

i-mobile i651
HSDPA/WCDMA/EDGE/GPRS/GSM
850/900/1800/1900/2100MHz Mobile Phone
User Manual

Claims

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For Your Safety



SWITCH ON SAFELY Do not use in prohibited areas or when it may cause any interference or danger.



SWITCH OFF IN HOSPITALS Follow any restrictions. Switch the phone off near medical equipment.



SWITCH OFF WHEN REFUELING Do not use the phone at a refueling point. Do not use near fuel or chemicals.



SWITCH OFF IN AIRCRAFT Follow any restrictions. Switch off the phone during the flight as wireless devices can cause interference in aircraft.



ROAD SAFETY Obey all local laws. Please use the hands-free kit while driving.



ACCESSORIES AND BATTERIES Use only approved accessories and batteries. Do not attempt to connect incompatible products.



BACKUP IMPORTANT INFORMATION Remember to make backup copies or keep a written record of all important information.



CONNECTING TO OTHER DEVICES When connecting to any other device, read its user manual for detailed safety instructions. Do not try to connect incompatible products.



MAINTENANCE Only authorized and qualified personnel may repair this product.



WATER RESISTANCE Your phone is not water-resistant. Keep it dry.



INTERFERENCE All wireless devices may be susceptible to interference, which could affect its performance.

Damage to the security seal will invalidate the warranty.

Warning: Improper use will invalidate the warranty.

Brief Introduction

Your phone's label

The barcode label includes important information about services and customer support. Please keep it properly.

Phone image

Note: All the illustrations, simulated screen and related images in the manual are for reference a refer to your handset for actually.



- 1 _ Side key(volume up key)
- 2 _ Side key(volume down key)
- 3 _ USB port
- 4 _ Earphone jack
- 5 _ Front camera
- 6 _ Receiver
- 7 _ Touch lens
- 8 _ LCD screen
- 9 _ Search key
- 10 _ Menu key
- 11 _ Call log key
- 12 _ Optical mouse
- 13 _ Microphone
- 14 _ Power & End key
- 15 _ Back key
- 16 _ Home key
- 17 _ Antenna
- 18 _ Sling hole
- 19 _ Speaker
- 20 _ Camera

Key definition

A few simple keys make it easy to operate.

Call log key:

- When there is an incoming call, press to answer the call.
- Press to enter the call log interface.

Home key

- Press & hold to bring up the recent applications window.
- Press to bring up the whole five Home screens.

Back key: Press to go back to the previous menu, or to dismiss a dialog box or menu.

Menu key

- Press to open a list of actions you can take on the current screen.

Volume keys

- Press to adjust the volume.

Search key

- Press to search the resource
- in the device or through the internet.

Power & End key

- When on a call, press to hang up.
- When not on a call, press to lock the screen and put the phone to sleep.
- When not on a call, press & hold to open the phone context menu, from which you can power off or put your phone in silent mode.
- When the phone is off, press and hold to power it on.

Optical mouse

- Can be used as navigate key and confirm key.

Touch screen

Selection

To select an item or button on the screen, touch the item directly with your fingertip. You will know when an item on the screen is selected when its color changes.

Context menus

To open the context menu for an item on the screen, touch & hold the item on the screen with your fingertip. You must hold for one full second before the context menu appear.

Scroll

To scroll up or down in a list or page on the screen, you can slide your finger up/down on the screen.

Crop pictures

When creating wallpaper or an icon from a picture, you can control how the picture is cropped. Touch & hold an edge of the cropper to reveal the sizing arrows, then drag the edge in or out to size. Touch & drag the center of the cropper to move it with the picture.

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.

Screen orientation

Your screen's orientation always switches automatically when the phone orientation changes.

Press the **Menu** the **Home** screen, then select [Settings>Sound & display>Orientation](#). Unselect

the check box to let your screen keep the portrait orientation.

Silent mode

To silence your phone quickly, press and hold the **Power & End key** to open the option menu, and select [Silent mode](#).

Other ways to silence your phone:

Press and hold the **Volume down key** to zero volume.

Screen sleep

After a period of inactivity, your screen will go to sleep (display will turn black). In sleep, your phone uses less battery power. You can control this behavior:

Set screen timeout period

1. Return to the **Home** screen, then press the **Menu key** to select [Settings>Sound & display](#).
2. Select [Screen timeout](#), then select a time or from the menu.

Prevent sleep while charging

1. Return to the **Home** screen, then press the **Menu key** to select [Settings>Applications](#).
2. Select [Development](#), then select the [Stay awake](#) check box.

Lock screen & put phone to sleep (immediately)

Except when on a phone call, from any screen, press the **Power & End key**.

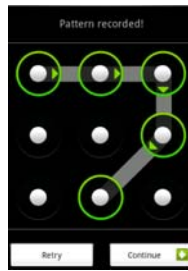
Screen lock

While not on a call, to lock your control buttons and screen from accidental touch activation, press the **Power & End key**. To unlock your screen, press the **Menu key** and slide your fingertip across the screen from left to right.

You can increase the security of your phone by setting a screen unlock pattern. Once set, in

order to unlock your screen, you'll have to draw the correct unlock pattern. You can set your screen unlock pattern as follows:

1. Return to the **Home** screen, then press the **Menu key** and select [Settings](#).
2. Select [Location & Security](#), then scroll down to the Screen unlock pattern section.
3. Select the [Require pattern](#) check box.
4. Set or change your unlock pattern by selecting either [Set unlock pattern](#) or [Change unlock pattern](#), as applicable.
5. Follow the prompts to define your pattern. **Note:** You must slide your finger along the screen to create the pattern, not select individual dots. Connect at least four dots.



6. When you unlock your screen, if you want your pattern to be hidden as you draw it, clear the [Use visible pattern](#) check box.

Wireless off

When you need to turn off all your phone radios, switch to "airplane" mode:

1. Return to the **Home** screen, then press the **Menu key** and select **Settings**.
2. Select **Wireless & networks**, then select the **Airplane mode** check box. When selected airplane mode icon  displays in the status bar, all wireless connections are disabled.
3. To enable wireless connections again, return to this settings screen and clear the **Airplane mode** check box.

Tip: To set your handset as Airplane mode quickly, press and hold the **Power & End key** to open the option menu, and select **Airplane mode**.

Making phone calls

To dial a number, press the icon  to open the **Dialerpad** and touch the **Dialerpad** or To answer an incoming call, press the **Call log key**. To end a call, press the **Power & End key** or **Back key**.

While in a call, press the **Menu key** to reveal the in-call options.

Show dialpad: Displays the on-screen dial pad.

Speaker: Turns on the speakerphone.

Mute: Mutes your side of the conversation.

Hold: Puts call-in-progress on hold.

Bluetooth: The bluetooth headset is being used via bluetooth.

Power on/off

To power off your phone, press and hold the **Power & End key**. On release, the phone options menu opens. Select **Power off**.

To power on again, press and hold the **Power & End key**. (**Tip:** The phone will vibrate after you press and hold the **Power & End key**, and please be patient to wait for the phone to power on.)

Home screen

Home screen

The **Home** screen is your starting point for using all the applications on your phone. You can customize your **Home** screen to display applications, shortcuts and widgets as you like.

Note: To enter the Application screen, press the icon  in the Home screen.

Tip: To hear a sound when an item is selected, select the [Audible Selection](#) check box in [Settings>Sound & display](#).

Extended Home screen

The Home screen actually extends beyond the screen width up to 5 screens. Slide your fingertip left and right along the screen to reveal the full width of the **Home screen**. This additional space gives you more room to customize **Home** with applications, shortcuts, and widgets.

Create Home screen shortcuts and widgets

1. Start from the Home screen, then touch & hold the screen with your fingertip. The [Add to Home screen](#) menu opens.
2. Select a [Shortcut](#) to applications or some of your saved information (such as a music playlist, a Web bookmark, or folder,etc), [Widgets](#) (analog clock, calender, or music ,etc), [folders](#) (all contacts, contacts with phone numbers, or starred contacts), or [Wallpapers](#) for your Home screen.
3. The application, shortcuts, folders, or widgets appear on the screen. If you select Wallpaper, you'll be asked to select a picture.

Tip: To create an application shortcut quickly, touch the application tab to reveal all the application icons, then touch & hold an application icon. Its shortcut is added to the Home

screen.

Remove items from the Home screen

To remove a shortcut or widget from your Home screen, touch & hold the item. The application tab turns into a Trash button. Drag the item to the Trash button and release. You'll know when your item is in the Trash because the item and the tab will turn red.

Move objects on the Home screen

1. To move an icon or other item on the Home screen, you must first touch & 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 new position. To move an item to a section of the Home screen not in view, move it to the edge of the screen and hold it there for a moment. The screen view will shift; position the object and release.

Create and delete folders on the Home screen

You can add folders to hold application icons or shortcuts:

1. From the **Home** screen, press the **Menu key** and select [Add](#), or touch & hold the screen to open the [Add to Home screen](#) menu.
2. Select [Folders>New folder](#). A new folder appears on the screen.
3. Touch & hold any of the application icons or shortcuts to enter move mode (the icon will magnify), then drag the item to the top of the new folder.
4. Touch the folder once to open it; touch the folder's title bar to close it.
5. To rename a folder, first open the folder. Then touch & hold the folder title bar to open the Rename folder dialog box. Type your new folder name, then select [OK](#).

6. To delete a folder, touch & hold the folder to enter move mode. Drag the folder to the Trash button and release.

Customize Home screen wallpaper

Wallpaper your **Home screen** with pictures you have stored on your memory card, or select a picture from the Wallpaper gallery that is preinstalled on your phone:

1. From the **Home screen**, press the **Menu key** and select **Wallpaper**. Alternatively, you can touch & hold the Home screen to open the **Add to Home screen** menu.
2. Select **Wallpapers**, then select either **Pictures** or **Wallpaper gallery**.
3. If you select Wallpaper gallery, then scroll through the gallery. Touch a thumbnail to highlight it and view a larger version. When you've decided on a wallpaper, make sure it's highlighted, then select **Set wallpaper**.
4. If you select **Pictures**, your picture album opens. Note that if this is the first time you have viewed the pictures stored on your memory card from your phone, it may take a while for the pictures to load.
Navigate to find the picture you want to use, then select it.
The cropper appears. Touch & hold an edge of the cropper to reveal the sizing arrows, then drag the edge in or out to size. Touch & drag the center of the cropper to move it within the picture.
When you're content with the cropped area, select **Save** or press the **Back key**.

Tip: You can also set a picture as wallpaper in camera capture mode. Press the **Menu key** to select Gallery to view the pictures you captured. Touch and hold a thumbnail to open the context menu, and select **Set as>Wallpaper**. Crop the picture, and select **Save** to confirm.

Notification and connection status icons

Along the top of your phone screen is the status bar. On the left side, icons will appear, notifying

you of a new message, upcoming calendar event, alarm, or something else you should notice.

On the right side of the status bar, you'll see connection status icons.

-  New email message
-  New SMS or MMS
-  Alarm is set
-  Song is playing
-  Data is syncing
-  Preparing sd card
-  SD card removed
-  More (undisplayed) notifications
-  Call in progress
-  Missed call
-  Speakerphone is on
-  Ringer is off (Silent mode)
-  Ringer on vibrate only
-  Phone on mute
-  Sign-in/sync error
-  Gps is on
-  Downloading
-  GSM signal, roaming, no signal
-  GPRS service connected, data flowing
-  Edge service connected, data flowing
-  Wi-Fi service connected, network available
-  W-CDMA service connected, data flowing



Battery charge indicators: full, half-full, low, very low!

Battery is charging



Wireless services are off (Airplane mode)



Bluetooth® is on, Bluetooth device connected



No SIM card in phone



USB connected

Read your notifications

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

- **Ongoing notifications** report activities such as call forwarding ON, current call status, song playing.
- **Notifications** report the arrival of new messages, calendar events, and alarms. You can clear notifications list by selecting [Clear notifications](#) at the top of the notifications window.

Touch the item to open the message, reminder, or other notification. To close the notifications window, slide your finger up the screen. You can also open the notifications window by pressing the **Menu key** and selecting [Notifications](#).

Wireless operator

To view the network your phone is currently using, slide to open the notifications window. The name of the wireless operator's network appears at the top of the list in bold.

Call voicemail

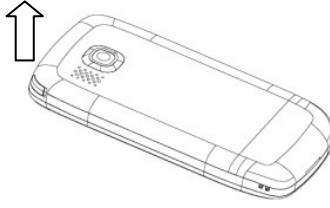
If you have a new voicemail message, you will see this icon  in the status bar. To call your voicemail number:

1. Open the notifications window to reveal the [New voicemail](#) notification.
2. Select the notification.
3. Your voicemail number is dialed.

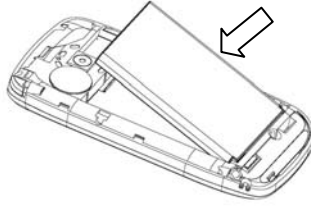
Getting Started

Installing the battery

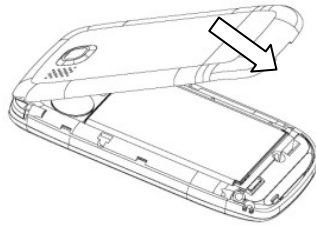
1. Take off the battery cover.



2. Put in the battery

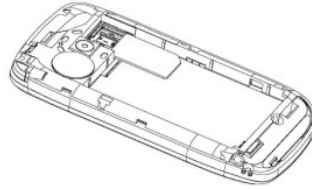


3. Install the cover.



Installing a Sim-card

Note: The sim-card slot is at the top side of the battery.



Release the sim-card lock. Then put in the sim-card and lock it up

Insert the memory card into the card slot, which is at the right side of the handset.

Charging the battery

Warning: To avoid damaging the phone, please do not remove the battery when the phone is charging.

To ensure the best performance of your phone's battery, please charge the battery fully before using it for the first time (Approx. 12 hours), using the method described below. Please note: some batteries require several full charge/discharge cycles to reach their best performance.

1. Make sure the battery has been installed properly before charging.
2. Plug the travel charger into the USB connector, and then plug the other end of the travel charger into the electrical outlet.
3. The device is a 3G product. So it consumes more power than in 2G network.

Tips:

- ◆ If your phone is off, there will be a yellow light at the upper right corner of the phone's front side when being charged. When the phone is fully charged, the blue light will disappear. It may take 4-5 hours to fully charge.
- ◆ If your phone is on, there will be a charging indicator  on the status bar while charging.
- ◆ When your phone is on, try to avoid making or answering calls while charging.
- ◆ The phone also can be charged from your PC when it is connected with the USB cable, but it will take a longer time to charge if you mount USB storage.
- ◆ If your battery energy is too low, your phone may be unable to be switched on. Please charge your phone for a few minutes before you switch it on.

Battery tips

- Use only the batteries, data cable and chargers approved by the original manufacturer. Do not use a non-approved data cable or chargers, as it may damage the battery.
- Do not short-circuit the battery. Please store the battery inside the battery box to prevent accidental short-circuiting of the battery contacts.
- Do not place or charge the battery in very hot or very cold locations as extreme temperatures can adversely affect the battery.
- Please keep the charger and handset out of the reach of young children.
- Please ensure that the metal contacts of the battery are kept clean and free of dirt.
- The battery can be charged and discharged hundreds of times, but it will be eventually worn out. Please replace the battery when the battery capacity falls to approximately 50% of its original storage capacity.

Use and maintenance

The following suggestions will help you use and maintain your mobile.

- Please keep dry. Rainwater, humidity, and any kinds of liquid or moisture might contain minerals which could corrode the circuit.
- Moving parts may be damaged if you put or use the phone in a dirty or dusty place.
- Please do not use or store the phone in a high temperature environment, as this may result in damage to the electronic or plastic parts.
- Please do not use or store the phone in a very low temperature environment.
- Please do not use any chemicals, detergent, or caustic detergents to clean the mobile. If you want to clean it, please wipe it gently using a soft cloth made damp with some soapy water.
- Please do not paint the phone. Paint might clog the moving parts and prevent proper operation.

- Only use the headset provided, or an approved spare.
- If the mobile has gotten wet, please switch it off immediately and remove the battery. Leave it to dry thoroughly before using it again.
- To get the maximum talk and standby times from your battery, please turn down the volume and reduce the backlight and contrast.
- Please keep all metal objects away from the charger port located at the top of the phone to avoid damaging the electronic circuits.

System settings

Control phone-wide settings from the Home settings screen: Press the **Menu key** to select [Settings](#). You can also select the [Settings](#) icon from the [Application](#) screen.

Wireless & networks

Mobile network settings

1. Select data roaming capability.
2. Connect to data services when in local.
3. Add or edit network Access Point Names (APNs) - Do not change this setting unless advised to do so by your wireless operator!
4. Use only 2G networks to save battery.
5. Select a wireless operator network - Scan for all available networks, or select a network automatically.

Airplane mode on/off

When airplane mode is selected, all wireless connectivity is off. This icon  will display in the status bar when airplane mode is selected.

Wlan on/off

Select this check box if you prefer to use Wi-Fi for your data connection.

Wlan settings screen

Open the Wlan settings screen to:

1. View and scan for available networks - Press the **Menu key** and select [Scan](#).
2. Connect to a network - Select it from the network list. Provide your username or password if

required.

Bluetooth on/off

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

Bluetooth settings

With Bluetooth services on, you can open the Bluetooth settings screen to:

1. Device name: Rename your device.
2. Discoverable: Select to be discoverable, or not discoverable.
3. Scan for devices: Search for devices that can be connected.
4. Rescan for devices – Press the **Menu key** and select [Scan for devices](#).
5. FTP Server: Select to turn on & off FTP server.
6. Select BT Path to remember the BT transferring path.

Send/Receive files

1. Scan for devices.
2. Select the device you want to pair with.
3. Type PIN to pair.
4. After the pair succeeds, you can send/receive files between two devices via bluetooth.
5. You can send bookmarks in browser, pictures in gallery, camera and camcorder, or files in FileManager.

USB modem

(Before using this feature, please turn off Wi-Fi in your handset and make sure the driver has been installed properly in your computer)

1. Press **menu** and select [setting](#) in the Home screen in your handset.
2. Press [Wireless controls](#) and select [USB modem](#), (before selecting [USB modem](#), make sure

your handset is still disconnected with your computer).

(All the following steps are taken in your PC)

3. Create a new connection in your PC(Right click **Internet explore** on the desktop> **Attribute> Connection> Build connection>**
4. Select "**connect to the network at my workplace">Dial-up connection**
5. Enter the name of your company (whatever your want)
6. Enter the phone number which must be in accordance with the type *99***3
7. Right click **My Computer> Manager> Device Manager> Modem> Attribute> Advanced>**enter **AT+CGDCONT=3, "IP", "uninet"**
8. Double click the connection you just created and you can enjoy internet surfing now with the handset as a modem (you can turn on WiFi in your handset after it serves as a modem successfully).

Call settings

Fixed Dialing Numbers

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 phone.

You can get this number from your wireless operator if this feature is supported.

Voicemail

Before using voice service, you must set the voicemail first. Enter Voicemail settings and input your number. Then you can use this feature.

Other call settings

From selecting this, you can choose [Call forwarding](#), [Caller ID](#) and [Call waiting](#).

Sound & display

Sound settings

Silent mode

Select to open the silent mode. All sounds except media&alarms are silenced.

Ringer volume

Select to open the volume control, then slide your finger along the volume bar to set incoming call volume and notification volume.

Media volume

Select to open the volume control, then slide your finger along the volume bar to set the volume for playing back music, videos, FM or voice recordings.

Phone ringtone

Select to set your default incoming call ringtone.

Phone vibrate

Select to have your phone vibrate for incoming calls.

Notification ringtone

Select to set your default notification ringtone.

Audible touch tones

Select to have a tone sound when you use the onscreen Dialer.

Audible selection

Select to have a sound play when you select an item on the screen.

Haptic feedback

Select to make a feedback when the screen is being touched

SD card notification

Select to have a tone sound if your phone does not detect the memory card when the phone

powers on.

Display settings

Orientation

Select to switch orientation automatically when the phone orientation changes (except the home screen)

Animation

Select to show animation when opening/closing windows.

Brightness

Select to open Automatic brightness.

Screen timeout

Select to decide how long your phone must be inactive before the screen turns off.

Location & security

My location

Use wireless networks

Select to use wireless networks

Use GPS satellites

Enable your handset to receive GPS data.

Screen unlock pattern

Create a pattern you will be asked to draw before your screen is unlocked. You can select to make the pattern visible or invisible as you draw it.

SIM card 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.

Visible passwords

Select to have your password display as you type it.

Use secure credentials

Allow applications to access secure certificates and other credentials

Install from SD card

Install encrypted certificates from SD card

Set password

Set or change the credential storage password.

Clear storage

Clear credential storage of all contents and reset its password.

Applications

Unknown sources

Select this check box if you want the ability to download applications from the Web. With this check box not selected, you will only be able to download applications from Android Market.

To ensure your personal data and phone remain secure, it is recommended you not select this check box.

Manage applications

View all the applications stored on your phone and how much space they occupy. If you've downloaded an application from Android Market, you can uninstall it from this screen.

Select a specific application to:

1. Clear your user data (if you have any associated with a particular application).
2. Disassociate the application with any actions. For example, you may have selected to use

YouTube to open any Browser links to videos. If you'd like to use another application to open video links, simply select the [Clear defaults](#) button. The next time you try to perform that action, you'll be shown a dialog box so you can select an application. To make it the default, make sure you select the [Use by default for this action](#) check box on this dialog box before you select the application.

3. Uninstall - If you've downloaded an application from Android Market, you will be able to uninstall it from this screen by selecting [Uninstall](#).

Running services

You can check and control the running application in this menu.

Development

If you are an application developer, you may be interested in these settings:

USB debugging

If you want be able to communicate with your phone directly via USB, select the [USB debugging](#) check box.

Stay awake

To prevent your phone from sleeping while charging (via power adapter or USB), select the [Stay awake](#) check box.

Allow mock location

To allow mock location, select the Allow mock location, select the [Allow mock location](#) check box.

Accounts & sync

Background data: Select to make applications sync, send, and receive data at any time.

Auto-sync:select to make applications sync data automatically.

Manage accounts

You can add account here which you want to sync.

Privacy

Use My Location

You can use this function for Google search results and other Google services.

Back up my settings

You can back up your handset setting here.

Factory data reset:

You can also select to reset your phone to factory settings. This will erase all your data and downloaded applications.

SD card & phone storage

View and manage the data storage on your phone

SD card

Monitor and manage the use of your memory card from this screen:

1. View the total space of your memory card.
2. View how much space you are using on your memory card.
3. Unmount your memory card from your phone.

Note: When you mount the USB storage, you cannot view pictures or play any media stored on the card from your phone.

4. Format your memory card

Internal phone storage

Available space: Report how much internal storage is free.

Search

Web search

Google search settings

Show web suggestions: When selected, suggested word will show as you type it in google web page.

Search history

Search history will show as you type content in the **search box**.

Searchable items

Contact: When selected, relevant contact shows as you type the word in the **search box**

Browser: When selected, relevant information in the network shows as you type the word in the

Language & keyboard

Locale setting

Select language and region.

Text settings

Thai Keyboard settings

To choose vibrate on keypress or sound on keypress

Android keyboard settings

Vibrate on keypress - When selected, your phone will vibrate while you touch the characters.

Sound on keypress - When selected, your phone will make a sound while you touch the characters.

Auto-capitalization - When selected, automatically capitalizes the first letter in a text field, or the

first letter after a period (.), question mark (?), or exclamation point (!). (The initial is capitalized following dot+blank)

Quick fixes - This feature is not a spell-checker, but automatically corrects commonly-mistyped words when selected.

Show suggestion - When selected, automatically display suggested words while typing.

Auto-compete - When selected, automatically inserts a period (.) when you type two spaces in succession.

User dictionary

You add or delete words in the user dictionary. When you type words, your phone will predict the word you have ever saving in the user dictionary.

Date & time

Automatic

Select to use network-provided values.

Set time, time zone, and date - Use [Automatic](#) unless you need to override the network values.

Time format - Select from 12- or 24-hour formats.

Date format - Select from a variety of formats.

About phone

1. View your phone [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 Wlan addresses you're connected to, and more.
2. Select [Legal information](#) for copyright and licensing information, as well as the Google Terms of Service for the Google applications on your phone.
3. View the model number and version information for your phone.

Bluetooth

You can use Bluetooth to send and receive calls using a headset or hands-free car kit. Also, you can send/receive files by Bluetooth.

Turn on Bluetooth services

1. Press the **Menu key** to select [Settings](#) in the Home screen
2. Select [Wireless & networks](#), then select the [Bluetooth](#) check box to turn on Bluetooth services.
3. When it on, the Bluetooth icon  appears in the status bar.

Discoverability

By default, your phone is not "discoverable". This means other Bluetooth devices will not find your phone in their scans for Bluetooth devices. If you make your phone discoverable, it will be visible to other Bluetooth devices.

To make your phone discoverable:

1. Make sure you have turned Bluetooth on, as described in "Turn on Bluetooth services".
2. Press the **Menu key** to select [Settings>Wireless controls> Bluetooth settings](#) in the Home screen.
3. Select the [Discoverable](#) check box to make your phone visible to other Bluetooth devices for 120 seconds. You must stay on the Bluetooth settings screen to remain discoverable.
4. Select [Discoverable](#) check box again to make your phone undiscoverable.

Name your Bluetooth device

1. Make sure you have turned Bluetooth on, as described in "Turn on Bluetooth services".

2. Press the **Menu key** to select [Settings> Wireless & networks> Bluetooth settings>Device name](#) in the Home screen.
3. Type the name for your device in the dialog box, then select **OK**.
4. Your new device name appears on the Bluetooth settings screen.

Pair & connect with Bluetooth devices

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

1. Make sure you have turned Bluetooth on, as described in "Turn on Bluetooth services".
2. Press the **Menu key** to select [Settings > Wireless & networks > Bluetooth settings](#) in the **Home** screen.
3. Your phone starts scanning for Bluetooth devices within range. As they are found, the devices appear in the list of Bluetooth devices.
4. To pair with a device in the list, select it.
5. Type the device's password, then select **OK**. (Read the manufacturer's documentation if you don't know the password.)
6. Once paired, select the device name to connect. You can also touch & hold the name to open the context menu, then select [Options>Connect](#).
7. Pairing and connection status appear under the device name.
8. Once the other Bluetooth device shows "connected" status, you can start using it to make and receive phone calls.
9. To disconnect or unpair with a device, touch & hold the device to open the context menu. Select [Unpair](#), as appropriate. If you select [Unpair](#) when connected, you will be disconnected as well.

Notes:

- The phone supports only the headset and hands-free Bluetooth profiles, so if you try to connect to a device that is not a headset or hands-free car kit, then you will receive an “unable to connect” message.
- 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.

Rescan for Bluetooth devices

If you want to update the list of Bluetooth devices, press the **Menu key** to select [Scan for devices](#).

Contacts

Your contact list

To view the contacts on your phone, select [Contacts](#) in the **Home** screen.

Contacts belonging to a specific group (you can choose which group) are listed in the Contacts tab.

Only those contacts you star as "favorites" are listed in the [Favorites](#) tab. (Read "Contacts settings" to learn how to change which contact group displays in [Contacts](#).)

From the [Contacts](#) tab, you can:

Take action on a contact

1.Touch & hold the contact's name to open the option menu. From the menu you can select to [View contact](#), [call Mobile](#), [Text contact](#), [Add to favorites](#), [Edit contact](#) or [Delete Contact](#).

2.Press  beside one contact and there will appear the following option:



Dial this number



Enter the option of this number to dial



Text the contact

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.

To edit a contact's details, press the **Menu key** to select [Edit contact](#).

Tip: Only the contacts stored in your phone can be displayed. You can import the contacts from your SIM card. In the Contacts main menu, press the **Menu key** to select [Import/Export](#), then select [Import from SIM card](#).

Search for a contact

1. Browse through your contacts by sliding your fingertip up and down on the screen. A rapid brush movement in either direction accelerates the scrolling. Touch the screen to stop the scrolling.
2. Or press the **Menu key** to select [Search](#) in the Contacts main menu, type the keywords in the text box, then tap the magnifier beside the text box to start searching.

Add a contact

1. Press the **Menu key** to select [New contact](#) in the Contacts main menu.
2. Add all the information you want to store for this contact in the appropriate fields. You must add some information to save a contact.
To add more fields, select [+](#).
3. Assuming you have a memory card inserted with pictures in it, you can assign a Caller ID icon to your contact by selecting the caller ID icon beside the name text box. The Pictures application opens. Navigate to a picture and select it, size the cropper with your fingertips. When finished, select [Save](#). The picture is associated with your contact.
4. To associate this contact with a ringtone for incoming calls, select the [Ringtone](#). Select a ringtone, then select [OK](#). When you select a ringtone, it plays briefly.

Assign favorites

Use [Favorites](#) as a way to display only those contacts you contact most frequently. To add a contact to [Favorites](#):

1. From Contacts, touch & hold the contact you want to add to Favorites. The context menu opens.
2. Select [Add to favorites](#).

3. Now your contact will be listed in [Favorites](#) and display with a colored star. Their details screen will also display the colored star.

Edit contact details

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

1. From Contacts, touch & 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 [Done](#) To cancel, select [Revert](#).

Delete contact

1. From contacts, touch & hold the contact To open context menu. Select [Delete contact](#) to delete the selected contact.
2. Or in contact detail menu, press the **Menu key** to select [Delete contact](#).

Display contact

1. From contacts, press **Menu key** to select Display options. Then select [Only contacts with phones](#), which make only contacts that have phone numbers display.

Communicate with a contact

From Contacts 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 Contacts.

Call a contact

From the contact details

1. In the Call mobile section, select the number you want to dial.
2. The number is dialed.

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.

From the contact list

1. Touch & hold the contact's name to open the context menu.
2. Select [Text contact](#). A Compose screen opens for your new message.

From the Contact details screen

1. In the Text mobile section, select a phone number.
2. A Compose screen opens for your new message.

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. Select the contact you want to email. Their Contact details screen opens.
2. In the email section, select the email address. If you are fetching POP3 or IMAP email accounts to your phone, then select the account you wish to use to send. A Compose screen opens for your new message.
3. Complete your message and select [Send](#).

Contacts settings

To set Contacts preferences, from [Contacts](#) or [Favorites](#), press the [Menu key](#) to open the option menu:

SIM contacts importer

If you have stored names and phone numbers on your SIM card, you can add these to the Contacts stored on your phone by selecting this settings option [Import/Export](#). Once the list of names and numbers appears you can:

1. Import all names/numbers in the list – Press the **Menu key** and select [Import/Export](#), then [select import from SIM card](#)..
2. Import only certain names/numbers in the list - Select the name/number you want to import, then repeat for others as you wish. (As soon as you select the name/number, it is imported.)

Email

POP3 and IMAP email accounts

Add an email account

1. Open the Application menu to select the [Email](#) application.
2. The Set up new account screen appears.
3. Type your account email address and password.
4. If you want, select the [Send email from this account by default](#) check box. This setting only applies if you have more than one POP3 or IMAP account set up.
5. Select [Next](#).
If you have a popular email account, the application will set everything up for you! Before you go to your Inbox, you can name the account (if you don't, your email address will be used). You are also asked to type your name. You must complete this field before you can select [Done](#) and go to your Inbox.
6. To add more accounts (up to five), from your Accounts screen, press the **Menu key** and select [Accounts](#), then press **Menu key** and select [Add account](#).

Use your POP3 and IMAP email account

Once you've set up an account, you can do the following:

Refresh Inbox

From the Inbox, press the **Menu key** and then select [Refresh](#) to update your Inbox with any previously-unfetched email.

Read email

To open an email for reading, select it.

Forward, Reply, Reply all, Delete, Mark as read

You can forward, reply, reply all, delete or mark as read to an email message from either the Inbox or the read view:

From the Inbox, touch & hold the message to open its context menu. Select the action you want to take.

Compose new

From the Inbox or your accounts screen:

1. Press the **Menu key** 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. Select [Send](#), [Save as draft](#), or [Discard](#). Pressing the **Back key** will also save as draft unless you have not typed anything.

Empty Trash

To empty messages in the Trash you must delete each message individually:

1. Expand the Trash folder to display the messages.
2. Touch & hold the message you want to delete to open the context menu.
3. Select [Delete](#).

Note: The message is only deleted from your phone, not from the account server.

Remove an email account

You can always remove a POP3 or IMAP email account from your phone by doing the following:

1. Go to your Inbox.
2. Press the **Menu key** and select [Accounts](#). Your Accounts screen opens.

3. Touch & hold the account you want to remove to open the context menu.
4. Select [Remove account](#).
5. You will be asked to confirm before the account is removed.

Edit account settings

To open your Account settings screen, do the following:

1. From your account Inbox, press the **Menu key** and select [Account settings](#).
2. The Account settings screen appears. You can do the following from this screen:
 - Account name** Select to change the name of your account as it appears on your Accounts screen.
 - Your name** Select to change your name as it appears in outgoing email.
 - Email check frequency** Select this pop-up menu to set how frequently your email account is checked for new messages. Note that whenever you open a folder, email is refreshed, regardless of this setting.
 - Default account** If you have more than one POP3 or IMAP email account set up on your phone and want to use this account by default when selecting Compose from the Accounts screen, select this check box.
 - Email notifications** If you want an icon to appear in the status bar when a new message arrives, select this check box.
 - Select ringtone** Select to decide on a ringtone to use for incoming email.
 - Vibrate** Select to have your phone vibrate when email arrives.
 - Incoming settings** Select Incoming settings if you need to edit the username/password, server, port, or option to delete email from server.
 - Outgoing settings** Select Outgoing settings if you need to edit the SMTP server, port, security type, option to require sign-in, or username/password.

3. To save your settings, press the **Back** key.

SMS and MMS messaging

Press the icon  to open the SMS & MMS Messaging application.

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 phone will automatically convert a text message into a multimedia message as soon as you add a subject or an attachment, or if you address the message using an email address rather than a phone number.

The message list

Text and multimedia messages are grouped with the replies you receive into conversations or "message threads" or just "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 in the list to open it for reading.

Note: Messages you send are also listed in the Read view.

Reading multimedia messages

If you have selected to auto-retrieve your multimedia messages, then both the message header

and body will be downloaded. To view your message, select the "play" button.

If you are downloading only the headers, then you must first select the Download button to retrieve the message body. If you are concerned about the size of your data downloads, you can check the message size before you download.

Once the message has been downloaded, select the "play" button to view the message.

From a message read view, you can do the following:

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 the **Menu key** and select to add a subject or an attachment to convert it to a multimedia message.

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.

Forward messages

In the message read view, touch & hold the message to open the context menu, then select [Forward](#) to forward it to others.

Delete messages

Your messages will be saved until you explicitly delete them.

1. Delete one message in a thread: With the message thread open in Read view, touch & hold the individual message you want to delete to open the context menu. Select [Delete message](#).
2. Delete all messages in a thread: With the message thread open in Read view, press the **Menu key** and select [Delete 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 thread](#).

3. Delete all message threads: From the message list, press the **Menu key** and select [Delete threads](#).

Delivery problems

Touch & 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 the **Menu key** and select [Undelivered messages](#).

View message details

To view details about a particular message, in the Read view, touch & hold the message to open the context menu. Select [View message details](#).

Compose text and multimedia messages

1. Press the **Menu key** and select [Compose](#). The Compose screen opens.
2. Add recipients by typing a name, phone number, or email address in the [To](#) field. Matching contacts will appear. Select the recipient or continue typing. Add as many recipients as you wish. If you send the message to an email address, the message will automatically convert from a text to a multimedia message.
3. To add a subject, press the **Menu key** and select [Add subject](#). If you add a subject, the message will convert to a multimedia message.
4. To add an attachment, press the **Menu key** and select [Attach](#). Adding an attachment will always convert the message to a multimedia message. Select from audio or picture files. You can select to take a new picture if you want, or record an audio file. Any recordings you make will be stored automatically in the Music application in a playlist named "My recordings".
To remove an attachment, select the attachment's [Remove](#) button.

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. You can also save a draft.

Save message as draft

1. While composing, press the **Back key**.
2. Your message automatically saves as a draft.
3. To resume composing, in the message list, touch to open the message to edit.

Text and multimedia message settings

To set text and multimedia message preferences, from the message list, press the **Menu key** and select [Settings](#). You can set the following from this screen:

Storage settings

[Delete old messages](#): When the box limits are reached, old messages are removed.

[Text message limit](#): One conversation is limited up to 200 messages.

[Multimedia message limit](#): One conversation is limited up to 200 messages.

Text message settings

[Delivery reports](#): To receive a report on the delivery status of your message, select this check box. 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 SIM card messages](#): 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 phone memory, select this setting.

Multimedia message settings

Delivery reports: To receive a report on the delivery status of your message, select this check box. Status can be:

- 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, select this check box.

Auto-retrieve: To retrieve all your Multimedia messages automatically (the header plus the message will download to your phone), select this check box. If you clear this check box, then only the message headers will be retrieved and display in your message list. You can retrieve the full message by selecting the **Download** button that displays in the header. Once the message has downloaded, select the "play" button to expand the message.

Roaming auto-retrieve: If you are concerned about data traffic and just want the message headers to download while roaming, clear the **Roaming auto-retrieve** check box. Otherwise, you can select this check box to have your messages download even while roaming.

Notification settings

Notifications: To display message notifications in status bar.

Select ringtone

You can set a ringtone from the default ringtone of the handset for new messages.

Vibrate

If you turn the handset into vibration mode, When a new notification and message arrive, the handset will remind you.

Browser

About the Browser

To open the Browser, select the [Browser](#) application in the [Home](#) screen.

The Browser always opens to the last Web page you were viewing. The first time you enter the Browser after powering on, your home page will display. You can change your home page by pressing the **Menu key** and selecting [More](#) > [Settings](#) > [Set home page](#).

Zoom and navigation in Web pages

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

Zoom in

1. Touch the screen to open the zoom-in and zoom-out controls .
2. Touch the **+** control to zoom in. With each touch you zoom in closer.
3. Or put your two fingers on the screen, then drag your fingers in opposite direction.

Zoom out

1. Touch the screen to open the zoom-in and zoom-out controls .
2. Touch the **-** control to zoom out. With each touch you zoom out further.
3. Or put your two fingers on the screen, then drag your fingers in the same direction.

Navigate

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. You can press the **Menu key** and select [Windows](#) to the open window.

Add a bookmark

Bookmark the Web page you are currently viewing:

1. Press the **Menu key** and select [Bookmarks](#).
2. From the Bookmarks screen, select [Add bookmark](#).
3. Confirm the URL and name, then select [OK](#).

Bookmark a highlighted link on a Web page: Press & hold the link to open the context menu, and select [Bookmark link](#).

To view all your bookmarks, press the **Menu key** and select [Bookmarks](#).

Refresh a Web page

To refresh the contents of the current page, press the **Menu key** and select [Refresh](#).

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 the **Menu key** and select [New Window](#). The Current windows screen opens, showing the Web page you started from, plus a "new window".
2. .Your home page opens in a new window.
3. To return to one of the other windows, press the **Menu key** and select [Windows](#). Select the page you want to view.

Close a window

Touch the "X" at right of the window you want to close. Alternatively, you can use the context menu:

Bookmark the page displayed in a window

1. From a Web page, press the **Menu key** and select [Bookmarks](#).
2. Touch & hold the window whose page you want to bookmark. The context menu opens.
3. Select [Add Bookmark](#).
4. Confirm the URL and name, then select [OK](#).

Go to Bookmarks screen

From the Current windows screen, press the **Menu key** and select [Bookmarks](#) to go to your list of bookmarks.

View Browser history

From the Current windows screen, press the **Menu key** to enter [Bookmarks](#) and select [History](#) to go to your Recently-visited pages screen.

Manage bookmarks

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

Bookmark any page

1. Press the **Menu key** and select [Bookmarks](#). The Bookmarks screen opens.
2. Select [Add bookmark](#).
3. Type a name and location (URL) in the dialog box.
4. Select [OK](#).

Send bookmarked page's URL

1. Press the **Menu key** and select [Bookmarks](#). The Bookmarks screen opens.
2. Touch & hold the bookmark you want to send. The context menu opens.
3. Select [Share link](#).
4. Send the link via email or message, and then a Compose screen opens with the URL as the message.
5. Address your message and finish composing.

View bookmarked page

1. Press the **Menu key** and select [Bookmarks](#). The Bookmarks screen opens.
2. Touch & hold the bookmark you want to open. The context menu opens.
3. Select [Open](#) or [Open in new window](#).

Edit bookmark

1. Press the **Menu key** and select [Bookmarks](#). The Bookmarks screen opens.
2. Touch & 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 the **Menu key** and select [Bookmarks](#). The Bookmarks screen opens.
2. Touch & hold the bookmark you want to send. The context menu opens.
3. Select [Delete bookmark](#). You will be asked to confirm.

Bookmark current page

1. Go to a Web page you want to bookmark.
2. Press the **Menu key** and select [Bookmark last-viewed page](#).

Set your home page

You set your home page from the Settings screen:

1. Press the **Menu key** and select [More>Settings](#). The Settings screen opens.
2. In the [Page content settings](#) section, select [Set home page](#) to open the dialog box.
3. Type the URL of the page you want to set as home, then select [OK](#).

Browser history

The [Recently-visited pages](#) (history) screen lists the recent sites you've visited on the Web.

From the Browser screen, press the **Menu key** to select [Bookmarks](#), then select the History tab to view your Web site history.

Select a Web site from the Recently-visited pages list to go to the site.

View the most visited webs

From the Browser screen, press the **Menu key** to select [Bookmarks](#), then select the Most visited tab to view the view the webs you most visited.

Download Web files and applications

Before you download any files or applications using the Browser, note the following:

- Before you download Web applications, you must explicitly "allow" downloading from the Settings screen in Home screen:
 1. Press the **Menu key** and select [Settings](#).
 2. Select [Applications](#), then on the Application settings screen, select the [Unknown sources](#) check box.
- All items downloaded from the Web are stored on your memory card, so be sure you have a card installed in your phone before you download from the Browser.

- The Browser will only allow you to download items that are supported by an application installed on the phone.

Warning: Applications downloaded from the Web can be from unknown sources. To protect your phone and personal data, only download applications from sources you trust, such as Android Market.

View your downloads

To see which files or applications you've downloaded:

1. From the Browse screen, press the **Menu key** and select [More>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

From the Browser screen, press the **Menu key** and select [More>Settings](#) to set Browser preferences.

Page content settings

Text size

Select to open the [Set text size](#) menu. Default setting is Normal, but you can increase the size to [Large](#) or [Huge](#), or decrease to [Small](#) or [Tiny](#). Note that this text size setting only affects pages you view through the Browser.

Default zoom

Select Far, Medium, Close for your browser.

Open pages in overview

Show overview of newly opened pages.

Text encoding

Select a text encoding for your web browser.

Block pop-up windows

Select this check box if you want pop-up windows to be blocked.

Load images

Select this check box if you want images on Web pages to load. For faster page loading, clear this check box.

Auto-fit pages

Select to size pages to the screen automatically.

Landscape-only display

Display pages only in the wider, landscape screen orientation.

Enable JavaScript

Select to enable JavaScript on pages. Disabling JavaScript may cause some Web pages to not work properly.

Enable plug-ins

Select to turn on this function.

Open in background

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

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
- Browser history

- Stored cookie data
- Saved form data
- Location access

Accept cookies

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

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.

Security settings**Remember passwords**

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

Clear passwords

Select [Clear passwords](#) to clear all your saved passwords.

Show security warnings

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

Advanced settings**Website settings**

View advanced settings for individual websites.

Reset to default

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

Dialer & Voice Dialer

About the dialers

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

1. To dial a number using the on-screen dial pad, touch  in the screen.
2. To dial by speaking either a number or contact name, select the [Voice Dialer](#) in the [Application](#) screen or touch&hold the **Call log key** in the Home screen.

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".
2. Get your headset or hands-free car device ready for pairing by following the manufacturer's instructions. (Read more in "Bluetooth")
3. Pair and connect your phone to the Bluetooth headset or car kit.
4. You are ready to use your headset or car kit to place and receive calls.

Make a call by speaking

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

1. Touch  to enter the **Application screen**, then select the [Voice Dialer](#).
2. Wait until you hear a tone and the Voice Dialer reports on the screen that it is "[listening](#)".



3. You can tell the Voice Dialer any of the following:
 - "Dial number", where number can be 3 digits (e.g., 911), 7 digits (e.g., 555-0123), or 10 digits (e.g., 205-555-0123). If you're speaking a phone number, then always say "Dial" before the number.
 - "Call name", where name is a contact stored on your phone in Contacts. If you're speaking a name, then always say "Call" before the name.
 - "Call voicemail" to dial your voicemail number.
 - "Redial" to dial the last outgoing call.
4. Regardless of what you tell the Voice Dialer, you will be asked to confirm your choice from a menu. If you spoke a name with more than one match in Contacts, or if you've stored more than one number for the contact, you'll be asked to select the number.

You can always cancel the call at this point by selecting [Cancel](#) on the dialog box.
5. Once you select or confirm your choice, your call is placed.

Answer an incoming call

To answer a call, simply Call log key, and the Call-in-progress screen appears. Press the **Power & End key** to reject the incoming call.

In-call options

While on a call, press the **Menu key** to reveal the in-call options: Speaker, Mute, and Hold. Note that if Bluetooth services are on and you are connected to a hands-free device, the menu indicator will show Bluetooth on.

Speaker

To use the speaker, press the **Menu key** and select **Speaker** so it shows a green bar. To turn it off, select it again so the bar is unfilled. The status bar will display this icon  when the speaker is on.

Mute

To mute your side of the conversation, press the **Menu key** and select **Mute** so it shows a green bar. To turn it off, select it again so the bar is unfilled. The status bar will display this icon  when Mute is on.

Hold

To put an active call on hold, press the **Menu key** and select **Hold** so it shows a green bar. To resume the call, or take the call off hold, select it again so the bar is unfilled. If you take a call while already on a call, the first call will be placed on hold automatically. The status bar will display this icon  when a call is on hold.

Show dial pad

If you need to enter numbers while on a call (such as to select in-call menu options) slide the dialer tab up .

Multiple calls (Note: if you want to run this feature, your sim-card must be activated on this feature.)

Incoming call during call in progress

1. If you are on a call ("call in progress") when another call comes in ("incoming call"), you have a few choices:

Answer incoming, hold call in progress

The incoming call will display in the foreground.

Press the **Call log key** to answer the incoming call and place the call in progress on hold.

You can also press the **Menu key** and select **Hold**.

To switch calls at any time, press the **Menu key** and select **Swap calls**.

Reject incoming

If you don't want to interrupt your call in progress, then press the **Back key**.

Answer incoming, end call in progress

To end the call in progress and answer the incoming, press the **Menu key** and select **End call**.

End all calls

If you have one call in progress and one caller on hold, to end both calls, press & hold the **Power & End key**.

Conference calling

While on a call, you can have 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.

Call log

The call log is one of the tabs on the Dialer. The Call log displays by default.

- To call any of the numbers in the list, simply select the name or number.
- To clear the entire call log, press the **Menu key** and select [Clear call log](#).
- To clear one call log entry, touch & hold the entry, then select [Remove from call log](#).

Select an entry to start dialing the number. Touch & hold an entry to open the context menu and take these actions:

Display list

Press **Menu** to select Display by group or Display by date. The call list will display by group or date.

Call number

Select to dial this number.

View contact (if stored in Contacts)

Select to open their Contact details screen.

Edit number before call

Select to open the dialer with this number pre-populated and ready for edit.

Send text message

Select to open an SMS/MMS message Compose screen, with the message already addressed to this caller.

Add to contacts (if not stored in Contacts)

Select to add the phone number to your Contacts list. You can select to add a new contact, or

add the number to an existing contact.

Remove from call log

Select to remove only this entry from the call log.

Calendar

To open Calendar service, select the Calendar application in the Application screen. You can view calendar, view month, edit event, etc.

View date

Slide up or down the screen to alter the month. After you enter the month, select one day to view or edit event or slide left or right the screen to view the day.

Create an event

1. From any interface of the calendar, select one day.
2. Type the information in blank you are supposed to fill.
3. After you've finished, press **done** to save the event you have edited.

Go to today

Press **Menu key** to view the calendar of current day.

View an event

With any event edited, there appears a **colored bar** in the date box. Press the date box to view the event.

Camera, Camcorder & Gallery

Before you begin

All the pictures you can capture or view and all the videos you can record or play on your phone are stored on a memory card, which must be installed in your phone. Before you can use the Camera or Camcorder, or view pictures/videos in [Gallery](#), make sure you have a card installed.

Load pictures and videos onto your memory card

Read the instructions below to add pictures or videos to your memory card.

1. Mount your memory card to your computer by doing the following:
Remove the memory card and insert it into a card reader attached to your computer.
2. On your computer, find the mounted USB drive and open it.
3. Copy image or video files into this folder.
4. When finished, close the USB drive window and unmount or eject the drive as required by your computer's operating system.

Camera

Take a picture

Captured pictures are saved to the "DCIM/Photo" folder on your memory card.

1. To open the Camera, select [Camera](#) in the [Application](#) screen.
2. The Camera opens in capture mode. Frame your picture within the screen and hold the phone steady. Press the icon at the right bottom to take a picture.

Take panoramic photos

1. Touch the icon  in the camera screen.

2. Move the handset following the arrow until the line gathers to one point.

View your pictures

To view the pictures you've captured, press the image at the upper-right corner, or in capture mode, press the **Menu key** to select [Gallery](#).

Video Recorder

Record a video

1. To open the Camcorder, select [Camera](#) in the Application screen.
2. Press the icon at the right bottom in the screen to record a video.

Play your videos

To view the videos you've captured, go to the [Gallery](#) application, or in record mode, press the **Menu key** to select [Gallery](#)

The newest video you recorded will display as a small window on the screen, touch the small window, and select [Play](#) to play the video.

Settings of Camera ,Camcorder and Gallery

In capture mode, press the **Menu key** to select [Settings](#),

Store location

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.

Select picture size

Select picture size from 5M, 3M, 2M, 1M,800*600, 640*480.

Select picture quality

Select picture quality from Super Fine, Fine, Normal.

Select scene mode

Select scene from auto, portrait, landscape, night, beach, snow.

Select focus mode

Select focus mode from Macro, single-zone, face-detection.

Select white balance

Select white balance from auto, daylight, fluorescent, cloudy, warm fluorescent

Select color effect

Select color effect from none, mono, negative, sepia.

Select exposure

Select exposure compensation from assorted figures.

Select pan-shot direction

Select pan-shot direction from left-to-right and right-to-left.

Select time stamp

Select time stamp from off, Y-M-D, M-D-Y, D-M-Y.

Select ISO

Select ISO from auto, ISO 100, ISO 200, ISO 400, ISO 800.

Select antibanding

Select antibanding from auto, 50HZ, 60HZ, off.

In camcorder mode, press the **Menu** key to select [Settings](#).

Select video quality

Select the video quality from [Low \(for MMS message\)](#) and [High \(for SD card\)](#).

Select video duration

Select the limited time you can shoot the video.

Select white balance

Select white balance from auto, daylight, fluorescent, warmflurescent, cloudy.

Select color effect

Select color effect from none, mono, negative, sepia.

Gallery

View pictures and videos in Gallery

To view the pictures you've captured, the video you've recorded, as well as any you've stored on your memory card, go to the [Gallery](#) application.

1. To open [Gallery](#), select the [Gallery](#) in the Home screen.
2. Depending on how many pictures and videos you've stored, they may take a few minutes to load.
3. If you've stored your pictures and videos in folders on your memory card, then the folders will display as separate "albums". The top album always contains all the pictures in all the albums, and the second one always contains all the videos in all the albums.
Select an album to view the pictures and videos.
4. To open a picture in full-screen view, touch the picture. Once in full-screen, select the arrows to scroll through the pictures within that album.

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

1. Touch the screen to open the zoom-in and zoom-out controls .
2. Touch the + control to zoom in. With each touch you zoom in closer.
3. Or put your two fingers on the screen, then drag your fingers in opposite direction.

Zoom out

1. Touch the screen to open the zoom-in and zoom-out controls .
2. Touch the – control to zoom out. With each touch you zoom out further.
3. Or put your two fingers on the screen, then drag your fingers in the same direction.

Scroll through pictures in full-screen view

Touch the screen to reveal the left and right arrows, then touch an arrow to go to the previous or next picture.

Picture options

You can do the following while in [Gallery](#).

Note: In all the instructions below, you can touch & hold a picture to open the context menu to access all actions, rather than open the picture in full-screen view.

Play slideshow

1. In all-picture view, press the **Menu key** and select [Slideshow](#).
2. Your slideshow begins.
3. To stop the slideshow you can do one of the following:
 - Press the **Back key** - Takes you to thumbnail view.
 - Touch the screen - Shows picture in full-screen view.
4. To begin the slideshow again, press the **Menu key** and select [Slideshow](#). If you stopped the slideshow, it will resume where you left off.

Select one picture and enter it, then you can view it in full-screen.

Share a picture

1. In full-screen view, press the **Menu key** and select [Share](#).
2. Select to share your picture via email, Messaging (MMS), etc.
3. The relevant compose screen opens.
4. Complete your message and send it.

Rotate picture

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

Delete picture

1. In full-screen view, press the **Menu key** and select [Delete](#).
2. The picture will be removed from the memory card after you confirm.

Crop picture

1. In full-screen view, press the **Menu key** and select [Crop](#).
2. Touch & hold an edge of the cropper to reveal the sizing arrows, then drag the edge in or out to size. Touch & drag the center of the cropper to move it within the picture.
3. When you are happy with the cropped area, select [Save](#). Select [Discard](#) to cancel the crop.
4. The cropped picture is saved to [Gallery](#) as a copy. Your original is not touched.

Set as wallpaper or contact icon

1. In full-screen view, press the **Menu key** and select [Set as](#).
2. From the menu that opens select [Wallpaper](#). Or select [Contact icon](#) to open the contact list, and then select the contact you want to associate with the picture.
3. Touch & hold an edge of the cropper to reveal the sizing arrows, then drag the edge in or out to size. Touch & drag the center of the cropper to move it within the picture.
4. When you're happy with the cropped area, select [Save](#).

View picture details

1. In full-screen view, press the **Menu key** and select [More > Details](#).
2. The picture details window opens. You can see the title, resolution, file size, and date of the picture.

Show picture on maps(pictures should include location information)

In full-screen view, press the **Menu key** and select [More > Show on maps](#)

Settings

In the Gallery main screen, press the **Menu key** and select [Settings](#).

Display size

The individual pictures and videos display in a grid in thumbnail format.

You can select the picture or video display sizes from [Large](#) or [Small](#).

Sort order

You can select to sort pictures and videos with the newest one first or newest one last.

Confirm deletions

Select this check box if you want a confirmation dialog box to appear after you select to delete a picture or video.

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 selection](#) (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.

Music & Video player

Music

Your library of music

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.

Supported music formats

Your phone will play the following music file formats:

- MP3
- MIDI
- AAC
- AAC+
- AMR

Load music onto your memory card

All the music you can listen to on your phone is stored on a memory card. Read the instructions below to add music to your memory card.

1. Mount your memory card to your computer by doing one of the following:
Remove the memory card and insert it into a card reader attached to your computer
2. On your computer, find the mounted USB drive and open it.
3. Although your phone will find all music files on your memory card, it's advisable to keep the number of files or folders at the root level to a minimum. So, if you wish, create a folder at the

top-level called "music" (or whatever you want) to store your files.

4. Open this folder and copy music files into it. If you want, create folders within "music" to organize your music further.

When finished copying, close the USB drive window and unmount or eject the drive as required by your computer's operating system.

Play back music

At any level in your Library, touch & hold a listing (a song, artist, album, or playlist) to open the context menu. Select **Play** to begin play and go to the Playback screen.

You can do the following using the Playback screen:

Shuffle songs

Shuffle plays songs in random order. Touch  to toggle shuffle on and off. When the icon is grey, shuffle is off.

Repeat mode

Touch  to step through repeat modes:

Repeat all songs:  (green icon)

Repeat current song:  (green icon)

Don't repeat:  (grey icon)

Go to any point in song

Slide fingertip in progress bar to desired point in a song.

Pause/resume play

Touch  to pause;  to resume play.

Fast forward

Touch & hold .

Go to next song

Touch once 

Rewind

Touch & hold 

Go to beginning of song

Touch once 

Go to previous song

Touch twice 

View current playlist

Touch 

Party shuffle

To start "party shuffle" (all the songs in your library are added to a playlist in random order), press the **Menu key** and select [Party shuffle](#). To exit party shuffle, press the **Menu key** and select [Party shuffle off](#).

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 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. Also, if you make any voice recordings as part of a MMS message, they will be stored automatically in a playlist called "My recordings".

Create a playlist on your phone

1. From the Library, select a category.
2. From the list that appears, touch the artist, album, or song that you want on a playlist.
3. Touch & hold the 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 [Playlists](#).
2. All your playlists appear. You can do the following from this screen:

Play songs in list

Select the playlist.

Delete playlist

Touch & hold the playlist to open the context menu.

Select [Delete](#).

Rename playlist

Touch & hold the playlist to open the context menu.

Select [Rename](#).

Open the keyboard (if not already open) and type the new name.

Select [Save](#).

Create ringtones from songs

You can set any of your songs as a phone ringtone:

1. From the Library, select a song you want to use as a phone ringtone.
2. Touch & hold the song in the list to open the context menu.
3. Select [Use as phone ringtone](#). The ringtone is set as your default incoming call ringtone.
4. Or in the play mode, Press **menu** to select [Use as ringtone](#).

Delete music from memory card

All the music you play on your phone is stored on the inserted memory card. From your phone,

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. Touch & 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.

Video player

Select [Video player](#) in the [Application](#) screen to open the Video player application. The video list appears.

Watch videos

To play a video, touch it with your fingertip.

While you are watching a video, touch the screen to reveal the transport controls.

Pause/resume play

Touch to pause ;  to resume play.

Fast forward

Touch .

Rewind

Touch .

Progress bar

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

Go to next video

Touch once .

Go to previous video

Touch once .

Adjust volume

Press the Volume keys to adjust the volume.

Search for videos

To find a video by typing a keyword, press the **Menu key** and select [Search](#). The search window appears. Type your keyword, then tap the magnifier to start to search.

Settings

Screen pixel: Set the size of video-playing.

Refresh media store: Update the media store manually.

Play circularly: Set to play the videos circularly.

Select play settings: Set to play all the videos or only one video.

Local search: to search for a video in your handset or SD card.

ATV

You can watch mobile TV by this feature wherever you are.

Note: When watching ATV, please stretch out the antenna to get a better signal.

Icon definition

 Zoom in&out the screen.

 Change to previous channel.

 Change to latter channel.

 Search for channel.

 Channel list.

 Adjust the volume

Wireless Tether

This feature can make your device become a wireless network launcher.

1. Turn on [Wireless Tether](#) in the [application](#) screen.
2. Press the icon in the middle of screen to start. Once you start this feature, your device will reboot. Then Wireless Tether is in the state of running.
3. From another device, you can find wireless network launched from your device and connect to browse the internet.

Tools

Alarm Clock

To open alarm clock, select the [Clock](#) in [Application](#) screen. The Alarm clock offers as many alarms as you want.

Set an alarm

Select default alarm to change the time or select [Add alarm](#) to add new alarm.

Time

The time the alarm will go off is shown. To change this time, select [Time](#) to open the time selector. Tap the [+](#) or [–](#) buttons and the [AM/PM](#) button to set the time you want, then select [Set](#).

Tip: Touch & hold the [+](#) or [–](#) buttons to move through the numbers quickly.

Ringtone

The current ringtone selection is shown. Select [Ringtone](#) to pick another ringtone that will play when the alarm rings. (When you select a ringtone, it plays briefly.)

Vibrate

Select this check box to have your phone vibrate when it goes off.

Repeat

The current repeat selection is shown. To change the setting, select [Repeat](#) and make a selection from the menu. To have your alarm will only go off once at the set time, don't select any of the options. A one-time alarm is shown on the Alarm Clock screen without any days under the set time.

Label

To name an alarm, select [Label](#), then touch the textbox to change the label, then select [OK](#) to save it.

Delete alarm

To delete the alarm, press&hold one alarm and select [Delete alarm](#).

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

Add more alarms

To add more than three alarms, from the main Alarm Clock screen, press the **Menu key** and select [Add alarm](#).

Calculator

To open Calculator, select the [Calculator](#) application in [Application](#) screen.

The Calculator offers two panels: basic and advanced. Switch back and forth between panels by pressing the **Menu key** and selecting [Advanced panel](#) or [Basic panel](#), as you wish.

Calculator panels

Two calculator 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 the **Menu key** 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.

- To delete numbers, one at a time, touch [CLEAR](#) on the screen.

File Manager

Select [File Manager in the Application screen](#) to view the files in your phone or memory card.

Note: The files in your phone can not be operated.

1. Touch [SD card](#) to open the folder. Touch and hold the screen to open the context menu, select [New Folder](#) to create a new folder. Or touch and hold a folder to open the context menu, then you can copy, cut, paste, rename, or delete the folder.
2. Touch and hold a file to open the context menu, you can copy, cut, paste, send, rename the file, view the detail or delete the content in the file.

Search file

The directory of the folder you visited shows on the upper side of the screen. Touch the rightmost icon to open the search textbox, input the file name you want to search in this folder, then press the magnifier to start searching.

Back to pre-directory

Touch the icon of the pre-directory on the upper side of the screen to go back to pre-directory.

FM radio

Tip: The FM radio uses the headset wires as an aerial, so the radio will not work unless the headset is connected.

To open FM radio, select the [Fm radio](#) application in the [Home](#) screen.

Background play mode

1. In FM radio, press the **Menu key** to select [Play in Background](#), or press the **Back key** to return to the Home screen and play the FM radio in background mode.
2. If you want to turn off the FM radio, open the Fm radio application first, then press the **Menu key** to select Exit to turn off the radio.

Turn on/off the speaker

In FM radio, press the **Menu key** to select **Speaker** to listen to the radio with speaker; select **Speaker** again to listen to the radio with headset.

To listen to the radio

In FM radio, touch  and , to switch among the channels you saved in the channel list.

Search channel

In FM radio, press the **Menu key** to select **Seek**, enter the frequency of the radio channel, and select **OK** to search.

Adjust the volume

In FM radio, press the Volume keys to adjust the volume.

Settings

Channel settings

Auto save channel – Select to auto save channel when current channel is valid.

Show channel list – Select to view the channels you saved.

Stereo settings

Auto stereo-It will be better in a weak signal area to Disable this option.

Battery Information

Type	Capacity
Li-polymet	1500mAh

- The battery life depends on many factors, including the SIM card, network conditions, settings , usage and enviroenment.
- Making calls, turning on the backlight and multimedia player will consume more battery power.
- The standby time is shorter when the network is not available than in the standard status.
- For power saving, the backlight turns off automatically if your phone stands idle for an assigned time.
- The performance of battery varies with the charging status, temperature, local radio wave and backlight status.

Accessories

Safety of the battery

1. Please use the battery provided by the original manufacturer. Use of any other battery will invalidate the warranty and the manufacturer of the phone will take no responsibility in repairing the phone damaged by the use of unapproved fittings.
2. Please keep any metal things (e.g. Keys in your pocket) away from the contact point of your battery to avoid short circuits.
3. Do not bend or open the battery by force
4. Please keep the battery away from water or fire.
5. The battery can not be charged in very hot or very cold locations as extreme temperatures can adversely affect the battery.

Data cable

Only use the data cable approved by the phone manufacturer. The use of any other types would invalidate any approval or warrant applying to the phone and could be dangerous.

Caution:

Use the mobile phone in the environment with the temperature
Between -10 °C and 45 °C; otherwise, it may damage your phone. It can be
operating under 2000m.

For the following equipment: HSDPA/WCDMA/EDGE/GPRS/GSM

850/900/1800/1900/2100MHz BT/WiFi/GPS Mobile Phone



is in compliance with the essential requirements and other relevant
provisions of Directive 1999/5/EC.

The equipment was passed. The test was performed according to
the following European standards:

EN 301 489-1 V1.8.1 :2008
EN 301 489-7 V1.3.1: 2005
EN 301 511 V9.0.2 :2003
EN 50360:2001&EN 62209-1:2006
EN 60950-1: 2006+A11: 2009
EN 301 489-24 V1.4.1: 2008
EN 301 908-1 V3.2.1: 2007
EN 301 908-2 V3.2.1: 2007
EN 301 489-3 V1.4.1 :2002
EN 300 440-1 V1.4.1:2008
EN 300 440-2 V1.2.1:2008
EN 300 328 V1.7.1:2006

EN 301 489-17V1.3.2: 2008
EN 50371: 2002
EN 62311 :2008

Listening to music at high volume levels and for extended durations can damage one's hearing. In order to reduce the risk of damage to hearing, one should lower the volume to a safe, comfortable level, and reduce the amount of time listening at high levels.

The product shall only be connected to a USB interface of version USB2.0 or higher and that the connection to a power USB is prohibited.

Adapter shall be installed near the equipment and shall be easily accessible.

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

Federal Communication Commission Interference Statement

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

---Reorient or relocate the receiving antenna.

---Increase the separation between the equipment and receiver.

---Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

---Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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 device and its antenna(s) must not be co-located or operating in conjunction with any other

antenna or transmitter.

Federal Communication Commission (FCC) Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

This EUT is compliance with SAR for general population/uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C. This equipment should be installed and operated with minimum distance 1.5cm between the radiator & your body.