from the list.
6. To set a reminder, select the reminder time from the list.
7. When finished, tap **Done** to return to the calendar.

TIP: From the Calendar screen, tap a day or a time slot then tap **Menu > New event** to set a new appointment on the tapped date or time.

To view your agenda

1. On the Calendar screen, tap **Menu > Agenda**.
2. The screen displays all events of the current week.
3. Tap an event to view the details.
4. Tap Menu to **Add Reminder / Edit Event / Delete Event**.

TIP: From the Calendar screen, tap a day or a time slot then tap **Menu > New Task** to set a new appointment on the tapped date or time.



10.4 Camcorder

Record video clips with this device. See “Photos and videos” on page 40.

10.5 Camera

Capture images with this device. See “Photos and videos” on page 40.

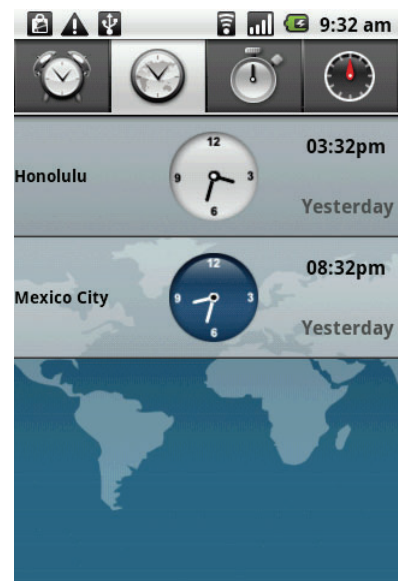
10.6 Clock

The clock function contains alarm clock, global time, timer and stop watch. For alarm clock settings, see page 67.

Viewing world clock

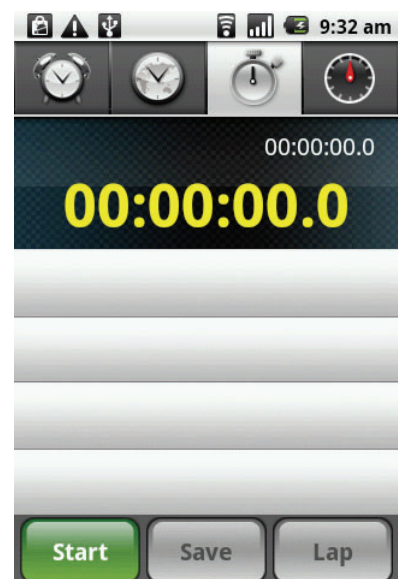
Use world clock time to view the current time in different locations.

1. Tap **Application drawer** > **Clock**.
2. Tap the **World clock** tab, the current time of selected cities is displayed.
3. Tap **Menu** > **Search** to select from the world major cities list.
4. The current time of the selected cities is shown on the atlas screen.



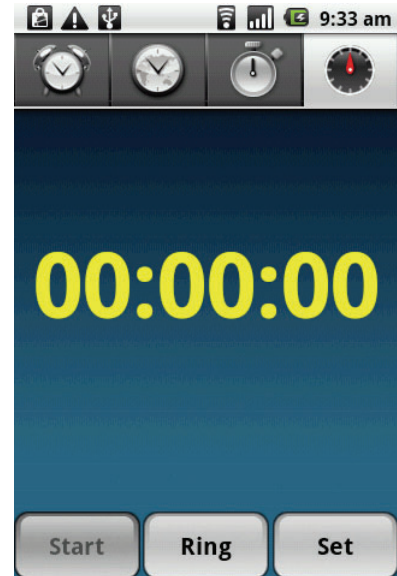
Using Stopwatch

1. Tap **Application drawer** > **Clock**.
2. Tap the **Stopwatch** tab.
 - Tap **Start** to start and time elapsed will appear on screen.
 - Tap **Lap** to record the time for finishing one lap.
 - Tap **Restart** to continue counting.
 - Tap **Reset** to reset the stop watch.
 - Tap **Save** to save the counting results.



Using countdown timer

1. Tap **Application drawer** > **Clock**.
2. Tap the countdown timer tab.
 - Tap **Set** to set the countdown time.
 - Tap **Start** to start and time elapsed will appear on screen.
 - Tap **Ring** to set a ringtone when the time is up.



10.7 Contacts

View or manage your contact list. See “Contacts” on page 14.

10.8 Documents To Go

Documents To Go allows you to open Microsoft® Office and Adobe file formats.

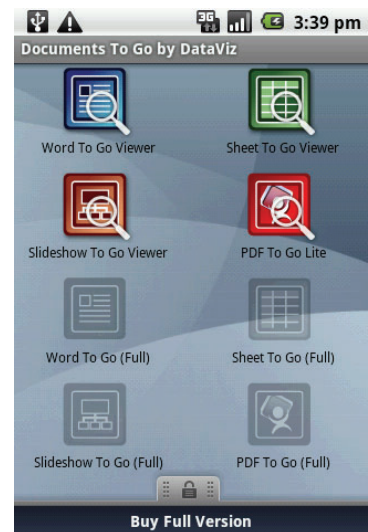
Word To Go® Viewer

Word To Go® Viewer allows you to view Microsoft® Word documents (.doc and .docx). It supports embedded pictures, font color, bold, italics, underline, bulleted and numbered lists and more.

To open **Word To Go Viewer**

1. Tap **Application drawer** > **Documents To Go** > **Word To Go Viewer**.
2. Tap **Open File**.
3. Tap the file you want to open.
 - Swipe your finger on the screen to pan or go through other pages.
4. To close the file, tap **Return**.

NOTE: To create a new document or edit an existing document, purchase the full version of **Documents To Go**.



Sheet To Go® Viewer

Sheet To Go® Viewer allows you to view Microsoft® Excel spreadsheets (.xls and .xlsx). It supports cell and number formatting, row and column alignment, formulas and fast finger-friendly panning.

To open **Sheet To Go Viewer**

1. Tap **Application drawer** > **Documents To Go** > **Sheet To Go Viewer**.
2. Tap **Open File**.
3. Tap the file you want to open.
 - Swipe your finger on screen to pan through the sheet.
 - To view other worksheets on file, tap **Menu** > **View** > **Worksheets**, then tap the worksheet name that you want to view.
4. To close the file, tap **Return**.

NOTE: To create a new spreadsheet or edit an existing spreadsheet, purchase the full version of **Documents To Go**.

Slideshow To Go® Viewer

Slideshow To Go® Viewer allows you to view Microsoft® PowerPoint presentations (.ppt and .pptx). It supports slide view, outline view, speaker notes, images, charts, font formatting and effortless slide “flick” navigation.

To open **Slideshow To Go Viewer**

1. Tap **Application drawer** > **Documents To Go** > **Slideshow To Go Viewer**.
2. Tap **Open File**.
3. Tap the file you want to open.
4. To close the file, tap **Return**.

NOTE: To create a new presentation or edit an existing presentation, purchase the full version of **Documents To Go**.

PDF To Go® Lite


PDF To Go® Lite allows you to view Adobe® PDF files (.pdf). It supports page view, word wrap, multiple zoom levels, auto-rotate, embedded images and more.

To open **PDF To Go Lite**

1. Tap **Application drawer** > **Documents To Go** > **PDF To Go Lite**.
2. Tap **Open File**.
3. Tap the file you want to open.
 - Tap the screen to bring up the zoom controls.
 - Swipe your finger up or down to view the next or previous page.
4. To close the file, tap **Return**.

Purchase Documents To Go

To get the full version of Documents To Go:

1. Tap the lock tab .
2. Tap **Buy**. Browser is launched and you will be redirected to www.dataviz.com.
3. Follow the on-screen instructions to complete your purchase.

10.9 Email

Use Email to connect to your remote mailbox to retrieve your new email messages, or view your previously retrieved email messages offline. See “Using email” on page 31.

10.10 Facebook

Facebook lets you connect to your Facebook account with a single tap. You can log in to your Facebook account and get connected with your friends any time.

10.11 File browser

File browser lets you browse the contents of this device.

1. Tap **Application drawer** > **File Browser**.
2. Tap the folder list and tap the folder you want to explore.

Managing files and folders

- To open an item, tap it.
- To move, copy, delete, rename or set the picture as Contact icon or Wallpaper, tap and hold the item then tap the option.
- To sort items, tap **Menu** > **Sort**, then select an option.
- To search for a file, tap **Menu** > **More** > **Search**.

10.12 Gallery

You can view your captured images, recorded video clips and downloaded images in the Gallery.

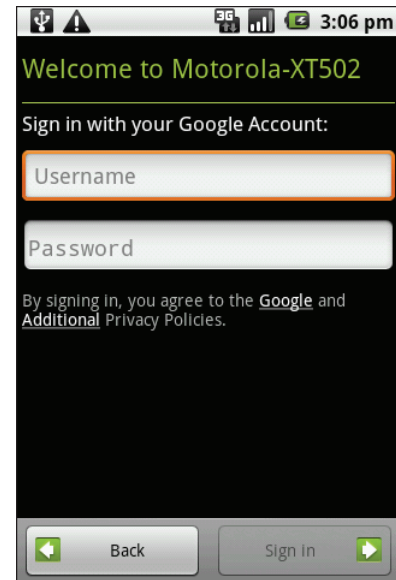
1. Tap **Application drawer** > **Gallery**.
2. The Camera folder and SD card folder are displayed.
3. Tap to view the camera pictures or camera videos. The images or videos are displayed as thumbnails.
4. To view photos or videos, see “Viewing photos & videos” on page 44.



10.13 Google Mail

Google Mail is Google's web-based email service. Google Mail is configured when you first set up this device. Depending on your synchronization settings, Google Mail is automatically synchronised on your phone with your Google Mail account on the web.

1. Tap **Application Drawer** > **Google Mail**.
2. Tap **Create** or **Sign in** to your Google account.
3. Follow the on-screen instructions to login or create your Google Mail username and password.
4. Once logged in, you can begin reading and sending emails from your Google Mail account.



10.14 GPS Tracker

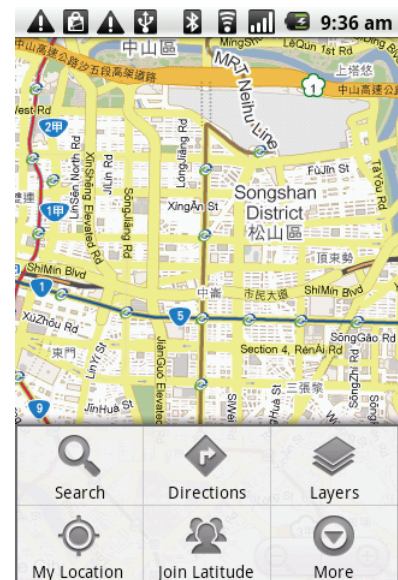
Use GPS Tracker to record the time and speed of your training. See "Using GPS tracker" on page 49.

10.15 Maps

Maps is Google's mapping service to search for places of interest.

To open Maps

1. Tap **Application drawer** > **Maps**.
2. Do any of the following:
 - To search for a place of interest: Tap **Menu** > **Search** then type in a keyword to begin searching.
 - To get direction: Tap **Menu** > **Directions**.
 - To select a Map mode: Tap **Menu** > **Layers** then tap **Traffic**, **Satellite** or **Latitude**.
 - To go back to my location: Tap **Menu** > **My Location**.
 - Tap **Join Latitude** and tap **Allow and share** to share your location with friends.
 - To clear the map: Tap **Menu** > **More** > **Clear Map**.
 - To view terms, privacy and notices: Tap **Menu** > **More** > **Terms, Privacy & Notices**.
 - To view information about Google Maps: Tap **Menu** > **More** > **About**.



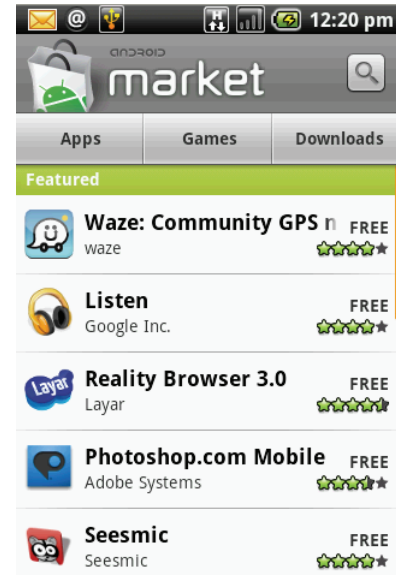
10.16 Market

Android Market allows you to find and download applications and fun games to this device.

To start using Android Market

1. Tap **Application drawer** > **Market**.
2. Tap **Accept** after reading the terms of service.
3. Tap **Next** to setup your Google account.
4. Tap **Create** to create a new account or **Sign in** to sign in your existing account.
5. Once you are signed in, you can begin searching and downloading programmes from the market. Tap **Apps** to view the list of applications available and tap **Games** to view the list of games available. You can also tap **Downloads** to view the programmes that you have previously downloaded.

NOTE: **Android Market** may not be supported in some countries.



10.17 Messaging

Use Messaging to send or receive text and MMS messages. See “Text messages” on page 22.

10.18 Music

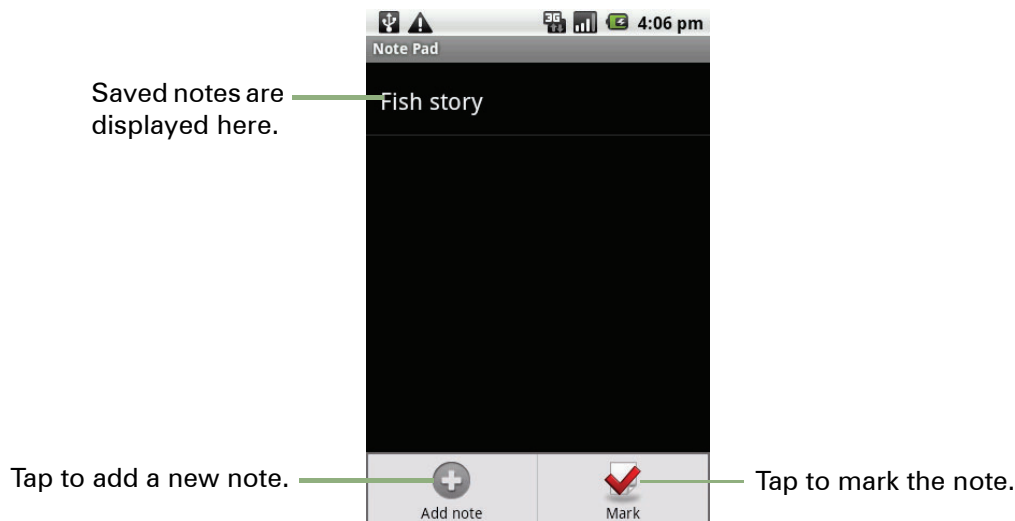
Use the Music player to play music files or recorded voice files. See “Using the music player” on page 46.

10.19 MySpace

MySpace lets you connect to your MySpace account with a single tap. You can log in to your MySpace account and connect with your friends any time.

10.20 Note Pad

Use the note pad to write down notes as you would on a note pad.



To create a note

1. Tap **Application drawer** > **Note Pad**.
2. Tap **Menu** > **Add note**.
3. Enter your notes using the on-screen keyboard.
4. Tap **Menu** > **Edit title** to add a title to the note.
5. When you are done, tap ↶ to return to the Note pad screen. The note is automatically saved.

10.21 Phone

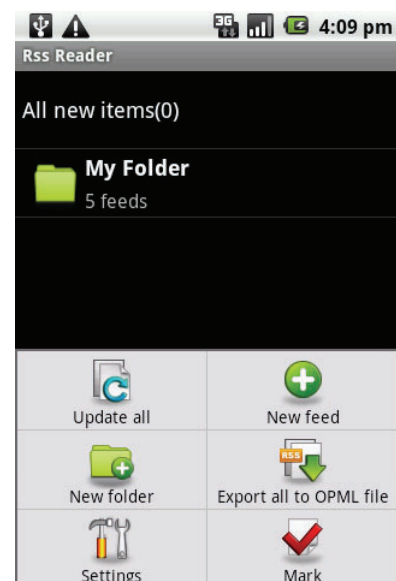
Use Phone to make phone calls or manage your contact list. See “Voice calls” on page 17.

10.22 RSS reader

Use the RSS reader to get live updates from your favorite web sites.

Add a new RSS feed

1. Tap **Application Drawer** > **Rss Reader**.
2. Tap **Menu** > **New feed**.
3. Tap an import option:
 - **Import from OPML file:** Select a file from the SD card.
 - **Import OPML from the Internet:** Enter the URL to import OPML from.
 - **Manual Add:** Manually enter a URL.
4. Tap **OK** to confirm.



Update RSS feed

1. Tap **Application Drawer** > **Rss Reader**.
2. Tap **Menu** > **Update all** to update the RSS feeds.
New feeds are displayed in the RSS feed inbox.

10.23 Settings

In the Settings menu, you can view and make adjustments for wireless control, call settings, general phone settings and security settings. See “Phone settings” on page 63.

10.24 SIM Toolkit

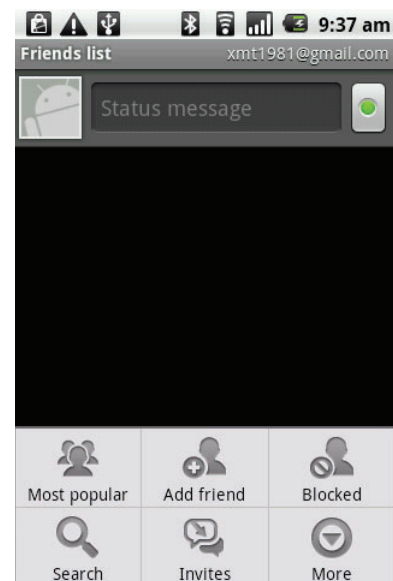
Connects directly to and uses services provided by your mobile service provider.

10.25 Talk

Google Talk is Google's instant messaging programme.

To sign in to Google Talk

1. Tap **Application drawer** > **Talk**.
2. Tap **Create** or **Sign in** to your Google account.
3. Follow the on-screen instructions to login or create your Google Mail username and password.
4. Once logged in, you can begin using Google Talk and do any of the following:
 - View friends list: Tap **Menu** > **All friends**
 - Add friends to friends list: Tap **Menu** > **Add friend**.
 - To switch to different chats: Tap **Menu** > **Switch chats**.
 - To block a person: Tap **Menu** > **Blocked**.
 - To invite a person to your chat: Tap **Menu** > **Invites**.
 - To configure Google Talk settings: Tap **Menu** > **More** > **Settings**.
 - To sign out: Tap **Menu** > **More** > **Sign out**.
 - To view terms and privacy: Tap **Menu** > **More** > **Terms & Privacy**.



10.26 Videos

You can playback the video clips captured with this device. See “Photos and videos” on page 40.



10.27 Voice dialer

Read and record predefined texts to be recognised and used by this device for voice dialling, finding a contact and others.

Tap **Applications drawer** > **Voice Dialer**.

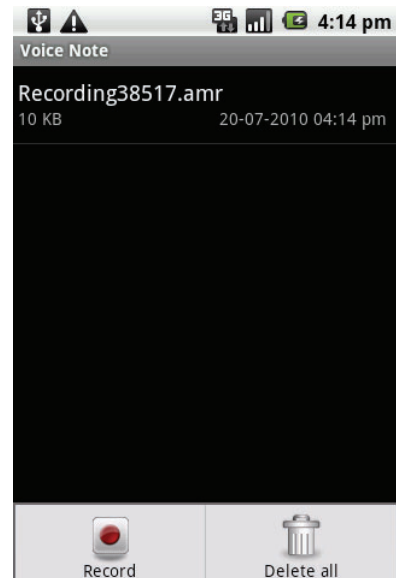
10.28 Voice note

To record a voice note

1. Tap **Menu** > **Voice Note**.
2. Tap **Menu** > **Record**.
The recording screen is displayed.
3. Tap  to record your voice. To stop recording, tap .
4. Tap **Save** to save the file.

To play a voice note

1. Tap **Menu** > **Voice Note**.
A list of voice notes is displayed.
2. Tap the voice note you want to listen to.
3. The voice note is played with the Music player.

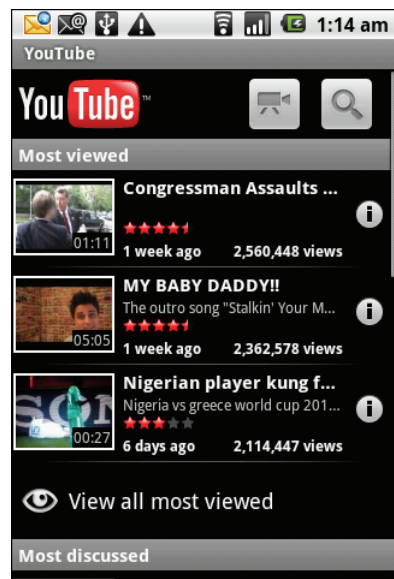


10.29 YouTube

YouTube is an online video streaming service that allows you to view, search and upload videos.

To start using YouTube

1. Tap **Application drawer** > **YouTube**.
2. Videos are grouped into categories, such as Featured, Most popular, Most viewed, Top rated and more. Tap a category to see the available videos for that category.
3. Tap a video to play it.



Chapter 11: Managing your phone

11.1 Phone settings

Tap **Application drawer** > **Settings** to view and adjust the settings of this device. The Settings menu is categorised into: **Wireless & networks**, **Call settings**, **Sound & display**, **Location & security**, **Applications**, **Accounts & sync**, **Privacy**, **SD card**, **USB Mass Storage & phone storage**, **Search**, **Language & keyboard**, **Accessibility**, **text-to-speech**, **Date & time** and **About phone**.

Wireless & networks

Application	Description
Airplane mode	Disable all wireless connections.
Wi-Fi settings	Set up and manage wireless access points.
Bluetooth settings	Manage connections, set device name and discoverability of the device.
VPN settings	Set up & manage Virtual Private Networks (VPNs).
Mobile networks	Set options for roaming, networks and Access Point Names.

Call settings

Application	Description
Fixed Dialling Numbers	Managed fixed dialling numbers.
Voicemail	Set voice mail number.
Other call settings	Call forwarding, call barring, caller ID and call waiting.

Sound & display

Application	Description
Silent mode	Turn silent mode on/off. All sounds except media & alarms are silenced.
Ringer volume	Adjust ringer volume for incoming calls and notifications.
Media volume	Set volume for music and videos.
Phone ringtone	Set your default incoming call ringtone.
Phone vibrate	Device vibrates for incoming calls.
Notification ringtone	Set your default notification ringtone.

Application	Description
Audible touch tones	Enable/disable sound when using dial pad.
Audible selection	Enable/disable sound when making screen selection.
Haptic feedback	Play sound when pressing soft keys and on certain UI interactions.
SD card notifications	Enable memory card notification sounds.
Orientation	Switch orientation automatically when rotating the device.
Animation	Show animation when opening & closing windows.
Brightness	Adjust the brightness of the screen.
Screen timeout	Adjust the delay before the screen automatically goes off.
Screen turn on	Set the keys to turn the screen on.
G-Sensor Calibration	Set the g-sensor calibration for the device.
E-Compass Calibration	Set the e-compass calibration for the device.

Location & security

Application	Description
Use wireless networks	Set location in applications (such as maps) using wireless networks.
Use GPS satellites	Check to enable GPS satellites.
Use assisted GPS	Use server to assist GPS.
AGPS Settings	Adjust AGPS settings. This option is only available if Enable GPS satellites is activated.
GPS Ephemeris Auto Download	Enable/Disable Ephemeris update download from server.
Set unlock pattern	Tap to set the unlock pattern.
Set up SIM card lock	Tap to set up the SIM card lock or change the SIM pin.
Passwords	Tick the box to display the password as you type.
Credential storage	Use secure credentials from the SD card, set or change password for credential storage, or clear credential storage.

Applications

Application	Description
Unknown sources	Allow install of non-market applications.
Manage applications	Manage and remove installed applications.

Application	Description
Running services	View and control services that are currently running.
Development	Set options for application development.

Accounts & sync

Application	Description
Background data	Tick to enable sync, send and receive data for all applications.
Auto-sync	Tick to sync data with applications automatically.
Manage accounts	Tap an account to configure synchronization settings for Calendar, Contacts and Google Mail or tap to add a Google Mail account.

Privacy

Application	Description
Use My Location	Check to use My Location for Google search results and other Google services
Factory data reset	Delete all data on the device.

SD card, USB mass storage & phone storage

Application	Description
Unmount SD card	Unmount the memory card for safe removal.
Internal phone storage	Shows available phone storage.

Search

Application	Description
Google search settings	Manage search settings and history.
Searchable item	Choose what to search on the device.
Clear search shortcuts	Clear shortcuts to recently chosen search results.

Language & keyboard

Application	Description
Locale	Select language and region for this device.
TouchPal	Set on-screen keyboard settings.

Text-to-speech

Application	Description
Install voice data	Install the voice data required for speech synthesis.

Date & time

Application	Description
Automatic	Check to use network provided values.
Set date	Tap to set the date for this device.
Set time zone	Set time zone of your current location.
Set time	Tap to set the time for this device.
Use 24-hour format	Set the clock to 24-hour format.
Select date format	Set the preferred date format.

About phone

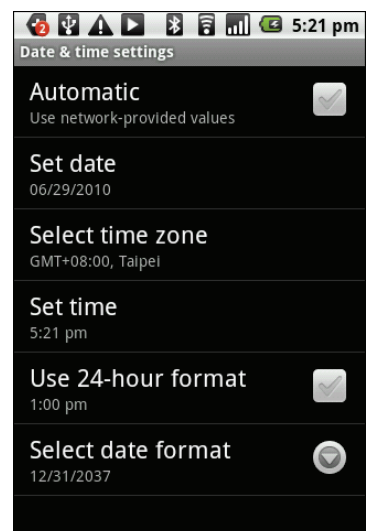
View legal information, device status and software version.

11.2 Changing basic settings

Date and time

To set the date and time

1. Tap **Application drawer** > **Settings** > **Date & time**.
2. Set the date.
3. Select the time zone from the list.
4. To adjust the time, tap the hour, minute, second or AM/PM field, and tap + or - to increase or decrease the value.
5. To adjust the date, tap the month, day, or year field and tap + or - to increase or decrease the value.
6. Tap **Set** to apply the values.



Setting alarms

You can set up three alarms on this device.

To set the alarm

1. Tap **Application drawer** > **Clock**.
2. Under the Alarm clock tab, tap to select from the existing alarm clock settings or tap **Menu** > **Add alarm** to set up a new alarm.
3. Tap **Time** open a clock and set the time for the alarm. To enter the time numerically, tap the hour, minute or AM/PM field, and tap + or - to increase or decrease the value.
4. Tap **Ringtone** to set up the preferred ringtone when your alarm sounds.
5. Tap **Vibrate** to enable/disable vibration when the alarm sounds.
6. Tap **Repeat** to select a day to sound the alarm. Tap **OK** to confirm.
7. Tap **Label** and enter an alarm description.
8. To turn on the alarm, tick **Turn on alarm**.



TIP: To sound an alarm even when this device is set to silent mode, tap **Menu** > **Settings** and tick **Alarm in silent mode**.

Display settings

The display settings of this device affect the battery and external power level.

To turn off backlight when the phone is idle

1. Tap **Application Drawer > Settings > Sound & display** to enter the submenu.
2. In **Display settings** submenu, tap **Screen timeout**.
3. Select from the screen timeout list. Your setting is automatically saved.

To adjust brightness

1. Tap **Application Drawer > Settings > Sound & display** to enter the submenu.
2. In **Display settings** submenu, tap **Brightness** slider.
3. Drag the **Brightness** slider to adjust brightness settings.

To change the screen orientation

1. Tap **Application Drawer > Settings > Sound & display** to enter the submenu.
2. In **Display settings** submenu, tap **Orientation**.
3. Tick the box to switch the screen orientation automatically when rotating the device.

Ring settings

You can assign a ringtone and a ringtone type for various events such as an incoming call or new message received, for example.

To change the ringtone and ringtone type of an incoming call

1. Tap **Application Drawer > Settings > Sound & display**.
2. In **Sound settings** submenu, tap **Phone ringtone**.
3. Select the desired ringtone from the lists.
4. Tap **OK** when finished.

To change the ringtone of other events

1. Tap **Application Drawer > Settings > Sound & Display**.
2. On **Sound settings** submenu, tap **Notification ringtone**.
3. Select the desired ringtone from the lists.
4. Tap **OK** when finished.

11.3 Using wireless & networks

Wireless & networks allows you to manage Wi-Fi, Bluetooth, flight mode and mobile networks.

1. Tap **Application Drawer > Settings > Wireless controls**.
2. To turn on or off **Wi-Fi**, **Bluetooth** or **Airplane mode**, simply tap their corresponding bars.
3. To change connection settings, tap the corresponding function settings, then select the setting to be changed.

11.4 Protecting your phone

You can protect this device from unauthorised users by requiring the PIN code or entering a password.

Enable or disable SIM card PIN

When PIN code is enabled, you are required to enter the PIN code before making a call.

1. Tap **Application Drawer > Settings > Location & security**.
2. In the **SIM card lock** submenu, tap **Set up SIM card lock**.
3. Tap **Lock SIM card** to use PIN to use the device. Tick to enable, untick to disable.
4. Enter the current PIN code.
5. To change the PIN code, tap **Change PIN**.
6. Enter the old PIN code.
7. Enter the new PIN code and confirm.

Enabling screen lock protection

When Screen lock is enabled, you are required to draw the pattern to unlock the screen.

1. Tap **Application Drawer > Settings > Location & Security**.
2. In the **Screen unlock pattern** submenu, tap **Set unlock pattern**.
3. Follow the on-screen instructions to draw your own personal unlock pattern and tap **Continue**.
4. Redraw your unlock pattern again and tap **Confirm**.

11.5 Resetting the phone

You can reset your phone to its factory defaults.

1. Tap **Application Drawer > Settings > Privacy**.
2. In the **Personal data** submenu, tap **Factory data reset**.
3. Tap **Reset phone** to erase all data on your phone.

Chapter 12: Using the PC Tools application

The PC Tools application is a software application that enables you to change USB modes when your device is connected to a computer. Available modes are as follows:

- **USB mass storage:** Allows the computer to recognise your device as a USB mass storage device.
- **Phone as modem:** Allows you to use your device as a modem.
- **Synchronization Tool:** Allows you to sync your device with a computer.

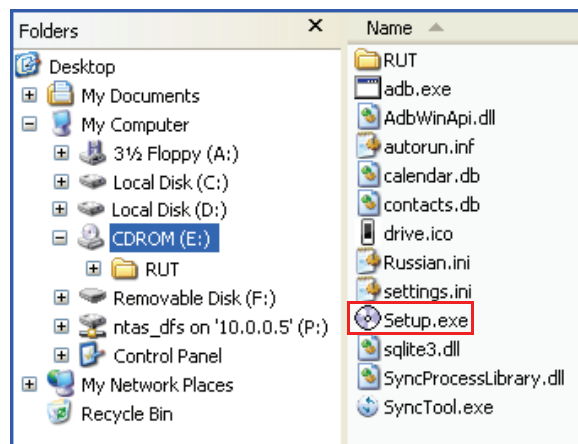


NOTE: The pre-loaded user manual in the microSD card can only be viewed through the storage function.

12.1 Using the PC Tools application

Installing the driver

1. Turn on your device and connect it to your computer using the USB cable.
2. From the Windows desktop, double-click **My Computer** and locate the **CD drive**.
3. Browse and double-click **Setup.exe**.

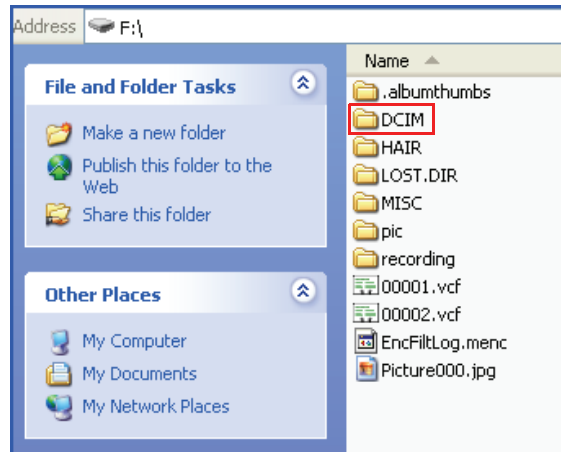


4. Follow the on-screen instructions to complete the driver installation.

Using your phone as a storage device

To browse and transfer video and still images to a computer, complete the following:

1. In the PC Tools application, select **USB mass storage**.
2. The **Removable Disk** window appears on the screen.



3. Locate the **DCIM** folder and double-click the **DCIM** folder to open it and find more folders.

Your recorded images and video clips will be inside these folders.

4. Copy and paste the image and video files to a folder on your computer.

Using your phone as a modem

This feature allows you to use your device as a modem to access the Internet.

1. Make sure that the Wi-Fi function on your device is set to **disable** mode.
 - Tap **Application Drawer** > **Settings** > **Wireless controls**. Turn off **Wi-Fi** mode (uncheck **Wi-Fi**).

2. In the PC Tools application, select **Phone as modem**.

3. Select **APN**.

You can edit the correct APN of your operator. Contact your network provider for more information.

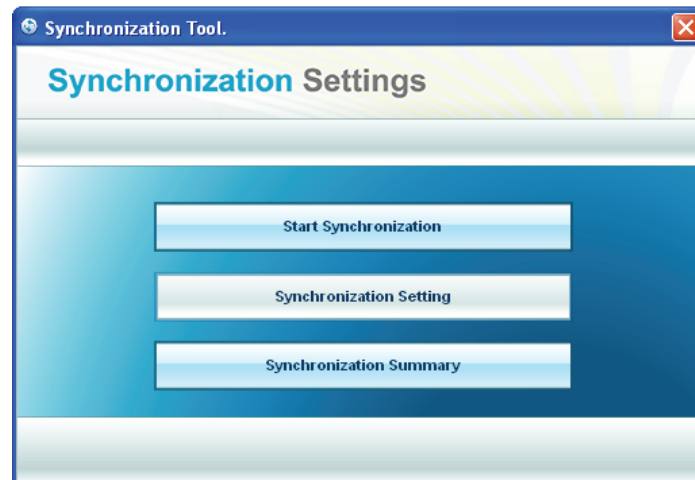


4. Wait until **Connecting to 3G_Modem** process is completed.
A "3G_Modem is now connected" message appears on the screen.
5. From the Windows desktop, double-click **Internet Explorer** or launch a web browser.

Using your phone to sync with a computer

This feature allows you to sync your device with a computer.

In the PC Tools application, select **Synchronization Tool**.



- **Start Synchronization:** allows you to initiate synchronization.
- **Synchronization Setting:** allows you to set the synchronization settings. Follow the on-screen instructions to complete the settings.
- **Synchronization Summary:** displays the summary of the synchronization process.

Safety, regulatory & legal

Battery use & safety

Important: handle and store batteries properly to avoid injury or damage.

Most battery issues arise from improper handling of batteries, and particularly from the continued use of damaged batteries.

DON'Ts

- Don't disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery.
- **Don't let the phone or battery come in contact with water.** Water can get into the phone's circuits, leading to corrosion. If the phone and/or battery get wet, have them checked by your service provider or contact Motorola, even if they appear to be working properly.*
- **Don't allow the battery to touch metal objects.** If metal objects, such as jewelry, stay in prolonged contact with the battery contact points, the battery could become very hot.
- **Don't place your battery near a heat source.** Excessive heat can damage the phone or the battery. High temperatures can cause the battery to swell, leak, or malfunction. Therefore:
- Do **not** dry a wet or damp battery with an appliance or heat source, such as a hair dryer or microwave oven.
- Avoid leaving your phone in your car in high temperatures.*

DOs

- **Do avoid dropping the battery or phone.** Dropping these items, especially on a hard surface, can potentially cause damage.*
- Do contact your service provider or Motorola if your phone or battery has been damaged from dropping or high temperatures.

* **Note:** if the product guide expressly states that your **phone** is designed to resist damage from exposure to certain rugged conditions, such as water immersion, rain, dust, high and low temperatures, shock, or other conditions, do **not** exceed the stated limits, and ensure the stated precautions are taken. Always make sure that the battery compartment is closed and secure to avoid direct exposure of the battery to any of these conditions.

Important: use Motorola original products for quality assurance and safeguards.

To aid consumers in identifying authentic Motorola batteries from non-original or counterfeit batteries (that may not have adequate safety protection), Motorola provides holograms on its batteries. Consumers should confirm that any battery they purchase has a "Motorola Original" hologram.

Motorola recommends you always use Motorola-branded batteries and chargers. Motorola mobile devices are designed to work with Motorola batteries. If you see a message on your display such as **Invalid battery** or **Unable to charge**, take the following steps:

- Remove the battery and inspect it to confirm that it has a “Motorola Original” hologram;
- If there is no hologram, the battery is not a Motorola battery;
- If there is a hologram, replace the battery and retry charging it;
- If the message remains, contact a Motorola authorized service centre.

Important: Motorola’s warranty does not cover damage to the phone caused by non-Motorola batteries and/or chargers.

Warning: use of a non-Motorola battery or charger may present a risk of fire, explosion, leakage, or other hazard.

Proper and safe battery disposal and recycling: proper battery disposal is not only important for safety, it benefits the environment. Consumers may recycle their used batteries in many retail or service provider locations. Additional information on proper disposal and recycling may be found on the Web:

- www.motorola.com/recycling
- www.rbrc.org/call2recycle/ (in English only)

Disposal: promptly dispose of used batteries in accordance with local regulations. Contact your local recycling center or national recycling organizations for more information on how to dispose of batteries.



Warning: never dispose of batteries in a fire because they may explode.

Battery charging

Notes for charging your phone’s battery:

- When charging your battery, keep it near room temperature. Never expose batteries to temperatures below 0°C (32°F) or above 45°C (113°F) when charging.
- New batteries are not fully charged.
- New batteries or batteries stored for a long time may take more time to charge.
- Motorola batteries and charging systems have circuitry that protects the battery from damage from overcharging.

Specific Absorption Rate (ICNIRP)

Your model wireless phone meets international guidelines for exposure to radio waves.

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

The guidelines use a unit of measurement known as the Specific Absorption Rate (SAR). The ICNIRP SAR limit for mobile devices used by the general public is 2 watts per kilogram (W/kg) and the highest SAR value for this mobile device when tested at the ear is 1.16 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this guide. In this case, the highest tested SAR value is 0.592 W/kg. The tests are carried out in accordance with international guidelines for testing. The SAR information includes the Motorola testing protocol, assessment procedure and measurement uncertainty range for this product.

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

While there may be differences between the SAR levels of various mobile devices and at various positions, they meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

The World Health Organisation has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure, then you can do so by limiting the length of calls or using a hands-free device to keep the mobile device away from the head and body.

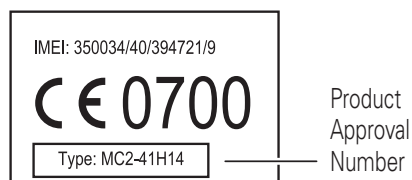
Additional information can be found on the Web sites of the World Health Organisation (<http://www.who.int/emf>) and Motorola, Inc. (<http://www.motorola.com/rfhealth>).

European Union Directives Conformance Statement



Hereby, Motorola declares that this product is in compliance with:

- The essential requirements and other relevant provisions of Directive 1999/5/EC
- All other relevant EU Directives



The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (to R&TTE Directive) at www.motorola.com/rtte. To find your DoC, enter the Product Approval Number from your product's label in the "Search" bar on the Web site.

Software copyright notice

Motorola products may include copyrighted Motorola and third-party software stored in semiconductor memories or other media. Laws in the United States and other countries preserve for Motorola and third-party software providers certain exclusive rights for copyrighted software, such as the exclusive rights to distribute or reproduce the copyrighted software. Accordingly, any copyrighted software contained in Motorola products may not be modified, reverse-engineered, distributed, or reproduced in any manner to the extent allowed by law. Furthermore, the purchase of Motorola products shall not be deemed to grant either directly or by implication, estoppel or otherwise, any licence under the copyrights, patents or patent applications of Motorola or any third-party software provider, except for the normal, non-exclusive, royalty-free licence to use that arises by operation of law in the sale of a product.

Content copyright

The unauthorised copying of copyrighted materials is contrary to the provisions of the Copyright Laws of the United States and other countries. This device is intended solely for copying non-copyrighted materials, materials in which you own the copyright, or materials which you are authorised or legally permitted to copy. If you are uncertain about your right to copy any material, please contact your legal advisor.

Open source software information

For instructions on how to obtain a copy of any source code being made publicly available by Motorola related to software used in this Motorola mobile device, you may send your request in writing to the address below. Please make sure that the request includes the model number and the software version number.

MOTOROLA, INC.
OSS Management
600 North US Hwy 45
Libertyville, IL 60048
USA

The Motorola website opensource.motorola.com also contains information regarding Motorola's use of open source.

Motorola has created the opensource.motorola.com website to serve as a portal for interaction with the software community-at-large.

To view additional information regarding licenses, acknowledgments and required copyright notices for open source packages used in this Motorola mobile device, please tap **Menu > Settings > About Phone > Legal Information > Open source licences**. In addition, this Motorola device may include self-contained applications that present supplemental notices for open source packages used in those applications.

GPS & AGPS

Your mobile device can use *Global Positioning System* (GPS) signals for location-based applications. GPS uses satellites controlled by the U.S. government that are subject to changes implemented in accordance with the Department of Defense policy and the Federal Radio Navigation Plan. These changes may affect the performance of location technology on your mobile device.

Your mobile device can also use *Assisted Global Positioning System* (AGPS), which obtains information from the cellular network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola and other third parties providing services.

Emergency calls

When you make an emergency call, the cellular network may activate the AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the phone for as long as the emergency responder instructs you.

Performance tips

- Go outside and away from underground locations, covered vehicles, structures with metal or concrete roofs, tall buildings and foliage. Indoor performance might improve if you move closer to windows, but some window sun shielding films can block satellite signals.
- Move away from radios, entertainment equipment and other electronic devices.

Navigation

Motorola strives to provide complete and accurate mapping information, directions, and other navigational data, using a combination of governmental and private location information sources. These sources may contain inaccurate or incomplete data. In some countries, complete information may not be available. Therefore, you should visually confirm that the navigational instructions are consistent with what you see. All drivers should pay attention to road conditions, closures, traffic and all other factors that may impact driving. Always obey posted road signs.

Safety & general information

This section contains important information on the safe and efficient operation of your mobile device. Read this information before using your mobile device.

Exposure to Radio Frequency (RF) energy

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

Your mobile device is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational precautions

For optimal mobile device performance, and to be sure that human exposure to RF energy does not exceed the guidelines set forth in the relevant standards, always follow these instructions and precautions.

Product operation

When placing or receiving a phone call, hold your mobile device just like you would a landline phone.

If you wear the mobile device on your body, always place the mobile device in a Motorola-supplied or approved clip, holder, holster, case or body harness. If you do not use a body-worn accessory supplied or approved by Motorola, keep the mobile device and its antenna at least 2.5 centimeters (1 inch) from your body when transmitting.

Using accessories not supplied or approved by Motorola may cause your mobile device to exceed RF energy exposure guidelines. For a list of Motorola-supplied or approved accessories, visit our Web site at: www.motorola.com.

RF energy interference/compatibility

Nearly every electronic device is subject to RF energy interference from external sources if inadequately shielded, designed or otherwise configured for RF energy compatibility. In some circumstances, your mobile device may cause interference with other devices.

Follow instructions to avoid interference problems

Turn off your mobile device in any location where posted notices instruct you to do so.

In an aircraft, turn off your mobile device whenever instructed to do so by airline staff. If your mobile device offers an airplane mode or similar feature, consult airline staff about using it in flight.

Implantable medical devices

If you have an implantable medical device, such as a pacemaker or defibrillator, consult your physician before using this mobile device.

Persons with implantable medical devices should observe the following precautions:

- ALWAYS keep the mobile device more than 20 centimeters (8 inches) from the implantable medical device when the mobile device is turned ON.
- DO NOT carry the mobile device in the breast pocket.
- Use the ear opposite the implantable medical device to minimize the potential for interference.
- Turn OFF the mobile device immediately if you have any reason to suspect that interference is taking place.

Read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your mobile device with your implantable medical device, consult your healthcare provider.

Driving precautions

Using a mobile device while driving may cause distraction. End a call if you can't concentrate on driving. Input information about your destination and route prior to your drive. Do not input data or engage in text messaging while driving. Keep your eyes on the road while driving. Listen to the audible turn-by-turn directions, if available.

Also, using a mobile device or accessory may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Responsible driving practices can be found at www.motorola.com/callsmart (in English only).

Operational warnings

Obey all posted signs when using mobile devices in public areas.







Potentially explosive atmospheres

Areas with potentially explosive atmospheres are often, but not always, posted and can include fueling areas, such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain dust or metal powders.

When you are in such an area, turn off your mobile device, and do not remove, install, or charge batteries. In such areas, sparks can occur and cause an explosion or fire.

Symbol Key

Your battery, charger or mobile device may contain symbols, defined as follows:

Symbol	Definition
	Important safety information follows.
	Do not dispose of your battery or mobile device in a fire.
	Your battery or mobile device may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Do not throw your battery or mobile device with normal household waste.
	Do not let your battery, charger or mobile device get wet.
	Listening at full volume to music or voice through a headset may damage your hearing.

Batteries & Chargers

Caution: improper treatment or use of batteries may present a danger of fire, explosion, leakage or other hazard. For more information, see “Battery Use & Safety.”

Keep your mobile device & its accessories away from small children

These products are not toys and may be hazardous to small children. For example:

- A choking hazard may exist for small, detachable parts.
- Improper use could result in loud sounds, possibly causing hearing injury.
- Improperly handled batteries could overheat and cause a burn.

Glass parts

Some parts of your mobile device may be made of glass. This glass could break if the product is dropped on a hard surface or receives a substantial impact. If glass breaks, do not touch or attempt to remove. Stop using your mobile device until the glass is replaced by a qualified service center.

Seizures/blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when playing video games. These may occur even if a person has never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your physician before playing video games or enabling a flashing-lights feature (if available) on your mobile device.

Discontinue use and consult a physician if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements or disorientation. It is always a good idea to hold the screen away from your eyes, leave the lights on in the room, take a 15-minute break every hour, and stop use if you are tired.

Caution about high volume usage

Warning: exposure to loud noise from any source for extended periods of time may affect your hearing. The louder the volume sound level, the less time is required before your hearing could be affected. To protect your hearing:



- Limit the amount of time you use headsets or headphones at high volume.
- Avoid turning up the volume to block out noisy surroundings.
- Turn the volume down if you can't hear people speaking near you.

If you experience hearing discomfort, including the sensation of pressure or fullness in your ears, ringing in your ears or muffled speech, you should stop listening to the device through your headset or headphones and have your hearing checked.

For more information about hearing, see our Web site at direct.motorola.com/hellomoto/nss/AcousticSafety.asp (in English only).

Repetitive motion

When you repetitively perform actions such as pressing keys or entering finger-written characters, you may experience occasional discomfort in your hands, arms, shoulders, neck or other parts of your body. If you continue to have discomfort during or after such use, stop use and see a physician.

[Nov0109]

FCC notice to users

The following statement applies to all products that have received FCC approval. Applicable products bear the FCC logo, and/or an FCC ID in the format FCC-ID:xxxxxx on the product label.

Motorola has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment. See 47 CFR Sec. 15.21.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. See 47 CFR Sec. 15.19(3).

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.

- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use & care

To care for your Motorola mobile device, please observe the following:



liquids of any kind

Don't expose your mobile device to water, rain, extreme humidity, sweat or other moisture. If it does get wet, don't try to accelerate drying with the use of an oven or dryer, as this may damage the mobile device.



extreme heat or cold

Avoid temperatures below 0°C/32°F or above 45°C/113°F.



microwaves

Don't try to dry your mobile device in a microwave oven.



dust and dirt

Don't expose your mobile device to dust, dirt, sand, food or other inappropriate materials.



cleaning solutions

To clean your mobile device, use only a dry soft cloth. Don't use alcohol or other cleaning solutions.



shock and vibration

Don't drop your mobile device.

Information from the World Health Organisation

Present scientific information does not indicate the need for any special precautions for the use of mobile phones. If you are concerned, you may want to limit your own or your children's RF exposure by limiting the length of calls or by using handsfree devices to keep mobile phones away from your head and body.

Source: WHO Fact Sheet 193

Further information: <http://www.who.int/peh-emf>

Product registration

Online product registration:

www.motorola.com/us/productregistration

Product registration is an important step toward enjoying your new Motorola product. Registering permits us to contact you for product or software updates and allows you to subscribe to updates on new products or special promotions. Registration is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Caring for the environment by recycling

This symbol on a Motorola product means the product should not be disposed of with household waste.



Disposal of your mobile device & accessories

Please do not dispose of mobile devices or electrical accessories (such as chargers, headsets, or batteries) with your household waste. Do not dispose of your battery or mobile device in a fire. These items should be disposed of in accordance with the national collection and recycling schemes operated by your local or regional authority.



Alternatively, you may return unwanted mobile devices and electrical accessories to any Motorola approved service centre in your region. Details of Motorola approved national recycling schemes, and further information on Motorola recycling activities can be found at: www.motorola.com/recycling.

Disposal of your mobile device packaging & product guide

Product packaging and product guides should only be disposed of in accordance with national collection and recycling requirements. Please contact your regional authorities for more details.

Privacy & data security

Motorola understands that privacy and data security are important to everyone. Because some features of your mobile device may affect your privacy or data security, please follow these recommendations to enhance protection of your information:

- **Monitor access**—Keep your mobile device with you and do not leave it where others may have unmonitored access. Lock your device's keypad where this feature is available.
- **Keep software up to date**—If Motorola or a software/application vendor releases a patch or software fix for your mobile device that updates the device's security, install it as soon as possible.
- **Secure personal information**—Your mobile device can store personal information in various locations including your SIM card, memory card, and phone memory. Be sure to remove or clear all personal information before you recycle, return, or give away your device. You can also backup your personal data to transfer to a new device.

Note: For information on how to backup or wipe data from your mobile device, go to www.motorola.com/support

- **Online accounts**—Some mobile devices provide a Motorola online account (such as MOTOBLUR). Go to your account for information on how to manage the account, and how to use security features such as remote wipe and device location (where available).
- **Location-based information**—Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile phones which are connected to a wireless network transmit location-based information. Devices enabled with GPS or AGPS technology also transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. This location-based information may be shared with third parties, including your wireless service provider, applications providers, Motorola, and other third parties providing services.
- **Other information your device may transmit**—Your device may also transmit testing and other diagnostic (including location-based) information, and other non-personal information to Motorola or other third-party servers. This information is used to help improve products and services offered by Motorola.

If you have further questions regarding how the use of your mobile device may impact your privacy or data security, please contact Motorola at privacy@motorola.com, or contact your service provider.

Smart practices while driving

Drive safe, Call smart

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas—for example, handsfree use only. Go to www.motorola.com/callsmart (in English only) for more information.

Your mobile device lets you communicate by voice and data—almost anywhere, anytime, wherever wireless service is available and safe conditions allow. When driving a car, driving is your first responsibility. If you choose to use your mobile device while driving, remember the following tips:


- **Get to know your Motorola mobile device and its features such as speed dial and redial.** If available, these features help you to place your call without taking your attention off the road.
- **When available, use a handsfree device.** If possible, add an additional layer of convenience to your mobile device with one of the many Motorola Original handsfree accessories available today.
- **Position your mobile device within easy reach.** Be able to access your mobile device without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voicemail answer it for you.
- **Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- **Do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.



- **Dial sensibly and assess the traffic; if possible, place calls when your car is not moving or before pulling into traffic.** If you must make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- **Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations that can divert your attention away from the road.
- **Use your mobile device to call for help.** Dial 911 or other local emergency number in the case of fire, traffic accident, or medical emergencies (wherever wireless phone service is available).
- **Use your mobile device to help others in emergencies.** If you see an auto accident, crime in progress, or other serious emergency where lives are in danger, call 911 or other local emergency number (wherever wireless phone service is available), as you would want others to do for you.
- **Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number (wherever wireless phone service is available).

www.motorola.com

Certain mobile phone features are dependent on the capabilities and settings of your service provider's network. Additionally, certain features may not be activated by your service provider, and/or the provider's network settings may limit the feature's functionality. Always contact your service provider about feature availability and functionality. All features, functionality, and other product specifications, as well as the information contained in this guide, are based upon the latest available information and believed to be accurate at the time of printing. Motorola reserves the right to change or modify any information or specifications without notice or obligation.

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Caution: changes or modifications made in the radio phone, not expressly approved by Motorola, will void the user's authority to operate the equipment.

Bluetooth ID: B016163

Specifications

Radio band & standard

GSM bands	850 / 900 / 1800 / 1900
UMTS bands	850 / 1900 / 2100 or 900 / 1900 / 2100
GPRS	GPRS Class 12
EGPRS/EDGE	Multi-Slot Class 12
UMTS	DL / UL, HSDPA 7.2 Mbps

Connectivity

GPS	GPS / AGPS
Wi-Fi	802.11 b/g
Bluetooth	2.1 + EDR
USB	USB 2.0 High-Speed client

Power

Battery	Rechargeable Li-Ion 1270 mAh
AC Adapter	AC input voltage: 100-240 Vac, 50/60 Hz AC input current: 0.3 Aac max. DC output voltage: 5 Vdc (typical) DC output current: 1 A (typical)

Temperature

Operating	-15°C to 55°C
Non-operating / Storage	-20°C to 70°C
Charging	0°C to 40°C

Humidity

Operating	10% to 90% non-condensing
Non-operating / Storage	5% to 95% non-condensing

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