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Safety

Never attempt to disassemble your phone. You alone are responsible for how you use your phone and any consequences of its use.

As a general rule, always switch off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

Do not use your phone in damp areas (bathroom, swimming pool...). Protect it from liquids and other moisture.

Do not expose your phone to extreme temperatures lower than - 10°C and higher than + 55°C.

The physicochemical processes created by chargers impose temperature limits when charging the battery. Your phone automatically protects the batteries in extreme temperatures.

Do not leave your phone within the reach of small children (certain removable parts may be accidentally ingested).

Electrical safety: Only use the chargers listed in the manufacturer's catalogue. Using any other charger may be dangerous; it would also invalidate your warranty. Line voltage must be exactly the one indicated on the charger's serial plate.

Aircraft safety: When traveling by plane, you will need to switch your phone off when so instructed by the cabin crew or the warning signs.

Using a mobile phone may be dangerous to the operation of the aircraft and may disrupt the phone network.

Its use is illegal and you could be prosecuted or banned from using cellular networks in the future if you do not abide by these regulations.

Explosive materials: Please comply with warning signs at petrol station asking you to switch your phone off. You will need to comply with radio equipment usage restrictions in places such as chemical plants, fuel depots and at any location where blasting operations are under way.

Electronic equipment: To avoid the risk of demagnetization, do not let electronic devices close to your phone for a long time.

Electronic medical equipment: Your phone is a radio transmitter which may interfere with electronic medical equipment or implants, such as hearing aids, pacemakers, insulin pumps, etc. It is recommended that a minimum separation of 15 cm be maintained between the phone and an implant. Your doctor or the

manufacturers of such equipment will be able to give you any advice you may need in this area.

Hospitals: Always make sure that your phone is switched off in hospitals when so instructed by warning signs or by medical staff.

Road safety: Do not use your phone when driving. In order to give your full attention to driving, stop and park safely before making a call. You must comply with any current legislation.

Distance of operation: This phone model has been tested and meets radiofrequency exposure guidelines when used as follows:

- Against the ear: Place or receive a phone call and hold the phone as you would a wire line telephone.
- Body worn: When transmitting, place the phone in a carry accessory that contains no metal and positions the phone a minimum of 2.5 cm from your body. Use of other accessories may not ensure compliance with radiofrequency exposure guidelines. If you do not use a body worn accessory and are not holding the phone at the ear, position the phone a minimum of 2.5 cm from your body,
- Data operation: When using a data feature, position the phone a minimum of 2.5 cm from your body for the whole duration of the data transmission.

Environment

Packaging: To facilitate the recycling of packaging materials, please obey the sorting rules instituted locally for this type of waste.

Batteries: Spent batteries must be deposited at the designated collection points.

The product: The crossed-out waste bin mark affixed to the product means that it belongs to the family of electrical and electronic equipment.

To promote the recycling and recovery of waste electrical and electronic equipment (WEEE) and at the same time safeguard the environment, European regulations require you to obey the sorting rules instituted locally for this type of waste.

1 Getting Started

1.1 Getting to know your touch phone

1.2 Installing the SIM card and storage card

To install the SIM card

Turn off the phone, pull out card slot.

Add the SIM card according to instruction on the card slot.

When you need to remove the SIM card, please shut down.

*** Note:** • **The phone can be supported the double SIM cards.** Your phone is supported both 2G SIM card and 4G SIM card.

If you need to use 4G operation, please insert 4G card in the card slot 1 (Default SIM1 card, defined in the menu Settings/more/Cellular networks/Preferred network type, the SIM2 card will be supported 2G network only.

• Some legacy SIM cards may not function with your device. You should consult with your service provider for a replacement SIM card. There may be fees for this service.

To install a memory card

Turn off the phone and pull out the card slot.

Add the memory card according to instruction on the card slot.

1.3 Charging the Battery

New batteries are shipped partially charged. Before you start using your device, it is recommended that you charge the battery. Some batteries perform best after several full charge/discharge cycles.

Note: Only the AC adapter and USB sync cable provided with your device must be used to charge the device.

Connect the USB connector of the AC adapter to the sync connector on your device, and then plug in the AC adapter to an electrical outlet to start charging the battery.

As the battery is being charged while the device is on, a charging icon appears in the title bar of the Home screen. After the battery has been fully charged, a full battery icon appears in the title bar of the Home screen.

Warning: • As a safety precaution, the battery stops charging before it overheats.

1.4 Starting up the device

Power on/off

To power off your phone, press & hold POWER. On release, the Phone options menu opens. Select 'Power off' and confirm.

To power on again, press & hold POWER.

Silent mode

To silence your phone, press Settings > Sound & notification. Select 'Silent' check box.

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. On the Home screen, select Settings.
2. Select Display option.
3. Select Sleep. Select a time from the menu.

Lock screen & put phone to sleep

Except when on a phone call, from any screen, press POWER (immediately).

While not on a call, to lock your control buttons and screen from accidental touch activation, press POWER.

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. On the Home screen, select Settings.
2. Select Security and then Select Choose screen lock.
3. Set or change your unlock pattern by selecting either Set unlock pattern or Change unlock pattern, as applicable.
4. 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.

Home screen

1. The Home screen actually extends beyond the screen width. On Home screen, slide your fingertip left or 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.

2. Create Home screen shortcuts and widgets:

- From the Home screen, touch the menu button to select 'WIDGETS', the widgets menu opens.
- Select the widget you want to display on home screen, then touch & hold an application icon. It can be added to the Home screen; back to the home screen to see it.

3. To remove a shortcut or widget from your Home screen, touch & hold the item to enter "remove". 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.

4. Move objects on the Home screen

- 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.
- 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.

1.5 Status Icons

Connection status icons

Along the top of your phone screen is the status bar. Icons will appear, notifying you of a new message, Missing call, or something else you should notice.

	GPRS service connected, data flowing		Song is playing
	4G service connected, data flowing		Ringer is off (Vibrate only)
	SMS/MMS		WLAN service connected
	Call in progress		Wireless services are off (Airplane mode)
	Missed call		Phone on mute

	Alarm is set		Battery electric quantity
	Bluetooth is on		Battery is charging
	Connected the PC		Connected the earphone

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.

To open the message, reminder, or other notification, you can touch the items. To close the notifications window, slide your finger up the screen.

Notes: On the home screen, touch the bar and slide your finger down the screen to open the list of notifications displayed in the sliding window, you can touch the icon on the top of the screen (such as Wi-Fi, Bluetooth, Data connection, Airplane mode, Brightness) to open or close the selected function, sliding your finger left or right to select more functions.

2 Using phone features

2.1 Turning the phone function on and off

To enable or disable Airplane Mode

In many countries, you are required by law to turn off the phone while on board an aircraft. Another way to turn off the phone function is to switch your device to Airplane Mode.

When you enable Airplane Mode, all wireless radios on your device are turned off, including the phone function, Bluetooth, and WLAN.

1. Touch Settings > More... > Airplane mode.
2. Touch 'Airplane mode' to enable or disable.

When you disable Airplane mode, the phone function is turned back on and the previous state of Bluetooth and WLAN are restored.

Adjusting the volume

Press Volume button on the side of the phone to show the volume screen.

If the phone is in vibrating mode, the voice will be muted automatically and the device will vibrate when there is an incoming call.

2.2 Making a call

On Home screen, touch Phone to enter the dial screen.

Touch the on-screen dial pad to enter a number, touch 'Delete' button to delete numbers you've entered. Touch & hold to delete all the numbers in the field.

To dial a number, touch 'Voice Call' button to select SIM1 card or SIM2 card to make a call. To end a call, touch 'END' button (Red icon).

1. Call log tab: Select an entry listed in the log to call the number.
2. Contacts tab: Contacts with phone numbers are listed. Select a contact, and then select the phone number to dial the call.

2.3 Answering and Ending a call

When you receive a phone call, the incoming voice call screen will appear, allowing you to either answer or ignore the call.

1. To answer an incoming call, slide 'ANSWER' (blue icon) button rightward.
2. To reject a call, slide 'REJECT' button (Red icon) button leftward.

2.4 In-call options

While on a call, reveal the in-call options: Speaker, Mute, Hold, End.

Note that if Bluetooth services are on and you are connected to a hands-free device, the more menu indicator will show Bluetooth on.

1. Speaker: To use the speaker, select 'Speaker' so it shows a blue 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.

2. Mute: To mute your side of the conversation, select 'Mute' so it shows a blue bar. To turn it off, select it again so the bar is unfilled. The status bar will display

this icon when Mute is on.

3. Hold: To put an active call on hold, select 'Hold' so it become regain. 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.

4. Add call: If you need to enter numbers while on a call, touch 'Add call'.

5. Incoming call: During call in progress, if you are on a call ("call in progress") when another call comes in ("incoming call"), you have a few choices:

- Answer the incoming call and place the call in progress on hold. To switch calls at any time, touch 'Swap calls'.
- If you don't want to interrupt your call in progress, then touch 'END'.
- If you have one call in progress and one caller on hold, to end both calls, touch 'End all'.

*6. 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.

Note: Whether the group call function can be used depends on whether the network operator supports and provides such function as well as whether you have applied for such function. Please contact network operator for details.

2.5 Using call history

1. The missed call icon  appears in the title bar when you missed a call.
2. Use 'Call log' tab to check who the caller was, or view all your dialed numbers, and received calls. To open 'Call log' tab, touch 'Call log' button in the phone screen to enter the call history list.
3. Scroll to select the contact or number you want to dial, touch 'Call' button.
4. Tap and hold the selected contact you want to call, and then you can make to do the following options of call, edit number before call, send text message, add to contacts or remove from call log phone on the shortcut menu.

3 Setting on your device

Control phone-wide settings from Settings.

3.1 Wireless & networks

SIM cards

You can select to activate or deactivate the SIM card you want to open.

Set the default SIM to use Voice call, Messaging and Data connection.

Wi-Fi

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

Wi-Fi settings: Open the Wi-Fi settings screen; select it from the network list. Provide your username or password if required.

Bluetooth

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:

- Rename your device.
- Select to be discoverable for up to 120 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.
- Rescan for devices.

More...

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.

Mobile networks

- Select data roaming capability.
- Select a wireless operator network - Scan for all available networks, or select a network automatically.
- Add or edit network Access Point Names (APNs) - Do not change this setting unless advised to do so by your wireless operator!

3.2 Device

Sound & notification

Select one user profile and enter the following options:

Vibrate: Select to have your phone vibrate for incoming calls.

Volume: Select to open the volume control, and then slide your finger along the volume bar to set an incoming call ring volume or alarm, playing back music, videos.

Voice ring tone: Select to decide on a ring tone to use for incoming calls. Note that you can override this setting for individual contacts in the Edit contact details screens.

Notification ring tone: Select a ring tone to use for a notification (e.g., new message). Note that you can override this setting for new Calendar event notifications, text and multimedia message notifications. Go to the applications settings screens to select specific ring tones.

Display

Brightness: Select to open the brightness control, and then slide your finger along the brightness bar to set the level. In sunlight, increase the level.

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

Storage

View and manage the data storage on your phone.

Memory card: Monitor and manage the use of your Memory card from this screen: 1. View how much space you are using on your memory card. 2. Select to use your memory card as USB mass storage when your phone is connected to your computer (selected by default) 3. Unmount /eject your memory card from your phone. Note that when your phone is connected to your computer via USB, you cannot view pictures or play any media stored on the card from your phone. Internal phone storage: Reports how much internal storage is free.

Applications

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.

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

Development: If you are an application developer, you may be interested in these settings: 1. USB debugging: If you want be able to communicate with your phone directly via USB, select 'USB debugging' check box. 2. Stay awake: To prevent your phone from sleeping while charging (via power adapter or USB), select 'Stay awake' check box.

3.3 Personal

Location

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.

Security

Screen unlock pattern: Create a pattern you will be asked to draw before your screen will unlock. 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.

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.

Add account

You can add account to synchronize your contacts or photos.

Backup & reset

You can select to reset your phone to factory settings. This will erase all your data from the phone and require you to sign in and go through the setup screens to use any of the applications.

3.4 System

Date & time

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.

About phone

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.

View the model number and version information for your phone.

4 ActiveSync

4.1 Data synchronization

Some applications on your phone (Contacts and so on) give you access to the same personal information that you can add, view, and edit on your computer using 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 phone, and vice versa. Also, if you lose your phone or if your phone is destroyed, your personal information is not lost and will appear, as before, on a replacement phone.

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 status 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 phone that allow you to control data sync.

Sync by application

To control synchronization Contacts, you can do the following:

1. On the Home screen, select Settings.
2. Select Accounts. First you choose add account, then add account you

have. 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 Contacts will sync whenever you make a change or receive a new message. You can change this behavior:

Auto-sync: When selected, Auto-sync will sync Contacts automatically, as you make changes or receive new messages. When OFF, information will not be synced automatically, although you can force sync by using the individual application check boxes described below.

4. Sync problems:

If you see this icon  to the left of the sync check box, then there was a temporary problem with the data synchronization. Check your data connection and try again later.

4.2 Bluetooth

You can use Bluetooth to send and receive calls using a headset or hands-free car kit.

Turn on Bluetooth services

1. On the Home screen, select Settings.
2. Select Bluetooth, and then select ‘Bluetooth’ check box to turn on Bluetooth services.
3. When on, the Bluetooth icon appears in the status bar.

Discoverability

By default, your phone is not “discoverable”. This means other Bluetooth devices will not see your phone in their scans for Bluetooth devices. If you make your phone discoverable, it will be visible to other Bluetooth devices for up to 120 seconds.

To make your phone discoverable:

1. Make sure you have turned Bluetooth on.
2. Select Settings >Bluetooth> Bluetooth settings.
3. Select ‘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’ again during the 120 seconds, or leave the Bluetooth

settings screen, to make your phone undiscoverable.

Name your Bluetooth device

1. Make sure you have turned Bluetooth on.
2. Select Settings > Bluetooth > Bluetooth settings > Device name.
3. Type the name for your device in the dialog box, and 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.
2. Select Settings > Bluetooth > Bluetooth settings.
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 PIN and then select 'OK'.
6. Once paired, select the device name to connect. You can also touch & hold the name to open the context menu, and then select 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 Disconnect or 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, select 'Scan for devices'.

5 Contacts

The contacts on your phone are synced with your account contacts stored on the Web.

To view the contacts on your phone, select Contacts.

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. Browse through your contacts by sliding your fingertip up and down on the screen. Another way to find a contact quickly is to use “SEARCH” button, input the first letter of the name you’re looking for and touch search icon, the matching contacts are appeared on the screen.

From the Contacts tab, you can:

1. Take action on a contact: Touch 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.
2. Go to Contact details: Select the contact’s name to open the Contact details screen, where all screen the information you’ve saved for this contact is displayed.

Add a contact

1. On the Home screen, select contacts. Your contact list appears.
2. Touch the + icon on the bottom of the screen to add new contact.
3. 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 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 another field’.
4. You can assign a Caller ID icon to your contact by touching Caller ID icon. The Pictures application opens. Navigate to a picture and select it, size the cropper with your fingertips. When finished, select ‘Crop’. The picture is associated with your contact. If you do not assign an icon, a default android icon will be assigned.

5. To save your contact, press BACK, or touch 'Done'.

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 the contact you want to add to Favorites to open the Contact details screen.
2. Touch the star icon on the right-top screen, and the color of star is changed from grey to white.
3. Now your contact will be listed in Favorites.

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 '. The Edit contact screen appears.
3. Make your edits, then press 'DONE'.

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.

1. Call a contact: From the contact list, touch the contact you want to open the Contact details screen. Touch the call number directly to dial that contact's primary number (first in the list on their details screen).
2. To dial a different number for the contact, select the contact's name, and then select the number on their details screen and then touch the call number that you want.
3. Send a text or multimedia: To send a text or multimedia message to a contact, you must have a message to a contact mobile number stored for them in contact details. From the Contact details screen, select a phone number and click 'Message' icon. A Compose screen opens for your new message. Complete your message and select 'Send'.

4. 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.

- Select the contact you want to email. Their Contact details screen opens.
- In the Send 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.
- Complete your message, select 'Send'.

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. From the contact list, press '⋮' to select 'Import/export', you can select to import from SIM card or memory card, once the list of names and numbers appears you can:

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)

6 Exchanging Messages

6.1 SMS and MMS messaging

To open the SMS & MMS Messaging application, on the Home screen, 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 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.

View the message from the message list

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.

1. Reading multimedia messages

If you have selected to auto-retrieve your multimedia messages, then both the message header and body will download.

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 downloaded, select “Play” button to view the message.

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

1. To view details about a particular message, in the Read view, touch & hold the message to open the context menu. Select View details.
2. Reply to a message: Simply start typing your message in the text box at the bottom of the screen to reply to a message. You can always add a subject or an attachment to convert it to a multimedia message. Select ‘Send’ when ready.
3. 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.
4. 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, touch & hold the individual message you want to delete to open the context menu. Delete all messages in a thread - With the message thread open in Read view, press MENU > Delete. You can also delete an entire thread from the message list by pressing & holding the thread to open the context menu, then select ‘Delete’.

Delete all message threads - From the message list, press MENU and select

Delete all threads.

Compose text and multimedia messages

1. Press '+' icon to make 'New message'. 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 MENU and select 'Add subject'. If you add a subject, the message will convert to a multimedia message.
4. To add an attachment, press '+'. 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 play list 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. Select 'Send' when ready. You can also save a draft.
7. As your message sends, progress displays in the title bar. If you see this icon to the right of the message, it means your message is still being delivered.

Save message as draft

While composing, press BACK, your message automatically saves as a draft.

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:

1. Notification settings

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

Select 'Notifications' check box to receive a notification in the status bar when a new message arrives. If you want your phone to ring when a new message arrives, select that check box as well. Select Ring tone to open the ring tone menu and select a ring tone specific to new text and multimedia message

notifications. Note that when you check a ring tone, it plays briefly.

If you want your phone to vibrate when you receive a new message, select 'Vibrate' check box.

2. Text message settings

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

Manage SIM card messages: Text messages can also be stored on your SIM card. The exact SIM card 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.

3. Multimedia message settings

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

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 MMS 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.

6.2 POP3 and IMAP email accounts

Add an email account

You can fetch messages from up to five POP3 or IMAP accounts. Follow these steps:

1. On the Home screen, select 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 as you want it to display on outgoing messages. You must complete this field before you can select 'Next' and go to your Inbox.

For less popular accounts, follow the prompts to type the email server, protocol, and other account information yourself. After your account settings have been verified, select 'Next' to go to your Inbox.

6. To add more accounts (up to five), from an Inbox or your Accounts screen, select 'Add account'.

Use your POP3 and IMAP email account

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

1. Refresh Inbox: From the Inbox, Slide down the phone screen to update your Inbox with any previously-unfetched email.

2. Read email: You can display or collapse the messages in your Inbox by selecting Inbox. Unread messages display with a colored band. (Each account you add will use a different color.)

3. Forward, Reply, Reply all: You can forward, reply, or reply all to an email message from the Inbox. From the Inbox, touch & hold the message to open its context menu. Select the action you want to take.

4. Compose new

From the Inbox: 1. Press 'pencil' icon 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 BACK will also save as draft unless you have not typed anything.

5. Delete message

From the Inbox: 1. Expand the Inbox to display the messages. 2. Touch & hold the message you want to delete. 3. Select 'Delete'. 4. Your message is moved to the Trash.

6. Empty Trash: Once you've moved a message to the Trash, to empty messages in the Trash you must delete each message individually. Press MENU and select 'empty trash' to empty.

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

Edit account settings

To open your Account settings screen, do the following:

1. From your account Inbox, press '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.

Incoming server settings: Select Incoming settings if you need to edit the username/ password, server, port, or option to delete email from server.

Outgoing server settings: Select Outgoing settings if you need to edit the SMTP server, port, security type, option to require sign-in, or username/password.

Add another POP3 or IMAP

To add another account (you can add up to five), go to your Inbox, press 'settings'. Your Accounts screen opens.

Select 'Add account' to add another account.

7 Internet

7.1 Ways of Connecting to the Internet

Your device's networking capabilities allow you to access the Internet or your corporate network through WLAN, 4G (if SIM card supported).

You can also add and set up a VPN or proxy connection.

Wi-Fi

Wi-Fi provides wireless Internet access over distances of up to 100 meters (300 feet). To use Wi-Fi on your device, you need access to a wireless access point or "hotspot".

Note: The availability and range of your device's Wi-Fi signal depends on the number, infrastructure, and other objects through which the signal passes.

7.2 Browser

To open the Browser, select Browser icon on 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 MENU > Settings > General > Set homepage.

The Browse screen

From the Browse screen you can do the following:

1. Go to a Web page: Make sure the focus is not on a text box and then start typing the URL.

2. Add a bookmark: Bookmark the Web page you are currently viewing:

- Press MENU and select 'Save to bookmarks'.
- Confirm the URL and name, and then select 'OK'.

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

3. Refresh a Web page: To refresh the contents of the current page, press MENU 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: From a Web page, press the icon on the bottom-right. The Current windows screen opens, showing the Web page you started from, your home page opens in a new window. To return to one of the other windows, press the icon. Select the page you want to view.

Manage bookmarks

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

Press MENU and select 'Bookmarks'. The Bookmarks screen opens.

1. Bookmark any page: Select 'Add to bookmark'.
2. Send bookmarked page's URL: Open the bookmark you want to share, press MENU .Select 'Share page '. The context menu opens .Choose Email or Bluetooth or Message, edit the information then sent.
3. View bookmarked page: Touch & hold the bookmark you want to open. The context menu opens. Select View page or Open in new window.
4. Edit bookmark: Touch & hold the bookmark you want to e open. The context menu opens. Select 'Edit bookmark'. The edit bookmark dialog box opens. Type your change and select 'OK'.
5. Delete a bookmark: Touch & hold the bookmark you want to open. The context menu opens. Select 'Delete bookmark'. You will be asked to confirm.
6. Bookmark current page: Press MENU and select 'Bookmarks / History '. The Bookmarks/ History screen opens. Press History and select the last-viewed page, Touch the URL of the page, the page open.

Download Web files and applications

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

1. Before you can download Web applications, you must explicitly "allow" downloading.
- On the Home screen, select Settings > security, then select 'Unknown sources' check box.
2. All items downloaded form 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.
3. 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.

8 Experiencing Multimedia

8.1 Camera & Picture

All the pictures you can capture or view on your phone are stored on memory card, which must be installed in your phone. Before you can use the Camera or view pictures in Pictures, make sure you have a card installed.

Load pictures onto your memory card

Read the instructions below to add pictures to your Memory card or the phone storage.

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. 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. To organize pictures into albums that will display in the Pictures application, create a folder and copy pictures there for each album you want to display.
5. When finished, close the USB drive window and eject the drive as required by your computer's operating system.

Take a picture

Captured pictures are saved to the “DCIM” folder on your memory card or the phone.

Tip: Before you take a picture, wipe the sensor window (on the back cover) to remove any small amounts of oil.

1. To open the Camera, on the Home screen, select Camera icon.
2. The Camera opens in capture mode. Frame your picture within the screen and

hold the phone steady. Touch Camera button to capture. Continue to hold the camera steady for a second after you hear the shutter sound.

3. Immediately after capture, you can select to Save, Set as (contact icon or wallpaper), Share (via a compatible application), or Delete your picture.

4. If you select to save, set as, or share, your picture is saved to Gallery application.

View your pictures

To view the pictures you've captured, as well as any you've stored on your memory card or the phone storage, go to Gallery application:

1. To open Pictures, on the Home screen, select Gallery 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 on your Memory card, then the folders will display as separate "camera". The top left album always contains all the pictures in all the albums.

4. The individual pictures display in a grid in thumbnail format. You can select to display smaller or large thumbnails in Settings.

5. 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. If the arrows disappear, touch the picture again to reveal the arrows and zoom controls.

Picture options

You can do the following while in Pictures. 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.

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

2. Share a picture: In full-screen view, select Share. Select to share your picture via Messaging (MMS), or another application (if you have another application installed on your phone that supports sharing).

3. Set as wallpaper: In full-screen view, press MENU and select Set picture as. From the menu that opens select Wallpaper. 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 happy

with the cropped area, select 'Save'.

4. Set as contact picture: In full-screen view, press MENU and select Set picture as. From the menu that opens, select Contact icon. Your contact list opens. Select the contact you want to associate with the picture. 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 happy with the cropped area, select 'Save'. The picture will now appear in the Contact details screen, as well as on any incoming call notifications.

5. Crop picture: In full-screen view, press MENU and select Crop. 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 are happy with the cropped area, select 'Save'. Select Discard to cancel the crop. The cropped picture is saved to Pictures as a copy. Your original is not touched.

6. Rotate picture: In full-screen view, press MENU and select Rotate Left or Rotate right. Your picture rotates and is saved automatically.

7. Delete picture: In full-screen view, press MENU and select Delete.

The picture will be removed from the Memory card after you confirm.

8. View picture details: In full-screen view, press MENU and select Details. The picture details window opens. You can see the title, resolution, file size, and date of the picture.

8.2 Music

To open your music Library, on the Home screen, 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.

Load music onto your Memory card

All the music you can listen to on your phone is stored on 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; or, attach your phone to your computer using a USB cable that came in the box. If you use this method, make sure the Home screen > Settings > Storage > SD card is selected.
 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. If you want to use certain music files as phone, notification, or alarm ring tones.
- Note: If you do not want a ringtone to appear in your music Library but you do want it to be available as a ringtone, and then create the "ringtones", "notifications", or "alarms" folder outside your "music" folder.
5. When finished copying, 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 phone and computer.

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:

1. Shuffle songs: Shuffle plays songs in random order. Touch to toggle shuffle on and off. When the icon is grey, shuffle is off.
2. Repeat mode: Touch to step through repeat modes: repeat all songs, repeat current song, don't repeat (grey icon).
3. Go to any point in song: Slide fingertip in progress bar to desired point in a song.
4. Playback control: from left to right icons: Go to beginning song, Pause/resume play and Go to next of song.

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

Manage your playlists

Go to the Library screen and select ‘Playlists’. All your playlists appear.

Touch & hold the playlist to open the context menu. You can do the following from this screen: Play, Delete and Rename.

Create ringtones from songs

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

1. From the Library, navigate to 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. Now, when you go to Home > Settings > Sound & notification > General, and select Voice call ringtone, your song will be listed as an option.

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 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.

8.3 FM Radio

This device provides radio function.

Note: Within doors or shielded environment, the receiving effect of radio may be affected. You can improve the effect in the following ways: Near window, adjust the position of earphone cable or adopt manual adjustment.

8.4 Voice Search

When data connection or WIFI network is connected, input the keywords or say keywords to search the web page that matched keywords.

8.5 Sound recorder

The phone can be as sound record.

9 Other applications

9.1 Calendar

Calendar views

You can view your calendar in a variety of ways. Touch the date on the left-top of the screen to select from Day, Week, Month or Agenda.

1. Month view

Days are shown in a month grid. Busy time slots are shown as vertical bars in the corresponding part of the day. An all-day event is shown as a small vertical bar at the top of the slot (it does not fill the entire slot).

View event details - Select a day to view all the events in that day. This will take you to either the Agenda or Day view, depending on which you last visited. Select the event to view its details.

Edit an event - First select a day to go to either the Day or Agenda view. From there, select the event to view its details. Assuming you have write privileges on an event, select 'Edit' to edit. Navigate months - Slide your fingertip up/down, through the days and past the beginning/end of the month to move to the

previous/next month.

Create new event- Touch & hold a day to open the context menu. Select 'New event'. You can also press MENU and select 'New event'.

2. Agenda view

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

Repeating events - Marked with icon following the time or date.

View event details - Select the event to view its details.

Edit an event - First, select the event to view its details. Assuming you have write privileges on an event, select 'Edit' to edit.

Navigate within the current month - Slide your fingertip up/down.

3. Week view

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

View event details - Highlight an event to open a small popup window in the lower part of the screen that provides more event information. This window will stay open for three seconds. (Note that highlighted events are outlined in orange.) To view the full event details, touch the pop-up window while it's open, or select the event itself.

Edit an event - Assuming you have write privileges on an event, select 'Edit' to edit it.

Navigate within the current week - Slide your fingertip up/down.

Navigate to a past or future week - Slide your fingertip left/right.

4. Day view

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

View event details - Highlight an event to open a small popup window in the lower part of the screen that provides more event information. This window will stay open for three seconds. (Note that highlighted events are outlined in orange.) To view the full event details, touch the pop-up window while the pop-up window is open, or select the event itself. You can also touch & hold the event to open the context menu, then select View event.

Edit an event - Assuming you have write privileges on an event, select Edit to edit it.

Navigate within the current day - Slide your fingertip up/down.

Navigate to a past or future day - Slide your fingertip left/right.

Create new event - Touch an empty time slot to open the new Event details screen.

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.
- Select date & time.
- Name that appears in Day view.
- Description can be as long as you like.
- Select a calendar if you display more than one.
- Set a default reminder time.
- Set online presence: available or busy.
- Select calendar privacy from Default (as defined when calendar was created), Private, or Public.

When finished, select 'Done'. Pressing BACK also saves the event.

Tip: Create an event quickly in the Day or Week view by selecting an empty time slot. A new Event details screen appears. The 'From' field contains the selected time slot.

9.2 Alarm Clock

To open Alarm Clock, on the Home screen, select Clock icon. The Alarm clock offers as many alarms as you want.

Set an alarm

Two alarms are set up for you, ready to customize. All two alarms are turned off by default. Select the check box to turn on the alarm. If no day shows under the set time, the alarm will go off once when the set time is reached.

Two alarms will go off at 8:30 am from Monday to Friday and at 9:00 am on Saturday and Sunday.

You can customize the alarm according to your needs, select one of the default

alarms to open Alarm settings.

Set the following options:

Alarm: Select the check box to turn alarm on (checked) or off (cleared). This is the same check box that appears on the main Alarm Clock screen.

Time: The time the alarm will go off is shown. To change this time, select Time to open the time selector. Slide the finger up or down to set the time you want, and then select Set.

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.

Ring tone: The current ring tone selection is shown. Select Ring tone to pick another ring tone that will play when the alarm rings. (When you select a ring tone, it plays briefly.) Note that when your alarm goes off, the ring tone will play a maximum of five minutes.

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

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, select 'Add alarm'.

Change clock display

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

1. Go to the main Alarm Clock screen.
2. Select settings > style
3. Choose the display you want.

9.3 Calculator

To open Calculator, on the Home screen, then select the Calculator icon.

The Calculator offers two panels: basic and advanced. Switch back and forth between panels and selecting 'Scientific Calculator' or 'Simple Calculator', as you wish.

SAR

This Model Meets International Guidelines for Exposure to Radio Waves.

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

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 1 W/kg per 10 gram of tissue. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide.

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

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

Additional Information can be found on the websites of the World Health Organization

<http://www.who.int/emf>

To prevent possible hearing damage, do not listen at high volume levels for long periods.

NOTE1: Make the warning open, the document format as follows:

The plug portion of the AC/DC adaptor is used as disconnect device. Therefore, the appliance should be placed near the socket outlet.

Warning:

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

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no

guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

SAR tests are conducted using standard operating positions accepted 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 operating can be well below the maximum value, in general, the closer you are to a wireless base

station antenna, the lower the power output.

Before a new mobile phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC.

For body worn operation, this mobile phone has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 10 mm from the body.

Non-compliance with the above restrictions may result in violation of RF exposure guidelines.