



ENGLISH

LG-AS730 User Guide

This guide helps you to get started using your phone.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. *Wash hands after handling.*

- Some of the contents of this manual may not apply to your phone, depending on the software and your service provider.
- This handset is not suitable for people who have a visual impairment due to the touch screen keyboard.
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Contents

Getting to know your phone	7	Video camera	73
Your Home screen	26	Multimedia	77
Google account set up.....	36	Utilities.....	80
Connecting to Networks and Devices	38	The web	84
Calls	52	Settings	86
Contacts	58	Accessories	97
Messaging	60		
Email	63		
Camera	67		

Warning Violation of the instructions may cause serious injury or death.



- Never use an unapproved battery since this could damage the phone and/or battery and could cause the battery to explode.



- Never place your phone in a microwave oven as it will cause the battery to explode.

- Never store your phone in temperatures less than -4°F or greater than 122°F .

- Do not dispose of your battery near fire or with hazardous or flammable materials.



- When riding in a car, do not leave your phone or set up the hands-free kit near the air bag. If wireless equipment is improperly installed and the air bag is deployed, you may be seriously injured.



- Do not use the phone in areas where its use is prohibited. (For example: aircraft)



- Do not expose the battery charger or adapter to direct sunlight or use it in places with high humidity, such as a bathroom.



- Do not use harsh chemicals (such as alcohol, benzene, thinners, etc.) or detergents to clean your phone. This could cause a fire.



- Do not drop, strike, or shake your phone severely. It may harm the internal circuit boards of the phone.



- Do not use your phone in high explosive areas as the phone may generate sparks.



- Do not damage the power cord by bending, twisting, pulling, or heating. Do not use the plug if it is loose as it may cause electric shock or fire.
- Do not place any heavy items on the power cord. Do not allow the power cord to be crimped as it may cause electric shock or fire.
- Do not handle the phone with wet hands while it is being charged. It may cause an electric shock or



seriously damage your phone.

- Do not disassemble the phone.
- Do not place or answer calls while charging the phone as it may short-circuit the phone and/or cause electric shock or fire.



- Do not hold or let the antenna come in contact with your body during a call.



- Make sure that no sharp-edged items, such as animal's teeth or nails, come into contact with the battery. This could cause a fire.

- Store the battery out of reach of children.



- Be careful that children do not swallow any parts (such as earphone, connection parts of the phone, etc.) This could cause asphyxiation or suffocation resulting in serious injury or death.



- Unplug the power cord and charger during lightning storms to avoid electric shock or fire.



- Only use the batteries and chargers provided by LG. The warranty will not be applied to products provided by other suppliers.
- Only authorized personnel should service the phone and its accessories. Faulty installation or service may result in accidents and consequently invalidate the warranty.



- An emergency call can be made only within a service area. For an emergency call, make sure that you are within a service area and that the phone is turned on.
- Your phone is an electronic device that generates heat during normal operation. Extremely prolonged, direct skin contact in the absence of adequate ventilation may result in discomfort or minor burns. Therefore, use care when handling your phone during or immediately after operation.

Before you start using the phone, please read this!

Please check to see whether any problems you encountered with your phone are described in this section before taking the phone in for service or calling a service representative.

1. Phone memory

When there is less than 10% of space available in your phone memory, your phone cannot receive new messages.

You need to check your phone memory and delete some data, such as applications or messages, to make more memory available.

To uninstall applications:

1. Touch  > **Apps** tab > **Settings** > **Apps** from the DEVICE category.
2. Once all applications appear, scroll to and select the application you want to uninstall.
3. Touch **Uninstall**.

2. Optimising battery life

Extend your battery's life between charges by turning off features that you don't need to have running constantly in the background. You can monitor how applications and system resources consume battery power.

Extending your phone's battery life:

- Turn off radio communications you are not using. If you are not using Wi-Fi, Bluetooth or GPS, turn them off.

- Reduce screen brightness and set a shorter screen timeout.
- Turn off automatic syncing for Google Mail™, Calendar, Contacts and other applications.
- Some applications you have downloaded may reduce battery power.

To check the battery power level:

- Touch  > Apps tab > Settings > About phone from the SYSTEM >

Status

The battery status (charging or not charging) and level (percentage charged) is displayed at the top of the screen.

To monitor and control how battery power is being used:

- Touch  > **Apps** tab > **Settings**
 - > **Power Saver** from the DEVICE
 - > **Battery use** from the BATTERY INFORMATION

Battery usage time is displayed at the top of the screen. It tells you how long it

has been since you last connected your phone to a power source or, if currently connected, how long the phone was last running on battery power. The screen shows the applications or services using battery power, listed in order from the greatest to smallest amount used.

3. Using folders

You can combine several app icons in a folder. Drop one app icon over another on a Home screen, and the two icons

will be combined.

NOTE To see a smaller collection of frequently used apps, touch the Google Apps folder near the bottom of the screen. As with any folder, you can customize its contents.

NOTE After you open an app, you can usually adjust its settings by choosing items from its Menu icon near the top or bottom of the screen.

4. Before installing an open source application and OS

WARNING

If you install and use an OS other than the one provided by the manufacturer it may cause your phone to malfunction. In addition, your phone will no longer be covered by the warranty.

5. Using the hard reset (Factory reset)

If your phone needs to be restored to its original condition, use hard reset to reboot your phone.

1. When the phone is switched off, press and hold the **Volume down key + Power key** with your left hand.
2. When the LED on the bottom of the phone lights up, touch and hold the **Menu key** with your

right hand. You need to do this immediately, before the screen displays the LG logo. Make sure your left hand is still holding the Volume down and Power keys. Then release the power key at vibration time.

3. When the LG logo is displayed on the screen, continue to hold the keys for around 2 seconds, and then release all them at the same time, before the LG logo disappears.

Leave your phone for at least a minute while the hard reset is carried out. You will then be able to switch your phone back on.

Caution

If you perform a hard reset, all user applications and user data will be deleted. This cannot be reversed. Remember to back up any important data before performing a hard reset.

6. Opening and switching applications

Multitasking is easy with Android because you can keep more than one application running at the same time. There's no need to quit an application before opening another. Use and switch between several open applications. Android manages each application, stopping and starting them as needed to ensure that idle applications don't consume resources unnecessarily.

To return to view list recently used applications:

Simply press and hold the **Home** key.

To stop applications:

1. Touch  > **Apps** tab > **Settings** > **Apps** > **Running** from the **DEVICE**
2. Scroll and touch the desired application and touch **Stop** to stop it.

7. Synchronising your phone to a computer via USB

NOTE To synchronise your phone with your PC using the USB cable, you need to install LG PC Suite onto your PC. Please refer to previous pages to install LG PC Suite.

1. Use the USB cable to connect your phone to a USB port on your computer. Once connected, you will receive a notification that a USB connection has been made.

Getting to know your phone

2. Open the notification drawer and touch USB connected.
3. Touch **PC software** to confirm that you want to transfer files between your phone's microSD card and the computer.

TIP! To use the microSD card on your phone again, you need to open the notification drawer and touch  > **Charge only**.

During this time, you can't access the microSD card from your phone, so you can't use applications that rely on the microSD card.

To disconnect your phone from the computer:

Open the notification drawer and touch  > **Charge only** to disconnect your phone from the computer safely.

8. Hold your phone upright

Hold your mobile phone vertically, as you would a regular phone. The LG-AS730 has an internal antenna. Be careful not to scratch or damage the back of the phone, as this may affect performance.

While making/receiving calls or sending/receiving data, avoid holding the lower part of the phone where the antenna is located. Doing so may affect call quality.

9. When the screen freezes

If the screen freezes or the phone does not respond when you try to operate it:

Remove the battery, reinsert it, then turn the phone on.

OR

Press and hold the **Power/Lock** key for 10 seconds to turn it off.

If it still does not work, please contact the service centre.

Getting to know your phone

Device components

Earpiece

Camera lens

Proximity sensor

Home key

Return to the Home screen from any screen.

Back key 

Return to the previous screen.

Power/Lock key

- Switch your phone on/off by pressing and holding this key.
- Short press to lock/unlock the screen.

Menu key 

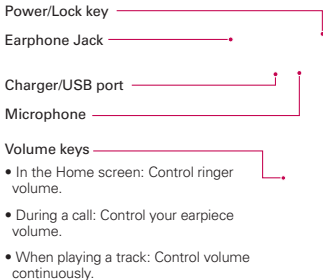
- Check what options are available.
- Go to Google Search™ by pressing and holding this key.

NOTE Proximity sensor

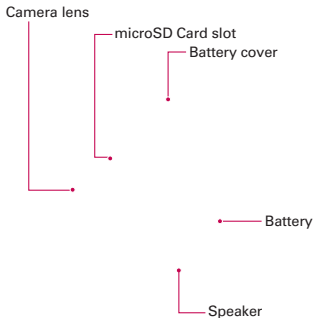
When receiving and making calls, the proximity sensor automatically turns the backlight off and locks the touch screen by sensing when the phone is near your ear. This extends battery life and prevents you from unintentionally activating the touch screen during calls.

WARNING

Placing a heavy object on the phone or sitting on it can damage the LCD and touch screen functions. Do not cover the LCD proximity sensor with protective film. This could cause the sensor to malfunction.



Getting to know your phone



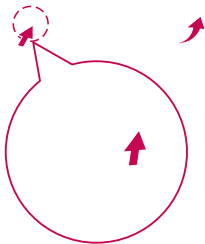
Installing the SIM card and battery

Before you can start exploring your new phone, you'll need to set it up. To insert the SIM card and battery:

1. To remove the battery cover, hold the phone firmly in one hand. With your other hand, lift off the battery cover with your thumbnail as shown in figure.

NOTE Put your thumbnail into the USB port hole and lift off the battery cover.

-
2. Insert the battery into place by aligning the gold contacts on the phone and the battery (1) and pressing it down until it clicks into place (2).



Getting to know your phone

3. Align the battery cover over the battery compartment (1) and press it down until it clicks into place (2).



Charging your phone

The charger connector is at the bottom of the phone. Insert the charger and plug it into an electrical outlet.



NOTE The battery must be fully charged initially to improve battery lifetime.

NOTE Do not open the battery cover during the charging your phone.

Storage from the DEVICE > Unmount SD card > OK.



Using the memory card

To insert a memory card:

Insert the memory card into the slot.
Make sure the gold contact area is facing downwards.

To remove the memory card safely:

Touch  > **Apps tab > Settings >**

NOTE The LG-AS730 supports memory cards up to 32 GB.

Getting to know your phone

WARNING

Do not insert or remove the memory card when the phone is on. Doing so may damage the memory card as well as your phone, and the data stored on the memory card may get corrupted.

To format the memory card:

Your memory card may already be formatted. If it isn't, you must format it before you can use it.

NOTE All files on your memory card are deleted when it is formatted.

1. On the home screen, touch  > **Apps** tab to open the menu.
2. Scroll and touch **Settings** > **Storage**.
3. Touch **Unmount SD card** and touch **OK** to confirm it.
4. Touch **Erase SD card** > **Erase SD card** > **Erase everything**, then confirm your choice.
5. If you have set a pattern lock, input the pattern lock then select **Erase Everything**.

NOTE If there is content on your memory card, the folder structure may be different after formatting as all the files will be deleted.

Locking and unlocking the screen

If you do not use the phone for a while, the screen is turned off and locked automatically. This helps to prevent accidental touches and saves battery power.

When you are not using the LG-AS730, press the **Power/Lock key**  to lock your phone.

If there are any programs running when you set lock screen, they may be still running in Lock mode. It is recommended that you exit all programs before entering Lock mode to avoid unnecessary charges (e.g. phone calls, web access and data communications).

To wake up your phone, press the **Power/Lock key** . The lock screen

Getting to know your phone

will appear. Touch and slide the lock screen in any direction to unlock your home screen. The last screen you viewed will open.

Secure your lock screen

You can lock your screen so that only you can unlock it to access your phone.

To set an Unlock Pattern, PIN or Password for the first time:

- Touch  > Apps tab > Settings > Lock screen > Select screen lock >

Swipe, Face Unlock, Pattern, Pin or Password

NOTE Precautions to take when using pattern lock.

It is very important to remember the unlock pattern you set. You will not be able to access your phone if you use an incorrect pattern 5 times. You have 5 opportunities to enter your unlock pattern, PIN or password. If you have used all 5 opportunities, you can try again after 30 seconds.

When you cannot recall your unlock pattern:

If you logged in to your Google account on the phone but failed to enter the correct pattern 5 times, tap the Forgot pattern button. You are then required to log in with your Google account to unlock your phone.

If you have not created a Google account on the phone or you forgot it, you have to perform a hard reset.

Touch screen tips

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

Touch – To choose a menu/option or open an application, touch it.

Touch and hold – To open an options menu or grab an object you want to move, touch and hold it.

Drag – To scroll through a list or move slowly, drag across the touch screen.

Flick – To scroll through a list or move quickly, flick across the touch screen (drag quickly and release).

- NOTE**
- To select an item, touch the centre of the icon.
 - Do not press too hard; the touch screen is sensitive enough to pick up a light, firm touch.
 - Use the tip of your finger to touch the option you want. Be careful not to touch any other keys.

Home

Simply swipe your finger to the left or right to view the panels. You can customise each panel with Apps, Downloads, Widgets and wallpapers.

NOTE Some screen images may be different depending on your phone provider.

On your Home screen, you can view quick keys at the bottom of the screen. Quick keys provide easy, one-touch access to the functions you use the most.



Touch the **Phone** icon to bring up the touch screen dialpad to make a call.



Touch the **Contacts** icon to open your contacts.



Touch the **Messaging** icon to access the messaging menu. This is where you can create a new message.



Touch the **Apps** icon at the bottom of the screen. You can then view all your installed applications. To open any application, simply touch the icon in the applications list.

Customising the Home screen

You can customise your Home screen by adding Apps, Downloads, Widgets or Wallpapers. For more convenience using your phone, add your favourite widgets to the Home screen.

To add items on your Home screen:

1. Touch and hold the empty part of the Home screen.
2. In the Add Mode menu, select items you want to add. You will then see added items on the

Home screen.

3. Drag it to the location you want and lift your finger.

To remove an item from the Home screen:

- **Home screen** > touch and hold the icon you want to remove > drag it to



TIP! To add an application icon to the Home screen from the Applications menu, touch and hold the application you want to add.

Returning to recently-used applications

1. Touch and hold the **Home** key.
The screen displays a pop-up with icons of applications you used recently.
2. Touch an icon to open the application. Or touch the **Back** key to return to your current application.

Notification drawer

The notification drawer runs across the top of your screen.



Your Home screen

Touch and slide the notification drawer down with your finger.

Touch  >  to manage the Notifications. Here you can check and manage Sound, Wi-Fi, Bluetooth, Airplane mode, Accounts & sync, Auto-rotate screen, Brightness, Data enabled, GPS or Portable Wi-fi Hotspot.

Viewing the status bar

The status bar uses different icons to display phone information such as signal strength, new messages, battery life, active Bluetooth and data connections.



Below is a table explaining the meaning of icons you're likely to see in the status bar.

Icon	Description
	No SIM card

Your Home screen

Icon	Description
	No signal
	Airplane mode
	Connected to a Wi-Fi network
	Power saver is on
	Wired headset
	Call in progress

Icon	Description
	Call hold
	Speakerphone
	Phone microphone is muted
	Missed call
	Bluetooth is on
	System warning

Your Home screen

Icon	Description
	Alarm is set
	New voicemail
	Ringer is silenced
	Vibrate mode
	Battery fully charged
	Battery is charging

Icon	Description
	Phone is connected to PC via USB cable
	Downloading data
	Uploading data
	GPS is acquiring
	Receiving location data from GPS

Your Home screen

Icon	Description
	Data is syncing
	New Gmail
	New Google Talk message
	New message
	Song is playing
	FM radio turned on in the background

Icon	Description
	USB tethering is active
	Portable Wi-Fi hotspot is active
	Both USB tethering and portable hotspot are active

Onscreen keyboard

You can enter text using the onscreen keyboard. The onscreen keyboard appears automatically on the screen when you need to enter text. To manually display the keyboard, simply touch a text field where you want to enter text.

Using the keypad & entering text

 Tap once to capitalise the next letter you type. Double-tap for all caps.

  Tap to switch to the numbers and symbols keyboard. You can also touch and hold this tab to view the Settings menu.

 Tap to enter a space.

 Tap to create a new line in the message field.

 Tap to delete the previous character.

 Tap to hide the onscreen keyboard.

Entering accented letters

When you select French or Spanish as the text entry language, you can enter special French or Spanish characters (e.g. "á").

For example, to input "á", touch and hold the "a" key until the zoom-in key grows bigger and displays characters from different languages.

Then select the special character you want.

Google account set up

When you first turn on your phone, you have the opportunity to activate the network, to sign into your Google Account and how you want to use some Google services.

To set up your Google account:

- Sign into a Google Account from the prompted set up screen.

OR

- Touch  > **Apps** tab > select a Google application, such as **Gmail** > select **NEW** to create a new account.

If you have a Google account, touch **Existing**, enter your email address and password, then touch **Sign in**.

Once you have set up your Google account on your phone, your phone automatically synchronises with your Google account on the web.

Your contacts, Gmail messages, Calendar events and other information from these applications and services on the web are synchronised with your phone. (This depends on your synchronisation settings.)

After signing in, you can use Gmail™
and take advantage of Google services
on your phone.

Wi-Fi

With Wi-Fi, you can use high-speed Internet access within the coverage of the wireless access point (AP). Enjoy wireless Internet using Wi-Fi, without extra charges.

Connecting to Wi-Fi networks

To use Wi-Fi on your phone, you need to access a wireless access point or "hotspot". Some access points are open and you can simply connect to

them. Others are hidden or use security features; you must configure your phone to be able to connect to them.

Turn off Wi-Fi when you're not using it to extend the life of your battery.

NOTE If you are out of the Wi-Fi zone or set Wi-Fi to **OFF**, additional charges may be applied by your mobile operator for mobile data use.

Turning Wi-Fi on and connecting to a Wi-Fi network

1. Touch  > **Apps** tab > **Settings** > **Wi-Fi** from the WIRELESS & NETWORKS
2. Set **Wi-Fi** to **ON** to turn it on and start scanning for available Wi-Fi networks.
3. Tap Wi-Fi menu again to see a list of active and in-range Wi-Fi networks.
 - Secured networks are indicated by a lock icon.
4. Touch a network to connect to it.
 - If the network is open, you are asked to confirm that you want to connect to that network by touching **Connect**.
 - If the network is secured, you are prompted to enter a password or other credentials. (Ask your network administrator for details)
5. The status bar displays icon that indicate Wi-Fi status.

Bluetooth

You can use Bluetooth to send data by running a corresponding application, not from the Bluetooth menu as on most other mobile phones.

- TIP!** With LG-AS730, you can enjoy Bluetooth high speed.
- If the device you want to share files with also supports high speed Bluetooth, the files will automatically be transferred via the high-speed network. To use Bluetooth high speed data transfer, please make sure the Wi-Fi is OFF on your devices before use. The settings for Bluetooth

high speed may be different depends on the device. Please check the device's settings with their service provider.

Turning on Bluetooth and pairing up your phone with a Bluetooth device

You must pair your device with another device before you connect to it.

1. Touch  > **Apps** tab > **Settings** > Set **Bluetooth** to **ON** from the **WIRELESS & NETWORKS**
2. Tap **Bluetooth** menu again. Your phone will scan for and display

the IDs of all available Bluetooth in-range devices. If the device you want to pair with isn't on the list, make sure the target device is set to be discoverable, then tap **SEARCH FOR DEVICES** again.

3. Choose the device you want to pair up with from the list.

Once the pairing is successful, your device will connect to the device.

Sending pictures using Bluetooth

1. Select a Picture >  > Bluetooth
2. Check whether **Bluetooth** is **ON**, then select **SEARCH FOR DEVICES**.
3. Choose the device you want to send data to from the list.

Sharing your phone's data connection

USB tethering and portable Wi-Fi hotspot are great features when there are no wireless connections available. You can share your phone's mobile data connection with a single computer via a USB cable (USB tethering). You can also share your phone's data connection with more than a single device at a time by turning your phone into a portable Wi-Fi hotspot.

When your phone is sharing its data connection, an icon appears in the status bar and as an ongoing notification in the notifications drawer.

For the latest information about tethering and portable hotspots, including supported operating systems and other details, visit <http://www.android.com/tether>.

To change Portable Wi-Fi hotspot settings:

- Touch  > Apps tab > Settings

> **More** from the WIRELESS & NETWORKS > **Portable Wi-Fi hotspot** > Choose options that you want to adjust

To rename or secure your portable hotspot

You can change the name of your phone's Wi-Fi network name (SSID) and secure its Wi-Fi network.

1. On the Home screen, touch  > **Apps** tab > **Settings**

2. Touch **More** from the WIRELESS & NETWORKS and select **Portable Wi-Fi hotspot**.
 3. Ensure **Portable Wi-Fi hotspot** is ticked.
 4. Touch **Configure Wi-Fi hotspot**.
- The **Configure Wi-Fi hotspot** dialog box will open.
 - You can change the network SSID (name) that other computers see when scanning for Wi-Fi networks.

Connecting to Networks and Devices

- You can also touch the **Security** menu to configure the network with Wi-Fi Protected Access 2 (WPA2) security using a pre-shared key (PSK).
- If you touch the **WPA2 PSK** security option, a password field is added to the **Configure Wi-Fi hotspot** dialog. If you enter a password, you will need to enter that password when you connect to the phone's hotspot with a computer or other device. You can set **Open** in the **Security** menu to remove security from your Wi-Fi network.

5. Touch **Save**.

ATTENTION!

If you set the security option as Open, you cannot prevent unauthorised usage of online services by other people and additional charges can be incurred. To avoid unauthorised usage, you are advised to keep the security option active.

Using the Wi-Fi Cast

You can share your music, picture and video content between users who use Android Phones connected via the same Wi-Fi & Wi-Fi Directed network.

Check your Wi-Fi & Wi-Fi Directed network in advance and make sure the users are connected to the same network.

1. Touch  > **Apps** tab > **Settings** > **More** from the WIRELESS & NETWORKS > **Wi-Fi Direct**

2. Touch the wi-fi direct checkbox to turn on.
1. \Select a device to connect from the scanned device list.
2. Touch **Connect**.

Enabling Wi-Fi Direct to share through SmartShare

Wi-Fi Direct automatically scans nearby Wi-Fi Direct devices and the searched devices are listed as they are found and you can select a specific device to share multimedia data through Smart Share.

Wi-Fi Direct cannot be enabled while using other Wi-Fi functions.

1. Touch  > **Apps** tab > **Settings** > **More** from the WIRELESS & NETWORKS > **Wi-Fi Direct**

2. Select a device to connect from the scanned device list.

CREATE GROUP – Touch to activate group owner mode, which enables the legacy Wi-Fi devices to connect by scanning your phone. In this case you must enter the password that is set in **Password**.

NOTE When your phone becomes a group owner, it will consume more battery power than when it is a client. Wi-Fi Direct connection does not provide Internet service. Additional costs may be incurred when connecting and using

online services. Check data charges with your network provider.

Using SmartShare

SmartShare uses DLNA (Digital Living Network Alliance) technology to share digital content through a wireless network.

Both devices must be DLNA certified to support this feature.

To turn SmartShare on and allow sharing contents

1. Touch  > Apps tab > SmartShare

Connecting to Networks and Devices

2. Press  and select **Settings**.
 3. Touch Discoverable checkbox to turn off.
- Touch **Always accept request** if you would like to automatically accept sharing requests from other devices.
 - Touch **Receive files** if you would like to automatically allow upload files to my phone from other devices.
1. Under the Sharing contents section, touch to checkmark the types of content you would like

to share. Choose from **Pictures**, **Videos** and **Music**.

2. **SmartShare** is now activated and ready to share contents.

To share contents from remote content library to other devices

Let your renderer device (e.g. TV) play multimedia contents from your remote content library (e.g. PC).

NOTE Make sure that the DLNA functionality of your devices is properly configured (e.g. TV and PC).

1. Touch the top right button to or select the device from renderer lists.
2. Touch the top left button and select the device of the remote content library.
3. You can browse the content library.
4. Touch a content thumbnail or press the **Menu** key and select **Play** button.

To share contents from your phone to your renderer device(e.g. TV)

NOTE Make sure that your renderer device is properly configured.

1. While browsing your pictures or videos using the **Gallery** application, touch  to select files. Then you will be able to select multiple files to be shared.
2. Touch **Share** on the menu and select the **SmartShare**.
3. **SmartShare** is automatically

Connecting to Networks and Devices

launched with the selected files.

4. Select the device from renderer lists to play the files.

NOTE Follow the similar steps to use the Music Player, Camera and Video player to share contents.

Notice Check that your device is connected with your home network using Wi-Fi connection to use this application. Some DLNA enabled devices (e.g. TV) support only the DMP feature of DLNA and will not appear in the renderer device list. Your device might not be able to play some contents.

To download contents from remote content library

1. Touch  > Apps tab > SmartShare
2. Touch the top left button and select the device of the remote content library.
3. You can browse the content library.
4. Touch a content thumbnail then touch **Download menu key**.

Notice A few types of contents are not supported.

To upload contents from my phone to remote content library

NOTE Make sure that SD card is correctly mounted and the Receive files in settings menu is checked.

1. Touch  > **Apps** tab > **SmartShare**
2. Touch the top left button and select My phone.
3. You can browse the content library.
4. Touch and hold a content

thumbnail and then touch the Upload menu key.

5. Select a device of remote content library to be uploaded.

Notice Some DLNA enabled devices do not support DMS upload functionality and will not be uploaded. A few types of contents are not supported.

Making a call

1. Touch  to open the keypad.
2. Enter the number using the keypad. To delete a digit, touch the .
3. Touch  to make a call.
4. To end a call, touch the **End** icon .

TIP! To enter "+" to make international calls, touch and hold .

Calling your contacts

1. Touch  to open your contacts.
2. Scroll through the contact list or enter the first few letters of the contact you want to call by touching **Search contacts**.
3. In the list, touch the contact you want to call.

Answering and rejecting a call

When you receive a call in Lock state, hold and slide the  to Answer incoming call.

Hold and slide the  to Decline an incoming call.

Hold and slide the **Quick msg** icon from the bottom if you want to send one.

TIP! Quick msg

You can send a message quickly using this function. This is useful if you need to reply the message during a meeting.

Adjusting call volume

To adjust the in-call volume during a call, use the Volume up and down keys on the left-hand side of the phone.

Making a second call

1. During your first call, touch **Menu** > **Add call** and dial the number. Also, you can go recent dialled list by touching  or can search contacts by touching  and select the number you want to call.

Calls

2. Touch  to make the call.
3. Both calls are displayed on the call screen. Your initial call is locked and put on hold.
4. Touch the displayed number to toggle between calls. Or touch  **Merge call** to make a conference call.
5. To end active calls, touch **End** or press Home Key and slide the notification bar down and select **End call** icon .

NOTE You are charged for each call you make.

Viewing your call logs

On the Home screen, touch  and choose the **Call log** tab .

View a complete list of all dialled, received and missed voice calls.

TIP! Touch any call log entry to view the date, time and duration of the call.

TIP! Press the **Menu** key, then touch **Delete all** to delete all the recorded items.

Call settings

You can configure phone call settings such as call forwarding and other special features offered by your carrier.

1. On the Home screen, touch .
2. Touch menu.
3. Tap **Call settings** and choose the options that you want to adjust.

Fixed dialing numbers – To turn on and compile a list of numbers that can be called from your phone. You'll need

your PIN2, which is available from your operator. Only numbers within the fixed dial list can be called from your phone.

Voicemail service – Allows you to select your carrier's voicemail service.

Voicemail settings – If you are using your carrier's voicemail service, this option allows you to enter the phone number to use for listening to and managing your voicemail.

Save unknown numbers – Add unknown numbers to contacts after a call.

Calls

Call reject – Allows you to set the call reject function. Choose from **Disabled**, **Reject calls on list** or **Reject all calls**.

Quick messages – When you want to reject a call, you can send a quick message using this function. This is useful if you need to reject a call during a meeting.

Auto retry – Automatically redial the call if the call fails to connect

TTY mode – TTY off

DTMF tones – Set the length of DTMF tones

Aito answer – Auto answer on headset

Call restrictions – Restrict incoming or outgoing call

Call forwarding – Choose whether to divert all calls, when the line is busy, when there is no answer or when you have no signal.

Call duration – View the duration of calls including all calls, dialled calls, received calls and last call.

Voice privacy – Enable enhanced privacy mode.

Contacts

Add contacts to your phone and synchronise them with the contacts in your Google account or other accounts that support contact syncing.

Searching for a contact

In the Home screen

1. Touch  to open your contacts.
2. Touch **Search contacts** and enter the contact name using the keyboard.

Adding a new contact

1. Touch , enter the new contact's number, then press the **Menu** key. Touch **Add to contacts > Create new contact**.
2. If you want to add a picture to the new contact, touch the image area.
Choose from **Take photo** or **Select from gallery**.
3. Select the contact type by touching .

4. Touch a category of contact information and enter the details about your contact.
5. Touch **Save**.

Favourite contacts

You can classify frequently called contacts as favourites.

Adding a contact to your favourites

1. Touch  to open your contacts.
2. Touch a contact to view their details.

3. Touch the star to the right of the contact's name. The star turns blue.

Removing a contact from your favourites list

1. Touch  to open your contacts.
2. Touch the  tab, select **Favourites** at the top of the list and choose a contact to view its details.
3. Touch the blue star to the right of the contact's name. The star turns grey and the contact is removed from your favourites.

Messaging

Your LG-AS730 combines SMS and MMS into one intuitive, easy-to-use menu.

Sending a message

1. Touch  on the home screen, and touch  to open a blank message.
2. Enter a contact name or contact number in the To field. As you enter the contact name, matching contacts appear. You can touch a suggested recipient. You can add multiple contacts.

NOTE You will be charged for a text message for every person you send the message to.

3. Touch Enter message field and start to compose your message.
4. Press  to open the Options menu. Choose from **Add subject**, **Discard**, **Set Priority** and **All messages**.
5. Touch **Send** to send your message.

6. The message screen opens, with your message after Recipient Name/Number. Responses appear on the screen. As you view and send additional messages, a message thread is created.

WARNING

The 160-character limit may vary from country to country depending on the language and how the SMS is coded.

WARNING

If an image, video or audio file is added to an SMS message, it is automatically converted into an MMS message and you are charged accordingly.

Threaded box

Messages (SMS, MMS) exchanged with another party can be displayed in chronological order so that you can conveniently see an overview of your conversation.

Using Smilies

Liven up your messages using Smilies.

When writing a new message, press the **Menu** key, then choose **Insert smiley**.

Changing your message settings

Your LG-AS730 message settings are predefined, so you can send messages immediately. You can change the settings based on your preferences..

You can use the Email application to read emails from services other than Google Mail. The Email application supports the following account types: POP3, IMAP and Exchange.

Your service provider or system administrator can provide the account settings you need.

Managing an email account

The first time you open the **Email** application, a setup wizard opens to help you to set up an email account.

To add another email account:

- Touch  > **Apps** tab > **Email** > in the account screen, touch  > **Settings** > **ADD ACCOUNT**

After the initial setup, Email displays the contents of your inbox. If you have added more than one account, you can switch among accounts.

To change an email account's setting:

- Touch  > **Apps** tab > **Email** > in the account screen, touch  > **Settings**

To delete an email account:

- Touch  > **Apps** tab > **Email** > in the account screen, touch  > **Settings** > touch an account you want to delete > **Remove account**

Email account screen

You can touch an account to view its Inbox. The account from which you send email by default is indicated with a tick.



– Touch the folder icon to open the account folders.

Only the most recent emails in your account are downloaded to your phone.

Working with account folders

Each account has an Inbox, Outbox, Sent and Drafts folder. Depending on the features supported by your account's service provider, you may have additional folders.

Composing and sending email

To compose and send a message

1. While in the **Email** application, touch the .
2. Enter an address for the message's intended recipient. As you enter text, matching addresses are offered from your Contacts. Separate multiple addresses with semicolon.
3. Add Cc/Bcc and add attachment files if required.
4. Enter the text of the message.
5. Touch the .
If you aren't connected to a network, for example, if you're working in airplane mode, the

Email

messages that you send are stored in your Outbox folder until you're connected to a network again. If it contains any pending messages, the Outbox is displayed on the Accounts screen.

TIP! When a new email arrives in the inbox, you will receive a notification by sound or vibration. Tap the email notification to stop notifications.

Getting to know the viewfinder



- 1 Switch lenses** – Switch between the rear-facing camera lens and the front-facing camera lens.
- 2 Zoom** – Zoom in or zoom out. Alternatively you can use the side volume keys.

- 3 Brightness** – This defines and controls the amount of sunlight entering the image.
- 4 Shot mode** – Choose from **Normal**, **Panorama** or **Continuous shot**.
- 5 Settings** – Touch this icon to open the Settings menu.
- 6 Video mode** – Touch this icon to switch to video mode.
- 7 Taking a photo**
- 8 Gallery** – Touch to view the last photo you captured. This enables you to access

Camera

your gallery and view saved photos within camera mode.

Taking a quick photo

1. Open the **Camera** application.
2. Hold the phone, point the lens towards the subject you want to photograph.
3. Touch the screen and a focus box will appear in the centre of the viewfinder screen.

4. When the focus box turns green, the camera has focused on your subject.
5. Click on the  to capture the image.

Once you've taken the photo

Touch  to view the last photo you captured.

 Touch to share your photo using **Bluetooth, Gmail, Google+, Memo, Messaging, Picasa** or **SmartShare**.

TIP! If you have an SNS account and set it up on your phone, you can share your photo with the SNS community.

 View and edit the picture.

 Select the image resolution. If you choose the high resolution, the file size will increase, which means you will be able to store fewer photos in the memory.

 Improves colour qualities in different lighting conditions.

 Applies artistic effects to the pictures.

 Applies the additional options for pictures.

 Touch to delete the image.

Touch  to open the options.

Set picture as – Touch to use the image as a Contact photo, Lockscreen Wallpaper or Wallpaper.

Move – Touch to move the image to other place.

Camera

Rename – Touch to edit the name of the selected picture.

Rotate left/right – To rotate left or right.

Crop – Crop your photo. Move your finger across the screen to select the area.

Slideshow – Auto review automatically shows you the picture you just recorded.

Details – Show the picture information.

Using the advanced settings

In the viewfinder, touch  to open all advanced options.

 – Restore all camera default settings.

 – Touch whenever you want to know how this function operates. This provides you with a quick guide.

Change camera settings by scrolling through the list. After selecting the option, touch the **Back** key.

 – Allows you to turn on the flash when taking a photo in dark conditions.

 – Focuses on the specific spot.

 – Select the image resolution. If you choose the high resolution, the file size will increase, which means you will be able to store fewer photos in the memory.

 – Finds the color and light settings appropriate for the current environment. Choose from **Auto**, **Portrait**, **Landscape**, and **Sunset**.

 – The ISO rating determines the sensitivity of the camera's light sensor. The higher the ISO, the more sensitive the camera is. This is useful in darker conditions when you cannot use the flash.

 – Improves colour qualities in different lighting conditions.

 – Applies artistic effects to the pictures.

 – Set a delay after the capture button is pressed. This is ideal if you

Camera

want to be in the photo.

 – Activate to use your phone's location-based services. Take pictures wherever you are and tag them with the location. If you upload tagged pictures to a blog that supports geotagging, you can see the pictures displayed on a map.

NOTE This function is only available when GPS is active.

 – It automatically shows you the picture you just took.

 – Select storage to save images.

TIP! When you exit the camera, some settings return to their defaults, such as white balance, colour tone, timer and scene mode. Check these before you take your next photo.

Getting to know the viewfinder



- 1 Switch lenses** – Switch between the rear-facing camera lens and the front-facing camera lens.
- 2 Zoom** – Zoom in or zoom out. Alternatively you can use the side volume keys.

- 3 Brightness** – This defines and controls the amount of sunlight entering the video.
- 4 Flash** – Allows you to turn on the flash when taking a photo in a dark place.
- 5 Settings** – Touch this icon to open the settings menu.
- 6 Camera mode** – Touch this icon to switch to camera mode.
- 7 Start recording**
- 8 Gallery** – Touch to view the last video you recorded. This enables you to access your

Video camera

gallery and view your saved videos from within video mode.

Shooting a quick video

1. Touch the **Camera** mode button.
2. The video camera viewfinder appears on the screen.
3. Holding the phone, point the lens towards the subject you want to capture in your video.
4. Press the Record  button once to start recording.

5. A red light appears at the top corner of the viewfinder with a timer showing the length of the video.
6. Touch  on the screen to stop recording.

After shooting a video

Your captured video will appear on the Gallery. Touch  to view the last video you captured.

-  Touch to play the video.

 Touch to share the video **Bluetooth**, **Gmail**, **Messaging**, **SmartShare** or **YouTube**.

 Touch to delete the video you just made. Confirm by touching **OK**. The viewfinder reappears.

Touch  to open the options.

Move – Touch to move the video to other place.

Rename – Tap to edit the name of the selected video.

Details – Tap to see a detailed information, such as the name, date, time, size and type.

Using the advanced settings

Using the viewfinder, touch  to open all the advanced options.

 – Restore all video camera default settings.

 – Touch if you want to know how this function operates. This provides you with a quick guide.

Video camera

Adjust the video camera setting by scrolling through the list. After selecting the option, touch the **Back** key.

 – Touch to set the size (in pixels) of the video you are recording.

 – Improves colour qualities in different lighting conditions.

 – Choose a colour tone to use for your new view.

 – Activate to use your phone's location-based services.

 – Choose **Mute** to record a video without sound.

 – Auto review automatically shows you the video you just recorded.

 – Select storage to save videos.

Adjusting the volume when viewing a video

To adjust the volume of a video while it is playing, use the volume keys on the left-hand side of the phone.

You can store multimedia files on a memory card for easy access to all your image and video files.

Gallery

Touch  > **Apps** tab > **Gallery**. Open a list of catalogue bars that store all your multimedia files.

Music Player

Your LG-AS730 has a built-in music player that lets you play all your favourite

tracks. To access the music player, Touch  > **Apps** tab > **Music Player**.

Transferring music files using USB mass storage devices

1. Connect the LG-AS730 to a PC using a USB cable.
2. If you haven't installed LG Android Platform Driver on your PC, you need to change the settings manually. Choose **Settings** > **Connectivity** > USB Connection

Multimedia

type, then select **Media sync**.

3. You can view the mass storage content on your PC and transfer the files.

Playing a song

1. In the Home screen, touch  > **Apps** tab > **Music Player**.
2. Touch **Songs**.
3. Select the song you want to play.

	Touch to pause playback.
---	--------------------------

	Touch to resume playback.
	Touch to skip to the next track in the album, playlist or shuffle.
	Touch to go back to the beginning of the song. Touch twice to return to the previous song.
	Touch to manage the music volume.
	Touch to set repeat mode.
	Touch to play the current playlist in shuffle mode.
	Touch to see the current playlist.



Touch to see lyrics. This option is on only if the song includes the lyrics.

To change the volume while listening to music, press the up and down volume keys on the left-hand side of the phone.

Touch and hold any song in the list. It displays **Play**, **Add to playlist**, **Set as ringtone**, **Delete**, **Share**, **Search** and **Details** as options.

NOTE Music file copyrights may be protected by international treaties and national copyright laws.

Therefore, it may be necessary to obtain permission or a licence to reproduce or copy music.

In some countries, national laws prohibit private copying of copyrighted material. Before downloading or copying the file, check the national laws of the relevant country concerning the use of such material.

Setting your alarm

1. Touch  > **Apps** tab > **Alarm/Clock** > 
2. After you set the time, the LG-AS730 lets you know how much time is left before the alarm will sound.
3. Set **Snooze duration**, **Vibration**, **Alarm tone**, **Puzzle lock** and **Memo**. Touch **Save**.

Using your calculator

1. Touch  > **Apps** tab > **Calculator** 
2. Touch the number keys to enter numbers.
3. For simple calculations, touch the function you want (+, -, x or ÷) followed by =.
4. For more complex calculations, touch , select the **Advanced panel**, then choose sin, cos, tan, log and so on.

Adding an event to your calendar

1. Touch  > **Apps** tab > **Calendar**

2. On the middle of the screen, you can find the different view types of the Calendar (Day, Week, Agenda).
3. Tap on the date you want to add event on.
4. Drag the view screen upwards and tap on the time slot you want to add event in.
5. Touch **Event name** then enter the event name.
6. Touch **Location** and enter the location. Check the date and enter the time you want your event to start and finish.
7. If you want to add a note to your event, touch **Description** and enter the details.
8. If you want to repeat the alarm, set **REPEAT**, and set **REMINDERS**, if necessary.

9. Touch **Done** to save the event in the calendar.

Polaris Office

Polaris Office is a professional mobile office solution that lets users conveniently view various types of office documents, including Word, Excel and PowerPoint files, anywhere, anytime, using their mobile devices.

Touch  > **Apps** tab > **Polaris Office**



Managing files

Polaris Office provides mobile users with convenient file management features, including copying, moving and pasting, and deleting files and folders right on the device.

Viewing files

Mobile users can now easily view a wide variety of file types, including Microsoft Office documents and Adobe PDF, right on their mobile devices. When viewing documents using Polaris

Office, the objects and layout remain the same as in their original documents.

Browser

Browser gives you a fast, full-colour world of games, music, news, sport, entertainment and much more, right on your mobile phone. Wherever you are and whatever you enjoy.

NOTE Additional charges apply when connecting to these services and downloading content. Check data charges with your network provider.

Using the web toolbar

-  Touch to go back a page.
-  Touch to go forwards a page, to the page you connected to after the current one. This is the opposite of what happens when you press the **Back** key, which goes to the previous page.
-  Touch and hold, up and down to zoom in or out of browser.
-  Touch to add a new window.

 Touch to add a favourite bookmarks.

Using options

Press  to view options.

Refresh – Update the current web page.

Save to bookmarks – Add the current web page as bookmark.

Share page – Allows you to share the web page with others.

Find on page – Allows you to find letters or words on the current web page.

Request desktop site – Allows you to view the web page as desktop.

Save for offline reading – You can view the saved web page.

Brightness – Touch to adjust the level for comfortable browsing.

Settings – Displays Browser settings.

Exit – Touch to exit the web page.

In the Home screen, touch  > **Apps** tab > **Settings**.

WIRELESS & NETWORKS

< **Wi-Fi** >

Turn on Wi-Fi to connect to available Wi-Fi networks.

Here, you can manage Wi-Fi and Bluetooth. You can also set up mobile networks and switch to airplane mode.

TIP! How to obtain the MAC address

To set up a connection in some wireless networks with MAC filters, you may need to enter the MAC address of your LG-AS730 into the router.

You can find the MAC address in the following user interface: Touch **Apps** tab > **Settings** > **Wi-Fi** >  > **Advanced** > **MAC Address**.

< **Bluetooth** >

Turns on Bluetooth to connect to Bluetooth devices.

< **Data usage** >

Displays the data usage and set mobile data limit.

< **Call** >

You can configure phone call settings such as call forwarding and other special features offered by your carrier.

< **More** >

Airplane mode – After switching to airplane mode, all wireless connections are disabled.

Wi-Fi Direct – You can turn on or off.

Portable Wi-Fi hotspot – You can configure the portable Wi-Fi hotspot settings.

VPN settings – Displays the list of Virtual Private Networks (VPNs) that you've previously configured. Allows you to add different types of VPN.

Mobile networks – Set options for data roaming, network mode & operators, access point names (APNs) and so on.

Settings

NOTE You must set a lock screen PIN or password before you can use credential storage.

DEVICE

< Sound >

Sound profile – You can choose the Sound, Vibrate only or Silent.

Volumes – You can manage the volume of music, video, games, other media, Ringtone & notifications. Touch feedback & system.

Phone ringtone – Allows you to set your default incoming call ringtone.

Notification sound – Allows you to set your default notification ringtone.

Ringtone with vibration – Vibration feedback for calls and notifications.

Quiet time – Set times to turn off all sounds except alarm and media.

Dial pad touch tones – Allows you to set the phone to play tones when using the dialpad to dial numbers.

Touch sounds – Allows you to set your phone to play a sound when you touch buttons, icons and other onscreen items that react to your touch.

Screen lock sound – Allows you to set your phone to play a sound when locking and unlocking the screen.

Emergency tone – Allows you to set emergency tone as **Off**, **Alert** or **Vibrate**.

< **Display** >

Brightness – Adjust the screen brightness.

Auto-rotate screen – Set to switch orientation automatically when you rotate the phone.

Screen timeout – Set the time for screen timeout.

Font size – Change the size of the display font.

Front Key light – Set the front key LED time.

< **Home screen** >

Set the Animation, Screen effect or Wallpaper.

< Lock screen >

Select screen lock – Set an unlock pattern to secure your phone. Opens a set of screens that guide you through drawing a screen unlock pattern. You can set a **Swipe**, **Face Unlock**, **Pattern**, **PIN** instead of a **Password** or leave it as **None**.

When you turn on your phone or wake up the screen, you're asked to draw your unlock pattern to unlock the screen.

Wallpaper – You can select the wallpaper lock from Wallpapers or Gallery.

Owner info – Show owner info on lock screen.

< Storage >

INTERNAL STORAGE – View the internal storage usage.

SD CARD – Check total available SD card space. Touch Unmount SD card for safe removal. Erase SD card if you want to delete all data from the SD card.

< Power Saver >

Here, you can manage the battery and check the power saving items. Also, you can check the battery use.

< Apps >

You can view and manage the applications.

PERSONAL

< Accounts & sync >

Permits applications to synchronise data in the background, whether or

not you are actively working in them. Deselecting this setting can save battery power and lowers (but does not eliminate) data usage.

< Location services >

Google's location service – If you select Google's location service, your phone determines your approximate location using Wi-Fi and mobile networks. When you select this option, you're asked whether you consent to allowing Google to use your location when providing these services.

Settings

GPS satellites – If you select GPS satellites, your phone determines your location to street level accuracy.

Location & Google search – If you select google use your location to improve search results and other services.

< Security >

Encrypt phone – Require a numeric PIN or password to decrypt your phone each time you power it on.

Set up SIM card lock – Set up SIM card

lock or change the SIM PIN.

Make passwords visible – Show password as you type.

Device administrators – View or deactivate device administrators.

Unknown sources – Default setting to install non-Market applications.

Trusted credentials – Display trusted CA certificates.

Install from SD card – Choose to install encrypted certificates from your SD card.

Clear credentials – Remove all certificates.

< **Language & input** >

Use the Language & input settings to select the language for the text on your phone and for configuring the on-screen keyboard, including words you've added to its dictionary.

< **Backup & reset** >

Change the settings for managing your settings and data.

Back up my data – Set to back up your settings and application data to the Google server.

Backup account – Set to back up your account.

Automatic restore – Set to restore your settings and application data when the applications are reinstalled on your device.

Factory data reset – Reset your settings to the factory default values and delete all your data. If you reset the

Settings

phone in this way, you are prompted to reenter the same information as when you first started Android.

SYSTEM

< Date & time >

Use **Date & time** settings to set how dates are displayed. You can also use these settings to set your own time and time zone rather than obtaining the current time from the mobile network.

< Accessibility >

Use the **Accessibility** settings to configure accessibility plug-ins you have installed on your phone.

NOTE Requires additional plug-ins.

< Connectivity >

USB connection type – You can set the desired mode (**Charge only**, **Media sync**, **USB tethering** or **PC software**).

Ask on connection – Ask USB connection mode when connecting to a

computer.

On-Screen Phone settings – Displaying screen and controlling phone from PC are available through USB, Bluetooth or Wi-Fi connection.

Wi-Fi connection – Checkmark this to use **LG PC Suite** with Wi-Fi connection.

Please note that Wi-Fi network should be connected for LG PC Suite via Wi-Fi connection from the WIRELESS & NETWORKS.

Developer options – Allows you to select developer options.

< About phone >

View legal information and check phone status and software version.

DivX Mobile **DIVX**

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND:

This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies.

To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

DivX Certified® to play DivX® video up to 640x480, including premium content

DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.

These accessories are available for use with the LG-AS730. (Items described below may be optional.)

Travel adaptor

Battery

Stereo
headset

Data cable

User Guide

Connect your LG-
AS730 and PC.

Learn more
about your LG-
AS730.

Accessories

- NOTE**
- Always use genuine LG accessories
 - Failure to do this may void your warranty.
 - Accessories may vary in different regions.

Dolby Mobile License notice



Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

HAC

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses.

However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids. It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any

interfering noise. Consult your service provider or the manufacturer of this phone for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

FCC Part 15 Class B Compliance

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,

Safety

and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved in this user guide could void your warranty for this equipment. Use only the supplied antenna. Use of unauthorized antennas (or modifications to the antenna) could impair call quality, damage the phone, void your warranty and/or violate FCC regulations. Don't use the phone with a

damaged antenna. A damaged antenna could cause a minor skin burn. Contact your local dealer for a replacement antenna.

FCC RF Exposure Information
WARNING! Read this information before operating the phone.

In August 1996, the Federal Communications Commission (FCC) of the United States, with its action in Report and Order FCC 96-326, adopted an updated safety standard for

human exposure to Radio Frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Bodily Contact During Operation

This device was tested for typical use with the back of the phone kept

0.39 inches (1.0 cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.39 inches (1.0 cm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. Third-party belt-clips, holsters, and similar accessories containing metallic components should not be used. Avoid the use of accessories that cannot maintain 0.39 inches (1.0 cm) distance between the user's body and the back

Safety

of the phone and have not been tested for compliance with FCC RF exposure limits.

dealer for a replacement antenna.

Caution

Use only the supplied antenna. Use of unauthorized antennas (or modifications to the antenna) could impair call quality, damage the phone, void your warranty and/or violate FCC regulations. Don't use the phone with a damaged antenna. A damaged antenna could cause a minor skin burn. Contact your local

Part 15.105 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 you experience interference with reception (e.g., television), determine if this equipment is causing the harmful interference by turning the equipment off and then back on to see if the interference is affected. If necessary, try correcting the interference by one or more of the following measures:

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

Safety

- 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.

Part 15.21 statement

Changes or modifications that are not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate. The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users to find phones that may be compatible with their hearing devices.

Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

Safety

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings. **T-Ratings:** Phones rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. T4 is the better/ higher of the two ratings.

Hearing devices may also be rated. Your hearing device manufacturer or hearing

health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for best use. In the example to the left, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the

hearing aid user with “normal usage” while using their hearing aid with the particular wireless phone. “Normal usage” in this context is defined as a signal quality that’s acceptable for normal operation. The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section

20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard. When you're talking on a cell phone, it's recommended that you turn the secondary transmitters like a BT (Bluetooth) or WLAN off for HAC.

For information about hearing aids and digital wireless phones Wireless Phones and Hearing Aid Accessibility
<http://www.accesswireless.org/hearingaid/>

Safety

FCC Hearing Aid Compatibility and
Volume Control

[http://www.fcc.gov/cgb/consumerfacts/
hac_wireless.html](http://www.fcc.gov/cgb/consumerfacts/hac_wireless.html)