

User Manual

Wave 3G

Brand Name: doppio

Model Name: DP5007

FCC ID: N2GDP50073G

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Let's go

Let's get you up and running

Assemble & charge

Note: Your device is always on when being charged.

Set up & go

The first time you turn on your phone, a setup wizard guides you through signing in to your existing Google™ account. If you don't have a Google account, you can create one using the wizard.

Open the back cover and insert the SIM card. The microSD card may already be inserted. Put the battery in and then replace the back cover.

Tip: Remember to write down your user name and password, and keep them in a safe place.

Turning the phone on & off

To turn on your phone, press and hold the **Power** button.

To turn off your phone, press and hold **Power** then touch **Power off** on the screen.

Wi-Fi connect

If you want to use a Wi-Fi computer network for even faster Internet access, touch **Menu** > **Settings** > **Wireless & networks** > **Wi-Fi settings**.

Cool content & more

Browse and download thousands of the coolest Apps on the planet from Android Market™.

Your phone comes with a microSD memory card installed—you can load it up with photos, videos, and music from your computer using “USB drag & drop” on page 67.

Touchscreen & keys

A few essentials

Touch tips


Here are some tips on how to navigate around your phone.

Touch

To choose an icon or option, touch it.

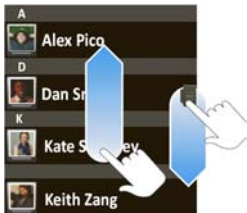


Touch & hold

To open special options, touch and hold an icon or other item. Try it: In the home screen, touch  **Contacts**, then touch and hold a contact to open options.

Drag

To scroll through a list or move slowly, *drag* across the touchscreen. Try it: In the home screen, touch **Contacts**, and then drag your **Contacts** list up or down.



Tip: When you drag or flick a list, a *scroll bar* appears on the right. Drag the scroll bar to move the list to a

letter between A and Z.

Flick

To scroll through a list or move quickly, *flick* across the touchscreen (drag quickly and release).

Tip: When you flick a long list, touch the screen to stop it from scrolling.

Zoom

Get a closer look at maps or web pages. To zoom in, *double touch* the screen. To zoom out, *double touch*, the screen again.

You can also zoom in or out by pinching your fingers together or moving them apart on the screen.

Touch to Zoom









Key tips

Menu, home, & back

Power key


- In power off mode, press this key to turn on your phone.
- In power on mode and screen-off mode, press this key to turn on the screen.
- In power on and screen-on mode, press this key to turn the screen off.

Touch **Home**   to close any menu or App and return to the home screen. From the home screen, touch and hold **Home**   to show the last few Apps you used, then touch an App to open the selected App.


Touch **Menu**  to open menu options, or touch **Back**  to go back.

Sleep & wake up

To save your battery, prevent accidental touches, or when you want to wipe smudges off your touchscreen, put the touchscreen to sleep by pressing **Power**. To wake up the touchscreen, press **Power** again, or open the phone.

To change how long your phone waits before the screen goes to sleep automatically, touch **Menu**  >

Settings > Sound & display > Screen timeout.

Tip: To make the screen lock when the phone goes into sleep mode, use “Screen lock” on page 71. To unlock the screen, press **Power** or open the phone, then drag  to the right.

Power key menu

Press and hold **Power** to open the power key menu, where you can turn off the phone (**Power off**), or turn **Airplane mode** or **Silent mode** on or off.

Adjust volume

Press the volume keys to change the ring volume (from the home screen), or the earpiece volume (during a call).

Rotate the screen

When you rotate the phone 90 degrees anticlockwise, the touchscreen can rotate to stay right-side up:

Find it: Menu  > **Settings > Sound & display > Orientation**

Home screen

Quick access to the things you need most

Quick start: Home screen

The *home screen* gives you all your latest information in one place. It's what you see when you turn on the phone or touch Home from a menu. It will appear basically like this:



Note: Your home screen might look a little different.


The home screen extends beyond what you see on the screen to give you more room for adding shortcuts, widgets, and more. Flick the home screen left and right to see more panels or to add widgets or shortcuts.



Widgets

Add a *widget*, such as a clock, music player, or a calendar that shows upcoming appointments.

To open a widget, touch it. To add widgets, touch

Menu  > **Add** > **Widgets**. If your home screen is full, you won't see the add option. You'll have to delete widgets or shortcuts to make room.

Note: If you install Apps from Android Market that have widgets, touch and hold the home screen, then select a widget to add to the home screen.

Shortcuts


To add shortcuts to the home screen, open the App menu (see below), then touch and hold the shortcut you wish to add. It will be added to the home screen.

Alternatively, access **Menu**  > **Add** > **Shortcuts**.

Apps

Your phone comes with a few Apps already installed, and you can download and install more. To open an App, touch it.





App menu

All the Apps on your phone, including the Apps that came with your phone and the ones you download and install, are listed in alphabetical order in your *App (application) menu*. To open the App menu, touch  and drag up.

Running multiple Apps



There is no need to close an App before opening another one.

Your phone can run multiple Apps, all at once.

You can open a new App by touching **Home** /  to return to the home screen, then opening the App menu and touching the App you want. To switch from one running App to another, touch and hold **Home** / 

to see what Apps are already open, then touch the one you want. You can view up to the last six Apps that you ran.

Search

To search, touch Search  on the front of the phone, or touch Search  on the QWERTY keypad.




















For a text search, touch the text box & type using the touch keypad or the QWERTY keypad. Then, touch the icon for a text search.

Search by voice.

Phone status & notifications

The status bar at the top of the screen contains icons that tell you about messages and phone status. To view your notifications, touch the status bar and drag it down. Icons on the right tell you about phone status:



	Bluetooth™ active		network (full signal)
	GPS active		network (roaming)
	Wi-Fi active		downloading
	volume		voicemail message
	vibrate		3G (fastest data)
	silent		flight mode
	mute call		battery (charging)
	battery (full charge)		speakerphone active
	alarm set		

Tip: To see today's date, touch and hold the status bar at the top of the screen.

Calls

It's good to talk

Quick start: Calls

Dialling options

Find it:  **Phone**



Contacts

Touch to open, then touch an entry to call.

Recent Calls

Touch to open, then touch an entry to call.

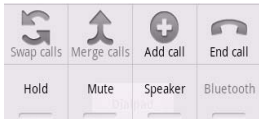
Call

Enter a phone number & touch here to call it.

In-call options

During a call:







- To use a Bluetooth™ device, touch **Bluetooth**. (The device must be turned on and previously



- paired — see “Connect new devices” on page 63.)
- To mute a call, touch **Mute**.
- To use the speakerphone, touch **Speaker**.

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal.

Always obey the laws and drive safely.

Tip: You can touch **Home** or /  **Back**  to leave the active call display. To reopen it, touch **Home** /  >  **Phone** > **Return to call in progress**.


Make & answer calls

To make a call, touch  **Phone**, enter a number, then touch .

Tip: If the screen is locked, drag  to the right.

To answer a call, drag  to the right.

To end a call, touch **End**.

To ignore a call, drag  to the left.


Enter numbers during a call

To enter numbers during a call, touch **Dialpad**.



Recent calls

Find it:  **Phone > Call log**

- To call a number, touch it.
- To send a text message, create a contact, view a contact, or other options, touch and hold an entry.
- To clear the list, touch **Menu**  **> Clear call log**

Frequent calls


Find it:  **Phone > Favourites**

- To call a number, touch it.
- To send a text message, view a contact, or other options, touch and hold an entry.

Conference calls

To start a conference call, call the first number. After the call is answered, touch **Add call** and call the next number.

When the next number answers, touch **Merge call**.


Tip: Before merging, you can switch back and forth between the two calls by touching .

Your phone number


Find it: Menu  > **Settings** > **About phone** > **Status** > **My phone number**

Emergency calls

Note: Your service provider programs one or more emergency phone numbers (such as 911 or 112) that you can call under any circumstances, even if your phone is locked. Emergency numbers vary by country. Your pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental or interference issues.

1 Touch  **Phone** (if your phone is locked, touch **Emergency Call**).

2 Enter the emergency number.

3 Touch  to call the emergency number.

Note: Your mobile device can use AGPS satellite signals to help emergency services find you.

Web

You don't need a PC, surf the web with your phone

Quick start: Browser

Find it:  **Browser**




Note: If you can't connect, contact your service provider.

Connect

Your phone uses the mobile phone network (over the air) to connect to the Web automatically.

Note: Your service provider may charge to surf the Web or download data.

To use a wireless network, touch **Menu**  > **Settings** > **Wireless & networks**. Touch **Wi-Fi** to turn it on and touch **Wi-Fi settings** to search for nearby wireless networks. Touch a network to connect.

Web touch tips

Zoom & magnify

In Web pages, when you scroll (drag or flick), zoom icons appear at the bottom of your screen.



Zoom In/Out


Select links

When you touch a link, your phone outlines it and goes to that page.

If you touch and hold the link, your phone shows options, like **Open in new window** or **Bookmark link**.



Browser options

Touch **Menu**  to see browser options:

Options	
Open	Open a new browser window.
Bookmarks	See your bookmarks.
Windows	View the browser windows that are currently open.
Refresh	Reloads the current page.
Back/Forward	Navigate to previously viewed pages.
More	Shows additional browser options.

Google Maps™

Where you are, where you're going

Note: This feature is not available in all areas. Check with your service provider.

Quick start: Google Maps

Where am I? Where do I want to go? Don't worry - let Google Maps™ find out for you.


Find it:  **Maps**



Map View

Drag or flick to scroll.


Touch to show zoom.

Touch  to show options.

Google Maps™ opens by default in “Map mode”. To learn more about the different map modes, go to “Select map mode” on page 24.



Set your location sources

Set your phone to determine your location using GPS satellite signals (highly accurate, but uses battery power) or using the mobile network (less accurate, but conserves battery power).

To set your location, touch **Menu**  > **Settings** > **Location & security** > **Use GPS satellites** and/or **Use wireless networks**.


Find your location

Note: Don't forget to set your location sources.

From the main Map screen, touch **Menu**  > **My Location**. Your location is shown on the map as  . The bigger the circle, the less accurate the location.

Find any location

1 Touch **Menu**  > **Search**.


2 Enter text in the search box, i.e. an address, business, or city, then touch .


Tip: If it's an address you have visited before, select from the list shown.

3 Touch the search box to view all the results, then touch the one you want.


Get directions

1 Touch **Menu**  **Directions**.


2 Enter a starting point address or touch  and select **My current location**, **Contacts**, or **Points on map**.


3 Enter an end point address or touch  and select **Contacts** or **Points on map**.

4 Select your mode of transport (car, public transport or walk), then touch **Go**. Your directions are shown as a list. To view your directions on a map, touch **Show on map**.

5 When you have finished, touch **Menu**  **> More > Clear map**.

Select map mode

Touch **Menu**  **> Layers** to select from **Traffic**, **Satellite**, **Latitude** or recent searches, viewed positions or directions.

Touch **Menu**  **> Layers > More layers** to select from **My Maps**, **Wikipedia**, or **Transit Lines**.

Touch **Clear Map** to clear your selections.

Map view

Shows a map, complete with names of streets, rivers, lakes, mountains and borders. This is the default view.

Satellite view

Shows map on top of aerial photo.

Traffic view

If available in your area, real-time traffic conditions are shown on the roads as color-coded lines.

Latitude

Where are your friends & family?

Note: This feature is not available in all areas. Check with your service provider.

Join Latitude

See where your friends and family are on Google Maps™. Plan to meet up, check that your parents got home safely, or just stay in touch.

Don't worry. Your location is not shared unless you agree to it. You need to join Latitude, and then invite your friends to view your location or accept their invitations. When using Google Maps, touch **Menu** > **Join Latitude**. Read the privacy policy and if you agree with it, touch **Agree & share**.

Add & remove friends

Find it:  **Maps** > **Menu**  > **Latitude**

To add friends:


1 Touch **Menu**  > **Add friends**.

2 Touch **Select from Contacts** or **Add via email address**, then touch a contact > **Add friends**.

If your friends already use Latitude, they'll receive an email request and a notification. If they have not yet joined Latitude, they'll receive an email request that invites them to sign in to Latitude with their Google

account.

To remove friends:

1 Touch **Menu**  > **Latitude** to show your friend's list, then touch a friend in your list.

2 Touch **Remove**.

Share location

When you receive a request to share location details you can choose to:

- **Accept and share back** - see your friend's location, and your friend can see yours.
- **Accept, but hide my location** - see your friend's location, but they can't see yours.
- **Don't accept** - location information is not shared between you and your friend.

Hide your location

Touch **Menu**  > **Latitude** to show your friend's list.

Touch your contact name, then touch **Menu** 

> **Privacy** > **Hide your location**.

Turn off Latitude

Touch **Menu**  > **Latitude** to show your friend's list.

Touch **Menu**  > **Privacy** > **Turn off Latitude**.

Your account

Log in or create account

Find it: Menu  > **My account**

- 1 To create your YouTube account, touch “Don’t have a YouTube account? Click **here** to create one” link. If you already have a YouTube account, enter your user name and password, and touch **Sign in**.
- 2 For a new account, enter a user name, complete the fields, then touch **I accept**.

Upload videos

Find it: Menu  > **Upload**

- 1 Select the video you want to upload. You can change video title, description, set the access, and add tags.
- 2 Choose Upload.

Manage your life

Stay on top of things.

What can you manage?




Email, contacts, and calendar on your phone give you access to the same personal information that you add, view, and edit on your computer with the use of Microsoft™ Outlook™.

You can:


- View Google™, Facebook, and Exchange contacts in one list.
- Schedule and respond to meeting requests.

Gmail


Create a new email


Find it:  >  **Gmail** >  **Menu** > **Compose**

Enter the recipient email address and message, then touch **Send**.

Tip: Touch **Menu**  for options, like **Attach** or **Add Cc/Bcc**.

Tips

- To **search** in Gmail for messages, touch **Menu**  > **Search**.

- To **set new email notifications**, such as having a special sound play when you receive a message, touch **Menu**  > **Settings** > **Email notifications**, then select the ringtone and vibrate options.
- To label an email thread, touch and hold a message, then touch **Change labels**.

Email




Set up an account

Find it:  >  **Email**


The email setup wizard will guide you through setting up your email account.

Tip: It is possible to get your Microsoft Outlook mail on your mobile phone.

Create a new email

Find it:  >  **Email** >  **Menu** > **Compose**

Enter the recipient email address and write a message, then touch **Send**.

Tip: Touch **Menu**  for options, like **Attach** or **Add Cc/Bcc**.

Calendar

Find it:  >


Calendar

You can manage your personal life on the Google calendar and your business affairs on the Corporate calendar. View a calendar in different ways: Touch **Menu**  > **Agenda, Day, or Week**. When you highlight an event in the day and week views, more details appear.



December 2010						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1
2	3	4	5	6	7	8

Add calendar events

From any calendar view, touch **Menu**  > **New event**. Enter event details and touch **Done**.

Manage calendar events

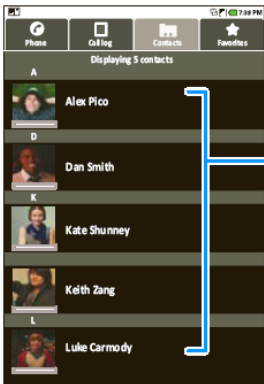
To edit an event, touch and hold the event, then touch **Edit event**. Edit event details, then when you're done, touch **Done**.

Contacts

Contacts like you've never had before

Quick start: Contacts

Find it:  **Contacts**





Contacts List

Touch to view contact information.

Touch & hold to edit, delete, & more.

Menu Options

Touch **Menu**  to edit sync groups or to add/import new contacts.

Tip: To search the list, just open your phone and type a name, or simply touch **Search**  and type using the touchscreen keypad. When you flick or drag this list, a scroll bar appears on the right. Drag the scroll bar to move the list faster.

Sync with Facebook friends

When you first log onto Facebook from your phone, you will be prompted to sync your phone's contacts with your Facebook friends' profiles, including profile pictures. You can sync with only people in your phone's contacts, with your entire Facebook list, or you can choose not to sync.


Call, text, or email contacts

Find it:  **Contacts**

For **View contact**, **Call contact**, **Text contact**, **Add to favourites**, or other options, touch and hold the contact.

Edit or delete contacts

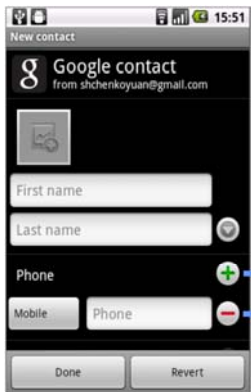
Find it:  **Contacts**

Touch the contact, then touch **Menu**  > **Edit contact** or **Delete contact**.

Create contacts

Find it:  **Contacts** > **Menu**  > **New contact**

Select the account to save the contact to, then type the contact name and details.



Touch + to add another entry.

Touch - to remove this entry.

To see more details, flick up.

When you're finished, touch **Done**.

Groups

Find it:  **Contacts** > **Menu**  > **Display options**

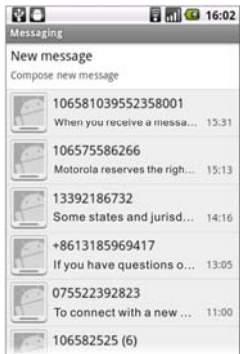
You can put your **Contacts** into groups that you create (like “friends”, “family”, or “work”). Then, you can find contacts faster by showing one group at a time.

Messaging

Sometimes it's best 2 text, or IM, or email . . .

Quick start: Messaging

Find it:  **Messaging**



Message List

Touch to open a message.

Touch & hold to move, delete, & more.

Tip: To see more messages, flick or drag up.


Read & reply to messages

- To open a message and all of its replies, touch it.
- To respond to a message, just open it and enter your response in the text box at the bottom.


- To open options, touch and hold a message.

Create messages

Find it:  **Messaging > New message**

Enter the recipient and message. In text messages and emails, touch **Menu**  for options, like **Insert smiley** or **Attach**.

Send & receive attachments

To send a file in a message, open a new message and touch **Menu**  **> Attach**.

When you receive a message with an attachment, open the message and touch the file name to download it. Then, touch the name again to open it. Some file formats can be converted to HTML for faster viewing. In such cases, your phone will show a button that says

Get HTML version.

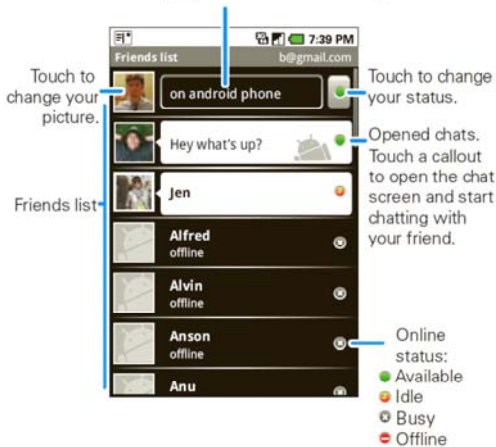
Tip: To send and receive large attachments faster, use Wi-Fi connection, in “Wi-Fi” on page [65](#).


Google Talk™

Google Talk instant messaging lets you chat with other Google Talk users on phones or on the web.

Find it: Talk

Touch to change your online status message.





Touch **Menu**  to see a list of your Google Talk friends, send invitations to add new friends, and much more.




Instant messages

To send and receive instant messages, you can use an instant messaging App (such as Google Talk™) or

your browser.


- To download and use an instant messaging App, touch  **Market** > **Apps** > **Communication**, then choose an App for your provider. Once you download the App, you'll see it on the App menu (see "Apps" on page 14).
- If you don't see an App for your IM provider, you can use your Web browser. Touch  **Browser**, then enter your provider's Web site and touch **Go**. Once you're there, follow the link to sign in.

Voicemail


When you have a new voicemail,  is shown at the top of your screen. To hear the voicemail, touch  **Phone** then touch and hold .

Text entry

Think keyboard, now think smaller

To change text entry settings, change languages, and see the dictionary of terms you've used, from the home screen, touch **Menu**  > **Settings** > **Language & keyboard**.


Touchscreen keypad

When your phone is closed, you can open the display keypad by touching a text field. To close the keypad, touch **Back** .

Text Entry


Touch to open the touchscreen keypad.



To change your settings for this keypad, from the home screen, touch **Menu**  > **Settings** > **Language & keyboard** > **keyboard**.

Text entry settings

When you use the touchscreen keypad, your phone suggests words from your dictionary and chosen language. Your phone also automatically enters apostrophes in some words, like “dont.”







Find it: Menu  > **Settings** > **Language & keyboard**

- To change the language and style of your touchscreen keypad, touch **Select locale**.
- To edit your dictionary, touch **User dictionary**.
- To change the sounds, correction, and other settings for your touchscreen keypad, touch **keyboard**.
- To change the automatic correction settings for your full keypad, touch **keyboard**.

Tips & tricks





A few handy hints

General tips

- To return to home screen, touch **Home** 
- To see recently dialled numbers, touch  **Phone**
> **Call log**.
- To sleep/wake your phone, press **Power**
- To set screen timeout, touch **Menu**  > **Settings**
> **Sound & display** > **Screen timeout**.
- To search, touch Search .
- To show recently used Apps, touch and hold **Home**
/ .
- To turn sound on/off, press and hold **Power**
> **Silent mode**.
- To turn airplane mode on/off, press and hold
Power > **Airplane mode**.

Battery tips

Want to extend your battery life? Try these:

- To turn off automatic applications sync, touch **Menu**  > **Settings** > **Accounts & sync**.
- To turn off Bluetooth power, touch **Menu**  > **Settings** > **Wireless & networks** > **Bluetooth**.
- To turn off Wi-Fi, touch **Menu**  > **Settings** > **Wireless & networks** > **Wi-Fi**.
- To add a **Power Control** widget, touch **Menu**  > **Add** > **Widgets** > **Power Control**.

Note: The **Power Control** widget is a simple way to enable/disable Wi-Fi, Bluetooth™ wireless, GPS, Sync (turns on/off all active accounts, Google, and Exchange), and display brightness.

Personalize

Add your personal touch

Widgets

To create a new widget:

1 Find an empty spot on your home screen where you want to add a widget, then touch and hold.

Tip: You can flick left or right to open other panels on your home screen.


2 Touch **Widgets**.

3 Touch the type of widget. If necessary, enter the widget settings.

You can personalize widgets with content that you choose.

Ringtones

To personalize your ringtones:

Find it: Menu  > **Settings** > **Sound & display** > **Phone ringtone** or **Notification ringtone**

To set your vibrate options:




Find it: Menu  > **Settings** > **Sound & display** > **Phone vibrate**

Wallpaper




To apply a new wallpaper:

- 1 Find an empty spot on your home screen, then touch and hold.
- 2 Touch **Wallpapers**.
- 3 Touch **Media gallery** to select a photo as your wallpaper, or touch **Wallpaper gallery** to choose a wallpaper that comes with your phone.

Sounds


- To set volume for media and videos, touch **Menu**  > **Settings** > **Sound & display** > **Media volume**.
- To play tones when using dial pad, touch **Menu**  > **Settings** > **Sound & display** > **Audible touch tones**.
- To play sound on a screen selection, touch **Menu**  > **Settings** > **Sound & display** > **Audible selection**.



Display settings

- To set display brightness, touch **Menu**  > **Settings** > **Sound & display** > **Brightness**.
- To set orientation, touch **Menu**  > **Settings** > **Sound & display** > **Orientation**.
- To set animation, touch **Menu**  > **Settings** > **Sound & display** > **Animation**.

Note: Some Apps are designed so that your phone can “animate” them by rotating, fading, moving, and stretching one or more images.

Quick launch shortcuts


To set keyboard shortcuts to launch your favourite App, touch **Menu**  > **Settings** > **Applications** > **Quick launch** > **Assign Application**.

To use a quick launch shortcut, touch **Search**  and the assigned key, for example, **Search**  and **B** to launch the browser.

You can also add shortcuts directly to the home screen for actions like **Direct dial** and **Direct message**. Just touch and hold an empty spot on the home screen, then touch **Shortcuts** and select a shortcut.

Language & region

Set your menu language and region:

Find it: **Menu**  > **Settings** > **Language & keyboard** > **Select locale**

Photos & videos

See it, capture it, share it!

Photos



Take & share photos

Take that family photo, and post it online for everyone to see.

Note: To get the clearest photos, wipe the lens clean with a soft, dry cloth before you take a photo.

Find it: Press **Camera key** .



Note: Photos are stored on your microSD memory card. **Picture Resolution** is 5MP, unless you change it. To take the photo, touch and hold , or press **Camera key** .

Note: When you turn on the camera you may hear a series of clicks as the autofocus motor initializes.

A thumbnail of the photo you've just taken is shown on the right. Touch the thumbnail to view it.

- To **set** the photo as a wallpaper or contact photo, touch **Menu**  > **Set as**.
- To **send** the photo in a message or post it online, touch **Menu**  > **Share**. For more info on sharing your photos, see “Share your photo gallery” on page [49](#).
- To **delete** the photo, touch **Menu**  > **Delete**.
- For more options, touch **Menu**  > **More**.

Photo options

In the viewfinder, touch **Menu**  > **Settings** to open the camera menu:

Options	
Store location	Save the latitude and longitude of where the photo was taken so the photo can be displayed on Google Maps or used in other Applications.
Scene mode	Select a setting for better image capture under different lighting environments: Auto , Action , Portraits , Landscape , Night , Beach , Snow , and Sunset .

Options


Flash mode	Choose from Automatic , On , and Off .
White balance	Compensate for colour differences in different lighting. Set to Auto or, for greater precision, set to Incandescent or Fluorescent for indoor lighting or to Daylight or Cloudy for outdoor lighting.
Colour effect	Apply different colour effects to images. Choose Sepia for an “antique” look, Mono for black and white, Negative to invert the image, Red Tint , Blue Tint , or Green Tint to apply tints to the image.
Picture size	Set the size of your photo. (You may need to reduce the image size for a picture message because some networks limit the size of files you can send.)
Picture quality	Choose from Fine , Super fine , and Normal . (Reduce picture quality for photos that you send in MMS/picture messages.)

Options

Flash mode Choose from **Auto** (for best overall image quality), **Infinity**, and **Macro** (for close-ups).



View your photos

Find it:  >

 **Gallery > Camera**


Play a slideshow

Touch  >

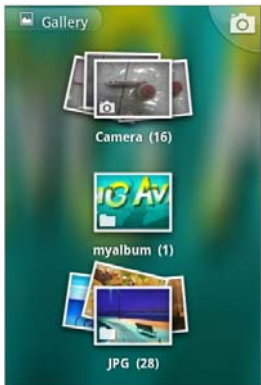
 **Gallery > Camera**, touch a photo, then touch **Slideshow** to start a slideshow. To stop the slideshow, touch the screen. To return to the gallery, touch **Back** .

Share your photo gallery

Find it:  >

 **Gallery > Camera**

To send your photo in a message or post it online:



- 1 Touch and hold a photo, then touch **Share**.
- 2 Choose how you want to share — like **Bluetooth**, **Email**, or **Messaging**.

Manage your photos



Find it:  >  **Gallery** > **Camera**

Touch and hold a photo, then:

- To delete the photo, touch **Delete**.
- To set the photo as a contact picture or wallpaper, touch **More** > **Set as**.

Tip: To copy photos to/from a computer, go to “USB drag & drop” on page [67](#).

Edit your photos

Touch  >  **Gallery** > **Camera**, touch & hold the photo, then select your edit option.


Videos

Record & share videos


Find it: Press **Camera** , then drag the switch up.


Note: To get the clearest videos, wipe the lens clean with a soft, dry cloth before you record a video.



Tip: To send your video in a message, set the video quality to **Low (for MMS messages)** by touching **Menu**  > **Settings** > **Video Quality**.

To record a video, touch . Touch  again to stop the video, or press **Camera key** .

A thumbnail of the video you've just taken is shown on the right. Touch the thumbnail, then touch **Menu** .

- To **send** the video in a message or post it online, touch **Share**. For more info on sharing your photos, see “Share your photo gallery” on page **49**.
- To **play** the video, touch .
- To **delete** the video, touch **Delete**.



Video options

In the viewfinder, touch **Menu**  > **Settings** to open the video menu:

Options

Video quality	Select Low if sending the video in an MMS message, High if storing the video on an SD card
Video Duration	Set the length of your video. Select 30 seconds if sending the video in an MMS/video message. Select 10 minutes or 30 minutes if storing the video on an SD card.
White balance	Compensate for colour differences in different lighting. Set to Auto or, for greater precision, set to Incandescent or Fluorescent for indoor lighting or to Daylight or Cloudy for outdoor lighting.
Colour effect	Apply different colour effects on videos. Choose Sepia for an “antique” look, Mono for black and white, Negative to invert the video image, Red Tint , Blue Tint , or Green Tint to apply tints to the video.

Play your videos

Find it:  >  **Gallery** > **Camera** > *select_video*



Progress Bar

Video Controls

Note: To see the controls while the video is playing, touch the display.

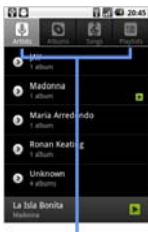
Music

When music is what you need...

Quick start: Music

Touch, touch, play — instant music. Just open your music library, then select what you want to play.

Find it:  >  **Music**



Categories



Music Controls

Touch a category, then touch a song or playlist.

Tip: When a song is playing, you can add it to a playlist by touching **Menu**  > **Add to playlist.**

Set up music


What music transfer tools do I need?

To put music on your computer and then load it on your phone, you need:

- A Microsoft™ Windows™ PC or Apple™ Macintosh™
- A USB data cable.

You need a memory card

Your music is stored on your memory card. Your phone supports removable microSD memory cards. Make sure your memory card is installed.

Tip: To see the available memory on your memory card, touch **Menu**  > **Settings** > **SD card & phone storage**.

What music file formats can I play?

Your phone can play many types of files: AMR-NB/WB, MP3, PCM/WAV, AAC, AAC+, eAAC+, MIDI, OGG, and WMA.

Note: Your phone does not support DRM (digital rights management) protected files.


What headphones can I use?

Your phone has a 3.5mm headset jack for wired stereo listening. You can go wireless with Bluetooth™ stereo headphones or speakers (see “Bluetooth™ wireless” on page 62).

Get music

Transfer music using USB

Transfer music files from a computer to your memory card.

1 With a memory card inserted, and your phone showing the home screen, connect a micro USB data cable from your phone’s micro USB port to a USB port on your computer. Your phone should show  in the status bar.

Note: You may need to remove the USB data cable from the charger power head.

Note: Make sure to connect the phone to a high power USB port. Typically, these are located directly on your computer.

Note: Your phone supports Microsoft™ Windows™ XP, Windows Vista™, and Apple™ Macintosh™. Other operating systems may not be compatible.

2 Your phone shows a USB connection dialog, at the top of the screen. Flick down, then touch **USB**

connection. You are not able to use the files on your memory card while it is connected.

3 Touch **Mount** (if asked) to connect your memory card.

4 On your computer, locate and click on the “Removable Disk” icon to access the phone’s memory card.

5 Drag and drop your music to a folder on the memory card.

Tip: To help manage your music, create a “Music” folder on your memory card.

6 When you’re done, select the “Safely Remove Hardware” feature on your computer. On your phone, drag down the notification panel (see “Phone status & notifications” on page **12**), touch **Turn off USB storage**, and select **Turn off**.

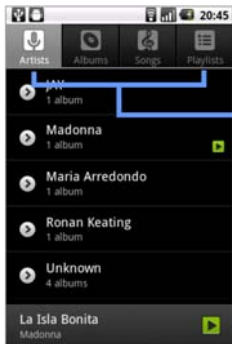
Tip: You can also use Windows Media Player to sync music from your PC to your phone. To download Windows Media Player, go to <http://www.microsoft.com/windowsmedia>.

Play music

Music library


Open your music library, then select what you want to play.

Find it:  >  Music



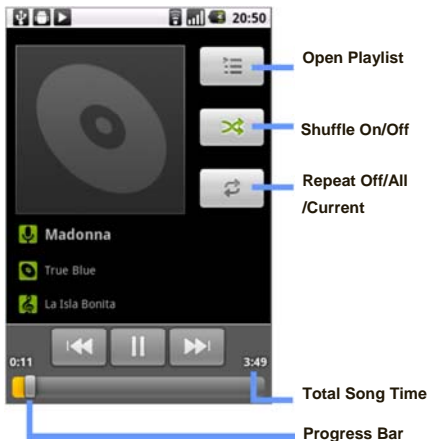
Categories

Touch to list songs or playlists.






Your music is stored by artists, albums, songs, and playlists. Touch a category, then touch the song or playlist you want to play. Touch **Menu**  > **Party shuffle** to randomly play all your songs.








Music player

Just touch a song or playlist to get going.






Music player controls


- **Play/pause** — Touch  /  .
- **Previous/next** — Touch  /  .
- **Fast forward/rewind** — Touch and hold  /  .
- **View playlist** — Touch  .

- **Shuffle** — Touch .
- **Repeat** — Touch .
- **Volume** — Press the side volume keys.
- **View library** — Touch **Menu**  > **Library**.
- **Turn shuffle on/off** — Touch **Menu**  > **Party shuffle**.
- **Add to playlist** — Touch **Menu**  > **Add to playlist**.
- **Use as ringtone** — Touch **Menu**  > **Use as ringtone**.
- **Delete** — Touch **Menu**  > **Delete**.

Hide, wake, turn off

Touch **Home**  /  to use another App. Your music will continue to play.


When you see  in the status bar, a song is playing, flick down to see details. Touch the song to return to the music controls.

To turn off your music touch .

Playlists

To add a song from the music library to a playlist, touch and hold the song then touch **Add to playlist**.

Choose an existing playlist, or touch **New** to create a new playlist.

To add a song to the playlist you're playing, touch **Menu**  **Add to playlist** in the music player.

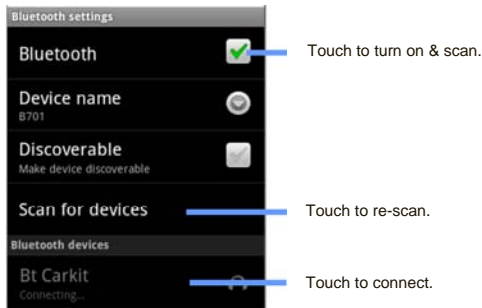
To edit, delete and rename playlists, touch and hold the playlist, in the music library.

Bluetooth™ wireless


Lose the wires and go wireless

Quick start: Bluetooth wireless

Find it: Menu  > **Settings** > **Wireless & networks** > **Bluetooth settings**



Turn Bluetooth power on or off

Find it: Touch Menu  > **Settings** > **Wireless & networks** > **Bluetooth**.

Note: To extend battery life, turn Bluetooth power off when not in use.


Connect new devices

Note: This feature requires an optional accessory.

To connect with a new device, you need to pair with it. You only need to do this once for each device — to connect again, see “Reconnect devices” on page 64.


1 Make sure the device you are pairing with is in discoverable mode.

Note: Refer to the guide that came with the device for details.

2 Touch **Menu**  > **Settings** > **Wireless & networks** > **Bluetooth settings**.

3 Touch **Bluetooth** to turn on and scan. If Bluetooth is already on, touch **Scan for devices**.

4 Touch a device to connect.

5 If necessary, touch **OK**, or enter the device passkey (like **0000**) to connect to the device. When the device is connected, the Bluetooth indicator  appears in the status bar.

Note: Using a mobile device or accessory while driving may cause distraction and may be illegal. Always obey the laws and drive safely.

Reconnect devices

To automatically reconnect your phone with a paired device, simply turn on the device.


To manually reconnect your phone with a paired device, touch the device name in the **Bluetooth devices** list.

Disconnect devices

To automatically disconnect your phone from a paired device, simply turn off the device.

To manually disconnect your phone from a paired device, touch the device name in the devices list, then touch **Menu**  > **Disconnect**.

Edit properties

To edit the device name, touch **Menu**  > **Settings** > **Wireless & networks** > **Bluetooth settings** > **Device name**. Enter a name and touch **OK**.

Wi-Fi

Home, office, or hotspot

Quick start: Wi-Fi

Find it: Menu  > **Settings** > **Wireless & networks** > **Wi-Fi settings**

Use a wireless network for fast Internet access and to download data.




Turn Wi-Fi on or off


Find it: Menu  > **Settings** > **Wireless & networks** > **Wi-Fi**.


Note: To extend battery life, turn off Wi-Fi power when not in use.

Wi-Fi search & connect


To find networks in your range:

1 Touch **Menu**  > **Settings** > **Wireless & networks** > **Wi-Fi settings**.

2 Touch **Wi-Fi** to turn on and scan. If Wi-Fi is already on, touch **Menu**  > **Scan**. Your phone lists the networks it finds within range.

Tip: To see your phone's MAC address or other Wi-Fi details, touch **Menu**  > **Advanced**.

3 Touch a network to connect.

4 If necessary, enter **Network SSID**, **Security**, and **Wireless password**, and touch **Connect**. When your phone is connected to the network, the wireless indicator  appears in the status bar.


Tip: When you are in range and Wi-Fi is on, you will automatically reconnect to available networks you've connected to before.

USB & memory card

Connect your phone and computer, then drag & drop

USB drag & drop

You can transfer your pictures, videos, music, ringtones, and more, from your computer to your phone's memory card.

- 1 With a memory card inserted, and your phone showing the home screen, connect a micro USB data cable from your phone's micro USB port to a USB port on your computer. Your phone should show  in the status bar.

Note: You may need to remove the USB data cable from the charger power head.

Note: Make sure to connect the phone to a high power USB port. Typically, these are located directly on your computer.

- 2 Your phone shows a USB connection dialog at the top of the screen. Flick down, then touch **USB connected**. You will not be able to use the files on your memory card while it is connected.
- 3 Touch **Mount** (if asked) to connect your memory card.
- 4 On your computer, locate and click on the "Removable Disk" icon to access the phone's memory card.
- 5 Drag and drop your pictures, videos, music,

ringtones, and more, to the phone folder on the memory card. To help manage your files, you can create more folders inside your phone folder.

- 6 When you're done, select the "Safely Remove Hardware" feature on your computer. On your phone, drag down the notification panel (see "Phone status & notifications" on page 12), touch **Turn off USB storage**, and select **Turn off**.

Memory card

Note: You need to install a memory card to use your phone.

Remove or format your memory card

Before you remove or format your memory card you need to unmount it. Touch **Menu > Settings > SD card & phone storage > Unmount SD card**.

To format your memory card, touch **Format SD card**.

Warning: All data on your memory card will be deleted.

Tools


Stay on top of things

Alarm clock

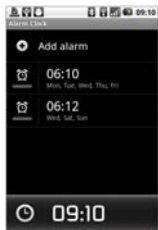
Find it:  >  **Alarm Clock**

To turn on an alarm, touch the check box.

When an alarm sounds, touch **Dismiss** to turn it off or **Snooze** to delay.



To add an alarm, touch **Menu**  > **Add alarm**, then enter alarm details.

To enable or disable an alarm, touch the check box.



Calculator

Find it:  >  **Calculator**

Your calculator has basic and advanced views. To change views, touch **Menu**  > **Advanced panel** or **Basic panel**. To clear history, touch **Menu**  > **Clear history**.

Management

Stay in control

Wireless manager


Find it: Menu  > **Settings** > **Wireless & networks**

Manage all your wireless connections: Wi-Fi, Bluetooth™, airplane mode, & mobile networks.

Airplane mode


Use airplane mode to turn all your wireless connections off — useful when flying.

Update my phone

To keep your phone current, software updates may be available. Touch **Menu**  > **Settings** > **About phone** > **System updates** to see if your phone is up to date. If it isn't, touch **Update**.

Network

You should not need to change any network settings. Contact your service provider for help.

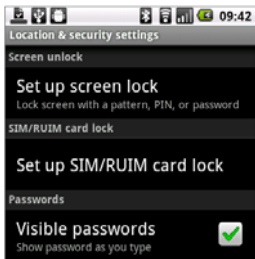
Touch **Menu**  > **Settings** > **Wireless & networks** > **Mobile networks** to show options for roaming networks, network selection, operator selection, and access point names.

Security

Help keep your phone safe

Quick start: Security


Find it: Menu  > **Settings** > **Location & security**




Screen lock

Note: You can make emergency calls on a locked phone. A locked phone still rings, **but you need to unlock it to answer.**

Lock the screen in the following ways:


- Press **Power** .
- Let the screen time out (don't press anything).
- Switch the power off.


To unlock the screen, press **Power** , or open the


70

phone, then, drag  to the right.

Set unlock pattern

To set an unlock pattern, that you need to draw to unlock your screen, touch **Menu**  **Settings** > **Location & security** > **Set unlock pattern**, then follow the instructions to draw your pattern.

To turn the lock off, touch **Menu**  **Settings** > **Location & security** > **Require pattern**.

To change the lock pattern, touch **Menu**  **Settings** > **Location & security** > **Change unlock pattern**.

Forgot your pattern or password?

If you forget your pattern or password, see your service provider.


Troubleshooting

We're here to help

Crash recovery

In the unlikely event that your phone stops responding to touches and key presses, try a quick reset. Remove the back cover and battery, then replace and switch your phone on as usual.

Reset

To reset your phone to factory settings and erase all the data on your phone, touch **Menu**  > **Settings** > **Privacy** > **Factory data reset** > **Reset phone**.

Warning: All data on your phone will be deleted.

FCC statement

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 that is received, including any interference that may cause undesired operation.

*RF warning for Portable device: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

This device is acting as slave and operating in the 2.4 GHz (2412 ~2462 MHz) band.

Ad Hoc function is supported but not able to operate on non-US frequencies. Do not use the device with the environment which below minimum -10 °C or maximum over 50°C .

NOTE: 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 receiver.
- Connect the equipment into 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

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.