

Dream User Guide

PRE-RELEASE DRAFT

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Please Read Before Proceeding

**THIS DEVICE IS NOT CHARGED WHEN YOU TAKE IT OUT OF THE BOX.
DO NOT REMOVE THE BATTERY PACK WHEN THE DEVICE IS CHARGING.
YOUR WARRANTY IS INVALIDATED IF YOU OPEN OR TAMPER WITH THE DEVICE'S OUTER
CASING.**

PRIVACY RESTRICTIONS

Some countries require full disclosure of recorded telephone conversations, and stipulate that you must inform the person with whom you are speaking that the conversation is being recorded. Always obey the relevant laws and regulations of your country when using the recording feature of your Pocket PC Phone.

Important Health Information and Safety Precautions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages.

Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire and damage to the equipment, observe the following precautions.

ELECTRICAL SAFETY

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

SAFETY PRECAUTIONS FOR PROPER GROUNDING INSTALLATION

CAUTION – Connecting to an improperly grounded equipment can result in an electric shock to your device.

This product equipped with a USB Cable for connecting with desk-top or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

SAFETY PRECAUTIONS FOR POWER SUPPLY UNIT

- **Use the correct external power source**

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

This product should be operated only with the following designated power supply unit(s).

AC Adapter

1. Pihong, Models PSAA05X-050

Car Adapter

1. Pihong, Model CLM05D-050

- **Handle battery packs carefully**

This product contains a Li-ion or Li-ion Polymer battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60°C (140°F).



WARNING! Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble,

crush, puncture, short external contacts, expose to temperature above 60°C (140°F), or dispose of in fire or water. Replace only with specified batteries. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.



NOTE: This product should be operated only with the following designated Battery Pack(s).

1. Dynapack, Model DREA160
2. TWS, Model DREA160

• **Take extra precautions**

- Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
- Keep metal objects away so they don't come in contact with the battery or its connectors as it may lead to short circuit during operation.
- Do not use a battery that appears damaged, deformed, or discolored, or the one that has any rust on its casing, overheats, or emits a foul odor.
- Always keep the battery out of the reach of babies and small children, to avoid swallowing of the battery. Consult the doctor immediately if the battery is swallowed.

If the battery leaks:

- Do not allow the leaking fluid to come in contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.
- Do not allow the leaking fluid to come in contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
- Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.

• **Communicate the appropriate steps immediately in case a hazard occurs.**

SAFETY PRECAUTIONS FOR DIRECT SUNLIGHT

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 60°C (140°F), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

PREVENTION OF HEARING LOSS



CAUTION – Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

NOTE: For France, Headphones, Earphones, and Wired Remote Controller (listed below) for this device have been tested to comply with the Sound Pressure Level requirement laid down in the applicable NF EN 50332-1:2000 and/or NF EN 50332-2:2003 standards as required by French Article L. 5232-1.

1. Earphone, manufactured by Cotron, Models CHM-311STV08001

SAFETY IN AIRCRAFTS

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device when on board an aircraft, remember to turn off your phone by switching to Flight Mode.

ENVIRONMENT RESTRICTIONS

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fuelling areas, fuel storehouses, below deck on boats, chemical plants, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

EXPLOSIVE ATMOSPHERES

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fuelling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

ROAD SAFETY

Vehicle drivers in motion are not permitted to use telephony services with handheld devices, except in the case of emergency. In some countries, using hands-free devices as an alternative is allowed.

SAFETY PRECAUTIONS FOR RF EXPOSURE

- Avoid using your phone near metal structures (for example, the steel frame of a building).
- Avoid using your phone near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
 - Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
 - Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

HEARING AIDS

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

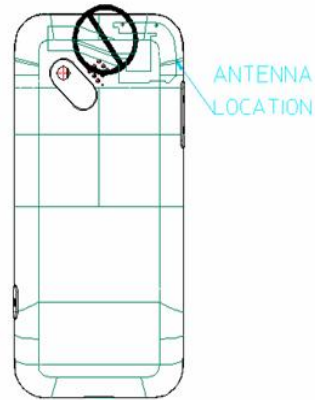
NONIONIZING RADIATION

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality

and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Do not touch or hold the antenna area unnecessarily when placing or receiving a phone call. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.



General Precautions

- **Heed service markings**

Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside the device should be done by an authorized service technician or provider.

- **Damage requiring service**

Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provider under the following conditions:

- Liquid has been spilled or an object has fallen into the product.
- The product has been exposed to rain or water.
- The product has been dropped or damaged.
- There are noticeable signs of overheating.
- The product does not operate normally when you follow the operating instructions.

- **Avoid hot areas**

The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

- **Avoid wet areas**

Never use the product in a wet location.

- **Avoid using your phone after a dramatic change in temperature**

When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

NOTICE: When taking the device from low-temperature conditions into a warmer environment or

from high-temperature conditions into a cooler environment, allow the device to acclimate to room temperature before turning on power.

- **Avoid pushing objects into product**

Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.

- **Mounting Accessories**

Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

- **Avoid unstable mounting**

Do not place the product with an unstable base.

- **Use product with approved equipment**

This product should be used only with personal computers and options identified as suitable for use with your equipment.

- **Adjust the volume**

Turn down the volume before using headphones or other audio devices.

- **Cleaning**

Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.

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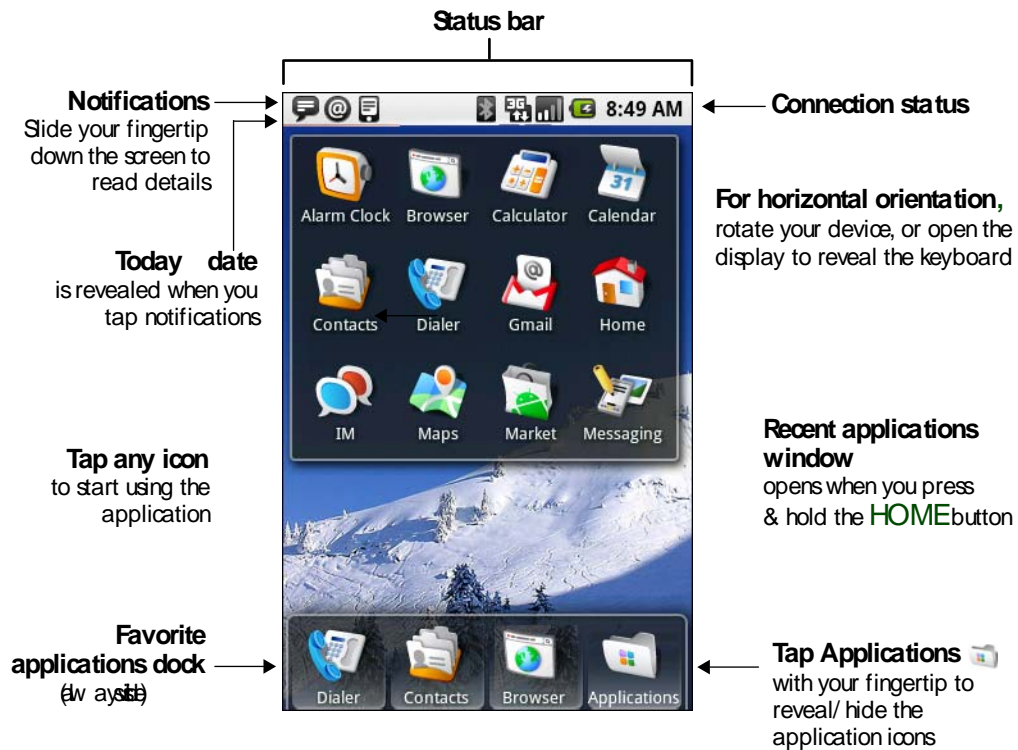
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Device essentials

The Home screen

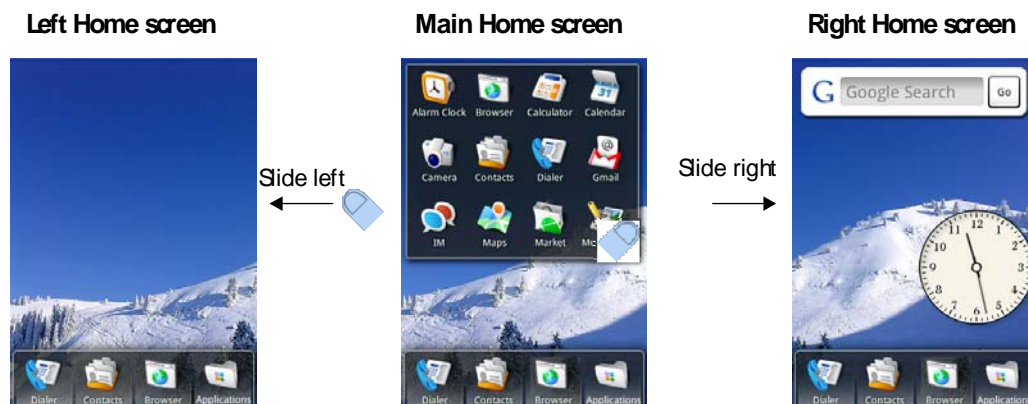
The Home screen is your starting point for using the applications on your device. The Home screen is actually three screens in one. The default, or “main” Home screen contains icon links to all the applications on your device. You can customize the Home screens to display applications and shortcuts that suit you.

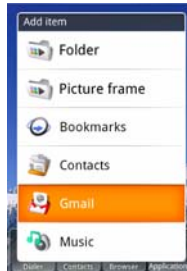


Wherever you are, whatever you're doing on your device, simply press the **HOME** button to return to the main Home screen.

Extended Home screens

In addition to the Home screen that displays after pressing **HOME**, by sliding your fingertip left and right along the screen, you'll see the extended Home screens. These screens give you more room to customize with shortcuts and folders and offer a Google search bar and a clock. Each screen contains the favorites dock, the left and right Home screens display the Google search bar.





Create Home screen shortcuts

- 1 Start from a Home screen (press the **HOME** button to get oriented). Then press & hold the screen with your fingertip, or press & hold the **TRACKBALL**. The **Add item** menu opens.
- 2 Select a folder or application (for example, Gmail).
- 3 If applicable, navigate to the point in the application you would like to shortcut and select it (for example, your Gmail Inbox).
- 4 The shortcut appears on the screen.

Move objects on the screen

- 1 To move an icon or other s on the screen, you must first press & hold it to enter “move mode”. The object will magnify when it’s ready to be moved.




- 2 Without lifting your finger (or you’ll drop out of move mode), drag the object to the position you like. Note that you can only move an object within the screen you’re currently viewing.

Create & delete folders

Add folders to hold application icons or shortcuts.

- 1 From any of the Home screens, press **MENU** and select **Add**, or press & hold the screen to open the add item menu.
- 2 A new folder appears on the screen.
- 3 Press & hold any of the application icons or shortcuts to enter “move mode” (the icon will magnify), then drag the item on top of the new folder.

- 4 Tap the folder once to open it; tap the folder's title bar to close it.
- 5 To rename a folder, first open the display. Then press & hold the folder name to open the context menu. Select **Rename**.
- 6 To delete a folder, press & hold the folder to enter "move mode". Drag the folder to the **Delete** button  in the dock. (When applicable, the Applications button in the dock changes to **Delete**.)

Customize Home screen wallpaper

Wallpaper your home screens with pictures you have purchased or with pictures stored on your SD card:

- 1 From any of the Home screens, press **MENU** and select **Wallpaper**.
- 2 Select a category: Android, Downloads, or Pictures. If you select Pictures, your picture album opens. (Note that if this is the first time you have viewed the pictures stored on your SD card from your device, it may take a while for the pictures to load.)
- 3 Navigate to find the picture you want to use, then tap it.
- 4 Unless you've selected an Android wallpaper, the wallpaper cropper appears. Size the cropper by pinching your thumb and forefinger together or pulling them apart on the screen. Move the cropper around the picture by dragging it with your finger.
- 5 When you're happy with the framing, press the **BACK** button. The wallpaper is applied.
- 6 Repeat for the alternate orientation (portrait or landscape).




























Customize the dock

- 1 If there are no empty slots in the dock, you must remove an icon first.
 - Press & hold the icon to enter "move mode" (the icon will magnify).
 - Drag the icon into the All folder.
 - An empty position on the dock appears.

- 2 Press & hold the icon you want to dock (it can be an application or folder you've created), then drag it to the empty slot in the dock.

Notification & connection status icons

Along the top of your device screen is the status bar. On the left side, icons will appear, notifying you of a new message, upcoming calendar event, alarm set, or something else you should notice. On the right side of the status bar, you'll see connection status icons.

 New email message	 Call in progress	 GSM signal roaming no signal
 New text message	 Missed call	 GPRS service connected data flowing not connected
 New multimedia message	 Call on hold	 Edge service connected data flowing not connected
 New instant message	 Call forwarding ON	 3G service connected data flowing not connected
 New voicemail	 Ringer is OFF (Silent mode)	 Wi-Fi service connected not available available
 Upcoming event	 Ringer on vibrate only	 Battery charge indicator: full half-full low very low!
 Alarm is set	 Phone on MUTE	 Battery is charging
 Data is syncing	 GPS is ON	 Wireless is OFF
 Song is playing	 Uploading/downloading	 Bluetooth is ON Bluetooth device

connected

Read your notifications

When you see a notification in the status bar, slide your finger down the screen to open the list of notifications.

- **Ongoing notifications** report activities such as data syncing, call forwarding ON, current call status.
- **Notifications** report the arrival of new messages, calendar events, alarms set. You can clear notifications list by selecting **Clear notifications** at the top of the notification window.

To jump to the message, reminder, or other “event” notification, tap the item. To close the notification list, slide your finger up the screen. You can also open the notifications list by pressing **MENU** and selecting Notifications.


Wireless operator

To view the network your device is currently using, slide open the notifications panel. The name of the wireless operator’s network appears at the top of the list in bold.

Status light indicators

There is an LED light in the speaker that provides a status or activity

indication.

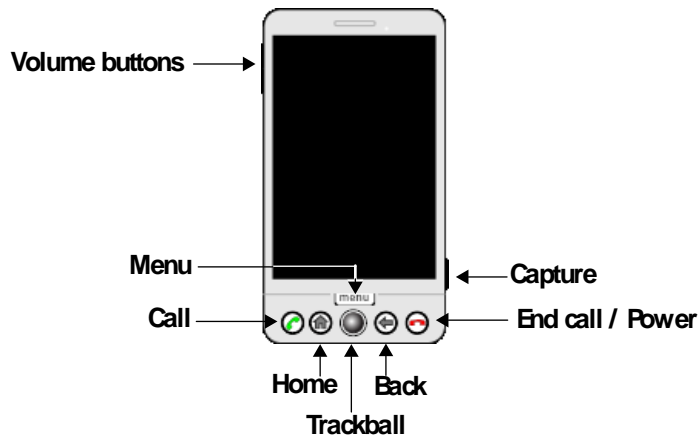


The diagram shows a top-down view of a mobile phone. A small green light is visible in the speaker area at the top of the device. A line points from the text 'Status light' to this green light.

- Solid green – Battery is fully charged (while connected to power adapter)
- Solid red – Battery is charging
- Flashing red – Battery is low
- Flashing blue – Device is connected to a Bluetooth device
- Flashing green – You have a pending notification

The indicators are listed in order of priority. This means, for example, that if your device is connected to a power adapter, the LED will be solid red and not switch to a flashing green light even if there is a pending notification.

Device controls



Use the Control buttons on your device to do the following:

- Home button**
- Press **HOME** to return to the Home screen from anywhere on your device.
 - Press & hold **HOME** to bring up the recent applications window.

- Menu button**
- Press **MENU** to open a list of actions you can take on the current screen or dialog box.
 - Press & hold **MENU** when using in combination with a keyboard shortcut.
- Back button**
- Press **BACK** to go back to the previous screen, or to dismiss a dialog box or menu.
 - Press & hold **BACK** to go back to the start screen of the current application.
- Call button**
- Press **CALL** to do one of the following, depending on context:
 - Bring up log of recent calls
 - Call contact (when a contact/contact number is highlighted)
 - Add another call (while in a call)
 - Display ongoing call on the screen (if you had navigated to another application during the call)
 -)
 - Call number (when a phone number is highlighted, e.g., in Browser)
 - Press & hold **CALL** to open the voice dialer.
- End call button**
- While on a call, press **END CALL** to hang up.
 - While not on a call, press and hold **END CALL** to open the Global actions menu, from which you can Lock the screen, Power off, or Silence your device.

Trackball

- Roll the **TRACKBALL** up/down and left/right to navigate selectable items on the screen. Click the **TRACKBALL** to select a highlighted item or action.
- Press & hold the **TRACKBALL** to bring up the selected item's context menu (if applicable).

On a Web page, click the TRACKBALL twice to enter “scale & scroll” mode. (Read more in Scale & scroll

- .)

Capture button

- When in the Camera application, press the **CAPTURE** button half-way down to focus, then complete the press to take a picture.

Volume controls

- Press either **+** or **-** to bring up the sound volume controls. Volume is controlled separately for the ringer and audio/video files.

Global shortcuts

Use these control button and keyboard shortcuts from anywhere on your device:

Search

Press **MENU + s**

Turn off screen	Press END CALL
Lock device controls	Press & hold END CALL , then release and select Lock
Open dialer	Press CALL
Open voice dialer	Press & hold CALL

Application keyboard shortcuts

You can set keyboard shortcuts that open individual applications when used together with the **SEARCH** key. For example, if the shortcut to the Browser application is “b”, then from anywhere on the device, you could press **SEARCH** + **b** to jump to the Browser application.

You can customize the shortcut keys from the quick launch settings screen:

- 1 Press **HOME**, then press **MENU** and select **Settings**.
- 2 Scroll down to the **Basic settings** section and select **Quick launch**.
- 3 The quick launch screen is organized first by letter, a–z, then by number, 1–9. Some shortcuts have been defined by default (such as “b” for Browser). You can change these default shortcuts as well as add shortcuts to letters or numbers that are unassigned.
- 4 To change or add a new shortcut, select the letter or number slot to open the list of applications. Select the application you want to shortcut, and it’s assigned.

Keyboard

To use the keyboard, hold your device horizontally, with the control buttons on the right. Push the display up and slightly to the left to reveal the keyboard. Your

display will always use the horizontal screen orientation when your keyboard is open (except in Browser and Pictures, where you can set the orientation explicitly).

SEARCH key

There is a **SEARCH** key (just to the left of @), which you can use when the keyboard is open. Pressing the **SEARCH** key launches the Google Search window. Type the information you're seeking and select **GO**.

MENU key

There is a **MENU** key (just to the left of Z), which you can use when the keyboard is open instead of

pressing the **MENU** control button. This means, with the keyboard open, you can open the menu using your

left hand (press the **MENU** key) and select a menu option with your right (roll and click the **TRACKBALL**).

ALT key

To type the characters shown in light green on some of the keys, first press the **ALT** key, then the key showing the special character. For example, if you need to type a double quote ("), you would first press the **ALT** key, then the key **[ALT, k]**.

- Lock the **ALT** key to type a series of characters by pressing the key twice.
- Unlock the **ALT** key by pressing it once again.

SHIFT key

There are two **SHIFT** keys on your device; one on the far left of the lower row and one on the far right of the lower row. Press the **SHIFT** key while typing a letter to type the letter's capital. On number or symbol keys, pressing the **SHIFT** key causes the special character to appear.

- Lock the **SHIFT** key to type a series of characters by pressing the key twice.
- Unlock the **SHIFT** key by pressing it once again.

@ key

When you type an email address, the “at” symbol (@) separates the username from the domain; for example, username@domain.com. Use the @ key (located in the bottom row of keys, just to the left of the **SPACEBAR**) to insert the @ symbol in an email address.

Typing tips

Insert special character	ALT + SPACEBAR opens special character selector
Delete character to left	DEL
Delete character to right	SHIFT + DEL
Delete entire line	ALT + DEL
Persistent CAPS	Press SHIFT twice; press SHIFT again to escape
Jump cursor to beginning/end of line	ALT + roll TRACKBALL left/right
Create tab character	ALT + q
Highlight text	SHIFT + roll TRACKBALL
Cut text	MENU + x , or Highlight text, press & hold TRACKBALL , select

	Cut
Copy text to clipboard	MENU + c , or Highlight text, press & hold TRACKBALL , select Copy
Paste text in clipboard	MENU + v , or Highlight text, press & hold TRACKBALL , select Paste
Undo change	MENU + z
Select all text in field	MENU + s , or Highlight text, press & hold TRACKBALL , select Select all

Touch screen & trackball

Selection

To select an item or button on the screen, you can either:

- Roll the **TRACKBALL** to highlight the item, then click the **TRACKBALL** to select the item; or
- Tap the item with your fingertip.

Context menus

To open the context menu for an item on the screen, you can either:

- Roll the **TRACKBALL** to highlight the item, then press & hold the **TRACKBALL**; or

- Press & hold the item on the screen with your fingertip.

Scroll

To scroll up or down in a list or page on the screen, you can either:

- Roll the **TRACKBALL** up/down; or
- Slide your finger up/down on the screen. With repeated short, quick brushing gestures, you can accelerate the scroll. Tap your finger to stop the scrolling.

Resize pictures


When creating wallpaper or an icon from a picture, you can control how the picture is cropped by pinching or pulling apart the cropper boundaries with your thumb and forefinger.

Drag items


In some contexts you can drag items on the screen with your fingertip. Moving the cropper frame within a picture is one example.

Zoom in or out

Zoom in on a picture (when viewed full-screen), Web page, or map:

- Touch the screen to open the zoom-in and zoom-out controls . Tap the + control to zoom in. With each tap you zoom in closer.
- Tap the screen twice in a pattern: first tap near the bottom of the screen and then tap again near the top of the screen. The zoom point is the mid-point of your two taps.

Zoom out on a picture (when viewed full-screen), Web page or map:

- Touch the screen to open the zoom-in and zoom-out controls . Tap the - control to zoom out. With each tap you zoom out further.

- Tap the screen twice in a pattern: first tap near the top of the screen and then tap again near the bottom of the screen. The zoom point is the mid-point of your two taps.

Scale & scroll

To navigate quickly to a section of a Web page, use the “scale & scroll” interface:

- 1 Double-tap the screen or click the **TRACKBALL** twice to open the “magnifying window”. The Web page reduces to fit the width of the



Magnifying window

screen.

- 2 Move the magnifying window around the screen with your fingertip or by rolling the **TRACKBALL**.
- 3 When you find the area of the page you want to view more closely, tap the center of the magnifying box, or click the **TRACKBALL**.

Silent mode

To silence your device quickly, press and hold **END CALL** (two seconds). The Global actions menu opens. Select **Silent mode**. You can also press & hold the – volume button to zero volume.

Screen off

After a period of inactivity, your screen will go black to conserve battery power. You can set the inactive period:

- 1 Press **HOME**, then press **MENU** and select **Settings**.
- 2 Scroll down to Basic settings and select **Display**.
- 3 Select **Screen timeout** and choose a time or “never timeout” from the menu.

Tip: Turn the screen off quickly by pressing **END CALL**.

Keylock

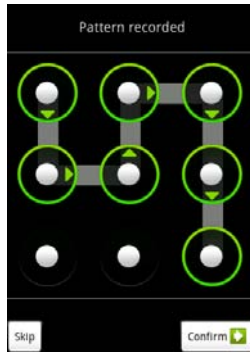
To lock your control buttons and screen from accidental touch activation, press and hold **END CALL**. On release, the Global actions menu opens. Select **Lock**.

To unlock your screen, press **MENU**.

You can increase the security of your device by setting a key lock gesture. Once set, in order to unlock your screen, you'll have to match a key lock gesture. You can set your key lock gesture as follows:

- 1 Press **HOME**, then press **MENU** and select **Settings**.
- 2 Scroll down to the Security section and select **Lock gesture**.
- 3 Require a lock gesture by turning Lock gesture **ON**.
- 4 Set or change your lock gesture by selecting **Change gesture lock pattern**.

- 5 Follow the prompts to define your gesture. **Note:** You must slide your finger along the screen to create the pattern, not select individual




circles.

- 6 When you unlock your screen, if you want your lock gesture to not show, turn **Use visible pattern OFF**.

Wireless off

When you need to turn your device radios off, switch to “airplane” mode:

- 1 Press **HOME**, then press **MENU** and select **Settings**.
- 2 In the **Mobile network** section of the screen, select **Airplane mode** to turn the button **ON**. When on, the airplane mode  icon will display in the status bar.
- 3 To turn wireless back on (which means turn airplane mode off), return to this settings screen and select the on/off button so the button displays **OFF**.

Making phone calls

To dial a call press the **CALL** button. To call using the voice dialer, press & hold **CALL**. To answer an incoming call, press **CALL** or slide the in-call panel up. To end a call, press **END CALL** or slide the in-call panel down.

While in a call, press **MENU** to reveal the in-call options:

- Dial pad** Displays the on-screen dial pad so you can respond to in-call menu prompts.
- Add call** Puts current call on hold and displays the on-screen dial pad so you can dial another number.
- Speaker** Turns on the device speakerphone.
- Mute** Mutes your side of the conversation.
- Hold** Puts ongoing call on hold.

Power on/off

To power off your device, press and hold the **END CALL** button. On release, the Global actions menu opens. Select **Power off**.


To power on again, press the **END CALL** button.

Bluetooth

Your device is equipped with Bluetooth® wireless technology Specification 2.0. You can use Bluetooth to send and receive calls using a hands-free headset or hands-free car kit.

Turn on Bluetooth services

- 1 Press **HOME**, then press **MENU** and select **Settings**.

- 2 Scroll to the **Bluetooth** section. The Bluetooth on/off button should read **OFF**. Select the button to turn on Bluetooth services.
- 3 The Bluetooth  icon should appear in the status bar.

Visibility

If you don't want other Bluetooth devices to see your device, turn off visibility. Once you turn it on, your device will be visible (discoverable) to other Bluetooth devices for 60 seconds.

- 1 Make sure you have turned Bluetooth ON, as described in Turn on Bluetooth services.
- 2 From the Home settings screen, select **Bluetooth settings**.
- 3 By default, visibility is off. Select **Visibility** to turn it on. Your device is visible for 60 seconds.
- 4 Select **Visibility** again to turn it off.

Name your Bluetooth device

- 1 Make sure you have turned Bluetooth ON, as described in Turn on Bluetooth services.
- 2 From the Home settings screen, select **Bluetooth settings** > **Device name**, then type the name for your device in the dialog box.
- 3 Select **OK**.
- 4 Your new device name appears on the Bluetooth settings screen.

Pair & connect with Bluetooth devices

Before your device can communicate with a Bluetooth hands-free headset or hands-free car kit, the devices must "pair":


- 1 Make sure you have turned Bluetooth ON, as described in Turn on Bluetooth services.
- 2 From the Home settings screen, select **Bluetooth settings**.

- 3 Your device starts scanning for Bluetooth devices within range. As they are found, these devices appear in the list of Bluetooth devices.
- 4 To pair with a device in the list, select it.
- 5 Type the device's PIN, then select **OK**. (Read the manufacturer's documentation if you don't know the PIN.)
- 6 Pairing and connection status appears in the Bluetooth devices list.
- 7 Once the other Bluetooth device shows "connected" status, you can start using it to make and receive phone calls.

Note: If you pair with a second headset while connected to the first, the first headset will remain connected. To switch connection to the second headset you must manually select that headset again after pairing.

About data synchronization


Some Google applications on your device (Gmail, Calendar, and Contacts) give you access to the same personal information that you can add, view, and edit on your computer using Google Web applications. This means that when you add, change, or delete your information in any of these applications on the Web, the updated information also appears on your device, and vice versa. Also, if you lose your device or if your device is destroyed, your personal information is not lost and will appear, as before, on a replacement device.

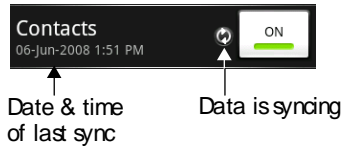
This "mirroring" of information happens through over-the-air data synchronization, or data "syncing". Data syncing occurs in the background and shouldn't ever get in your way. You'll know your data is being synchronized when you see this icon in the notifications bar: .

Because sending large amounts of data back and forth over the air can take time and require considerable bandwidth, there are some settings on the device that allow you to control data sync.

Sync by application

To control synchronization for Gmail, Calendar, and Contacts, do the following:

- 1 Press **HOME**, then press **MENU** and select **Settings**.
- 2 Scroll down to the **Basic settings** section and select **Data synchronization**.
When any of the applications are synchronizing, you will see the “sync” icon: . You will also see the last time your data was



synchronized.

- 3 By default, the personal information in Gmail, Calendar, and Contacts will sync whenever you make a change or receive a new message. You can change this behavior:

Auto-sync When ON, Auto-sync will sync Gmail, Calendar, and Contacts automatically, as you make changes or receive new messages. When OFF, information will not be sync'd automatically, although you can force a sync by using the individual application ON/OFF switches described below.

Gmail Turn OFF to exclude from auto-sync. To force a sync, either turn OFF then ON, or press **MENU** and select **Sync now**. To control sync by Gmail label, read "Select labels to synchronize" on page 38.

Calendar Turn OFF to exclude from auto-sync. To force a sync, either turn OFF then ON, or press **MENU** and select **Sync now**.

Contacts Turn OFF to exclude from auto-sync. To force a sync, either turn OFF then ON, or press **MENU** and select **Sync now**.

Cancel sync During a sync you can stop it by pressing **MENU** and selecting **Cancel sync**.

Sync problems If you see an exclamation point to the left of the sync ON/OFF switch, then there was a temporary problem with the data synchronization. Check your data connection and try again later.

3


Sync by Gmail label

You can select to sync only Gmail messages with certain labels. Do this from the Gmail settings screen, as described in "Select labels to synchronize" on page 38.

System settings

Control device-wide settings from the Home settings screen: Press **HOME**, then press **MENU** and select Settings.

Radio controls

Airplane mode on/off When airplane mode is checked, all wireless connectivity is off. This icon  will display in the status bar when airplane mode is checked.

Wi-Fi on/off Check this check box if you prefer to use this method for your data connection.

Bluetooth on/off Use this check box to turn Bluetooth services on or off.

Networks

Wi-Fi settings screen

Open the Wi-Fi settings screen to:

- View and scan for available networks – Press **MENU** and select **Scan**.
- Connect to a network – Select it from the network list. Provide your username or password if required.

Call settings

Note that when you open Call settings, your current settings are fetched. This could take a few moments.

- Manage your Fixed Dialing Number list – This feature allows you to restrict outgoing calls to a fixed set of numbers. To enable this feature you must know the SIM PIN2 code for your device. You can get this number from your wireless operator, assuming this feature is supported.
- Set your voicemail number.
- Set call forwarding options.
- Additional call settings:
 - Turn on/off Caller ID.
 - Turn on/off call waiting.

Read more in "Call settings" on page 75.

Mobile network settings

- Turn on/off data roaming capability.
- Select a wireless operator network – Scan for all available networks, or select a network automatically.
- Set the network access point (APN) – Do not change this setting unless advised to do so by your wireless operator!

.

- Bluetooth settings** With Bluetooth services on, you can open the Bluetooth settings screen to:
- Rename your device.
 - Select to be visible for 60 seconds or not discoverable.
 - Pair or unpair with one of the Bluetooth devices in range – You will be asked to type a PIN before pairing. Refer to the manufacturer’s documentation for the PIN code.
 - To rescan for devices, press **MENU** and select **Scan**.

Wi-Fi

Wi-Fi on/off Turn on Wi-Fi if you prefer to use this method for your data connection.

Wi-Fi settings screen Open the Wi-Fi settings screen to:

- View and scan for available networks – Press **MENU** and select **Scan**.
- Connect to a network – Select it from the network list. Provide your username or password if required.

Mobile network

Bluetooth

Device basics

Sound & display

- Silence your device.
- Set vibration – Select to have your device vibrate always, never, or only when device is silenced.
- Set ringer volume – Slide your finger along the volume bar to set an incoming call ring volume.
- Select Phone ringtone – Select a ringtone to use for an incoming call.
- Select Notification ringtone – Select a ringtone to use when you receive a notification (new message, upcoming event). Note that you can override this setting for new Calendar event notifications and new Gmail, IM, text, and multimedia message notifications.
- Set display brightness level – Slide your finger along the brightness bar to set brightness level.
- Set screen timeout – Select how long your device must be inactive before the screen turns off. You can select a time value or to never have the screen time out.
-

Date & time

- Set time, time zone, and date – Use Automatic unless you need to override the network values.
- Select time format – Select from 12- or 24-hour formats.
- Select date format – Select from a variety of formats.

My Location

Select a source for determining your location:

- Wireless networks, or
- GPS satellites

Typically GPS will be more accurate (to street level) but it consumes more battery power.

Applications

Unknown sources – Turn this setting on if you want the ability to download applications from the Web. With the setting turned off, you will only be able to download applications from Android Market.

To make sure your personal data and device remain secure, it is recommended you keep this setting turned off.

Assign shortcuts (a–b, 1–9) to applications. Some applications have been assigned shortcuts by default. You can change these, plus add shortcuts.

Quick launch

- 1 Select the letter or number you want to use as a shortcut.
- 2 Select the application from the list that appears.
- 3 The shortcut is assigned.

Locale & text

- Select from available locales.
- Turn Auto-replace feature on/off – This feature is not a spell-checker, but automatically corrects commonly-mistyped words when ON.
- Turn Auto-cap on/off – When ON, automatically capitalizes the first letter in a text field, or the first letter after a period (.), question mark (?), or exclamation point (!).

- Turn Auto-punctuate on/off – When ON, automatically inserts a period (.) when you type two spaces in succession.
- Visible passwords – Select to have your password display as you type it.

About device

- Select to go to the google.com Web site to read Terms of Use.
- View the software version installed on your device.
- View your device “status”. This screen lists a variety of information, including your phone number, the network you are currently using, the type of network, signal strength, whether you are roaming or not, any Wi-Fi addresses you’re connected to, and more.

Security & data

Security

Lock gesture – Create a pattern you will be asked to draw before your screen will unlock. The pattern can be visible or invisible as you draw it.

SIM lock settings – Lock your SIM card for extra security. You can also change your SIM card PIN from this screen. If you don’t know your SIM PIN, you can obtain it from your wireless operator.

Data

Data synchronization

- Turn on/off synchronization for all services.
- Select individual services to synchronize with data on the Web. The last time the service synchronized is reported under the service name.
- To start an unscheduled sync, press **MENU** and select **Sync now**. If a sync is in progress, cancel it by pressing **MENU** and selecting **Cancel sync**.

SD card & device storage

View and manage the data storage on your device:

- **microSD™ card** – View how much space you are using on your memory card; select to use your memory card as USB mass storage when your device is connected to your computer; unmount/eject your memory card from your device. (Note that when your device is connected to your computer via USB, you cannot view pictures or play any media stored on the card from your device.)
- **Internal device storage** – Reports how much internal storage is free. (The device has a total of 256 MB flash memory.) You can also select to reset your device to factory settings. This will erase all your data from your device!

Contacts

The contact list

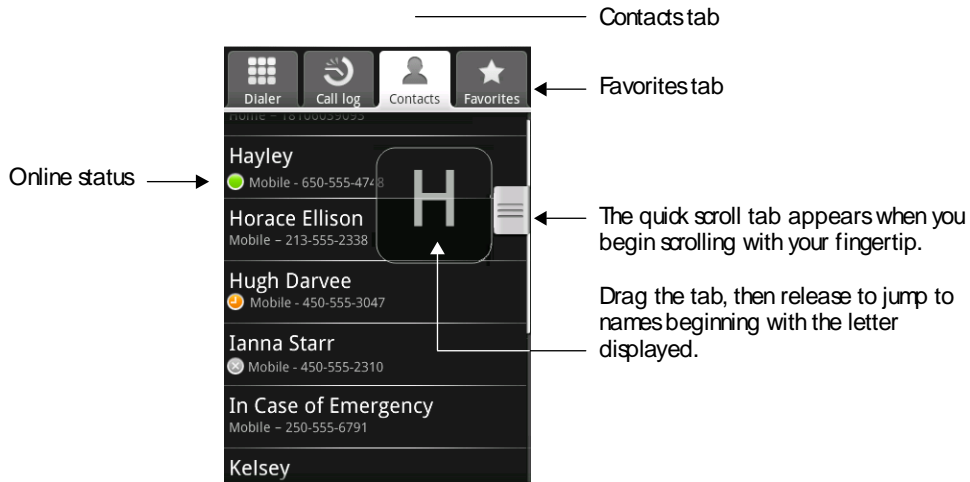
View and create contacts that sync with your Google Web contacts. Similar to an online address book, the Contacts application gives you easy access to the people you want to reach.

To view your contact list press **HOME** and select **Contacts**  .

All your contacts with phone numbers are listed in the Contacts tab; only those contacts you star as “favorites” are shown in the Favorites tab. (Read Contacts settings

to learn how to change which contacts display.) If your contact is online, their online status as well as their first-labeled number will appear under their

name.



Browse through your contacts by rolling the **TRACKBALL**, or by sliding your fingertip up and down on the screen. Rapid brush movements in either direction accelerates the scrolling. Tap the screen to stop the scrolling.


Another way to find a contact quickly is to use the “quick scroll” tab. As soon as you start scrolling with your fingertip, the quick scroll tab appears on the right, connected to the scroll bar. Select then drag the tab up or down to scroll through the alphabet rapidly. Release your fingertip when the first letter of the name you’re looking for appears. You’ll jump to that point in the names.


From the contact list, you can:

Take action on a contact



Press & hold the contact’s name to open the context menu. From the menu you can select to view the contact details screen, call the contact’s number, send a text message, add or remove a star, edit the contact details, or delete the contact.

See contact's online status To the immediate left of a contact's name you can view their online status:

-  – Available
-  – Idle
-  – Away
-  – Invisible
-  – Offline

Go to contact details screen Select the contact's name to open the contact details screen, where all the information you've saved for this contact is displayed. Note that the number with this icon  is the default number for that contact. To edit a contact's details, press **MENU** and select **Edit contact**.

Add a contact



- 1 Press **HOME** and select **Contacts** . Your contact list appears.
- 2 Press **MENU** and select **New contact**, or press **MENU + n**.
- 3 Add all the information you want to store for this contact in the appropriate fields. You must add a name to save a contact. To change a default label, select the label name to open the label menu. Select a different label or create a custom label. To add more fields, select **Add more**.
- 4 If you have an SD card inserted with pictures on it, you can assign a Caller ID icon to your contact by selecting the placeholder icon . Your picture album opens. Navigate to a picture and select it, size the cropper with your fingertips, then select **Save**. The picture is associated with your contact.

- 5 To assign a custom ringtone for incoming calls from the contact, select **Ringtone**. The ringtone menu opens. Check a ringtone, then select **OK**. Note that when you check a ringtone, it plays briefly.
- 6 If you want all calls from this contact to go directly to voicemail, select the **Send calls directly to voicemail** check box.
- 7 To save your contact, either press **BACK** or press **MENU** and select **Save**.

Note: Email addresses are automatically added to your contact list each time you use the Reply, Reply to all, or Forward functions to send messages to addresses not previously stored in Contacts.

Assign favorites

Use the Favorites tab as a way to filter your contact list.

To add a contact to your Favorites tab, from the contact list, tap the  to the right of the contact's name. Your favorite contact will now display with a colored star: . (Tap the star again to remove from Favorites.)

Edit contact details

You can always make changes to the information you've stored for a contact:

- 1 From your contact list, press & hold the contact whose information you want to edit. The context menu opens.
- 2 Select **Edit contact**. The edit contact screen appears.
- 3 Make your edits, then select **Save**. To cancel, select **Discard changes**.

Note: Once you've edited a contact's details, the contact will automatically become part of the My Contacts group. Read more in About the My Contacts group

Communicate with a contact

Contact details screen

From the contact list you can quickly call or text a contact's default number, as displayed below their name on the screen. However, to view **all** the information you've stored for a contact, and to initiate other types of communication with that contact, open the contact details screen.

To open a contact's details screen, simply select their name from the contact list.

Call a contact

- 1 From your contact list, highlight the contact you want to call.
- 2 Press **CALL** to call that contact's primary number (first in the list on their details screen).
- 3 To call a different number for the contact, select the contact's name, then select the number on their details screen.

Send a text or multimedia message to a contact

To send a text or multimedia message to a contact, you must have a mobile number stored for them in contact details.

- 1 From your contact list, highlight a contact who has a mobile number.

- 2 Press & hold the contact's name to open the context menu.
- 3 Select **Send text**. A compose screen opens for your new message.
- 4 Complete your message and select **Send** or press **ENTER**.

Send email to a contact

To send an email message to a contact, you must have an email address stored for them in their contact details.

- 1 From your contact list, select the contact you want to email to open their details screen.
- 2 Select the email address to open a compose screen.
- 3 Complete your message, press **MENU**, and select **Send** or press **ENTER**.

Map a contact's address

To map a contact's address, you must have a postal or physical address stored for them in their contact details.

- 1 From your contact list, select the contact whose address you want to map.
- 2 On the contact's details page, select the address.
- 3 The Maps application opens and locates the address. Press **MENU** to see your options. Read more in "Maps" on page 61.

Contacts settings

To set Contacts preferences, from the Contacts screen, press **MENU** and select **Settings**.

Display contacts

Select to display:

- Default – Contacts with phone numbers plus contacts you created on your device. This is called the “Android group” if you view your contacts from the Web client.
- All contacts – Every contact you’ve created or that has been added automatically.

My Contacts – A group created automatically based on those contacts you communicate with most frequently. Read more in About the My Contacts group

- .
- Phone numbers only – Only contacts with phone numbers, regardless of whether you've created them on the device or Web.

Import from SIM card

If you have stored names and phone numbers on your SIM card, you can add these to the Ccontacts stored on your device by selecting this settings option. Once the list of names and numbers appears, press **MENU** and select **Import all**.

About the My Contacts group

“My Contacts” is a special group of contacts that displays by default in your contact list. It includes the contacts that you communicate with frequently. To display all your contacts and not just those in My Contacts, press **MENU**, select **Settings**, then select the **Show all contacts** checkbox.

To move a regular contact into the My Contacts group on your device, simply edit that contact’s details. (Read more in [Edit contact details](#)

.)

All email addresses you’ve sent messages to are added automatically to the “Suggested Contacts” group. You can move contacts from Suggested Contacts into My Contacts at any time from the Web Contacts client. Note that you can create additional contact groups from the Web client as well.

Contacts shortcuts


Add new contact	MENU + n
View contact	ENTER
Edit contact	MENU + e
Call contact	END CALL
Delete contact	DEL
Star contact	MENU + t
Go to Settings	MENU + p
Jump to top/bottom	ALT + roll

of list

TRACKBALL

Email, IM, and Messaging

Gmail

To open Gmail, press **HOME** and select the Gmail icon .

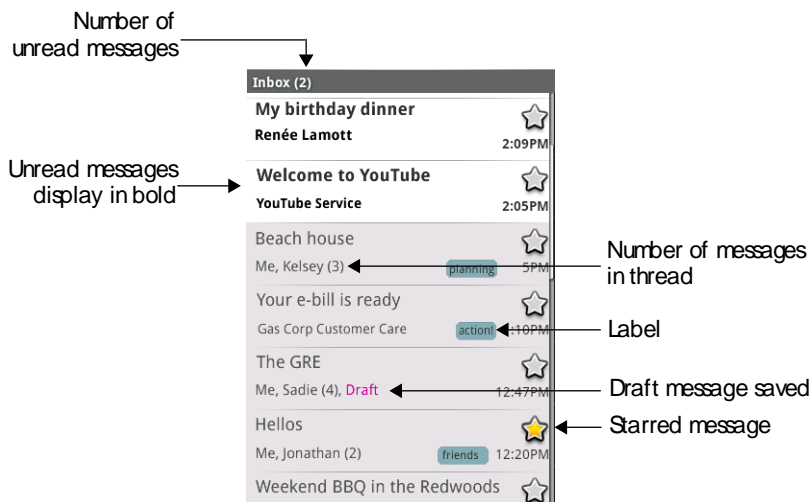
About messages

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

Inbox message list

All the email that you fetch to your device is delivered to your Inbox, and the Inbox is your default Gmail view. (Read more in Gmail shortcuts .) Unread messages displays in bold. If you have labeled a message, its label appears in a

colored rectangle to the left of the date.



Labeled message lists

Organize your email by labeling your message threads. You can filter the message list in view to show only messages with a specific label and you can apply as many labels to a message thread as you wish. A “star” is a special system–provided label: ★ =starred message; ☆ =unstarred message. Use colored stars to mark important message threads, or anyway that you wish. Other system “labels” include: **Inbox**, **Sent**, **Outbox**, **Drafts**, and **All Mail**.

Here are some specific instructions on using labels:

- Label a message thread**
- 1 From a message list, press & hold a message to open the context menu.
 - 2 Select **Change labels**.
 - 3 The Labels menu appears. Labels already applied are marked with a – sign; unapplied labels are marked with a + sign.
 - 4 Select the label to either apply it or remove it from the

thread.

5 Press **BACK** to return to the message list.

Star a message thread

- 1 From a message list, press & hold a message to open the context menu.
- 2 Select **Add star**. If the thread already is starred and you want to remove it, select **Remove star**.

Filter messages by label

- 1 From a message list, press **MENU** and select **View labels**.
- 2 Select the label you want to view. Notice that you can also select to view message in Sent, Outbox, Drafts, and All mail categories.
- 3 A message list appears, showing just the threads marked with that label.
- 4 To return to the Inbox, press **BACK**.

Select labels to sync You can select to synchronize specific labels:

- 1 From a message list, press **MENU** and select **Settings**.
- 2 Select **Labels**.

All your labels appear in a list. Select the labels you want synchronized on a regular basis. Read more in Select labels to synchronize

3 .

Refresh

- 1 From a message list, press & hold a message to open the context menu.
- 2 Select Refresh.

Your email is synchronized per settings. Read more in Select labels to synchronize

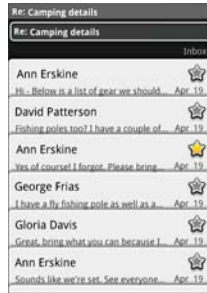
3 .

Read email

When you open a message thread for reading, the subject will appear in a box at the top of the screen and the latest message will appear at the bottom of the thread.

Scroll through messages Slide your finger up or down on the screen; quickly brush your finger up or down to scroll faster.
You can also roll the **TRACKBALL** down to scroll through messages.

Open/collapse messages Each message in a thread has a selectable header. Tap the header to open/collapse the message body.



← All messages are collapsed to show just the headers. Select a header to expand that message.

Open/collapse message header To open or collapse message header details, first open that message, then press & hold the selectable header.

Mark thread as spam

- 1 From a message list, press & hold the message to open the context menu.
- 2 Select **Report spam**.

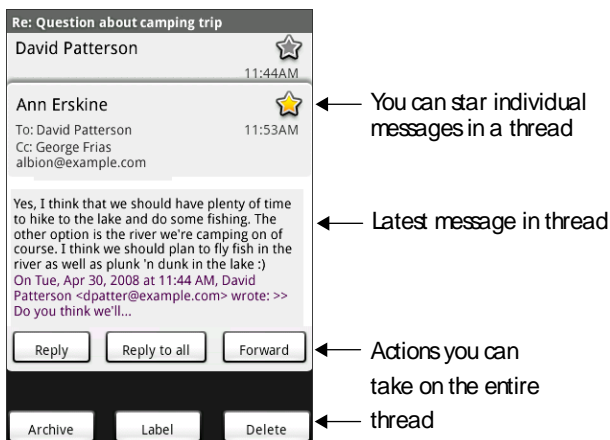
Mark message as read/unread
(Unread messages are shown in bold.)

- 1 From a message list, press & hold the message to open the context menu.
- 2 Select **Mark read/Mark unread** as appropriate.

Archive message thread

- 1 From a message list, press & hold the message to open the context menu.
- 2 Select **Archive**.
- 3 To undo, press **MENU** and select **Undo**. To view your archived messages, from the list of labels,

select **All mail**.



Compose email

Compose new

- 1 Press **MENU** and select **Compose**.
- 2 Add recipients by typing a name or address in the To field. Matching contacts will appear. Select the recipient or continue typing the address. Add as many as you wish.
- 3 Type a subject and message.
- 4 To add an attachment, press **MENU** and select **Attach**. Select an audio, picture, or video file. To remove an attachment, select the attachment's **Remove** button.
- 5 Select **Send** or **Save as draft** when ready. (Pressing **BACK** will also save as draft.)

- Reply, Reply all, Forward**
- 1 With a message highlighted or open for reading, scroll to the end of the message thread.
 - 2 Select **Reply**, **Reply all**, or **Forward**. **Tip:** Always double-check that you've made the right selection!
 - 3 Compose your message and **Send** or **Save as draft** when ready. (Pressing **BACK** will also save as draft.)

Search for messages

In Gmail, you can search for a specific message by sender, word in subject, or label.

- 1 From a message list, press **MENU** and select **Search**.
- 2 Type your search string into the box, then select **GO**.

Add signature to messages

You can append a signature to every message you send:

- 1 From a message list, press **MENU** and select **Settings**.
- 2 Select **Signature**.
- 3 Type your signature in the box, then select **OK**.

Select labels to synchronize


You can choose to synchronize messages based on the labels you've assigned to them. Limiting the amount of email that is regularly synchronized will cut down on network data exchange

- 1 From a message list, press **MENU** and select **Settings**.

- 2 Select **Labels** to open the labels screen. In addition to the labels you've created, all the system labels (Inbox, Starred, Chats, Sent, Spam, and Trash) are listed.
- 3 Select a label name to cycle through the sync options: **Sync recent**, **Sync all**, or **never** (no sync option displays). **Note:** You cannot turn off sync for Inbox except through the Home Data synchronization settings. Read more in "Sync by application" on page 22.

Set new email notifications

You can receive a notification each time you receive a new email message:

- 1 From a message list, press **MENU** and select **Settings**.
- 2 Select the **Email notifications** check box to receive a notification  in the status bar when a new message arrives.
- 3 If you want your device to ring when a new message arrives, select that check box as well. Select **Ringtone** to open the ringtone menu and select a ringtone specific to new email notifications. Note that when you check a ringtone, it plays briefly.

Gmail shortcuts

Message list screen

Compose new	MENU + c
Open conversation to read	ENTER
Archive conversation	MENU + y
Mark read/unread	MENU + r
Label conversation	MENU + l
Delete conversation	DEL
Star conversation	MENU + 8 (*)
Mark conversation as spam	MENU + 1

Go to Settings	MENU + p
Jump to top of list	MENU + t
Page up	SPACEBAR
Page down	SHIFT + SPACEBAR

Add external email accountss

Note: These instructions will be changing!!

You can fetch messages up to five external POP3 accounts. Follow these steps:

- 1 From a message list, press **MENU** and select **Settings**.
- 2 Select **Email accounts**. The accounts screen opens.
- 3 Select **Add email account**.
- 4 Type your email address in the box, then select **Add account**.
- 5 On the screen that appears, type your password and edit the server and port information if necessary. At the bottom of the screen, select to:
 - Leave a copy of retrieved message on server
 - Use a secure connection (SSL) when retrieving email
 - Label incoming messages with your external account email address (e.g., gloria@example.com)
 - Send all incoming messages from this account directly to the archive (skip the Inbox)
- 6 Select **Add account**.
- 7 Once the account is verified, all the email stored in that account's Inbox will be delivered to your Gmail Inbox. You can identify the external account messages by the label (the email address) that is automatically applied to them, assuming you've selected to label incoming messages with your email

address in step On the screen that appears, type your password and edit the server and port information if ne above.

Read message/conversation screen

Compose new **MENU + c**

Go to previous
conversation **MENU + j**

Go to next conversation **MENU + k**

Reply **MENU + r**

Reply all **MENU + a**

Forward **MENU + f**

Archive conversation **MENU + y**

Mark as read/unread **MENU + u**

Label conversation **MENU + l**

Delete conversation **DEL**

Star conversation **MENU + 8**

Report as spam **MENU + 1**

Page up **SPACEBAR**

Page down **SHIFT +
SPACEBAR**

Compose screen


Send message **MENU + ENTER**

Edit subject **MENU + e**

Add attachment **MENU + n**

Google Talk

You can use Google Talk to send instant messages to your friends. All you need is a Gmail account and you're set up. To open Google Talk, press **HOME** and

select the IM icon . The IM accounts screen opens. You can hold as many conversations as you wish.

Your Google Talk Friends list

On the IM accounts screen, select **GTalk account**. Your Friends list appears. You can see and do the following from this screen:

Change your status Select your name (at the top of the list) to reveal the status menu. Type a custom status or select one of the defaults, then select **Set**.






View your friends In the list, friends are sorted first by their status:

- active chats
- online
- away
- invisible
- offline

Within the status groupings, friends are listed in alphabetical order, A-Z.

Show all or just "most popular" By default, only the friends that you communicate with most often – the "most popular" – are on the Friends list. If you want to display all your friends, press **MENU** and select **All friends**. To switch back to the most popular

view, press **MENU** and select **Most popular**.

- View friend status** To the left of a friend's name, you can see their online status in the upper-right corner of their icon:
-  – Available
 -  – Idle
 -  – Away
 -  – Invisible
 -  – Offline
- Find a friend** From the Friends list, start typing to filter your list to show only friends with names that match what you type.
- Block a friend**
- 1 From the Friends list, press & hold the friend's name to open the context menu.
 - 2 Select **Block friend**.
 - 3 Now the friend cannot send you messages and they are removed from your Friends list. They appear on the blocked friends screen.
 - 4 To unblock, from the Friends list, press **MENU** and select **Blocked friends**. Select the name of the friend you want to unblock and then confirm.
- Pin/unpin a friend** To pin a friend is to make sure that friend always appears in your "most popular" list.
- 1 From the Friends list, press & hold the friend's name to open the context menu.

2 Select **Pin friend** or **Unpin friend**, as appropriate.

Show/hide a friend



To hide a friend is to never show the friend on the "most popular" list.

1 From the Friends list, press & hold the friend's name to open the context menu.

2 Select **Show friend** or **Hide friend**, as appropriate.

View chat status

From the Friends list:

- If you have a new instant message, you will see  to the left of the friend's name. Select the friend's name to open the chat.
- If you have an active chat but no new message, you will see  to the left of the friend's name.

Switch between active chats

If you have more than one chat going, you can switch between them by sliding your fingertip horizontally on the screen. Your chats all appear in a menu; select the chat you want to join. You can also press **MENU** and select **Switch chats**.

Close a chat

From your Friends list, press & hold a friend with an active chat to open the context menu. Select **Close chat**.

Add a friend to your Friends list

- 1 From the Friends list, press **MENU** and select **Add friend**.
- 2 You can add a friend stored in your Contacts application, or invite a new friend.
 - If you add from your Contacts, select a contact from the list.
 - If you add a new friend, complete the information required on the Invite screen and select **Invite**.

View invites

- 1 From the Friends list, press **MENU** and select **Invites**.
- 2 All chat invitations you've sent or have received are listed on the pending invitations screen.
- 3 To accept a pending invitation, select it. Choose to **Accept** or **Decline**.
- 4 When someone you invite to chat accepts, the pending invitation disappears from the list.

Chat

To start a chat, select a friend from the Friends list. The chat window opens. From here you can:

Start a chat

- 1 Type your message using the keyboard.
- 2 To insert a smiley:
 - Press **MENU** and select **Insert smiley**. The character smiley appears.
 - Select a smiley from the list.
 - When ready, select **Send** or press **ENTER**. (You can also just type the characters rather than selecting from the menu.)

3 When ready, select **Send** or press **ENTER**.

Note: In the chat window, after every 1 minute of inactivity, a timestamp appears.

Start a group chat

You can invite more friends to chat from an existing chat window:

1 Press **MENU** and select **Add friend to chat**.

2 Select the additional friend to invite.

3 When the additional friend joins, a notification that the chat is now a “group chat” appears in the chat window for all participants to see.

Close chat

To close the current chat, press **MENU** and select **Close chat**.

Start a group chat

While in a chat with a friend, if you want to block them from contacting in the future, press **MENU** and select **Block friend**.


Sign in automatically

If you want to sign in to your Google Talk account automatically every time you power on your device, make this setting:

- 1 From the Friends list, press **MENU** and select **More**, then select **Settings** from the menu that opens.
- 2 Select the **Automatically sign in** check box.
- 3 Press **BACK** to save your setting.

Set new message notifications

You can receive a notification each time you receive a new instant message:

- 1 From a Friends list, press **MENU** and select **Settings**.
- 2 Select the **IM notifications** check box to receive a notification  in the status bar when a new message arrives.
- 3 If you want your device to ring when a new message arrives, select that check box as well. Select **Ringtone** to open the ringtone menu and select a ringtone specific to new IM notifications. Note that when you check a ringtone, it plays briefly.

Sign out

To sign out, from the Friends list, press **MENU** and select **More > Sign out**.

Add other IM accounts

If you have another instant messaging account and if it is available on your device, you can add it to your list of accounts and use your device to chat with those friends as well:

- 1 Go to the IM accounts screen. **Tip:** If you are viewing your Friends list, a chat screen, or another screen in the IM application, simply press & hold **BACK** to return to the IM accounts screen.
- 2 Select the account type you want to add. The sign-in screen appears.
- 3 Type your username and password. Select the **Keep me signed in** check box if you want.
- 4 Select **Sign in**.

5 Your Friends list appears.


Note: If your IM account displays friends in groups, each group will appear in a collapsible group “header”. Select the header to open the list within; select again to close.

IM shortcuts

Start chat	ENTER
Remove friend from list	DEL
Edit online status	MENU + e
Add new friend	MENU + n
End current chat	MENU + q
Go to Settings	MENU + p
Switch between chats	Slide finger horizontally across screen to open active chat menu

SMS and MMS messaging

To open the SMS & MMS Messaging application, press **HOME** and select the

Messaging icon  .

About text and multimedia messages

SMS messages are also known as “text” messages and can each be around 160 characters. If you continue to type after the limit is reached, your message will be delivered as one, but count as more than one message. (These are called “concatenated” messages.)

MMS messages are also known as “multimedia” or “picture” messages and can contain text, picture, audio, and video files.

When you compose a message, the device will automatically convert a text message into a multimedia message as soon as you add a second recipient, a subject, or an attachment.

The message list

Like Gmail, text and multimedia messages are grouped with the replies you receive into “conversations” or message threads. Message threads are listed in order of when you received them (newest at the top). To open a thread for reading, select it. Read more below. Unread messages appear with a green band on the left.

The Read view

Select a message thread in the list to open it for reading. When open, the individual messages appear stacked on the screen, much like with instant messaging conversations (or chats). Note that messages you send are also listed in the Read view.

Reply to a message

- 1 Simply start typing your message in the text box at the bottom of the screen to reply to a message.
- 2 You can always press **MENU** and select to add more recipients, a subject, or an attachment to convert it to a multimedia message.
- 3 Select **Send** or press **ENTER** when ready.

Links in messages

If a message contains a link to a Web page, it will be selectable. To view the Web page in the Browser, simply select it.

Mark message as read/unread

(Unread messages are shown with a green band on the left.)


- 1 From the message list, press & hold the message to open the context menu.
- 2 Select **Mark read/Mark unread** as appropriate.

Delete messages

Your messages will be saved until you explicitly delete them.

- **Delete one message in a thread** – With the message thread open in Read view, press & hold the individual message you want to delete to open the context menu. Select **Delete message**.
- **Delete all messages in a thread** – With the message thread open in Read view, press **MENU** and select **More > Delete** entire thread. You can also delete an entire thread from the message list by pressing & holding the thread to open the context menu, then selecting **Delete**.
- **Delete all message threads** – From the message list, press **MENU** and select **Delete all threads**.

Delivery problems

If a message you sent appears with this icon  on the right, there was a delivery problem. Press & hold the message to open the context menu. You can edit, retry sending, or delete the message.

To see all your undelivered messages (assuming there is at least one), from the message list, press **MENU** and select **Undelivered messages**.

View message details

To view details about a particular message, in the Read view, press & hold the message to open the context menu. Select **View message details**.

View message delivery report

If a message contains a delivery report (you would have requested it in Settings) you can read it in the Read view. Press & hold the message to open the context menu. Select View delivery report. Read more about delivery reports in Text and multimedia message settings

Compose text and multimedia messages

- 1 Press **MENU** and select **New message**. The compose screen opens.
- 2 Add recipients by typing a name or address in the To field. Matching contacts will appear. Select the recipient or continue typing the address. (If you add more than one recipient, the message will convert to a multimedia message.) Add as many recipients as you wish.
- 3 To add a subject, press **MENU** and select **Add subject**. (If you add a subject, the message will convert to a multimedia message.)
- 4 To add an attachment, press **MENU** and select **Attach**. Select an audio, picture, or video file. You can also select to take a new picture to attach or record a “voice note”. To remove an attachment, select the attachment’s Remove button. (Adding an attachment will convert the message to a multimedia message.)
- 5 Type your message. As you type, you’ll be able to track how many characters/messages you’re creating. Remember that text messages have a limit around 160 characters. Once you go over that limit, a new message is actually created but automatically joined into one when received.
- 6 Select **Send** or press **ENTER** when ready. You can also save a draft. Read more below.
- 7 As your message sends, progress displays in the title bar.

Save message as draft

- 1 While composing, press **BACK**.
- 2 Your message automatically saves as a draft.
- 3 To resume composing, in the message list, press & hold the message and select **Edit**.

Text and multimedia message settings

To set text and multimedia message preferences, from the message list, press **MENU** and select **Settings**. You can set the following from this screen:

Notification settings

New message notifications

You can receive a notification each time you receive a new message:

- 1 From a message list, press **MENU** and select **Settings**.
- 2 Select the **Notifications** check box to receive a notification (📄 for text, 📺 for multimedia) in the status bar when a new message arrives.
- 3 If you want your device to ring when a new message arrives, select that check box as well. Select **Ringtone** to open the ringtone menu and select a ringtone specific to new text and multimedia message notifications. Note that when you check a ringtone, it plays briefly.

Text message settings

Delivery reports

To receive a report on the delivery status of your message, turn this setting **ON**. Status can be:

- Successful delivery
- Temporary delivery failure; an attempt to deliver will be made again
- Unsuccessful delivery; no attempt to re-deliver will be made

Manage messages on SIM card

Text messages can also be stored on your SIM card. The exact number depends on your card, but it is usually around 25–50. To view messages on your SIM card, delete them, and copy them to your device memory, select this setting.

Multimedia message settings

Delivery reports	To receive a report on the delivery status of your message, turn this setting ON . Status can be: <ul style="list-style-type: none">• Successful delivery• Temporary delivery failure; an attempt to deliver will be made again• Unsuccessful delivery, where no attempt to re-deliver will be made
Read reports	To receive a report on whether each recipient has read or deleted the message without reading it, turn this setting ON .

Text & multimedia messaging shortcuts

Message list

Compose new **MENU + n**

Search **MENU + s**

Go to settings **MENU + p**

Read & reply highlighted **ENTER**

Open previous message **MENU + j**

Open next message **MENU + k**

Compose view

Edit recipients **MENU + e**

Discard message MENU + q

Read view

Mark as read/unread MENU + u

Undelivered message view

Retry sending all MENU + r

Edit highlighted MENU + e

Delete highlighted DEL

Browser

About the Browser

To open the Browser, press **HOME** and select the Browser icon  .


The Browser always opens to your home page. You can change your home page by pressing **MENU** and selecting **More > Settings > Set home page**. To go home from any Web site, press **MENU + ENTER** key.

Zoom and navigation in Web pages

While viewing a Web page, take advantage of the following zoom and navigation techniques:


Zoom in

There are a couple ways you can zoom in:

- Touch the screen to open the zoom-in and zoom-out controls  . Tap the **+** control to zoom in. With each tap you zoom in closer. (You can also open the zoom controls from the menu: Press **MENU** and select **More > Settings > Zoom**.)
- Tap the screen twice in a pattern: first tap near the bottom of the screen and then tap again near the top of the screen. The zoom point is the mid-point of your two taps.

Zoom out

There are a couple ways you can zoom out:

- Touch the screen to open the zoom-in and zoom-out controls . Tap the – control to zoom out. With each tap you zoom out further. (You can also open the zoom controls from the menu: Press **MENU** and select **More > Settings > Zoom.**)
- Tap the screen twice in a pattern: first tap near the top of the screen and then tap again near the bottom of the screen. The zoom point is the mid-point of your two taps.

Navigate

- Roll the **TRACKBALL** in any direction to shift your page view.
- Slide your fingertip in any direction to shift your page view.

The browse screen

From the browse screen you can do the following:

Go to a Web page

- 1 Make sure the focus is **not** on a text box and then start typing the URL.
- 2 The Go to window opens. Possible matches appear in the drop-down menu. Select a match or continue typing the URL.
- 3 Press **ENTER** to go to the page.


Navigate within pages

You can navigate on a Web page in a variety of ways:

- To navigate on a Web page, slide your fingertip on the screen, generally in the opposite direction that you want to view.
- To traverse a Web page by jumping from link to link, roll the **TRACKBALL** to navigate.
- To enter “scale & scroll” mode, tap the screen twice or click the **TRACKBALL** twice. Move the magnifying box to the part of the page you want to view, then tap the box or click the **TRACKBALL**. (Read more in "Scale & scroll" on page 18.)

Zoom in/out

You can zoom in/out on a Web page in a variety of ways:

- Press **MENU** and select **More > Settings > Zoom** to open the zoom controls: . Press the + magnifier to zoom in; press the – magnifier to zoom out.
- If you're on a page with contents that don't fit completely within the screen, the zoom controls will appear when you touch the screen.
- Zoom in by tapping twice on the screen in a pattern: first tap the bottom of the screen, then tap the top.
- Zoom out by tapping twice on the screen in a pattern: first tap toward the top of the screen, then tap the bottom.

Add a bookmark

Bookmark the Web page you are currently viewing:

- 1 Press **MENU** and select **Bookmarks**.
- 2 From the bookmarks screen, select **New bookmark**.
- 3 Confirm the URL and name, then select **OK**.

Bookmark a highlighted link on a Web page:

- 1 Press & hold the **TRACKBALL** to open the context menu.
- 2 Select **Bookmark link**.

To view all your bookmarks, press **MENU** and select **Bookmarks**.

Find text on a Web page

- 1 Press **MENU** and select **More > Find** to open the Find window. You can also press **MENU + f** as a shortcut.
- 2 Type the word(s) you want to find in the text box, then select **OK**.
- 3 The number of matches appears in the window and all matches are highlighted in yellow.
- 4 To step through the matches, use the **Prev** and **Next** buttons in the Find window.
- 5 To dismiss the Find window, press **BACK**.

Refresh a Web page

To refresh the contents of the current page, press **MENU** and select **Refresh**.

Open pages in landscape or portrait orientation

To set a persistent landscape orientation of your screen when viewing Web pages, press **MENU** and select **More > Flip orientation**. The orientation is set to the that opposite your current view. When set to landscape, the orientation will remain even when you reveal the keyboard.

Open pages in separate windows

You can keep more than one Web page open by using multiple windows to display the pages. You can open up to eight windows.

Open a new window

- 1 From a Web page, press **MENU** and select **Windows**. The current windows screen opens, showing the Web page you started from, plus a “new window”.
- 2 Select **New window**.
- 3 Your home page opens in a new window. From here you can navigate to any page you want and it will display in this window, until you explicitly close it.

Close a window

- 1 Press **MENU** and select **Windows**.
- 2 Press & hold the window you want to close. The context menu opens.
- 3 Select **Close**.

Bookmark the page displayed in a window

- 1 Press **MENU** and select **Windows**.
- 2 Press & hold the window whose page you want to bookmark. The context menu opens.
- 3 Select **Bookmark**.

- 4 Confirm the URL and name, then select **OK**.

Manage bookmarks

You can store as many bookmarks as you want on your device.

- Bookmark any page**
- 1 Press **MENU** and select **Bookmarks**. The bookmarks screen opens.
 - 2 Select **New bookmark**.
 - 3 Type a name and location (URL) in the dialog box.
 - 4 Select **OK**.
- Send bookmarked page's URL**
- 1 Press **MENU** and select **Bookmarks**. The bookmarks screen opens.
 - 2 Press & hold the bookmark you want to send. The context menu opens.
 - 3 Select **Send URL**.
 - 4 An email compose screen opens with the URL as the message.
 - 5 Address your message and finish composing.
 - 6 Select **Send** or press **ENTER**.

- Set bookmarked page as Home**
- 1 Press **MENU** and select **Bookmarks**. The bookmarks screen opens.
 - 2 Press & hold the bookmark you want to save as your home page. The context menu opens.
 - 3 Select **Set as home page**.
 - 4 Your home page is updated immediately.
- View bookmarked page**
- 1 Press **MENU** and select **Bookmarks**. The bookmarks screen opens.
 - 2 Press & hold the bookmark you want to open. The context menu opens.
 - 3 Select **View page** or **Open in new window**.
- Edit bookmark**
- 1 Press **MENU** and select **Bookmarks**. The bookmarks screen opens.
 - 2 Press & hold the bookmark you want to edit. The context menu opens.
 - 3 Select **Edit bookmark**. The edit bookmark dialog box opens.
 - 4 Type your change and select **OK**.
- Delete a bookmark**
- 1 Press **MENU** and select **Bookmarks**. The bookmarks screen opens.
 - 2 Press & hold the bookmark you want to send. The context menu opens.
 - 3 Select **Delete bookmark**. You will be asked to confirm.

- Delete all bookmarks**
- 1 Press **MENU** and select **Bookmarks**. The bookmarks screen opens.
 - 2 Press **MENU** and select **Delete all**. You will be asked to confirm.

Set your home page

You can set your home page from a couple of places in the Browser:

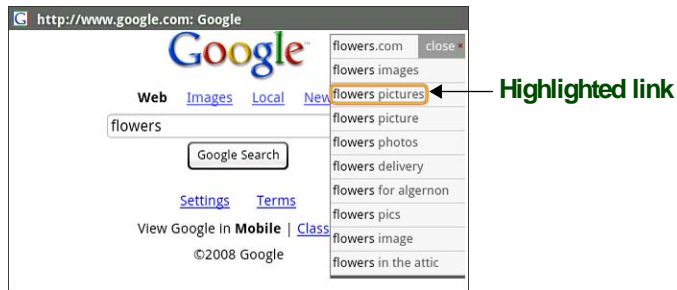
- From settings**
- 1 If you want, first go to the Web page you want to set as your home page.
 - 2 Press **MENU** and select **More > Settings**. The settings screen opens.
 - 3 In the **Page content** section, select **Set as home page** to open the dialog box.
 - 4 If you are already on the page you want to be your new home, the URL is already entered so simply select **OK**. Otherwise, type the URL of the page you want to set as home, then select **OK**.

- From your bookmarks screen**
- 1 Press **MENU** and select **Bookmarks**. The bookmarks screen opens.
 - 2 Press & hold the bookmarked page you want to set as home. The context menu opens.
 - 3 Select **Set as home page**.

The shortcut to go to your home page is **MENU** + **ENTER**. You can also press **MENU** and select **More > Home page**.

Links in Web pages

Navigate the links on a page using the **TRACKBALL**. Links are outlined in yellow



when highlighted.

To go to a link, highlight the link using the **TRACKBALL** or by touching the screen, then select the link by clicking the **TRACKBALL** or by touching it again with your fingertip.

Tip: When links are too small to press directly on the screen, highlight the link with the **TRACKBALL**, then either click the **TRACKBALL** to open the link, or press & hold the **TRACKBALL** to open the link's context menu.

URLs

- Select a link to jump to the URL.
- Press & hold a link to open the context menu and:
 - Open link in new window
 - Bookmark the link
 - Copy the link to the clipboard
 - Share link via email

- Phone numbers** Select a linked phone number to:
- Call the number – The Dialer opens, ready for you to send the call.
 - Add the number to your contact list – Opens new contact screen for you to complete and save.

- Email addresses** Select a linked email address to:
- Send an email – Opens an email compose screen with the email address added for you to complete and send.
 - Add the email to your contacts list – Opens a new contact screen for you to complete and save.
 - Map the address.

Browser history

The history screen lists the last 250 sites you've visited on the Web. To view your Web site history:

- From the browser screen, press **MENU** and select **More > History**, or
- Press **MENU + h**.

Select a Web site from the list that appears to go to the site.

Download Web applications

To download Web applications, you must first enable downloading from the Home settings screen:

- 1 Press **HOME**, then press **MENU** and select **Settings**.

- 2 Scroll to the Application section and select **Unknown sources** to turn the setting **ON**.
- 3 You will now be able to download to your device applications from the Web.

Warning! Applications downloaded from the Web can be from unknown sources. To protect your device and personal data, only download applications from sources you trust, such as "Android Market" on page 97.

View your downloads

To see which applications you've downloaded:

- 1 From the browse screen, press **MENU** and select **More > View downloads**.
- 2 The Download history screen appears with the list of downloads. If you have no downloads, nothing will be shown on this screen.

Browser settings

To set Browser preferences, from the Browser screen, press **MENU** and select **More > Settings**.

Page content settings

Load images	Select this check box if you want images on Web pages to load. For faster page loading, clear this check box.
Block pop-up windows	Select this check box if you want pop-up windows to be blocked.
Enable JavaScript	Select to enable JavaScript on pages. Disabling JavaScript may cause some Web pages to not work properly.

Open in background Select if you want links to new pages to open in a new window in the background.

Text size Select to open the **Text size** menu. Default setting is **Normal**, but you can increase the size to **Larger** or **Largest**, or decrease to **Smaller** or **Smallest**. Note that this text size setting only affects pages you view through the Browser.

Set home page Your currently-set home page is shown on the settings screen. To change your home, select **Set home page**, type the URL for your home page, then select **OK**.

Privacy settings Select one of the privacy settings to clear the following:

- browser cache
- stored cookies
- Browser page-visited history
- saved form data
- saved passwords

Security settings

Remember passwords Select this check box to save usernames and passwords to various Web sites.

Remember form data Select this check box if you want the Browser to remember text you have typed in forms, so that you

can select the same text later rather than retyping it.

Show security warning Select this check box if you want a warning to be displayed when you are going to an insecure Web site.

Accept cookies Select this check box if you want the Browser to save cookies. Some Web sites might not work properly with cookies disabled.

Extras

Plugins Select to enable browser plugins and view any plugins that are installed.

Reset settings Select if you want to reset all Browser settings to factory default values, except for your home page.

Browser shortcuts

Browse screen

Open Go to window	MENU + s
Open Bookmarks	MENU + b
Open Windows	MENU + w
View history	MENU + h
Refresh or stop page	MENU + r
Go back a page	MENU + j
Go forward a page	MENU + k
Find on page	MENU + f
Go to home page	MENU + ENTER
Zoom in	MENU + i
Zoom out	MENU + o
Go to Settings	MENU + p
Page down	SPACEBAR
Page up	SHIFT + SPACEBAR

Windows screen

New window	MENU + n
------------	-----------------

History	MENU + h
---------	-----------------


View highlighted bookmark	ENTER
------------------------------	--------------

Open Bookmarks	MENU + b
----------------	-----------------

Close highlighted window	MENU + q
--------------------------	-----------------

Maps

About Maps



To open Maps, press **HOME** and select the Maps icon  .

Maps opens by default in “Map mode”. To read more about the different map modes, read [Select map mode](#)

.

Zoom and navigation in maps

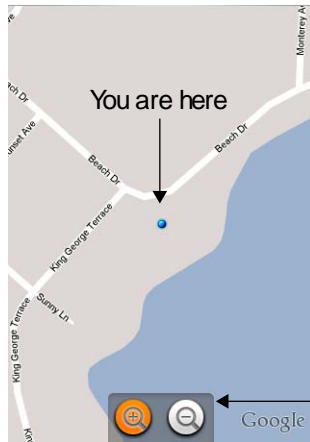
While viewing a map, take advantage of the following zoom and navigation techniques:

- Zoom in**
- Touch the screen to open the zoom-in and zoom-out controls . Tap the + control to zoom in. With each tap you zoom in closer.
 - Tap the screen twice in a pattern: first tap near the bottom of the screen and then tap again near the top of the screen. The zoom point is the mid-point of your two taps.
- Zoom out**
- Touch the screen to open the zoom-in and zoom-out controls . Tap the - control to zoom out. With each tap you zoom out further.
 - Tap the screen twice in a pattern: first tap near the top of the screen and then tap again near the bottom of the screen. The zoom point is the mid-point of your two taps.
- Navigate**
- Roll the **TRACKBALL** in any direction to shift your map view.
 - Slide your fingertip in any direction to shift your map view.

Find your location

- 1 Make sure you have enabled a “location source” in global Settings by doing the following:
 - Press **HOME**, then press **MENU** and select **Settings**.
 - Scroll to Basic settings and select **My Location**.
 - Select either **Wireless networks** or **GPS satellites**, or both.
- 2 From the main map screen, press **MENU** and select **My Location**.

- 3 Your location is shown on the map as a blue circle.



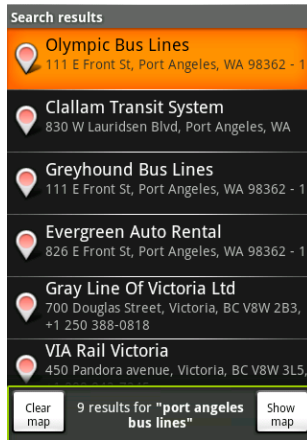
Tap low, then high to zoom in
Tap high, then low to zoom out

Touch the screen to open zoom controls

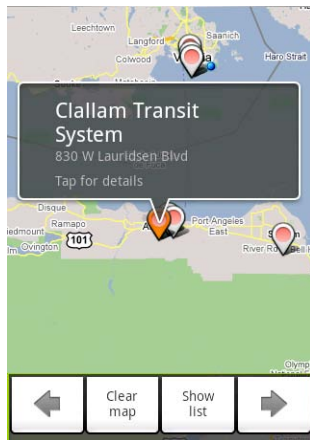
Find any location

- 1 From the main map screen, press **MENU** and select **Search**.
- 2 You can use a variety of search criteria in the search box:
 - Type an address.
 - Type a city and type of business (e.g., port angeles bus lines).
 - Select an address you've visited before in Maps from the drop-down menu (stored in History).

3 Select **GO** when ready. Your search results display.



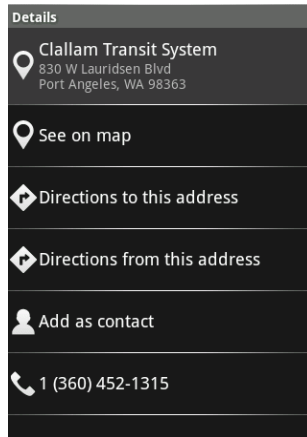
4 Select **Show map** to see the highlighted result on a



map.

Select the right/left arrow, or roll the **TRACKBALL** left/right to display the location of the previous/next result. The previously-mapped result displays as well.

- 5 Tap the result balloon to open the location's details.



In addition to seeing details about the location, from this screen you can:

- See the location on the map
- Get directions to the address
- Get directions from this address to another location
- Add location to your Contacts
- Dial the number

Get directions

To get detailed directions to a location, do the following:

- 1 From the main map screen, press **MENU** and select **Directions**.
- 2 Enter the starting point in the first box. You can type an address, or select **+** to open the location source menu. Select from:

My current location – Remember to have GPS enabled. (Read how in Find your location

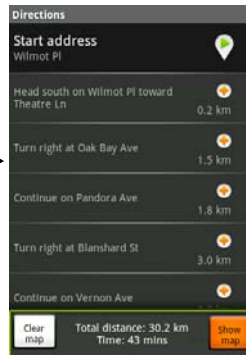
- .)

- **Contacts** – Opens a list of the contacts you’ve stored with a physical address.
 - **History** – Opens a menu of places you’ve visited.
- 3** Enter your destination in the second box. You can type an address or select **+** to select from the location source menu.
 - 4** Select **Show directions**. You can choose to view your directions in a list, or you can select Show map, to view the same directions overlaid on a

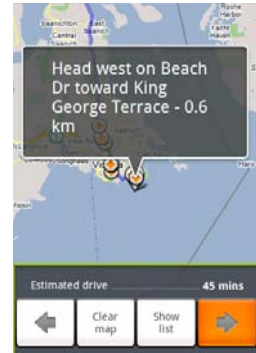
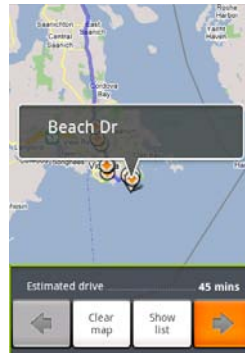
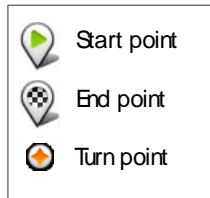
map.



Directions appear in a list →



Select **Show map** to display directions in map view



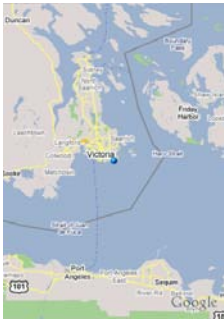
Select the arrows to step through or repeat directions

- 5 When finished reading or following the directions, select **Clear map**. Your destination is saved in History.

Select map mode

Whenever you are viewing a map, you can switch your view. Press **MENU** and select **Map mode** to select from **Map**, **Satellite**, **Traffic**, or **Street view**.

Map
view



Satellite
view



Traffic
view



Street
view



Map view

This is the default view and displays a map, complete with names of streets, rivers, lakes, mountains, parks, and boundaries.

Satellite view

Maps uses the same satellite data as Google Earth. Satellite images are not real-time. Google Earth acquires the best imagery available, most of which is approximately one to three years old.

Traffic view

If available in your area, real-time traffic conditions are displayed over the highway as color-coded lines. Each color represents how fast the traffic is moving:

Green > 50 mph

Yellow 25 – 50 mph

W

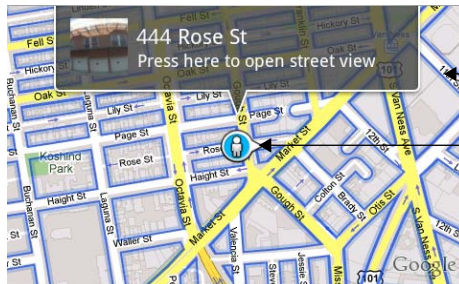
Red < 25 mph

Gray Speed not available

Street view

In some areas, a “street view” is available. Street view imagery is not real-time but is gathered by vehicles equipped with advanced imaging technology, driving on public streets. The imagery consists of a combination of Google-owned data and data obtained from partners.

In order to use the street view, the map must display blue outlined




Blue outlined street


Person icon that marks your street position

streets.

Tap the message to enter street view. To move your position, drag the person icon that marks your spot. While in street view, your device uses a compass to orient your view automatically as you turn.

Map history

To open the history screen, press **MENU** and select **More > Search history**, or press **MENU + h**. This screen lists all recent searches and viewed positions , and

directions . Selecting an item

opens it up on the map.

Map shortcuts

Map screen

Directions	MENU + d
Select map mode	MENU + m
History	MENU + h
My Location	MENU + 0 (zero)
Go to Settings	MENU + p
Zoom in	MENU + i
Zoom out	MENU + o
Jump to top/bottom of list	ALT + roll TRACKBALL

Search results screen

Clear search	MENU + q
--------------	----------

Previous result	MENU + j
-----------------	----------

Next result	MENU + k
-------------	----------

Directions screen

Prev direction point	MENU + j
----------------------	----------

Next direction point	MENU + k
----------------------	----------

Cancel directions	MENU + q
-------------------	----------



Route	MENU + r
-------	----------

Edit route	MENU + e
------------	----------

Dialer & Voice Dialer

About the dialers

You can use your device to make phone calls by using either the Dialer or the Voice Dialer:

- To dial a number using the on-screen dial pad or the keyboard, press **CALL**, or press **HOME** and select the Dialer icon  .
- To dial by speaking either a number or contact name, press & hold **CALL**, or press **HOME** and select the Voice Dialer icon  .

Bluetooth devices

You can place and receive calls using a hands-free Bluetooth headset or hands-free car kit. Before you can use your Bluetooth device, follow these steps:

- 1 Turn Bluetooth “on”. (Read more in "Turn on Bluetooth services" on page 20.)
- 2 Get your headset or hands-free car device ready for pairing by following the manufacturer's instructions.
- 3 Pair and connect your device to the Bluetooth headset or car kit. (Read more in "Pair & connect with Bluetooth devices" on page 21.)
- 4 You are ready to use your headset or car kit to place and receive calls.



Make a call by dialing

- 1 From anywhere on your device, press **CALL** to open the



Dialer.

- 2 You have several choices for “dialing” the phone to place a call:

Dialer tab Touch the on-screen dial pad to enter a number, or open the display to type using the keyboard number keys. If using the dial pad, select  to delete numbers you’ve entered. Press & hold  to delete all the numbers in the field.

Call log tab

Select an entry listed in the log to call the number. Read more in Call log


Contacts tab Contacts with phone numbers are listed. Select a contact, then select the phone number to dial the call. Read more in "Contacts" on page 28.

Favorites tab Favorite contacts with phone numbers are listed. Select a favorite, then select the phone number to dial the call. Read more in "Assign favorites" on page 30.

2

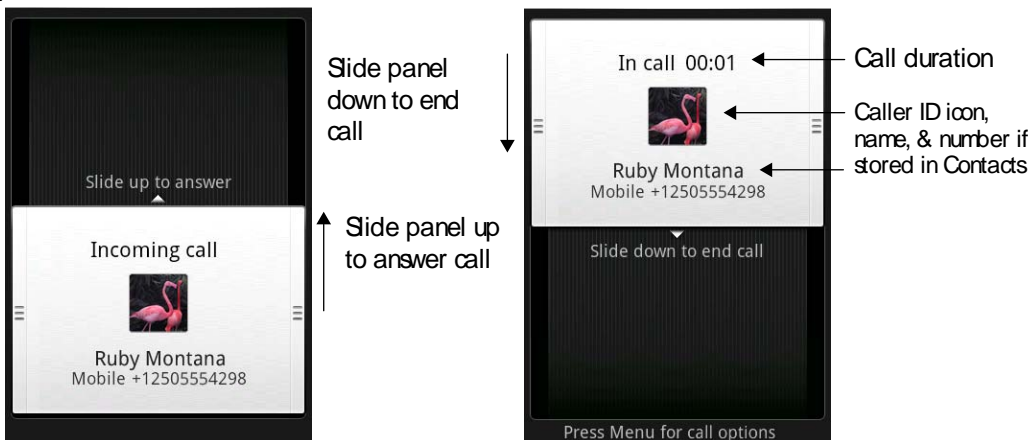
Make a call by speaking

You can call a number by opening the Voice Dialer and speaking:

- 1 Press & hold **CALL**, or press **HOME** and select the Voice Dialer icon .
- 2 Wait until you hear a tone and the Voice Dialer reports on the screen that it is "listening".
- 3 Tell your device to "Call *number*", or "Call *name*". If you are speaking a name and more than one match is found in Contacts, you will be asked to choose one from a menu. Your call will be placed.

Answer a call

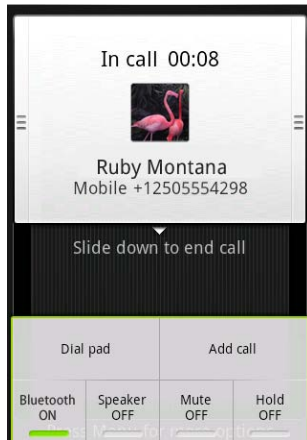
To answer a call, simply press **CALL** or slide up the incoming call panel.



If you want to send the call directly to voicemail, press the **END CALL**.

In-call options

While on a call, press **MENU** to reveal the in-call options: Speaker, Mute, and Hold. Note that if Bluetooth services are on, the menu indicator will show



Bluetooth ON.

Speaker



To use the speaker, press **MENU** and select **Speaker** so it reads **ON**.

To turn it off, select it again so it reads **OFF**.

Mute



To mute your side of the conversation, press **MENU** and select **Mute** so it reads **ON**.

To un-mute, select it again so it reads **OFF**.

Note: You must un-mute the microphone before you can put the call on hold.

Hold



To put an active call on hold, press **MENU** and select **Hold** so it reads **ON**.

To resume, or take the call off hold, select it again so it reads **OFF**. If you take a call while already on a call, the first call will be placed on hold automatically.

Note: You must take a call off hold before you can mute the microphone.

Show dial pad

If you need to enter numbers while on a call (such as to enter menu options) and want to use the on-screen dial pad, press **MENU** and select **Dial pad**.

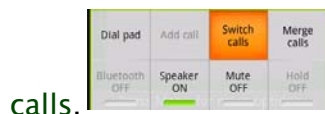
Multiple calls

Incoming call during current call

If you are on a call (“current call”) when another call comes in (“incoming call”), you have a few choices:

Answer incoming, put current on hold The incoming call will display in the foreground. Press **CALL** to answer the incoming call and place the current call on hold.

To switch calls at any time, press **MENU** and select **Switch**



Send incoming to voicemail If you don’t want to interrupt your current call, then press **END CALL**. The incoming call is sent to voicemail.

Answer incoming, end current To end the current call and answer the incoming, press **MENU** and select **Answer incoming, end current**.

If you are on a call with a second call on hold when another call comes in, you can:

- Press **CALL** to end the current call and answer the incoming call (call on hold remains on hold).
- Press **END CALL** to send incoming call to voicemail and continue current call (call on hold remains on hold).

End all calls

If you have one active call and one caller on hold, to end both calls, slide the in-call panel down.

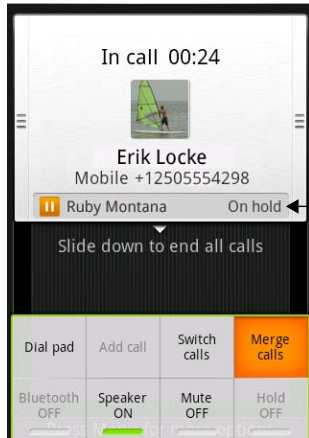
Conference calling

While on a call, you can conference up to six callers (counting yourself). Note that you can also have an additional caller on hold during a conference call, regardless of how many participants are on the conference.

Dial the first conference participant as instructed in Make a call by dialing

- 1 .
- 2 Press **CALL** to return to the Dialer to call your next participant. (Once you press **CALL**, the current call is put on hold.)

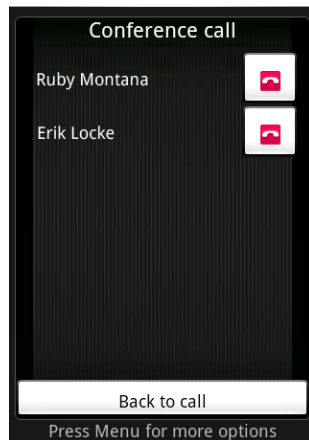
- When your new caller is on the line, press **MENU** and select **Merge**



After selecting **Merge calls** the first call is put on hold

calls.

- The conference begins. To add more callers, repeat steps Press and When your new caller is on the line, press , up to a total of six participants.
- If you want to drop any of the callers from the conference, press **MENU** and select **Manage conference**. The list of conference participants






appears.

- Select the caller(s) you want to drop (they are dropped when you select them), then select **Back to call**.
- To end the conference call and disconnect all callers, press the **END CALL** or slide the panel down.

Call log

The call log is one of the tabs on the Dialer. To open the call log, press the **CALL** button, then select the **Call log** tab.

The call log lists all incoming  and outgoing  calls, including missed  calls.

- To call any of the numbers in the list, simply select the name or number.
- To clear the entire call log, press **MENU** and select **Clear call log**.
- To clear one call log entry, press & hold the entry, then select **Remove from call log**.

If available, the online status of the contact associated with the number in the log will display. Read more about online status in "See contact's online status" on page 29.

Press & hold an entry to open the context menu and take these actions:

Call number	Select to start dialing this number.
View contact (if stored in Contacts)	Select to open the contact details screen.
Edit number before calling	Select to open the dialer with this number prepopulated and ready for edit.
Send text message	Select to open a text message compose window, with the message already addressed to this caller.
Remove from call log	Select to remove only this entry from the call log.

Call settings

To edit your call settings, open the Home settings screen:

- 1 Press **HOME**, then press **MENU** and select **Settings**.
- 2 In the Mobile network section, select **Call settings**.
- 3 Wait a few moments while your current call settings are fetched from the service.
- 4 The following settings are available:

- | | |
|--------------------------|---|
| Fixed Dial | Select this setting to manage your FDN list of numbers. |
| Number (FDN) list | When you enable FDN, you can only call numbers are stored on your SIM card. To add numbers to your SIM card: <ol style="list-style-type: none">1 Enable FDN. You must type your PIN2 to enable FDN. (This number is provided by your wireless operator.)2 Select Manage FDN list. If you have no numbers on your SIM card, then press MENU and select Add contact.3 Type the name and phone number in the fields, then select Save. You will be asked to type your PIN2 again.4 The FDN list now contains this name and number.5 To add another contact or edit/delete an existing contact in the list, press MENU and select the appropriate menu item. |

You can always change your PIN2 by selecting **Change PIN2**, but you must know your existing PIN2 before you can change it.

Voicemail Select this setting to set or change your voicemail number. Note that this number is usually set by your wireless operator and is stored on your SIM card.

Call forwarding Set the following:


- Always forward calls – Select to specify a forwarding number and to enable this feature. When this feature is ON, the following three features are disabled.
- Forward when busy – Select to enable this feature. When enabled, incoming calls are forwarded to voicemail when you are on a call.
- Forward when unanswered – Select to enable this feature. When enabled, incoming calls are forwarded to voicemail when unanswered.
- Forward when unreachable – Select to enable this feature. When enabled, calls are forwarded to voicemail if an incoming call cannot connect.

Additional call settings

- Display my number – When ON, your phone number and Caller ID picture will display to people you call (assuming the call recipient’s device supports this feature).
- Call waiting – When ON, if you are on a call, incoming calls will display; when OFF, incoming calls will be ignored. Note that the routing of the ignored call is determined by your Call forwarding setting.

Planning

Calendar

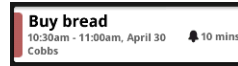
To open Calendar, press **HOME** and select the Calendar icon . The Calendar on your device stays in sync with your Google calendar events on the desktop.

About the Calendar views

Color coding

Because you can define view calendars on your device, each calendar is coded with a color-coded bar that displays on the left of an event block. (To create new

calendars, go to the Web client.)



Navigation

Roll the **TRACKBALL** right/left, or slide your fingertip right/left to move in larger time increments. Roll the **TRACKBALL** up/down or slide your fingertip up/down to move in smaller time increments.

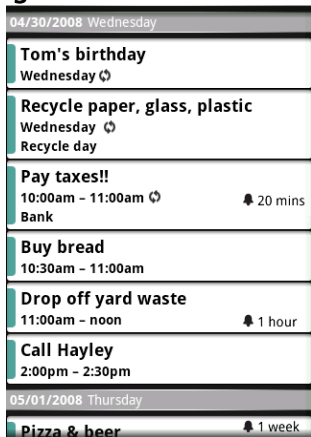
Event details quick view

In all but the Agenda view, highlighting an event opens a window in the lower part of the screen that gives you more details about the event.

Calendar views

You can view your calendar in a variety of ways. Press **MENU** to select a view:

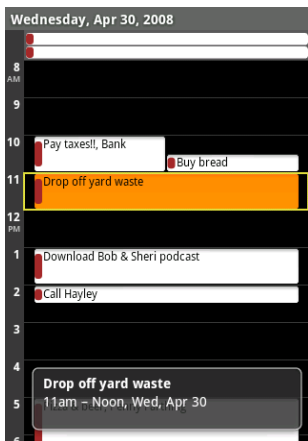
Agenda view



Events are shown vertically in a list, one event after the other. Days with no events are not displayed.

- **Recurring events** – Marked with ☺ icon following the date.
- **Edit an event** – First select the event to open the details view. Select **Edit** to change the reminder time; press **MENU** and select **Edit** to open the event for detailed editing.
- **Navigate within the current month** – Roll the **TRACKBALL** or slide your fingertip up/down.
- **Navigate to a past or future month** – Roll the **TRACKBALL** or slide your fingertip left/right.
- **Jump to current agenda** – Press **MENU** and select **Go to today**.

Day view

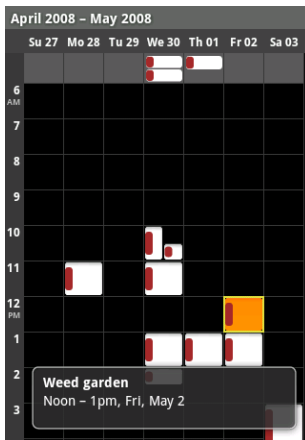


Days are divided into horizontal time slots (rows). Events are shown tiled and span the time they last. All-day events are displayed at the top of the day list.

- **View more details** – Highlight an event to open a details window in the lower part of the screen (see illustration).
- **Edit an event** – First select the event to open the details view. Select the **Edit** button to change the reminder time; press **MENU** and select **Edit** to open the event for detailed editing.
- **Navigate time slots within the current day** – Roll the **TRACKBALL** or slide your fingertip up/down.

- **Navigate to a past or future day** – Roll the **TRACKBALL** or slide your fingertip left/right.
- **Jump to current day** – Press **MENU** and select **Go to today**.

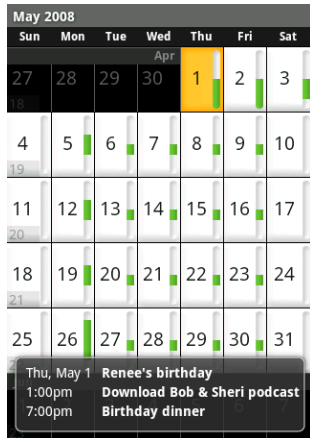
Week view




Days are shown vertically within the Week view. Time slots are defined horizontally in rows. Events are shown as blocks.

- **View more details** – Highlight an event to open a details window in the lower part of the screen (see illustration).
- **Edit an event** – First select it to open the details view. Select the **Edit** button to change the reminder time; press **MENU** and select **Edit** to open the event for detailed editing.
- **Navigate time slots within the current week** – Roll the **TRACKBALL** or slide your fingertip up/down.
- **Navigate to a past or future week** – Roll the **TRACKBALL** or slide your fingertip left/right.
- **Jump to current day** – Press **MENU** and select **Go to today**.

Month view



Days are shown in a month grid. Events are marked as green horizontal bars, noting the approximate time slot .

- **View more details** – Highlight an event to open a details window in the lower part of the screen (see illustration).
- **Edit an event** – First select a day to open the Day view for the data. Then select the event to open the details view. Select the **Edit** button to change the reminder time; press **MENU** and select **Edit** to open the event for detailed editing.
- **Navigate days and months** – Roll the **TRACKBALL** or slide your fingertip in the direction you want to view.
- **Jump to current day** – Press **MENU** and select **Go to today**.

Create an event

From any of the views, press **MENU** and select **New event** to open the new event details screen. Type the information in the fields.

← Name that appears in Day view

← Select date & time from the pop-up menus

← Description can be as long as you like

(Scroll down to see all fields ▼)



Hint: To scroll quickly, drag a selection box up or down with your fingertip

← Select a calendar if you display more than one

← Set a default reminder time in Calendar Settings

← Reminders are not required

+ Press **MENU** and select **Show extra options to set Presence and Privacy:**

← Set online presence: available or busy

← Select calendar privacy from Default (as defined when calendar was created), Private, or Public

Tip: Create an event quickly in the Day or Week view – Select an empty time slot. A new event details screen appears. The From field is filled with the selected time slot.

Edit an event

To edit an event, you must be viewing the event details and you must have created, or have write privileges, for the event.

- 1 Navigate to the event details as described in Calendar views.
- 2 Press **MENU** and select **Edit event**. If **Edit event** isn't an option, then you cannot make any changes to that particular event.
Note: If your event is recurring, you will be asked to choose which events you want changed (only the current one you're editing, all events in the series, or the current event plus future events).
- 3 Once you have finished your edits, select **Save**.

Go to today

From any view, to jump to the screen that shows "today", press **MENU** and select **Go to today**.

View calendars

If you have more than one calendar defined on the Web client of Google Calendar, then you select to view any number of these:

- 1 From any of the calendar views, press **MENU** and select **More > My calendars**.
- 2 All your calendars are show in a list.
- 3 Select the calendars you want to display on your device. To hide a calendar from display on your device, uncheck the calendar.

Calendar settings

General settings


Hide declined events

Select this check box if you want all the events you decline to be hidden from all calendar views.

Reminder settings

Alerts & notifications

Select to set the type of event reminder you want:

- **Alert** – A dialog box will appear to remind you of the event.
- **Status bar notification** – An icon  appears in the left-hand of the status bar.
- **Off** – You will receive no reminder.

Sound

Select this check box to have a ringtone play when you are reminded of your event.

Ringtone

Select **Ringtone** to open the ringtone menu and select a ringtone specific to new event notifications. Note that when you check a ringtone, it plays briefly.

Default reminder

Select to open the default reminder menu. Select a time that matches how far in advance of your event that the reminder is sent. The time you select will appear by default when you create a new event.

Calendar shortcuts

Calendar views

New event **MENU + n**

Go to today **MENU + t**

Agenda view **MENU + a**

Day view MENU + d

Week view MENU + w

Month view MENU + m

Go to Settings MENU + p

Open highlighted event
details ENTER

Edit highlighted event
details MENU + e

Remove highlighted event DEL

Event details screen

Add reminder MENU + r

Edit event details MENU + e

Delete event DEL

Edit event details screen


Add reminder MENU + r

Save MENU + enter

Discard edits MENU + q

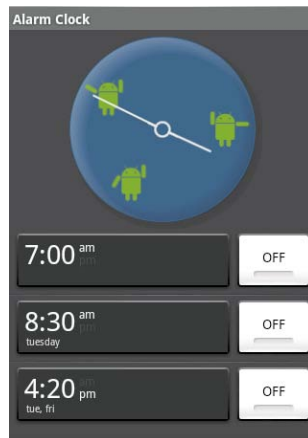
Delete event DEL

Alarm Clock

To open Alarm Clock, press **HOME** and select the Alarm Clock icon . The Alarm clock offers three recurring alarms.

Set an alarm

Three alarms are set up for you, ready to customize. All three alarms are turned



OFF by default.

To begin, select one of the default alarms to open Alarm settings.

Alarm Turn alarm ON or OFF, as you wish.

Alarm time The current time setting is shown. Select Alarm time to open the time selector. Scroll through each selection box to the setting you want, then select **Set**.

Tip: To scroll quickly, drag each selection box up or down slightly.

Alarm sound The current ringtone selection is shown. Select Alarm sound to pick another ringtone that will play when the alarm rings. Note that when you check a ringtone, it plays briefly.

Alarm vibrate Turn ON to have your device vibrate when it goes off.

Alarm repeat The current repeat selection is shown. To change the setting, select Alarm repeat to open the repeat menu. The option “Never” means your alarm will only go off once.

Set the following options:

Once your alarm goes off, you will receive an alert with the options to **Snooze** (for 10 minutes) or **Dismiss**.

Change clock display

You can change the appearance of the clock displayed on the main Alarm Clock screen:

- 4 Go to the Alarm Clock main screen.
- 5 Tap the clock with your fingertip to open the clock selection screen.
- 6 Slide your fingertip horizontally along the bottom clock face row and tap the face you want to display.


Change date & time display

You can change the format of the time displayed in your alarms from the global settings screen:

- 1 Go to the Alarm Clock main screen.

- 2 Press **MENU** and select **Date & time settings**. The global Date & time settings menu opens.
- 3 Use the network-provided values by turning Automatic ON.
- 4 Turn 24 hour format ON if you wish to use that rather than 12 hour format.
- 5 Select the **Set date format** option to open the menu of various date formats.

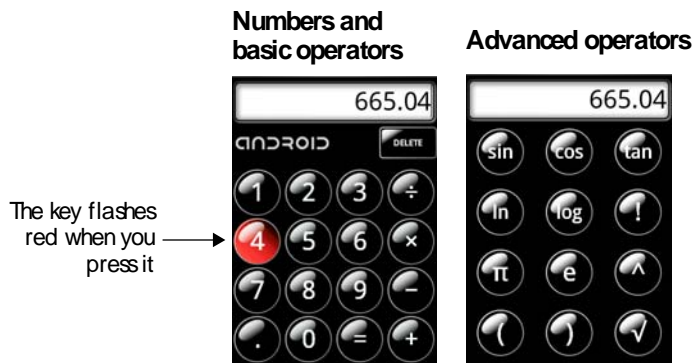
Calculator

To open Calculator, press **HOME** and select the Calculator icon .

The Calculator offers two panels: basic and advanced. Switch back and forth between panels by pressing **MENU** and selecting Advanced panel or Basic panel, as you wish.

Calculator panels

Two calculators panels are available: basic and advanced. Use the Basic panel to enter numbers and perform basic addition, subtraction, multiplication, and division. Use the Advanced panel to insert advanced operators or delimiters, such as sine, cosine, tangent, square root, parentheses, etc.



Switch back and forth between calculator panels by pressing **MENU** and selecting **Advanced panel** or **Basic panel**, as you wish. As soon as you select an advanced operator, the panel switches back to Basic, where your operator appears.

- When you tap the screen, the key flashes red to let you know the selection was made. Make sure you see the red flash before entering your next number or completing the operation.
- To delete numbers, one at a time, press the **DEL** key or tap **DELETE** on the screen.
- To clear the display and start a new calculation, press **ENTER** or the **TRACKBALL**.

Operation history

- To scroll through your operations, roll the **TRACKBALL** up or down.
- To clear your operation history, press **MENU** and select **Clear history**.

Camera & Pictures

Before you begin

All the pictures you can capture or view on your device is stored on a microSD™card, which must be installed in your device. Before you can use the Camera or view pictures in Pictures, make sure you have a card installed.


Load pictures onto your microSD™ card

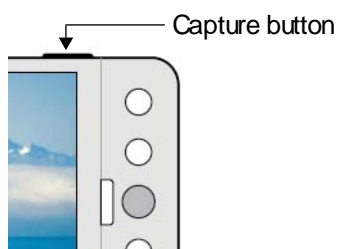
- 1 Mount your microSD card to your computer by doing one of the following:
 - remove the SD card and insert it into a card reader attached to your computer, or
 - attach your device to your computer using a USB cable
- 2 On your computer, find the mounted USB drive and open it.

- 3 Create a folder at the top-level called "Pictures" or some other descriptive name and open it.
- 4 Copy .JPG or other image files into this folder.
- 5 When finished, close the USB drive window and unmount or eject the drive as required by your computer's operating system. Remove the USB cable from your device and computer.

Take a picture

The camera is 3.0 megapixels, able to capture resolutions up to 2048x1536.

- 1 To open the Camera, press **HOME** and select the Camera icon .
- 2 The Camera opens in capture mode. Frame your picture within the screen. Press half-way down on the **CAPTURE** button to focus, then press the button



fully to capture.

- 3 Immediately after capture, you can select to **Save**, **Share**, or **Delete** your picture.
- 4 If you select to save or share, your picture is saved to the Pictures application. Pictures taken with your device are named by date and time; e.g., 2009-3-15 14:21:50 (picture was taken March 15, 2009 at 2:21 pm).

Capture settings


Shutter sound

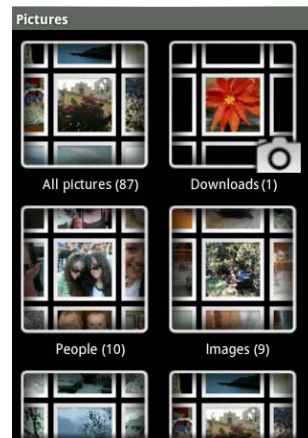
Select this check box if you want the shutter to sound when you capture a picture.

Store location in pictures Select this check box if you want to save the longitude and latitude in the picture's metadata so you know where the photo was taken. Some applications, such as Picasa Web albums, can then display the picture on a map.

View your pictures

To view the pictures you've captured, as well as any you've stored on your microSD™, go to the Pictures application:

- 1 To open Pictures, press **HOME** and select the Pictures icon .
- 2 Depending on how many pictures you've stored, they may take a few minutes to load.
- 3 If you've stored your pictures in folders (directories) on your microSD™ card, then the folders will display as separate "albums". The top left album always



contains all the pictures in all the albums.
Select an album to view the pictures within.

- 4 The individual pictures display in a grid in thumbnail format. You can select to display smaller or large thumbnails in Settings. Read more in Picture settings.
- 5 **To open a picture in full-screen view**, tap the picture, or highlight it and click the **TRACKBALL**. Once in full-screen, slide your fingertip horizontally (left-right, or right-left) to scroll through the pictures within that folder.


Screen orientation

If you want to view your pictures in landscape or portrait orientation regardless of whether your keyboard is open, press **MENU** and select **Flip orientation**. The orientation will “stick” until you explicitly change it.


Zoom and navigate

When viewing a picture in full-screen view, you can zoom in and out, and navigate around the picture when it doesn’t fit within the screen:

Zoom in

- Touch the screen to open the zoom-in and zoom-out controls . Tap the + control to zoom in. With each tap you zoom in closer.
- Tap the screen twice in a pattern: first tap near the bottom of the screen and then tap again near the top of the screen. The zoom point is the mid-point of your two taps.

Zoom out

- Touch the screen to open the zoom-in and zoom-out controls . Tap the – control to zoom out. With each tap you zoom out further.
- Tap the screen twice in a pattern: first tap near the top of the screen and then tap again near the bottom of the screen. The zoom point is the mid-point of your two taps.

- Navigate in full-screen view**
- Roll the **TRACKBALL** in any direction to shift your view.
 - Slide your fingertip in any direction to shift your view.

Picture options

You can do the following while in Pictures. Note that in all the instructions below, you can press & hold a picture to open the context menu to access all actions., rather than open the picture in full-screen view.

View full-screen Select a picture to open it in full-screen view.

Share a picture

- 1 In full-screen view, press **MENU** and select **Share**.
- 2 An email compose window opens, with the picture attached.
- 3 Complete your email. When ready, select **Send** or press **ENTER**.

Set as wallpaper

- 1 In full-screen view, press **MENU** and select **Set as**.
- 2 From the menu that opens select **Wallpaper**. (The wallpaper will be applied to the current screen orientation.)
- 3 Size and place the cropper with your fingertips, then select **Save**.

Set as contact picture

- 1 In full-screen view, press **MENU** and select **Set as**.
- 2 From the menu that opens select **Contact picture**. Your contact list opens.
- 3 Select the contact you want to associate with the picture.

- 4 Size and place the cropper with your fingertip, then select **Save**.
- 5 The picture will now appear in the contact's details screen, as well as on any incoming call notifications.

Crop picture

- 1 In full-screen view, press **MENU** and select **Crop**.
- 2 Size and place the cropper with your fingertip, then select **Save**.
- 3 The cropped picture is saved to Pictures as a copy. (Your original is not touched.)

Rotate picture

- 1 In full-screen view, press **MENU** and select **Rotate**.
- 2 Select from **Rotate left** (counter-clockwise) or **Rotate right** (clockwise).
- 3 Your picture rotates and is saved automatically.

View picture details

- 1 In full-screen view, press **MENU** and select **Details**.
- 2 The picture details window opens. You can see the title, resolution, file size, and date of the photo.

Play slideshow

Slideshows include all the pictures in your albums. Before you play a slideshow, you may want to adjust the slideshow settings, described in **Slideshow**.

- 1 In full-screen view, press **MENU** and select **Slideshow**.
- 2 Your slideshow begins! While your slideshow is playing, the status bar is dimmed.

- 3 To stop the slideshow you can do one of the following:
 - Press **BACK**
 - Tap the screen
 - Click the **TRACKBALL**
- 4 To begin the slideshow again, press **MENU** and select **Slideshow**. If you stopped the slideshow, it will resume where you left off.

Picture settings

To view picture settings, you must be viewing one of your albums, then press **MENU** and select **Settings**.

Picture view

Picture size	You can select from Large or Small picture display sizes.
Picture sort	You can select to sort pictures with the newest pictures first or newest pictures last.
Confirm deletions	Select this check box if you want a confirmation dialog box to appear after you select to delete a picture from Pictures (and SD card).

Slideshow

Slideshow interval	Select how long each slide plays: two , three , or four seconds.
Slideshow transition	Select the transition you want to use between each slide during the slideshow: Fade in & out , Slide left–right , Slide up–down , and Random (uses all

transitions in random order).

Repeat slideshow Select this check box to repeat the slideshow until you explicitly stop it.

Shuffle slides Select this check box to shuffle your pictures in the slideshow.

Pictures shortcuts

View highlighted picture ENTER
full-screen

Upload highlighted picture MENU + u

Delete highlighted picture MENU + a

Go to Settings MENU + p

Music

Your Library of music

To open your music Library, press **HOME** and select the Music icon

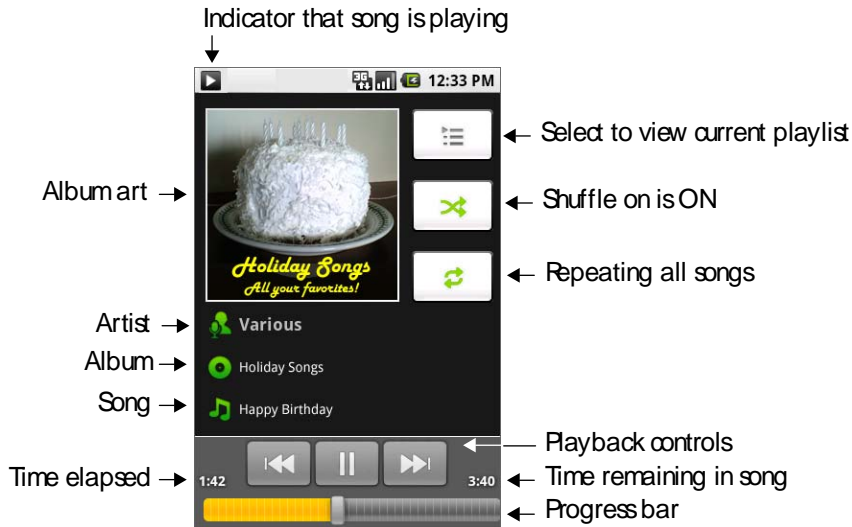


Your music is organized into four categories: Artists, Albums, Songs, and Playlists. Select a category to view the lists within each. Once in a category, keep selecting until you reach the music you want to play. For example, if you select the Artists category, you will see a list of artists in A–Z order. If you select an artist, the list opens to display that artist’s albums. Select an album, and the album’s song list displays.












Play back music

At any level in your Library, press & hold a listing to open the context menu. Select play to open the playback

screen.



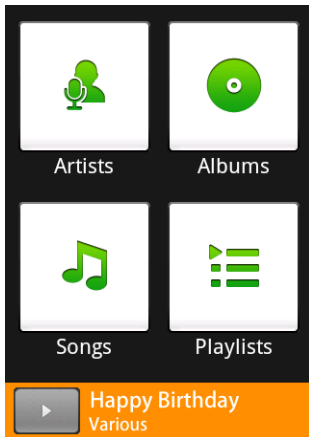
You can do the following using the playback screen:

- | | |
|--------------------------------|--|
| Shuffle songs | Press  to toggle shuffle on and off. |
| Repeat mode | Press  to repeat all songs,  just current songs, or  no repeat. |
| Go to any point in song | Slide fingertip in progress bar to go to any point in a song. |
| Pause/resume play | Press  to pause;  to resume play. |
| Fast forward | Press & hold  . |
| Go to next song | Press  once. |
| Rewind | Press & hold  . |
| Go to beginning of song | Press  once. |
| Go to previous song | Press  twice. |

View current playlist Press .

Party shuffle Press **MENU** and select **Party shuffle**.

If a song is playing while you are on the library screen, you can switch to the playback screen quickly by selecting the lower song



← Currently-playing song;
select to open playback screen

bar.


Playlists

You can create as many playlists as you wish. Note that the “Recently added” playlist is a system playlist and cannot be deleted or renamed.

Create a playlist

- 1 From the Library, select a category.
- 2 From the list that appears, navigate to the artist, album, or song that you want on a playlist.
- 3 Press & hold the artist, album, or song to open the context menu.
- 4 Select **Add to playlist**.
- 5 In the Add to playlist menu that opens, select **New** (to create a new playlist), or one of the existing playlists.
- 6 The song(s) are added.

Manage your playlists

- 1 Go to the library screen and select **Playlists**.
- 2 All your playlists appear. You can do the following from this screen.
 - Start playing the songs in the list.
 - Delete the playlist.
 - Edit the playlist, which means you can rearrange songs: Press & hold  next to the song you want to move, then slide it to its new position and release.
 - Rename your playlist.

Create ringtones from songs

You can use one of your songs as a ringtone:

- 1 From the Library, navigate to the song you want to use as a ringtone.
- 2 Press & hold the song in the list to open the context menu.
- 3 Select **Use as ringtone**.
- 4 Now, when you go to **HOME > Settings > Sound**, and select a phone or notification ringtone, your song will be listed as an option.

Delete music from microSD™ memory card

All the music you play on your device is stored on the inserted microSD™ card. From your device, you can delete music stored on the card:

- 1 From the library screen, select either the **Artists**, **Albums**, or **Songs** category.
- 2 Go to the screen that shows the artist, album, or song that you want to delete.
- 3 Press & hold the item to open the context menu.
- 4 Select **Delete**. You will be asked to confirm that you want to delete the item from your memory card.

Music shortcuts

Music list views

Go to playback screen	MENU + 1
-----------------------	-----------------

Play highlighted	ENTER
------------------	--------------

Delete highlighted	DEL
--------------------	------------

Go to Settings	MENU + p
----------------	-----------------

Playback screen


Play/pause	SHIFT
Toggle shuffle on/off	MENU + h
Cycle repeat/repeat1 /repeat OFF	MENU + r

Playlists screen

Go to playback screen	MENU + 1
Play highlighted song	ENTER
Move highlighted	MENU + m
Remove from playlist	DEL

Android Market

About Android Market

Download fun games and useful applications from the Android Market! To open the Market, press **HOME** and select the Market icon .

Browse items to download

When you first enter Android Market, you will see a featured item as well as a list of item categories. Select the featured item or a category to browse its contents. Within each category you can select to view items in the Popular tab, or the Newest tab.

Download an item

- 1 Navigate to an item you want to download and select it.
- 2 The item's details screen appears. Read more about the item on this screen.
- 3 If you want to download or purchase the item, select either the **Download** or **Buy** button.
- 4 Read the security permissions and select **Download** if you want to proceed. Select **Cancel** if you don't.
- 5 If you are purchasing the item, then step through the purchase screens.

Manage your downloads

View My Downloads

To see what you've downloaded:

- 1 From the Android Market home screen, press **MENU** and select **My Downloads**.
- 2 Your Downloads screen appears. Your items area grouped into categories with the number of items in each noted in parentheses.
- 3 Select a category to view your downloaded items.

Uninstall a downloaded item

- 1 From the Android Market home screen, press **MENU** and select **My Downloads**.
 - 2 Navigate to the item you want to uninstall by first selecting a category, then selecting the item within that category. The item's Detail screen appears.
 - 3 Press **MENU** and select **More > Uninstall**.
-

Give feedback on your downloaded items

Write a comment

If you'd like to comment on one of the items you've downloaded from Android Market, follow these steps:

- 1 From the Android Market home screen, press **MENU** and select **My Downloads**.
- 2 Navigate to the item you want to comment on by first selecting a category, then selecting the item within that category. The item's detail screen appears.
- 3 Press **MENU** and select **More > Add comment**.

Rate a downloaded item

If you'd like to rate one of the items you've downloaded from Android Market, follow these steps:

- 1 From the Android Market home screen, press **MENU** and select **My Downloads**.
- 2 Navigate to the item you want to rate by first selecting a category, then selecting the item within that category. The item's detail screen appears.
- 3 Press **MENU** and select **More > Rate**.

Flag content

If an item you are browsing or have downloaded from Android Market is objectionable in any way, you can “flag” it and send a message to Android Market for follow-up action:

- 1 From the item details page, press **MENU** and select Flag content.
- 2 You will be asked to select a category that describes your objection. Select the category.
- 3 Confirm your intention to notify Android Market about this item by selecting **OK** on the confirmation dialog box.

YouTube

Getting started with YouTube

To open YouTube, press **HOME** and select the YouTube icon

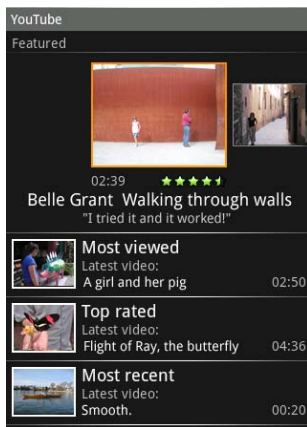


YouTube is a free online video streaming service that allows anyone to view and share videos that have been uploaded by the YouTube members. You do not need a YouTube account to browse and view videos. However, to use all the features of YouTube (such as viewing “My account”), you must have a YouTube account and sign in from your device. If you don't already have a YouTube

username and password, you'll need to create an account from your computer first.

Watch videos

The main YouTube screen shows the popular video categories, such as Featured, Most viewed, Top rated.



To see more video categories press MENU and select More categories


Select a category, then select the video within the category to begin play.

While you're watching a video, touch the lower part of the screen to reveal the transport controls.


Pause/resume play

Press  to pause;  to resume play.

Fast forward

Press & hold .

Rewind

Press and hold .

Progress bar

Slide your fingertip along the progress bar to go to a particular point in the video.



Search for videos

To find a video by typing a keyword, press **MENU** and select **Search**. The search window appears. Type your keyword, then select **GO**.

The number of search results appears in the title bar. Scroll through the results and select a video.

To clear your search history, press **MENU** and select **Settings**. Select **Clear search history**.

Filter videos by time

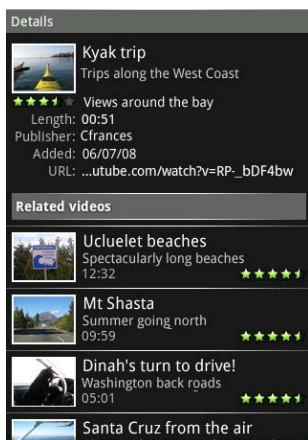
From any list of videos, you can filter the list by pressing **MENU** and selecting **View**. Select from:

- Today
- This week
- This month
- All time

Once you make your selection, the list is reduced to show only the videos posted during that time period.

View video details

If you want to see the details on any video, plus a list of related videos, highlight a video in a list, press **MENU** and select **Details**. The details screen appears.



Video favorites, ratings, and comments

Before you can mark a video as a “favorite” or rate a video, you must have signed in to your YouTube account on your device. If you haven’t and try to use any of these features, you’ll be prompted to sign in. You can view comments without signing in.

Add to favorites

You can add a video to your favorites in a couple ways:

- Press & hold a video in the list to open the context menu.
- Select **Add to favorites**.
- While a video is playing, press **MENU** and select **Favorite**.

Note: If you already have a video marked as a favorite, the menu item will read Remove from favorites.

Rate

You can rate a video in a couple ways:

- Press & hold a video in the list to open the context menu. Select **Rate**.
- While a video is playing, press **MENU** and select **Rate**.

Read comments

You can't add comments on a video from your device, but you can read them:

- Press & hold a video in the list to open the context menu. Select **Comments**.
- While a video is playing, press **MENU** and select **Comments**.

Share videos

- 1 Press & hold a video in the list to open the context menu.
- 2 Select **Share**. An email compose screen opens with the link to the video included in the message body.
- 3 Address and complete your email, then select **Send**.

Your YouTube account

To view your YouTube account screen, you must have signed in to YouTube from your device. If you haven't and try to open your account, you'll be asked to sign in.

To view your account screen, press **MENU** and select **My account**. From this screen you can view a list of your **Favorites**, **Playlists**, **Subscriptions**, **My videos**, and **Received videos**. From each list of videos, you can perform the following actions:

Remove from favorites

Press & hold a video in the list to open the context menu. Select **Remove from favorites**.

Share

Press & hold a video in the list to open the context menu. Select **Share**. The link to the video appears in an email compose screen. Complete the email and send.

Rate

Press & hold a video in the list to open the context menu. Select **Rate** to give the video a star rating.

Read comments

Press & hold a video in the list to open the context menu. Select **Comments**.

View details

Press & hold a video in the list to open the context menu. Select **View details** to open information on the current video as well view a list of related videos.

YouTube shortcuts

Upload a video **MENU + u**

Play highlighted video **ENTER**

Add highlighted video to
favorites **MENU + s**

Rate highlighted video **MENU + r**

Read comments on highlighted
video **MENU + c**

View highlighted video details **MENU + i**

Appendix. Regulatory Notices

Regulatory Agency Identifications

For regulatory identification purposes, your product is assigned a model number of **DREA100**.

To ensure continued reliable and safe operation of your device, use only the accessories listed below with your **DREA100**.

The Battery Pack has been assigned a model number of **DREA160**.

This product is intended for use with a certified Class 2 or Class 3 Limited Power Source, rated 5 Volts DC, maximum 1 Amp power supply unit.

Federal Communications Commission Notice

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.

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 TV reception, which can be determined by turning the equipment on and off, 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 or television technician for help.

Modifications

The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by High Tech Computer Corporation may void the user's authority to operate the equipment.

Safety Precautions for RF Exposure

- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

Exposure to Radio Frequency (RF) Signals

Your device contains a radio transmitter and receiver. The radiated output power is far below the international radio frequency exposure limits. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996
- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The standard incorporates a substantial margin of safety to give additional pro-

tection for the public and to account for any variations in usage.

As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Your device has an internal antenna. Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards; always use your device only in its normal-use position. Do not touch or hold the antenna area unnecessarily when placing or receiving a phone call. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operation can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC for each model. (Bodyworn measurements may differ among phone models, depending upon available accessories and FCC requirements). For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only original manufacturer approved accessories. When carrying the phone while it is on, use the specific original manufacturer supplied or approved carrying case, holster, or other body-worn accessory.

Cautions

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality damage the phone, or result in violation of FCC regulations. Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Body-worn operation

This device was tested for typical body-worn operations with the back of the phone kept 1.5cm from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 1.5cm separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

SAR Information

1.11W/Kg@g(Head)

1.08W/Kg@g(Body)

Telecommunications & Internet Association (TIA) Safety Information

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference. If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.

The WEEE logo on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city centre, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.



RoHS Compliance

This product is in compliance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

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