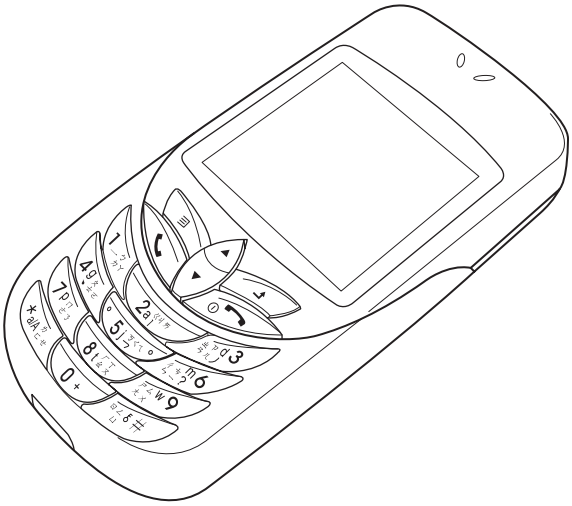
Asus Mobile

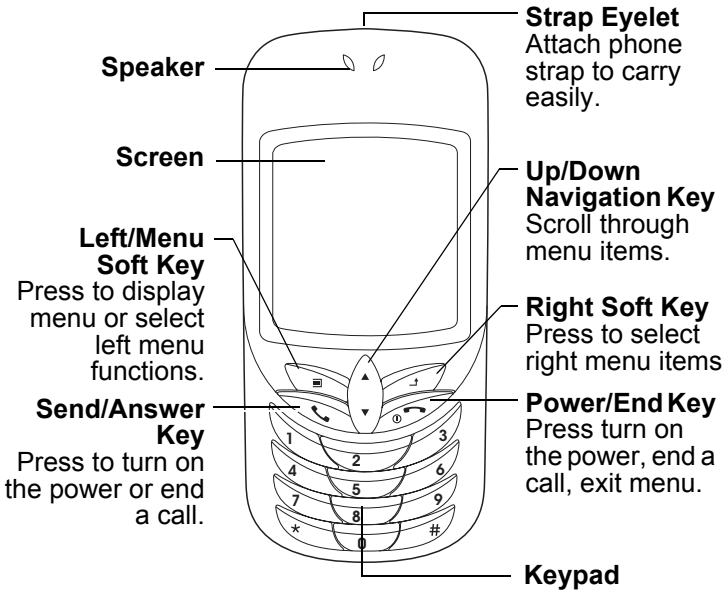
Tucana Cell Phone



User Guide

Welcome

Congratulations on your purchase of an Asus Mobile Tucana Cell Phone. The following illustration displays the features found on the front of your phone.



Overview

The Tucana's stylish design and color display make it a pleasure to carry around. The Tucana's has features to meet your communication needs and more.

Stay in touch with wireless networking

The Tucana is a phone for people who want to stay in touch with the world. In addition to all the basic calling and messaging functions you would expect with a cell phone, it supports multimedia messaging, allowing you to send and receive pictures. Wireless networking capabilities allow you to check e-mail or browse web services covering news, entertainment, reservations, finance, navigation services (GPS), and more.

Manage your time with the PIM

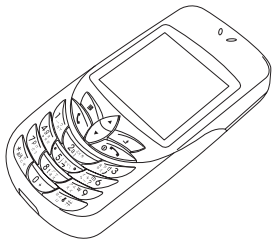
The Tucana is a phone for people on the go. The Personal Information Manager (PIM) helps you schedule appointments in the calendar, set alarms, or jot down important notes.

Play and create with camera, photo editing, games

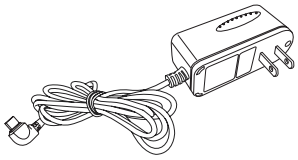
The Tucana is also a phone for people with a sense of creativity and fun. Not only does it include a built-in camera, but it offers a variety of photo editing options. Finally, for moments of fun, there are games and a music composer.

Unpacking list

The following items come included in the box with your phone.



Cell phone



Battery charger

User manual

Note: Please save the original box and packing materials in case you need to repack any items or send them for servicing.

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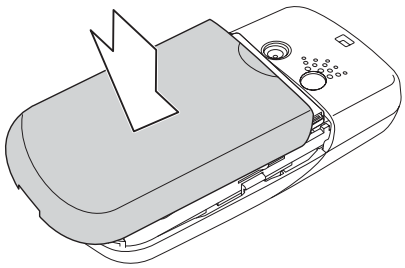
Getting Started

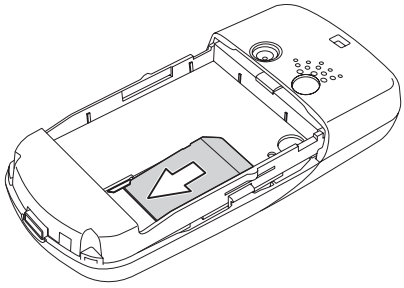
Inserting the SIM card and battery

When you register with a service provider, you receive a SIM card (Subscriber Identity Module card). Your phone must have a SIM card in order to make calls. The SIM card is a computer chip that contains your phone number, phone book information, and service provider information. Handle it with care and do not bend it or expose it to static electricity or dirt. Be sure the power to your phone is off before you insert your SIM card.

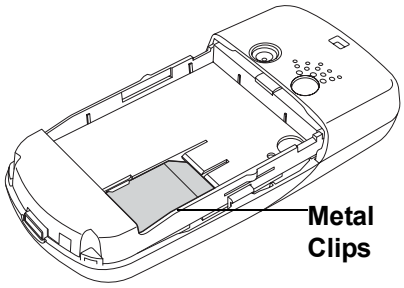
1. Press the notch on the back cover and slide forward to remove it.
2. Remove the battery. The battery has side tabs to make it easier to grasp.



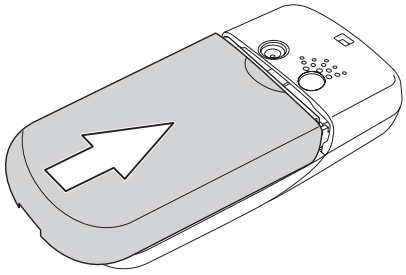
3. Place the new SIM card in the lower right corner. The gold plate on the SIM card should face down.



4. Slide the SIM card into position, secured under the metal clips.



5. Replace the battery cover. Place the back cover against the phone case, then slide it upwards to lock into place.



Turning the phone on

1. Hold down the Power/end key until the screen lights up.

2. If needed, enter your SIM card PIN code and press OK.

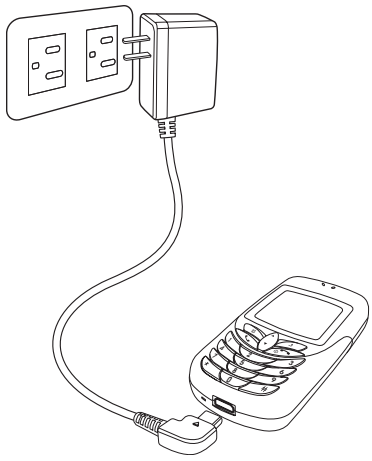
Turning the phone off

Press the Power/end key and hold until the phone shuts down.

Charging the battery

1. Connect the charger plug to an outlet.

2. Connect the charger to the socket at the bottom of the phone. The connector can only be inserted one way.



Note: For best battery performance, allow the battery to charge and discharge completely the first few times you use it.

Making a call

1. Enter the number you wish to dial. If you make a mistake, select **Clear** to delete. (The right soft key is just under the word **Clear** on the lower right screen, so select this key to clear a number.) To delete an entire number, press and hold the key.

2. Press the Send/Answer key to connect.

3. Press the Power/End key to disconnect.

Answering a call

1. Press the Send/Answer key to answer a call.

2. Press the Power/End key when the call is finished.

Adjusting the volume

To adjust the volume during a call, press the right soft key to increase volume, and the left soft key to decrease volume.

Using Your Phone

Standby mode

When your phone is on, but not in use, it is in standby mode. During standby mode, the upper part of the display screen shows various icons.

The date and time is displayed at the bottom of the screen. Beneath the date and time are **Menu** in the left corner and **Camera** in the right corner. Press the left navigation key to view the menu, and the right navigation key to use the camera.

The Standby screen icons are as follows:

	Bars indicate the strength of the GMS network signal. Five bars means your current position has the best reception.
	Alarm is set.
	A text message has been received.
	A multimedia message has been received.
	Call forwarding is activated.
	The SMS memory is full.
	Musical notes indicate sound-on mode. Notes with a line over them indicate sound-off mode.
	Roaming means your phone searches for available service providers when outside of your service provider area.

Menu

To view the menu, select the left soft key from the main display.

After the menu appears, scroll through menu items with the up and down navigation keys.

Beneath the main menu are **Select**, to the left, and **Exit**, to the right. Press the key just under **Select**, the menu key, to select an item. Press the key just under **Exit**, the right soft key, to exit the menu.

The right and left soft keys can also be used for selecting various options in sub-menus.

For example, to view missed calls, use the navigation key to scroll to **Call Logs**. Press the right navigation key to select. In the submenu, scroll down to **Missed Calls**, the second item, then press the right navigation key to select

Tip: Hitting the Power/End key is an alternative way to exit any menu.

Here are the icons for categories in the main menu:

	Phonebook is the place to store names and telephone numbers for easy access and caller recognition.
	Call logs store information about calls made, received, and missed.
	Messages enables you to compose and send text and multimedia messages, and stores messages received.

	Personal Information Manager (PIM) contains a simple calculator and a calendar for scheduling appointments. You can also enter notes or record memos.
	Camera enables you to take pictures with your phone. Pictures are also stored here.
	Fun and Games has a number of games as well as tools to manipulate audio and pictures.
	Settings lets you adjust settings including time, display, and security settings.
	WAP provides you with wireless access to the internet and e-mail.
	STK provides you with access to services and information through your SIM card.

Function keys

The following table lists the phone's keys and their functions.

	Power/end key • Hold to turn the phone on or off. • Press to stop an incoming call or cancel a call you are dialing. • Press to exit any menu view.
	Send/answer key • Press to send or answer calls. • Hold to redial last number called.
	Left/menu soft key • Press to perform the functions that are displayed in the lower left screen. • Press to move left when playing games.
	Right soft key • Press to perform the functions that are displayed in the lower left screen. • Press to move right when playing games.

	Up and down navigation key • Press to scroll through menu items. • Press the up arrow to view the main menu. • Press to move up and down when playing games.

Text entry

When you add names to your address book, send a text message, or use your WAP browser, you need to enter text. Your cell phone has two text entry methods. You can enter letters individually or with predictive text entry, which helps you complete words as you enter them.

Text entry: The basics

Use the **Clear** function, in the lower right of the screen, to clear a letter if you make a mistake. Use the # key to enter spaces between words.

Choosing text entry methods

From any text entry screen, such as a message window, select **Options>Input Method**. Select either Multitap or T9.

Multitap text entry

Multitap text entry enables you to enter individual letters. This is ideal for adding a phone book entry or entering a WAP address.

Press a key repeatedly to scroll through the assigned characters. When you find the desired character, enter it by typing the next letter on another key. When you press a key, the characters in the upper right of the screen as you scroll through them.

Here is a table showing Roman alphabet characters and their assigned keys.

Key	**Assigned Characters**
1	. , - ? ! ‘ @ : ; / ( ) 1
2	A B C Å Ä Æ à 2
3	D E Fè É 3
4	G H I Ì
5	J K L 5

Key	Assigned Characters
6	M N O Ñ Ö Ø ò 6
7	P Q R S ß 7
8	Y U V Ü ü 8
9	W X Y Z 9
0	+ 0

For practice, try entering text into a text message (SMS).

From the menu, go to **Messages>New SMS.** To enter the word, “hello,” first make sure that the entry method is set to multitap. Press **Options**, then select **Input Method**. Select **Multitap**. To enter the words “my phone” into the text entry area, follow these steps:

1. Press the 6 key to select **m**.
2. Press the 9 key three times to select **y.**
3. Press # to enter a space.

4. Press 7 to enter **p**, then press 4 two times to enter **h**. Continue until the word “phone” is entered.

T9™ text entry

T9™ text entry is a predictive text entry method. It uses a built-in dictionary to predict the word you are typing. You can choose the correct word from the suggestions on the bottom of the screen. By reducing the number of keystrokes, the T9™ text entry method helps some users to type messages more quickly.

Whenever you hit a key, a list of possible characters or character combinations appears on the screen. To enter text, use the scroll key to find the character combination you want. Press **Select** and the characters will appear in your message text. If you make a mistake, press **Clear**.

Here is an example of how to enter a word using T9™ text entry.

1. Let’s say that we want to write the word “baby.”

2. First press the 2 key. The choices **a, c, b** appear on the screen. Scroll to **b**, then press **Select**.

3. Next, press the 2 key again. The first choice of characters is **cc.** The screen also changes to **cc**. Do not worry that your first choice has been deleted. Scroll to the pair **ba**, and press **Select**. The letters **ba** now appear on the screen.

4. Press the 2 key once again for the third letter **b**. **cab** is the first character combination, and it appears on the screen, Scroll to **bab**, select, and **bab** appears on the screen.

5. Press the 9 key. The T9™ system predicts that **baby** is the probably the only word in English beginning with **bab**, and this word only appears on the screen. Select to enter.

Note: For T9™ text entry to work properly, ensure the language settings in your phone match the language you want to type in. see *Language* on page 49.

Calling Features

Redialing a number

1. Press the send/answer key. A list of numbers dialed appears, with the last number dialed at the end of the list.

2. Select the number you wish to dial, and press the send/answer key.

Dialed numbers can also be accessed from **call logs>dialed.**

Caller ID

If you have entered a contact's name and phone number into the phone book, then when the contact calls you, the name appears on your screen just as you have entered it in your phone book.

Showing or hiding personal information

When you make calls to other people, your phone number appears on their phone display. If your name and number are in the other party's phone book, your name appears alongside the number. There is, however, an option for calling without allowing your phone number to appear on the other You may choose to hide your number for the next call, or for all calls made.

To hide or show your phone number, go to **settings<call settings<caller number stat.**

Canceling an incoming call

If you would like to cancel an incoming call, press the power/end key. Depending on your service provider, the caller may be transferred to your voice mail, or may hear a busy signal.

Call logs

To view missed calls, as well as logs of dialed calls and received calls, select **call logs** from the main menu.

Returning a missed call

If you have missed a call, a message appears on your standby screen to tell you a call was missed.

1. To view missed calls, go to call **logs>missed calls**. Here, you may scroll through telephone numbers of missed calls and view additional information, such as the time and date received.

2. Select the missed call. Select **call**, or press the send/answer key.

You may also dial numbers stored in **dialed calls** or **received calls** by selecting **call** or pressing the send/answer key.

Other call features, such as call waiting or timing calls, can be set in **settings<call settings**.

Answer mode

The default setting for the phone is to answer when you press the send/answer key. However, you may also set the phone to pick up with any key, or to answer automatically.Select any of these options at **settings<call settings<answer mode**.

Call waiting

If your service provider offers call waiting, you first need to enable the **call waiting** option by selecting **activate** at **settings<call settings<call waiting**

When a call comes during another call, press the send/answer key to receive the second call.

Press the send/answer key to switch back to the first call, or to switch between calls.

Call barring

Call barring is a service available through your service provider. This service restricts different types of incoming and outgoing calls. In addition, you may select barring voice calls, data, faxes, messages, or all services. This is a password-enabled service; the call barring menu includes an option for setting password.

Find call barring at **settings<call settings<call barring.**

Timing Calls

Depending on the type of service package you have, you may pay according to the length of your calls. Some users like to monitor the length of their calls. Your phone offers a convenient and accurate way to keep track of length and costs of calls at **Call logs**>**Call Info**>**Call Costs** and **Call Timers.**

You can even set a limit for call length and have a tone sound to remind you that the time limit has been reached. Do this at **Settings**>**Call Settings**>**Minute Minder.** This is a reminder function only, and does not close a call.

International calls

To dial an international call, you should first enter a + by holding down the 0 key. After the +, insert the international access code for the country you wish to dial, followed by the telephone number.

Emergency numbers

Service providers may provide access to emergency numbers. These numbers are generally the same as landline emergency numbers, for example, 112 or 911. Service providers may even provide access to emergency numbers when the phone is locked or the SIM card is not inserted.

Note: Emergency numbers vary by country, so check numbers with your service provider when traveling. Sometimes emergency numbers cannot be placed because of network or geographical features.

Phone Book

The phone book enables you to store information for your contacts, including phone numbers, fax numbers, addresses, and email address. You can also set up special information for contacts, such as ringtone, picture, group, company, and URL.

You can access the phone book from either **Main Menu**>**Phonebook** or by pressing the **Down** navigation key.

Adding contacts

You can add new contacts from **Phonebook**>**New Number**. Use the number keys to enter information into the fields. Use the **Up** and **Down** navigation keys to move between fields. Select **Save** to save the contact information.

Note: You must give a contact a name before you can save.

Editing contacts

You can edit the information for any contact by selecting the contact and then **View**>**Edit**. Use the number keys to enter information into fields. Use the **Up** and **Down** navigation keys to move between fields. Select **Save** to save the contact information.

Options

The options submenu enables you to edit, delete, and copy to SIM card, contact information, as well as send SMS to contacts, search for contacts, view the contact list on the SIM card, set

groups, fixed dialing lists and speed dialing, and view your own number and memory status.

Copying contact information to SIM card

Copying contact information to the SIM card means the information can be read using other handsets by exchanging the SIM card. You copy a single contact by selecting **Copy to SIM,** or copy all by selecting **Copy All to SIM**.

Searching for a contact

To search for a contact, enter a string (for example the first part of the contact's name).

To view all contacts stored on the SIM card, select **SIM List**. You can edit contacts on the SIM card using the method described in "Editing contacts" on page 21.

Deleting a contact

To delete the current contact, select **Delete**. To delete all contacts, select **Delete All**.

Using a group list

Group Lists are a convenient way to group contacts. You can set ringtones and pictures for all members of a group at once. You can also send SMS to all members of a group by sending a single SMS

Using a fixed dialing list

Fixed Dialing Lists restrict the calls that can be made with the SIM card to those specified in the list. To specify a number in the Fixed Dialing List, select **Fixed Dial List** and then select an entry to view, edit, or delete. You can also add a number to the group.

Speed Dialing

Speed dialing enables you to dial numbers by pressing a single key. You can assign a contact's number to a key by selecting **Speed Dial List**

Viewing your own number.

To view your own number, select **Own Number**.

Viewing the status of the phone

To view the status of the phone and SIM card's memory, select **Memory**.

Messages

From the **Messages** section of the menu, you can send and receive text messages (SMS) or multimedia messages containing a combination of audio, pictures, or text (MMS).

If you have received a new text message or voice message, the envelope icon in the standby screen will flash on and off. To view a text message, select the **Messages** icon on the main menu and a list of text messages appears, with messages sorted from newest to oldest.

When your phone displays **Memory Full**, you must delete some messages from your received messages or your drafts folder before you can receive new messages.

Sending messages

Text messages (SMS)

To compose and send a text message:

1. Go to Messages>New SMS
2. A text entry box appears. Enter your message.
3. Select Options>Send, to send the message.
4. A frame appears, with the prompt **Enter Number**. Enter your number in the frame and select **Send**.

The phone supports two types of text entry, Multitap, and T9™ predictive text input. For more information, see *Text entry: The basics* on page 12.

1. Enter the text of your message.

2. To send the message, select **Options>Send**.

Selecting **Options** from the text entry box also enables you to select the following options:

Send	Prompts you to enter a phone number and send the message.
Save	If you are not ready to send a message, you may save it as a draft.
Insert	**New paragraph** enables paragraph formatting by adding a line space. **Template** inserts ready-made phrases, such as “I’ll be later,” or “Thank you.” **Own picture** inserts a picture of yourself.
Text format	Add emphasis to text with bold, italic, underline, or strikeout formatting.
Input language	Change your input language. This is essential for T9™ predictive text input.

Input method	Switch between Multitap and T9™ predictive text input.
Setting	need more info
Capacity	need more info

Shortcut keys

The * key switches between different case entry methods. The text entry icon at the top of the screen shows text entry modes. The book symbol on the icon shows that you are in text-entry mode.

	Upper case letters “ABC” indicate upper case mode.
	“Aa” indicates that the first letter of words is capitalized. All other letters are lower case.
	“abc” indicates lower case mode.
	The middle symbol indicates the text entry method. “T9” indicates T9™ predictive text input. If the middle space is empty, then the current text entry method is multitap.

Multimedia Messages (MMS)

Composing a new multimedia message

To compose a multimedia message, select **Messages>New MMS.** Three options appear:

Add text

1. Scroll to **Text** and select to enter text. The text entry box is the same as the text entry box for a text-only message.Enter text.

   In MMS text mode, only three options are available when you select **Options**: Save, Input Language, and Input Method.

2. Unlike for a simple text message, you must save your text in order to incorporate it into your MMS. Select **Options>Save.**

Add images

1. Select **Image** to add a picture or photograph to the message. A list of images appears in the phones My Pictures folder.

2. Select the photo you wish to add and select **OK**. The photo is automatically added to the MMS. In the main MMS screen, you see the text and images of your message combined together.

Add audio

1. Select **Audio** to add an audio file. A list of audio files available in the phones MySounds folder appears.

2. To send the message, enter the phone number or numbers to send the message to. Four fields appear on the screen, “To”, “cc”, and “bcc”. However, you cannot enter numbers directly on this screen. Select “To” and a separate screen appears. Enter the phone number on this screen and enter **OK**.

Sending the MMS

1. From the main MMS screen, press the send/answer key. Select **Send**.

When you press the send/answer key from the main MMS screen, the following options also appear:

Insert new page	Inserts a new page into the message.
Send	Sends the message.
Save as template	Saves the message as a template.
Preview	Preview the message before sending it.
Page timing	Controls the speed at which pages change, if there is more than one page.
Background color	Sets the messages background color.
Back	Returns to the previous menu.

Additional options for composing multimedia messages

When you select **Messages<MMS**, in addition to composing a new message, the following MMS options also appear on the screen:

Inbox	Received messages are stored here.
Drafts	You may select a previous draft to work with or delete drafts.
Outbox	Sent messages are stored here.
Templates	Templates can be sorted by date or type.
Setting	Sending need more info Retrieval Filters
MMS Profile	MMS Profile refers to the service or service provider used to send and receive messages.

Information Services

Information services that distribute content as text messages to your phone, with content about weather, news, and financial markets. Manage information services at **Messages>Information Messages**.

The phone comes with an information message box already set up. However, you need to enable various settings for it to work:

Reception	Enable **on.**
Auto Display	Enable **on** or **off** according to your preference
Set Info.	Choose among services offered by your provider. This will not work if you do not yet have a provider.
Language	Choose the language of the information service.

Voicemail

Voicemail is a service of your service provider. Voicemail messages are stored on the network server and not on your phone's SIM card.

Your service provider will give you a number to dial to hear your voicemail messages. You may directly dial the number, but you may also store and access the number from **Messages>Voicemail**. More than one voicemail account number can be stored here, if you have more than one voicemail account.

Using the Camera and Managing Photos

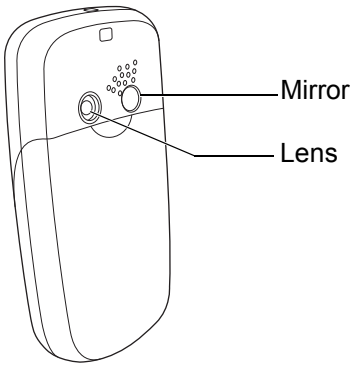
Your phone has an easy-to-use, built-in digital camera. After you take photos with it, you can send them to friends and family, set them as wallpaper, or even add a photo to your phone book, so that the picture appears when a someone calls you.

Taking a photo

1. Select **Camera** from the main menu.

2. Select **Activate**. The image from the camera lens appears on your screen.

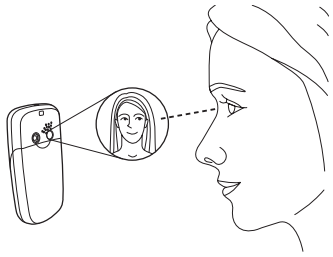
3. The camera lens is on the back of the phone, just above the battery. To take a photo, hold the phone upright and point the lens in the desired direction. Press **Capture** to take a photo.



4. The still photo image appears on the screen. If you are satisfied with the photo, press **Save** to add it to your photo album. If you do not wish to save the photo, press **Back**.

Self-portrait

You can take a self-portrait by using the small mirror on the back of your phone. Hold the camera with one hand and use another to press **Capture**. Look at your reflection in the mirror to position the camera.



Settings

There are two ways to adjust settings. Select from a list of settings in **Camera>Settings** or while in picture taking mode, press **Options**, to make adjustments through camera setting icons on the screen.

From **Camera>Settings**, the following settings can be adjusted:

Number of shots. When you select **Capture**, the camera normally takes one picture. You can change to setting, however, so that the camera takes more takes several sequential shots. Select from 1, 3, 6, or 9 shots. This is a useful option for situations where the action is changing rapidly, such as a sporting event.

Image size. Four sizes are available: 80 X 60, 160 X 120, 320 X 240, and 640 X 480.

Note: If you plan to share photos with others, keep in mind that all phones that support photos can receive 120 X 160 photos. Other sizes may not be supported.

Image Resolution. Select high, medium, or low resolution. "Resolution" refers to image quality and clarity.

Tip: High resolution requires the most memory. To save memory space, select middle or low resolution.

While in picture-taking mode (**Camera>Activate**), select **Options** to view camera settings icons and adjust camera settings. Scroll through the various options by selecting **Options** with the right soft key. Adjust the settings for an option using the up/down navigation key.

Icon here	**Zoom.** Three zoom setting icons appear in the lower left screen. Because zoom is the first option, you may also access zoom by pressing the up/down navigation key.
Icon here	**Brightness**. Adjust brightness according to environmental conditions. A sunny day requires lower settings while a cloudy higher ones.
Icon here	**Contrast.** Contrast makes dark areas darker and light ones lighter.

Icon here	**Color effects.** Scroll through several color effects. Color filters add a certain color to the entire shot. For example, with a blue filter, all objects in the picture are taken with a blue shade or overtone. There is also a photo negative effect and a color inversion effect, which replaces original colors with other colors.
Icon here	**Frames.** Select a decorative frame for your picture. You may also add this in
Icon here	**Number of shots**. (See above.)
Icon here	**Resolution.** (See above.)
Icon here	**Image size** (See above.)

Managing your photos

View the photo album by selecting **Camera>View Pictures**. If you prefer to scroll through full-frame views of individual photos, select any individual photo, then push the scroll button to view the next photo.

Select a photo, then select **Options** to view the various ways you can use your photos:

Set to wallpaper. Set a photo as wallpaper, the picture displayed in standby mode. You may select Fit to Screen or Put

on Center views. For more information on wallpaper, see *Display* on page 47

Set to Caller ID. Associate a photo with a contact in your phonebook. When the contact calls you, the photo displays.

1. Select **Options**>**Caller ID**.
2. A list of contacts in your phonebook appears. Select the desired contact.

Set to group image. For more information on groups and how to set a group in your phonebook, see *Using a group list* on page 22.

1. Select **Options**>**Group Image.**
2. A list of groups in your phonebook appears. Select the desired group.

Send from MMS. Attach the photo to a multimedia message. For more information on multimedia messages, see *Multimedia Messages (MMS)* on page 27.

Delete. Delete the selected photo from the photo album. Select **Yes** to confirm the deletion or **No** to cancel.

Adding effects to your photos

The variety of effects offered in your camera helps you to improve the look of your photos, or add creative touches. Bring out the best of a photo by changing the layout or editing photographic elements such as brightness and hue. Add

decorative frames and animations or change the look of a photo through artistic filters.

Animation

The Animated Frame option adds a decorative animated picture frame.
Animated Morph will animate a portion of the photo. Use the scroll bar keys to select different portions of the photo to animate.
Animated Stamp superimposes an animated picture onto a part of your photo.

Transform

Select the best layout for a photo with **Rotate**. Rotate photo position by 90°, 180°, or 270°.
Flip reverses the positions of elements in your photo.
Flip Horizontally places the horse on the right and the child on the left.
Flip Vertically would put the sky on the bottom, and the horse and child upside down at the top of the picture.

Face Off contains the types of effects you would expect to find at a carnival.

Morph twists the shape of a face or other selection something like the twisted reflections in a funhouse mirror. You may reapply this function several times to create even weirder effects. Do this by pressing repeatedly on the scroll key.
Mask superimposes masks on faces in the picture so you can dress up a friend in a wizard's hat or Halloween mask.
Hairdo adds hairdos to people in the picture.

Funny Theme superimposes decorative graphics on photos.

Frame adds a frame to the edges of the photo.
Greeting Card adds text and graphics to turn photos into greeting cards.
Text places text over photos.
Stamp places stamp graphics on the photo.

Filter applies a variety of artistic effects to your photos.

Blur decreases definition and contrast of objects. A radius bar appears. Increase or decrease the amount of blur by setting levels on the bar, using the up/down navigation keys.
Sharpen increases definition and contrast of objects.
Fill Flash distributes light evenly over both the subject and the background.
Smart Blur retains the sharpness of the main image while creating a smoother blur effect in the background.
Oil Paint adds brush-stroke effects to the photo.
Frosted Glass adds a frosted glass effect to the borders of the photo.
Beautify Skin smooths skin appearance and can cover skin blemishes.
Sepia changes photo colors to the brownish sepia tones of old photographs.

Adjustment enables you to adjust some of the basic visual components of a photo. After viewing an adjustment, press select to either undo or save the changes.

Hue/Saturation refer to the purity of a color, without dilution by black or white. Increasing hue/saturation makes the colors look deeper and more intense.
Color Balance changes the balance of colors in the photo by adjusting primary color values.
Mono creates a black and white photo.
Negative Creates the look of a photo negative by reversing dark and light areas.

Fun and Games

The Fun and Games section of the menu contains games, as well as creative sound and image tools.

Album

Selecting **Album** opens the photo album, along with the same functions found in **Camera>View Pictures**. For more information on managing and editing photos, see *Managing your photos* on page 35.

Sounds

need more info.

Pictures

Selecting **Pictures** opens an album of artwork and graphics that you can set as wallpaper, send as part of a multimedia image, and more.

To view an individual photo, select **View**.

Select **Options** for ways to display or share a picture. These are the same options as in the photo album: **Camera>View Pictures>Options.** See *Managing your photos* on page 35 for more information.

Composer

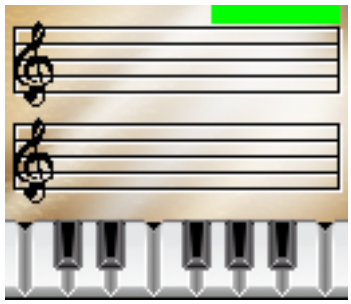
Composer is a midi music composition tool that allows you to compose and edit tunes with up to four channels. Composer

stores up to five tunes. The factory default setting for these phones is empty, so you can create completely new melodies.

Here is how to create a melody in Composer:

Select a melody, then select **Edit**.

1. Choose one channel, from channels 1-4.
2. A keyboard and blank music score appear on the screen.



You may choose from a scale of seven notes, from do to si/C to B. The number keys correspond to these notes. Below is a table of the keys and the corresponding notes and symbols.

Keys 1 through 7	0 notes on a seven-note scale from do/C to si/B.
9	0. Adds a dot to a note. (Lengthens duration.)
*	Select notes using the up/down navigation key. Press * to change the value of notes, among u f 0 c v p. Change the values of rests, among
0	Adds a rest.

3. Select **Options**>**Play** to hear your tune.

4. Select **Options**, and adjust **Tempo**, **Instrument**, and **Volume** to your liking.

5. **Save** your work to avoid losing it. Select **Options**>**Set** to Ringtone if you would like to set it as a ringtone. Select **Save**>**Exit** to leave editing mode.

Games

Your phone contains two games, RallyProContest, and Xfinity.

To navigate through games:

, Use the 4 and 6 keys to move right and left.

up and down navigation key	Move up and down
4 and 6 keys	Move right and left.

If you receive a phone call or message or an alarm sounds while you are playing a game, the game pauses.

Settings in Your Phone

In the settings section of the menu, you can select settings for personal preferences, such as display or ring style. You can also set useful features such as time and date or security features. This section of the manual introduces the most commonly used features.

Entering your name and phone number

Time and date

Setting the time and the date enables you to use your cell phone as a clock and calendar. You also need to set the time and date before using the Personal Information Manager (PIM). Set the time and date at **Settings>Handset Setting>Clock.**

Ring style

To set the phone to your favorite ring, go to **Settings>Sound and Alert>Ring Tone.** You may also choose to have the phone vibrate only, without making any sound, when a call arrives.

Tip: * is a shortcut key for setting the phone to silent mode.

You may also compose your own ring tone. For more information, see *Composer* on page 41

Ring volume

To adjust ring volume, go to **Settings>Sound and Alert>Ring Volume.**

Earpiece and ring volume, ring style, and answering settings can also be set together in **Settings>Profile**.

In profile, you select the type of environment you are in, and earpiece and ring volume adjust accordingly. For example, if you choose **outdoors**, the settings will be louder than if you choose **quiet**.

Display

Wallpaper

The wallpaper image is the image that appears in the background during standby mode. You can set a picture or a photo as a wallpaper image, or even select the calendar as the wallpaper image.

To set a photo or picture as wallpaper:

1. Go to **Settings>Handset Settings>Display>Wallpaper**. Select **Change**.
2. Select **Pictures, Calendar,** or **No Wallpaper.**
3. If you select **Pictures**, an album of artwork and graphics appears. Select the photo you would like to set as wallpaper.

4. There are two display options: **Fit to Screen**, and **Put on Center**. Choosing Fit to Screen means the picture fills the entire screen. Choosing Fit to Screen places the picture over the entire screen. Put on Center centers an image which is smaller than the size of the screen.

To set a photo taken with the phone's camera as wallpaper, go to **Camera>View Pictures>Options>Set to Wallpaper.** For more information, see *Managing your photos* on page 35

Start-up Animation

Start-up animation sets an animated image to display briefly when you turn on your phone.

Greeting

You can enter a personalized message, such as a favorite saying, to appear when you turn on the phone. This is called a **greeting**, and can be set at **Settings>Handset Settings>Greetings.**

Screen Saver

A screen saver image appears when there is no phone activity for a period of time. If you would like to set a screen saver image, go to **Settings>Handset Settings>Screen Saver**.

Menu display schemes

You can also choose between two different menu display schemes. The CrystalGazer scheme displays round icons in a spherical orbit, while the SunFlower scheme displays icons in a grid. Find schemes at **Settings>Handset>Scheme.**

Language

Set the language for displays and menus, as well as for language input. Go to **Settings>Handset>Language**. The automatic setting automatically sets the phone to the main language of the regional service provider.

Security

SIM card lock

To protect your phone from unauthorized use, you can enable PIN (Personal Identification Number) protection. Blocking access to the SIM card prevents others from accessing information on the phone or making calls. When you turn on the phone, or when the phone is locked, you must enter the PIN before the phone can be used.

To set Security and PIN settings, go to **Settings>Security>PIN codes.** After enabling the PIN protection option, you may set the PIN of your choice under **Change PIN.**

If you enter the wrong PIN code three times in a row, the SIM card is disabled. You must then contact your service provider for a PIN unblocking key (PUK) in order to enable the SIM card.

Keypad lock

When you are carrying the phone, keys could accidentally be pressed.Locking the keypad prevents numbers from accidental dialing. To lock the keypad, press the # key. To unlock the keypad, press on the # key.

You may also set the phone to automatically lock the keypad when the phone is unused for a certain period of time, by going to **Settings>Handset>Auto Keylock**. The auto keylock can be set to **on** or **off**.

Network information

View information about the type of network your phone is operating on at **Settings>Handset>PLMN.** (**PLMN** stands for Public Land Mobile Network Info). For example, if your phone might display “GSM 1800” to show it is on a GSM-type network, with 1800 MHz frequency.

Reset settings

You can restore the phone’s original settings at **Settings>Handset>Reset Settings.** The prompt “Restore factory settings? Yes/No” appears. Choosing “Yes” restores the settings that were in the phone at the time of purchase.

Personal Information Manager (PIM)

Your phone has a Personal Information Manager which includes a calendar, notebook, alarm clock and calculator. Select **PIM** on the main menu to access the Personal Information Manager.

Calendar

Your phone has a calendar which you can use to keep track of your appointments.
Select Calendar from the **PIM** sub-menu and press the **Left** arrow key to access the calendar. Press the **Up** and **Down** arrow keys to scroll through the days. Hold down the **Up** and **Down** arrow keys for about 2 seconds to go back or forward a week. By scrolling beyond the first or last days of the month, you can view the previous or next month.

Adding Appointments

To add an appointment:

1. Choose the day from the calendar that is displayed on the screen.
2. Select **Options** then **New Appt.**
3. Press the **Up** and **Down** arrow keys to select a field to change

If the **Date** field is not correct, change it by pressing **Select**, choosing a day from the calendar then pressing **Select** again.

Use the number keys to change the **Start Time**, **End Time**, **Subject** and **Note** fields.

To change the other fields, press **Select**, select the new setting and press **Select** again.

NOTE: You will not be able to insert spaces or upper case letters in fields where letters are used.

4. Press **Save** to save the appointment or the **Power/end** key to cancel.

Viewing and Editing Appointments

After creating an appointment, you can view or modify it if you need to. To view an appointment:

1. Select the day that the appointment was set up for from the calendar.

2. Press **Select** to view the selected day's appointments or press **Options**, where you can choose to view the selected day's appointments, the appointments for that week or all appointments. Choose the view type and press **Select**.

3. Select an appointment from the list and press **View** to view more details for that appointment.

To edit an appointment:

1. Follow the previous steps for viewing an appointment but instead of pressing **View** to view an appointment's details, press **Options**.

2. Select the Edit option and press Select. Edit the details as described in "Adding Appointments" on page 52 and press **Save**.

Deleting Appointments

The steps for deleting an appointment are similar to those for viewing an appointment.

1. Select the day that the appointment was set up for from the calendar.

2. Press **Select** to view the selected day's appointments or press **Options**, where you can choose to view the selected day's appointments, the appointments for that week or all appointments. Choose the view type and press **Select**.

3. Select an appointment from the list and press **Options**.

4. Select **Delete** to delete the selected appointment or **Delete All** to delete all appointments.

5. Press **Select** then press **Yes** to delete the appointment or appointments.

Select **Set to Wallpaper** to set the calendar as the wallpaper. see *Display* on page 47.

Notes

You can use the phone to record important information such as names of people or places or as a reminder to do an important task.

Select **Notes** from the **PIM** sub-menu and press the **Left** arrow key to access notes.

Adding Notes

To add a note:

1. Select **New Entry** and press **Select** to add a new note. For details on entering text, see *Text entry* on page 12.

2. After entering the notes you wish to make, press **Options**, select **Save** from the list and press **Select**.

Viewing and Editing Notes

After creating a note, you can view or modify it if you need to. To view a note, select the note you want to view and press **View**.

To edit a note:

1. Select the note you want to edit and press **Options**.

2. Select **Edit** from the list and press **Select**.

3. After modifying the notes, press **Options**, select **Save** from the list and press **Select**.

You can also press **Edit** from the view mode to edit a note.

Deleting Notes

To delete a Note:

1. Select the note you want to delete and press **Options**.
2. Select **Delete** to delete the selected note or **Delete All** to delete all notes.
3. Press **Select** then press **Yes** to delete the note or notes.

Sending Notes

You can send notes to someone else. To send a Note:

1. Select the note you want to send and press **Options**.
2. Select **Send** from the list and press **Select**.
3. Enter the person's phone number you want to send the note to and press **Send**.

Alarm

Use the alarm to set a time for waking up in the morning or remind you of important times.

To set the Alarm:

1. Select **Alarm** from the **PIM** sub-menu and press the **Left** arrow key.
2. Select **Set Time** and press **Select**.
3. Use the number keys to set the time for the alarm. Press **OK**.

4. Select **Repeat Daily** and press **Select** to turn it on or off. By turning this on, the alarm will activate at the same time each day.

5. Select **Alarm Status** and press **Select** to turn the alarm on or off.

Calculator

The calculator provides basic calculation functions such as addition and subtraction.

Select **Calculator** from the **PIM** sub-menu and press the **Left** arrow key to access the calculator. The following table lists the keys you can press to perform a simple calculation.

Calculator Function	Phone Key
Entering numbers	Press the number buttons on the phone keypad.
– , +, x , ÷	Use the **Up** arrow key to scroll through these arithmetic operation. The current arithmetic operation is displayed in the left side of the calculator display window.

Calculator Function	Phone Key
Clear/ delete	Press the right key located just under the C symbol on the calculator to clear the last number entered. This is also used to calculator window after the value has been calculated.
=	Press the menu key, located just under the calculator's = symbol to perform the calculation.
Negative numbers	Press the * key to switch between a negative or positive number.
Decimal point	Press the # key to enter a decimal point.

Voice Memo

This is similar to "Notes" on page 55 except that you record your voice instead. Select **Voice Memo** from the **PIM** sub-menu and press the **Left** arrow key.

Adding Voice Memos

To add a voice memo:

1. Select **<New>** from the list and press **Select**.

2. Press record to begin recording a memo.
3. Press the stop key to stop recording.
4. Press the play key to listen to the recording.
5. Press the floppy disk, enter a name for the recorded memo and press **Options**.
6. Select **Save** and press **Select** to save the recorded memo.

NOTE: If you save a voice memo with the same name as an existing one, the new voice memo will record over the old one.

Listening to Voice Memos

To listen to a voice memo:

1. Select the voice memo that you want to listen to from the list and press **Play**.
2. Press **Stop** to stop playback.

Viewing Information about Voice Memos

Information provides details about a voice memo such as the file name, time and date it was created, file size and time length.

1. Select a voice memo from the list and press **Options**.
2. Select **Info** from the list and press **Select**.
3. Press the **Up** and **Down** arrow keys to scroll up and down the menu list.

Renaming Voice Memos

To rename a voice memo.

1. Select the voice memo you want to rename from the list and press **Options**.
2. Select **Rename** from the list and press **Select**.
3. Type in a new name and press **Options**.
4. Select **Save** and press **Select** to rename the voice memo.

Setting Voice Memos to a Ringtone

The phone enables you to set a voice memo to a ringtone. To do this:

1. Select the voice memo you want to set as a ringtone and press **Options**.
2. Select **Set to Ringtone** and press **Select**.

Deleting Voice Memos

To delete a voice memo:

1. Select the voice memo you want to delete and press **Options**.
2. Select **Delete** to delete the selected voice memo or **Delete All** to delete all voice memos.
3. Press **Select** then press **Yes** to delete.

WAP

Wireless Application Protocol (WAP), allows you to browse the web, much like you would on a regular computer. Unlike regular websites, though, sites designed for WAP include only key content, and generally do not include graphics.

WAP access is provided through your service provider. Check with your service provider to see if your service package includes WAP access.

General Packet Radio Service (GPRS)

GPRS is a type of wireless access network. GPRS is used for MMS and SMS, as well as WAP access. Your phone can have two simultaneous GPRS connections, which means you can send and receive messages and have an ongoing web session at the same time.

Contact your service provider for details about GPRS availability and access.

Using WAP

Before you begin using WAP, you need to have a subscription which allows data transmission, and enter correct settings in the phone. Your settings may already be on your SIM card, or your provider may send them to you as an SMS. Check with your service provider for correct settings. You must select a Profile before you can begin using WAP. See *Profile Setting* on page 62.

Homepage

The Homepage is where you can browse the internet. You can browse by manually entering URLs or by accessing stored bookmarks. To stop browsing, press . When browsing, you can:

- Add the current address to your bookmarks
- Save a picture from the site
- Send a text message containing the current address (WAP Push)
- Set the current address to be the homepage for the current Profile

Profile Setting

You can select different service providers, as long as you have an account with them. Different configurations for providers are stored as profile settings. Although you only need one profile to browse using WAP, you may wish to set up different accounts for different purposes (such as secure online banking). Use the **Profile Setting** menu to select and configure service providers.

To add a new provider:

1. Press
2. Select **Add**.
3. Using the **Up** and **Down** navigation keys and the number keys to enter the Profile name, and settings according to those supplied by the provider
4. Select **Save** to save the settings.

WAP Push

WAP Push is a service which provides a WAP-accessible URL embedded in an SMS. You can view received WAP Push messages from **WAP**>**WAP Push**>**Inbox**. To delete a message, press **Select** then **Delete**.

You can set whether you wish to receive WAP Push messages on or off from **WAP**>**WAP Push**>**Setting**. To receive WAP Push messages, select **Accept all**. To refuse WAP Push messages, select **Deny all**.

SIM Application Toolkit (STK)

SIM Application Toolkit (STK) technology acts as a bridge between your SIM card and your service provider's network, enabling your service provider to make SIM card updates and send you SMS messages, and offer other services via your SIM card.

Additional Information

FCC Regulation:

This model phone complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

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

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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

RF Exposure Information (SAR)

This model phone meets the government’s requirements for exposure to radio waves.

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR 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. This is because the phone is designed to operate at multiple power levels so as to use only the poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 0.654 W/kg and when worn on the body, as described in this user guide, is 0.826 W/kg. (Body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of tap://www.fcc.gov/oet/fccid after searching on FCC ID: SNFG01

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 am from your body when the phone is switched on.

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