



CDMA2000



the SNAPPER



UTSTARCOM
PERSONAL COMMUNICATIONS

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LTCLOM353

UTSTARCOM
PERSONAL COMMUNICATIONS

USER GUIDE

WELCOME

Thank you for choosing the Snapper camera phone. This sleek new handset features a fashionable clamshell design with dual LCD screen displays. The one inch black and white sub-display screen on the outside allows you to quickly view incoming calls, message alerts or date and time functions, while the 65K 1.8" color main screen on the inside clearly displays pictures, graphics and text.

Equipped with today's most popular features, this stylish phone has a built-in CMOS 310K pixel camera with embedded flash for quick and easy pictures, day or night. It contains a MSM6050 chipset that allows for high-speed communication services such as wireless Internet access, messaging and image transmissions. It has a WAP 2.0 browser and is Java enabled, which allows you to download wallpapers, screensavers, games, ringtones and more. It supports text and picture messaging services so that you can send and receive messages in a variety of forms. In addition, it supports MIDI, MP3 or QCELP audio formats and JPG or PNC image graphics so that you can enjoy a rich multimedia experience.

This easy-to-use phone also features a two-way speakerphone and voice activated dialing for hands-free operation, has T9 predictive text input for quick text entries, displays up to 9 lines of text input, contains a 300-entry phone book for handy contacts access, is TTY/TDD compatible and supports English languages.

The Snapper camera phone is for the next generation of mobile handset users that need voice and data to stay connected today.

IMPORTANT INFORMATION

This Snapper user guide contains very important information about how to handle and use the phone. So please read this manual thoroughly, pay attention to the warranty on the back page and be alert to the exclusions and limitations of your warranty, which are related with the unauthorized use of components.

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Chapter 1

BEFORE USING YOUR PHONE

This chapter provides important information about using the
Snapper including:

- INSIDE THE PACKAGE
- HANDSET DESCRIPTION
- BATTERY USAGE
- BATTERY HANDLING INFORMATION

INSIDE THE PACKAGE

This package should include all items pictured below. If any are missing or different, immediately contact the retailer where you purchased the phone.



Handset



AC Travel Charger



User Manual



Standard Battery

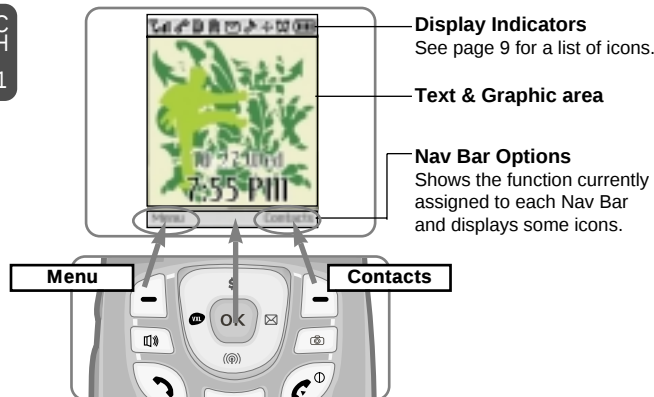
HANDSET DESCRIPTION

The Snapper weighs 3.7 ounces and the dimensions are 1.92" x 3.43" x .94".



HANDSET DESCRIPTION

CH
1



My Account

VirginXL



Text Message

Recent Calls

At the main screen

- Press up to access My Account, down to access Recent Calls, right for Text Message and left for VirginXL.

Inside the menu

- Within a menu, use the Navigation Keys to scroll through menu options, or to select a function displayed on the screen.



Press to make or receive a call.
Press and hold to turn on VR mode.



Press and hold to turn the phone on or off. Press to terminate a call or to return to the initial page.



(Left Nav Bar) Press to access the menu or function displayed on the bottom line



(Right Nav Bar) Press to access the phone book or function displayed on the bottom line



Press to clear a digit from the display or to return to the previous page.



Press and hold to enter Silencer mode.



Press and hold to enter Key Guard mode.



Press to access the Camera Menu.
Press and hold to activate Camera Mode.



Press to enable Speakerphone mode.

HANDSET DESCRIPTION

CH
1

DISPLAY INDICATORS



Signal Strength - Current signal strength: the more lines, the stronger the signal.



Service Indicator

Indicates call is in progress, indicates the phone cannot receive a signal from the system.



Message Indicator



Unread Message



Voice Message



Text Message



Digital Mode

Phone is operating in digital mode.



Battery

Battery charging level – the more blocks, the stronger the charge.



Mute

Phone is mute during a call.



Emergency Call

Blinks when an emergency call is in progress.



Speakerphone

Phone is in speakerphone mode.



Silencer

Phone will vibrate when a call is received.



Schedule

Appears when either an event or an alarm is set.



Ring Mode Indicator



Ringtone off



Vibrate on



Ringtone



High & Vib



GPS Icon

Indicates the Location Service of your cellular telephone is disabled/enabled.



VirginXL

Phone is in the progress of VirginXL.



TTY Mode

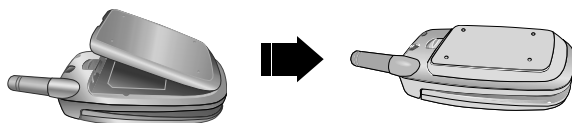
Indicates your phone's TTY mode is active.

Indicates your phone is out of TTY service area.

BATTERY USAGE

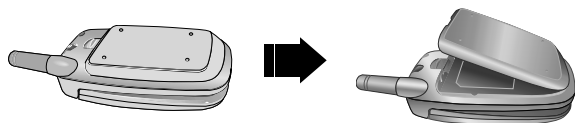
BATTERY INSTALLATION

- 1 Place the battery on the back of the handset and slide into place. 2 Push the battery down until it locks into place.



BATTERY REMOVAL

- 1 Pull down the release latch, lift up the battery and 2 remove the battery from the handset.



NOTE

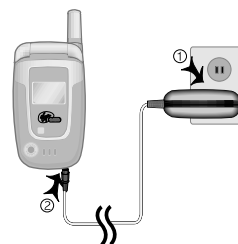
If the battery is not correctly placed in the compartment, the handset will not turn on and/or the battery may detach during use.

BATTERY USAGE

BATTERY CHARGING

POWER CONNECTION

- 1 Plug the AC Charger into a standard outlet.
- 2 Plug the other end of the AC Charger into the bottom of your phone. The battery must be installed onto the phone.



NOTE

- When you charge the battery with the phone power off, you will see a charging status screen. You cannot operate the phone until it is powered on.
- The battery is not charged at the time of purchase.
- Fully charge the battery before use.
- It is more efficient to charge the battery with the handset powered off.
- The battery must be connected to the phone in order to charge it.
- Battery operating time gradually decreases over time.
- If the battery fails to perform normally, you may need to replace the battery.

BATTERY USAGE

BATTERY TALK TIME

The operating time is subject to your handset usage and configuration.

BATTERY CAPACITY	
Standard Battery (1000mAh)	Up to 3 hours
Extended Battery (1800mAh)	Up to 5 hours

BATTERY STANDBY TIME

The operating time is subject to your handset usage and configuration.

BATTERY CAPACITY	
Standard Battery (1000mAh)	Up to 190 hours
Extended Battery (1800mAh)	Up to 300 hours



These times are for a new battery. Talk and Standby time may decrease over time.

BATTERY HANDLING INFORMATION

DOs

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging. It may take one to four days to completely drain.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local laws.

DON'Ts

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't accidentally short circuit the battery by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens. This may critically damage the battery.
- Don't leave the battery in hot or cold temperatures. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery into a fire.

Chapter 2

BASIC OPERATION

This chapter addresses and explains the basic features of your cellular telephone including:

- TURNING THE PHONE ON / OFF
- ACCESSING THE MENU
- MENU SUMMARY
- BASIC FUNCTIONS
- DURING A CALL
- MAKING AN EMERGENCY CALL

TURNING THE PHONE ON / OFF

TURNING THE PHONE ON

- 1 Press and hold , until "Power On" Logo appears and the tone sounds.



- If "Password" appears on the display, enter your 4-digit password to unlock your phone.
- The default password is the last 4 digits of your phone number.

TURNING THE PHONE OFF

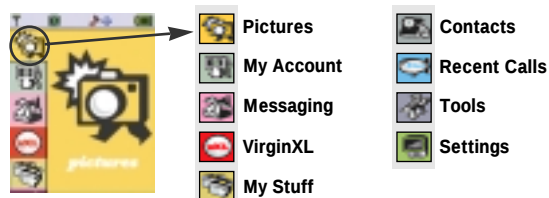
- 1 Press and hold , until your "Power Off" Logo appears.

NOTE

- Immediately change or recharge the battery when "Low Battery Warning Power Off" appears on the display. Memory may possibly be damaged if the phone turns off due to the battery completely draining.
- Turn the phone off before removing or replacing the battery. If the phone is on, unsaved data may be lost.

ACCESSING THE MENU

Your Snapper Telephone can be customized via the menu. Each function can be accessed by scrolling with the Navigation Key or by pressing the number that corresponds with the menu item.



- 1 To access the menu in the idle mode, press  [MENU].
- 2 To scroll through the menu options use the Navigation Key.
 - To search through the menu in numerical order, press the Navigation Key down.
- 3 To return to the previous page, press  . To exit the current menu and return to the idle mode, press .
- 4 Press  to enter a function when its main page is displayed or press its assigned number to have direct access to the function.

NOTE

Hotkeys

At the main screen, press and hold the Navigation Key as follows to access these functions:

- Up : My Account
- Down : Recent Calls
- Right : Text Message
- Left : VirginXL

MENU SUMMARY

Level 1	Level 2	Level 3	Level 4
1. <i>Pictures</i> 	1. Take a picture 2. My pictures 3. Send picture msg 4. Help	1. Pictures taken 2. Pictures received	
2. <i>My Account</i> 			
3. <i>Messaging</i> 	1. Send text msg 2. Send picture msg 3. Inbox 4. Virgin Alerts 5. Outbox 6. Voicemail 7. Saved 8. Erase msgs 9. Msg settings	1. Inbox 2. Outbox 3. Saved 1. Msg sounds 2. Auto text 3. Save to outbox 4. Auto erase 5. Text entry mode 6. Signature 7. Reply with copy	1. Read msgs only 2. Entire inbox 1. Inbox 2. Outbox
4. <i>VirginXL</i> 			
5. <i>My Stuff</i> 	1. My ringtones 2. My games 3. My other stuff 4. My graphics 5. My sounds		
6. <i>Contacts</i> 	1. Find by name 2. Find by number 3. Add new 4. Group 5. Speed dial 6. Msg group 7. My phone #		
7. <i>Recent Calls</i> 	1. All calls 2. Missed calls 3. Incoming calls 4. Outgoing calls		

MENU SUMMARY

Level 1	Level 2	Level 3	Level 4
8. <i>Tools</i> 	1. Voice tools	1. Voice memo 2. Voice dial 3. Train words 4. Voice setting	1. Record 2. Play 3. Play on speaker 4. Erase all 1. Record 2. Review 3. Review on speaker 4. Erase all 1. "Yes" 2. "No" 3. "Wake-up" 4. Undo train all Set active Hands free mode
	2. Alarm	1. Alarm 1 2. Alarm 2 3. Alarm 3 1. Add event 2. View event	
	3. Scheduler		
	4. Calculator 5. Stopwatch 6. World clock		
9. <i>Settings</i> 	1. Sounds	1. Ringtones 2. Msg tones 3. Voicemail 4. Volume 5. Tone length 6. Silencer mode 1. Menu style 2. Graphics	1. Ringtones 2. Key tone 3. Voice call 4. Speakerphone
	2. Display	3. Sub screen 4. Greeting Banner 5. Contrast 6. Backlight	1. Screensaver 2. Wallpaper 3. Incoming call
	3. Call options	1. Call answer 2. Active flip 3. Auto answer 4. Auto retry 5. Location 6. TTY	Main LCD Sub LCD LCD Keypad Dimming

MENU SUMMARY

Level 1	Level 2	Level 3	Level 4
	4. Game settings	1. Backlight 2. Volume 3. Msg alert	
	5. Security	1. Lock phone 2. Limit use	1. Outgoing 2. Recent calls 3. Contacts 4. Pictures 5. Browser
		3. Change lock code 4. Special numbers	1. Special #1 2. Special #2 3. Special #3
	6. Phone info.	5. Erase contacts 6. Erase downloads 7. Erase pictures 8. Reset phone 1. MDN 2. S/W version 3. H/W version 4. PRL version 5. Browser 6. ESN	

BASIC FUNCTIONS

MAKING A CALL

1 Enter a phone number.



To modify the phone number you have entered:

- To erase one digit at a time press .
- To erase the entire number, press and hold .



2 Press .
The indicator , appears on the display.



- If "CALL FAILED" appears on the display or the line is busy, press or .
- If you activate the "AUTO RETRY" function, the phone will automatically redial for the number of times you have selected. (Refer to page 84).
- When you place or receive a call from stored phone numbers, both the name and phone number will be displayed.
- There is another way to make a call through the VR mode, which is called "VAD (Voice Activated Dialing)". Please refer to page 65 (Voice Service) for more details.



3 To end a call, press .

BASIC FUNCTIONS

SPEAKERPHONE

The speakerphone feature lets you listen to audio through the speaker and talk without holding the phone.

- 1 To activate the speakerphone in idle, answering or calling modes, press .
- 2 The phone returns to normal (speakerphone off) after ending a call or when the phone is turned off and back on.

PAUSE FEATURE

Pauses are used for automated systems (i.e., voicemail, calling cards). Insert a pause after a phone number then enter another group of numbers. The second set of numbers is dialed automatically after the pause. This feature is useful for dialing into systems that require a code.

- 1 To insert a pause, enter a phone number then press [OPTIONS]. Select either a Hard pause ("P" appears) or a Timed pause ("T" appears).
- 2 Press to dial or [SAVE] to store. Please refer to page 30 for more details about storing a phone number.

BASIC FUNCTIONS

ANSWERING A CALL

- 1 To answer a call, press any key except , , or .

By pressing , you can select either "Any Key" or "Send Key" to answer a call. If "Send Key" is selected, the phone can only be answered by pressing . See page 83 for more information.

- 2 To end the call, press .



In Auto Answer Mode a call is automatically answered after a preset time of ring tones. See page 84 for more details.

CALLER ID FUNCTION

Identifies caller by displaying their phone number. If the caller's name and number are already stored in your Contacts, they both will appear.



The caller ID is stored in the Recent Calls.

BASIC FUNCTIONS

CALL WAITING FUNCTION

Notifies you of an incoming call when you are already on a call by sounding a beep tone and displaying the caller's phone number.

- 1 To answer another call while on the phone, press . This places the first call on hold. To switch back to the first caller, press  again.



Call Waiting is a system dependent feature. Please contact your service provider for details.

ADJUSTING VOLUME

Adjusts the volume of the ringtone, voice call, key beep and speaker.

- 1 Press  [MENU]    then select one of the following.

- Ringtones : Controls the ringtone volume.
- Key tone : Controls the key pad tone.
- Voice call : Controls the earpiece volume.
- Speaker Phone: Controls the speaker volume.

- 2 Adjust volume then press  [OK] to save it.



To adjust earpiece volume during a call, press the Navigation Key up or down. Or side volume key up or down.

BASIC FUNCTIONS

SILENCER

Mutes key tones and activates the vibration mode to alert you of an incoming call or message.

- 1 To turn Silencer mode on/off, press and hold .  will be displayed to indicate Silencer mode is active.

DURING A CALL

To display menu options during a call, press [OPTIONS].

MUTE (UNMUTE)

The caller cannot hear you or any sounds from your phone but you can still hear them.

1 Press [MENU] .

- To deactivate, press [MENU] .
- The phone will automatically unmute in Emergency Call or Callback mode.

MESSAGING

Enables you to send a message (SMS) during a call.
(Refer to page 95 for more details.)

1 Press [MENU] .

MY PHONE

Enables you to view your phone number while on a call.

1 Press [MENU] .

MAKING AN EMERGENCY CALL

This 911 feature puts the phone in the Emergency Call Mode when you dial the preprogrammed emergency number, 911.
It also operates in the lock mode and out of the service area.

911 IN LOCK MODE

The 911 call service is available even in the lock mode.

1 Enter “911” then press .

2 The call connects.

3 The phone maintains the Emergency call Mode for 5 minutes.

- When the call ends, the phone returns to the Lock Mode.

911 USING ANY AVAILABLE SYSTEM

1 Enter “911” then press .

2 The call connects.

3 The phone maintains the Emergency Mode for 5 minutes.

- The phone continuously attempts to receive or outgoing call service from any available system.

Chapter 3

MEMORY FUNCTION

This chapter addresses memory functions including:

- STORING A PHONE NUMBER
- ENTERING LETTERS, NUMBERS & SYMBOLS

STORING A PHONE NUMBER

The Contacts stores up to 300 entries.

- 1 Enter phone number then press **[OK]** [SAVE].
- 2 Choose “New contact” or “Existing contact”. Press **[OK]** [OK] to select.
- 3 If “New contact” is selected, the phone # will appear above a list of icons. The name of the icon is displayed below the list. Press the Navigation Key left or right to choose the type of # you’re adding, as indicated by the icon. Press **[OK]** [OK] to select. If “Existing contact” is selected, the Find screen will appear. Select the contact name you are editing then press **[OK]** [OK]. The new number will appear above the list of icons. Select the type of # you’re adding then press **[OK]** [OK].
- 4 Enter a name or edit the existing name. Please refer to page 31 for more details on entering letters, numbers & symbols. To change the input mode, press **[MODE]** [Abc]. Press the Navigation Key down to enter information into the additional fields.

Group : Personal, Business & Etc

Ringtone.

Graphic.

Msg Tones.

Set Secret : Lock, Unlock.

The other fields are set to Numeric mode as a default.
- 5 To store the entry, press **[OK]** [SAVE]. “New contact added” or “Contact edited” will be displayed.

ENTERING LETTERS, NUMBERS & SYMBOLS

The input mode (Alpha editor) will be automatically activated when necessary to enter letters and numbers. As shown below, there are 4 available modes: Standard input mode (Abc), T9 input mode (T9Word), Numeric mode (NUM), and Symbol mode (Symbols).

The input mode indicator appears on the lower right of the display when letters and numbers are entered. To select the desired input mode among the 4 modes below, press **[MODE]**, then enter letters and numbers.



Input mode indicator

T9Word : T9 mode
Abc : Abc mode
123 : Numeric mode (123)
Symbols : Symbol mode

The following illustrates the function assigned to each key in the Alpha Editor.

KEY	FUNCTION
Mode	Press to change mode. [T9Word][Abc][NUM][Symbols]
Next	Press to view the next matching word if the highlighted word is not the word you intended.
Space	Press to accept a word and add a space.
Caps Lock	Press to select a letter case of the standard text input or T9 text input mode. [Abc], [ABC], and [abc] indicate the standard text input. [T9Word], [T9WORD], and [T9word] indicate the predictive text input.
Clear	Press to delete a character to the left of the cursor.

ENTERING LETTERS, NUMBERS & SYMBOLS

STANDARD INPUT MODE

Use the digit keys to enter letters, numbers and characters.

- 1 Enter letters using the key pad as follows:

Key Pad	1 Time	Repetitions 2 times	Repetitions 3 times	Repetitions 4 times	Repetitions 5 times
1	.	@	-	'	...
2ABC	A	B	C	2	A
3DEF	D	E	F	3	D
4GHI	G	H	I	4	G
:	:	:	:	:	:
9WXYZ	W	X	Y	Z	9

To change the input mode, press [Abc].

- 2 To enter a space, press . The cursor will automatically move to the next column.
- 3 Repeat until all letters are entered. Text Messages have a 160-character limit.
- 4 To delete one digit, press . To delete the entire entry, press and hold .
- 5 To change from lowercase to uppercase, press .



Select Abc mode by pressing [Abc].

When you select this mode, the Abc icon appears as a visual confirmation.

- Find the key that corresponds to the letter you want to enter.
- Press it as many times as needed for the letter to appear on the screen.
- To enter the name "John":

Press [] J
 Press [] [] [] O
 Press [] [] H
 Press [] [] N

ENTERING LETTERS, NUMBERS & SYMBOLS

T9 INPUT MODE

The T9 input mode incorporates a built-in-dictionary to determine a word based on the entered characters. A word can be entered more quickly by pressing a key once per character.

- 1 Select the T9Word mode by pressing [Abc].
- 2 Press a digit key once to enter the character you want then enter all the characters to input the word you want.
- 3 To view the next matching word, press .
- 4 To accept the matching word then enter a space, press .



To enter a compound word:

- Enter the first part of the word then press to accept it.
- Enter the last part of the word then press to enter the word.



To enter "Hilltop" in the T9 input mode:

- Press [Abc] to select the T9 input mode and to choose the small letter case (T9Word).

- Press [] [] [] [] and you will see "Hill" highlighted. Press to select it.

- Press [] [] [] and you will see "top" highlighted. Press to select it.

NUMERIC MODE

Allows you to enter numbers.

1 To enter Numeric Mode, press  [Abc] then select "123".

2 To enter a number, press a digit key.

SYMBOL MODE

Allows you to enter symbols.

1 To enter Symbol Mode, press  [Abc] then select "Symbols".

2 Select the symbol you want to enter with the Navigation Key.

- Use the Navigation Key to view a different line of symbols.

Press [  ].

or

Press [  ].



Chapter 4

MENU FUNCTION

This chapter addresses accessing the menu and using its functions and features to customize your Snapper camera phone.

- PICTURES
- MY ACCOUNT
- MY STUFF
- CONTACTS
- RECENT CALLS
- VOICE TOOL
- TOOLS
- SETTINGS

TAKE A PICTURE

Taking pictures with your phone's built-in camera is as simple as choosing a subject, pointing the lens, then pressing a button.

TAKING A PICTURE THROUGH THE MENU

- 1 Press  [MENU]  .
- 2 Point the camera lens at your subject.
You can check the picture framing through the main display screen.
- 3 To take the picture, press  [OK] or the Side Camera Key.
- 4 To send the picture to someone, press  [SEND].
To save the picture, press  [SAVE].

- You can receive a call while in the Camera Mode, but not when sending a picture to someone. When this occurs, all incoming calls will be automatically forwarded to voicemail.

TAKING A PICTURE IN IDLE MODE

- 1 To activate Camera Mode, press and hold the Side Camera Key or press and hold .
- 2 Point the camera lens at your subject.
You can check the picture framing through the main display screen.
- 3 To take the picture, press the Side Camera Key.
- 4 To send the picture to someone, press  [SEND].
To save the picture, press  [SAVE].

TAKING A PICTURE WITH THE PHONE CLOSED

This is perfect for taking self-portraits.

- 1 To activate Camera Mode, press and hold the Side Camera Key.
- 2 Point the camera lens at your subject.
You can check the picture framing through the sub display screen.
- 3 To take the picture, press the Side Camera Key.

PICTURES

CAMERA MODE OPTIONS

When the phone is open and in Camera Mode, several user options are available.

RESOLUTION

Press the Navigation Key up or down to adjust the picture size from High (480x640 pixels), Med (240x320 pixels), Low (120x160 pixels). The current picture size appears at the top left of the display screen.

Zoom

Press the Navigation Key left or right to change the magnification. (Zoom to 1x, 2x or 4x magnification.). The Zoom Magnification appears at the top right of the display screen.

UNDER [OPTIONS]

1. SELF PORTRAIT

Switch the viewfinder to the Sub LCD. (Take a picture of yourself by checking the view on the Sub LCD.)

2. ADD A FRAME

Select your favorite fun picture frame to decorate your picture by pressing the Navigation Key left or right, press  [SELECT]. (Off / Blue frame / Eyes / Fauna / Flowers / Geese / Her thoughts / Hex / His thoughts / Limo / One eye / Orange frame / Pinky / Rising / Spade / Stripey / TV / Virgin Mobile / Wild eyes / Yellow frame)

3. FLASH

Activate the flash function. (On this shot / Always on / Off)

4. SELF TIMER

Activate the camera's timer function. (5 Secs / 10 Secs / Off)

5. PIC CONTROLS

Adjust your picture using the following options:
(Brightness / Image effect / Quality / Contrast)

6. SHUTTER SOUND

Select a shutter sound. (Classic / Say "Cheese" / Ready 123)

PICTURES

MY PICTURES

1 Press  [MENU]   or press  .

2 Select one of the following options with the Navigation Key, then press  [OK].

- Pictures taken: To view photos you have captured with your camera.
- Pictures received: To view the folder storing pictures you have downloaded or assigned.

3 To access the "Pictures taken" options menu, press  [OPTIONS].

- Assign: To assign the selected picture to display for specific tasks: (Contacts / Wallpaper / Incoming call / Screensaver)
- My Pix: To select an option to upload pictures saved in your phone to the Picture Mail Website.
- Take pic: To return to Camera Mode to take another picture.
- Erase: To erase selected pictures, select an option and then press  [OK].
- Erase all: To erase all pictures.
- Edit title: To enter or edit a title for the picture.
- Pic information: To display picture information such as title, time/date, size, etc.

To access the "Pictures received" options menu, press  [OPTIONS].

- Assign: To assign the selected picture to display for specific tasks: (Picture ID / Screensaver / Incoming call)
- Erase: Erase the current picture from your mobile phone.
- Erase all: To erase all pictures.

4 To access "Send picture msg" from the "Pictures taken" menu, press  [SEND].

PICTURES

SEND PICTURE MSG

Once you've taken a picture, you can use the messaging capabilities of your phone to instantly share it with family and friends. To send a picture to a recipient's email address or to a Virgin Mobile camera phone:

- 1 Press [MENU] .
- 2 The "Pictures taken" menu appears with all the saved picture thumbnails. Scroll through the captured pictures to select the picture you want to send, then press [OK]. Press [OPTIONS] to select "Picture received" or "My Pix" by pressing the Navigation Key then press [OK].
- 3 Under "Send To", enter the email address or mobile phone number and press [OK]. Press [OPTIONS] to select 1. Contacts, 2. My Pix, 3. Text Mode: 123, 4. Msg Group, 5. Save Contact. Press [RECENT] to choose a recently used number or email address.
- 4 Under "Subject", enter a subject line for the message. Press [OK].
- 5 Under "Message". The picture will come up underneath the flashing cursor. Enter the message and press [OK]. Press [OPTIONS] to 1. Record Voice, 2. Insert voice memo, 3. Insert Auto text, 4. Save to Auto text or 5. Erase pic.
- 6 To send the picture, press [SEND].
Please refer to page 98 for more details on "Send picture msg".

PICTURES

HELP

- 1 Press [MENU] .

- Use up/down keys to change picture size, left/right keys to change zoom and Side up/down keys control rotation on preview mode.
Camera menu provides more settings:
 1. Self portrait: Enable previewing on external LCD.
 2. Add a frames: Choose from 19 different frames to make picture taking fun.
 3. Flash: Provides just enough light to allow pictures to be taken.
 4. Self timer: Set timer to take a self portrait.
 5. Pic controls
 - 5.1 Brightness
 - 5.2 Image effect
 - 5.3 Quality
 - 5.4 Contrast
 6. Shutter sound: Select a sound to use for shutter.

MY ACCOUNT

You can manage your Virgin Mobile account from your phone. The basic tasks are summarized below. For more information about your Virgin Mobile account, visit www.virginmobileusa.com.

CHECKING YOUR ACCOUNT BALANCE

You can check the amount of money remaining in your Virgin Mobile account right from your phone.

- 1 From the main screen, press  [MENU]  "My Account" or press the Navigation Key up.

TOP-UP YOUR ACCOUNT

Top-Up is how you add money to your Virgin Mobile account. You can Top-Up your account right from your phone, but first you'll have to buy a Top-Up card from one of the thousands of stores that carry them or register a debit or credit card with Virgin Mobile.

- 1 Press  [MENU]  "My Account".
- 2 Press  [OK] to proceed.

MY STUFF

Your Snapper phone provides a unique feature - My Stuff - that enables you to download games, ringtones, images, applications and more from Virgin Mobile's network to your mobile phone. For more information, go to www.virginmobileusa.com.

START MY STUFF

- 1 To launch "My Stuff" from the standby mode, press  [MENU] .
- 2 Choose one of the menu options:
 - My ringtones
 - My games
 - My other stuff
 - My graphics
 - My sounds
- 3 To view the amount of memory free and used, press  [MEMORY].
- 4 To end the application, press  . The phone will return to the standby mode.

MY STUFF

MY RINGTONES

You can download the latest ringtones right to your phone. Charges apply. Visit www.virginmobileusa.com for details.

- 1 Press  [MENU]  .
- 2 Select "Get more ringtones" then press  [GO]. You will be taken to the "My ringtones" download menu.
- 3 Use the Navigation Key to select the ringtones you wish to download.
- 4 From the item information page, select "Buy".
- 5 A confirmation page will notify you that the ringtone has been purchased. To download the ringtone, select "Download".

NOTE

- Your phone comes with 5 pre-loaded ringtones: Hey Baby, Metal, Scratchin, Synth, and Jingle. Press  [ASSIGN] to assign to a contact or as your incoming call ringtone.
- Downloaded ringtones will be stored in your phone's My Ringtones folder.

MY STUFF

MY GAMES

You can download the latest games and play them right on your phone. Charges apply. Visit www.virginmobileusa.com for details.

- 1 Press  [MENU]  .
- 2 Select "Get more games" then press  [GO]. You will be taken to the "My games" download menu.
- 3 Use the Navigation Key to select the game you wish to download.
- 4 From the item information page, select "Buy".
- 5 A confirmation page will notify you that the game has been purchased. To download the game, select "Download".

NOTE

- Your phone comes with 2 pre-loaded demo games: THUG2 and Bejeweled. You can purchase the full version of each after playing the demo.
- Downloaded games will be stored in your phone's My Games folder.

MY STUFF

MY OTHER STUFF

You can download and access other VirginXL applications right on your phone. Charges apply. Visit www.virginmobileusa.com for details.

- 1 Press [MENU] .
- 2 Select “Get more stuff” then press [OK]. You will be taken to the “My other stuff” download menu.
- 3 Use the Navigation Key to select the item you wish to download.
- 4 From the item information page, select “Buy”.
- 5 A confirmation will notify you that the application has been purchased. To download the application, select “Download”.

NOTE

Downloaded applications will be stored in your phone's My Other Stuff folder.

MY STUFF

MY GRAPHICS

You can download the latest ringtones right to your phone. Charges apply. Visit www.virginmobileusa.com for details.

- 1 Press [MENU] .
- 2 Select “Get more graphics” then press [OK]. You will be taken to the “My graphics” download menu.
- 3 Use the Navigation Key to select the graphics you wish to download.
- 4 From the item information page, select “Buy”.
- 5 A confirmation page will notify you that the graphic has been purchased. To download the graphic, select “Download”.

NOTE

- Press [ASSIGN] to assign to a Contacts, Wallpaper, Incoming call, Screensaver.
- Downloaded screensavers and wallpapers will be stored in your phone's My Graphics folder.

MY STUFF

MY SOUNDS

You can save all received sound attachments in the My Sounds folder on your phone.

- 1 Press [MENU] .
- 2 Use the Navigation Key to select the sounds, then press [PLAY].
- 3 Press to "Play".
To return to the previous page, press .

CONTACTS

Stores up to 300 entries, each of which can be assigned to a group. Entries can be retrieved by name or group.

FIND BY NAME

Retrieves an entry by name and calls by simply pressing [CONTACTS]. You can review all the entries stored in your Contacts list or find an entry quickly by entering a name or its character string.

- 1 Press [MENU] .
- 2 The list of names in your Contacts is displayed alphabetically.
- 3 Enter a name or its character string or scroll through the list with the Navigation Key. Please refer to page 31 for more details on entering letters, numbers & symbols.
- 4 All matching entries will be displayed. Highlight an entry. To edit the entry, press [OK]. Press [OPTIONS] to view options like: 1. Add Speed Dial #, 2. Erase and 3. Prepend. If the contact has a mobile phone number your options will be: 1. Send text, 2. Send picture msg, 3. Add speed dial #, 4. Erase or 5. Prepend. If only an email or web address is saved for the contact, your options will be 1. Send text, 2. Send picture msg and 3. Erase.
 - If the entry is set to secret, you will be asked for your password. (Refer to page 83 for password information.)
- 5 To call the selected number, press .

Please refer to page 97 or page 98 for more details on "Send text msg" & "Send picture msg".

CONTACTS

FIND BY NUMBER

Lists contacts numerically so you can quickly find a number.

- 1 Press [MENU] 2 .
- 2 The list of phone numbers saved in your phone book will be displayed in numerical order.
- 3 Enter a part of the phone number or scroll through the list with the Navigation Key. The name associated with that number will be displayed at the bottom of the screen.
- 4 All matching entries will be displayed. Highlight an entry. To edit the entry, press [OK]. Press [OPTIONS] to view options like: 1. Add Speed Dial #, 2. Erase and 3. Prepend. If the contact has a mobile phone number your options will be: 1. Send text, 2. Send picture msg, 3. Add speed dial #, 4. Erase or 5. Prepend.

- If the entry is set to secret, you will be asked for your password. (Refer to page 83 for password information.)

Please refer to page 97 or page 98 for more details on “Send text msg” & “Send picture msg”.

- 5 To call the selected number, press .

CONTACTS

ADD NEW

Adds a new entry.

- 1 To add a new entry to the Contacts, press [MENU] 3 .
- 2 To enter a name or number, use the Navigation Key to select the one of the entry fields.

ENTRY FIELDS :

Name/Mobile/Home/Office/Group/E-mail/Ringtone/
Msg tones/Graphic/Set Secret.

Please refer to page 31 for more details on entering letters, numbers & symbols.

- 3.1 To save the entry, press [SAVE].
- 3.2 To return to the previous page, press .

CONTACTS

GROUP

Allows you to classify phone entries into groups. Preset groups include Personal, Business, Etc., and All. Your phone can store up to seven groups.

ADD NEW GROUP

- 1 To add a new group, press [MENU] .
- 2 Press [OPTIONS] to select "Add group", then press [OK].
- 3 Input a new group name.
- 4 To save, press [OK].

CHANGE GROUP NAME

- 1 Press [MENU] .
- 2 Select an existing group name with the Navigation Key.
- 3 To select "Rename", press [OPTIONS].
- 4 Input a new group name.
- 5 To save, press [OK].

CONTACTS

ERASE GROUP

- 1 Press [MENU] .
- 2 Use the Navigation Key to select, then delete the group.
- 3 To delete it, press [ERASE].
- 4 To erase it, press [OK].



The default group names (All, Etc.) cannot be erased.

CONTACTS

SPEED DIAL

In idle mode, calls can be placed to numbers stored in speed dial by pressing & holding the location number on the key pad. For a 2-digit location number, press the first number, then press and hold the second number.

1 Press [MENU] .

2 To assign a phone number to a location, select the location then press [ASSIGN].

- If a phone number is already assigned to the location, press [ERASE] and [OK] to delete.

3 Select the entry with the Navigation Key then press [OK].

- If the entry is set to secret, you will be asked for your password.

NOTE

- "1 Key" is used for One-Touch voicemail dial feature.
- "Unassigned" appears if the location is available.
- If a phone number is set as Secret, you will have to enter the password. (Refer to page 89 for password information.)

4 "Speed dial # number edited" will be displayed.

NOTE

Press [OPTIONS] to 1. Add Speed Dial#, 2. Erase or 3. Prepend.

8.9.

SETTING A SPEED DIAL THROUGH THE CONTACT LIST:

1. To access the "Find by name" or "Find by number" menu.
2. To scroll through the contact entry with the Navigation Key, then press [OPTIONS] to select "Add speed dial #",
3. To scroll through with the Navigation Key, select "Speed dial id", then press [OK].
4. "Speed dial # number edited" will be displayed.

CONTACTS

MSG. GROUP

Allows the user to group up to 10 phone numbers. The user can add, change, and delete Msg. group.

ADD NEW MSG. GROUP

1 To add a new group, press [MENU] . A maximum of five groups is allowed.

2 Press [OPTIONS] to select "Add group".

3 Input a new group name.

4 Press [OK] to save it.

NOTE

To add a phone book entry to a Msg. group, select the Msg. group, then press [OK]. Choose a location, then press [ASSIGN]. Then scroll to the phone book entry, then press [OK].

CHANGE MSG. GROUP NAME

1 Press [MENU] .

2 Select an existing group name with the Navigation Key.

3 Press [OPTIONS] to select "Rename".

4 Input a new group name.

5 Press [OK] to save it.

CONTACTS

SEND TEXT

- 1 Press  [MENU]  .
- 2 Scroll to the group name. Select an existing group name with the Navigation Key.
- 3 Press  [OPTIONS] to select "Send text".
- 4 Press the Navigation Key down to select the Message field then input a Message .
- 5 To access other options, press  [OPTIONS].
 - Add emoticon
 - Insert Auto text
 - Save to Auto text
 - Callback
- 6 To send the text message, press  [SEND]. Please refer to page 97 for more details on "Send text msg".

CONTACTS

SEND PIC MSG

- 1 Press  [MENU]  .
- 2 Scroll to the group name. Select an existing group name with the Navigation Key.
- 3 Press  [OPTIONS] to select "Send pic msg".
- 4 Input a "Subject" and "Message".
- 5 To access other options, press  [OPTIONS].
 - Take pic
 - Record Voice
 - Insert voice memo
 - Insert Auto text
 - Save to Auto text
 - Insert pic
- 6 To send the text message, press  [SEND]. Please refer to page 98 for more details on "Send picture msg".

ERASE MSG. GROUP

- 1 Press  [MENU]  .
- 2 Select an existing group name with the Navigation Key.
- 3 Press  [ERASE] to delete it.
- 4 Press  [OK] to erase it.

CONTACTS

MY PHONE

To display your phone number and service provider:

- 1 Press [MENU] .
- 2 To return to the previous page, press [OK].

RECENT CALLS

In idle mode, you can access Recent Calls by pressing [MENU] .

ALL CALLS

Displays information about the 60 most recent incoming, outgoing or missed calls.

- 1 To see a list of the 60 most recent incoming, outgoing or missed calls, press [MENU] or . If the number is already stored in your Contacts, only the name appears. If the number is not stored, only the phone number appears.
- 2 To view call details, press .



Call details include date, time, and phone number.

- 3 Press [OPTIONS]. Select “ERASE” to erase it or press [SAVE] to save it.

- Erase: To erase the phone number.
- Send text: To send a text message to the phone number.
- Send picture: To send a picture to the phone number (Virgin Mobile phone numbers only).
- Prepend: Adds numbers to the beginning of the phone number.
- Erase all: To erase the recent calls list.



- After 60 incoming, outgoing or missed calls, the oldest call will automatically be erased from the history.
- **Shortcut:** In idle mode, press to access the All Calls list.

RECENT CALLS

MISSED CALLS

Displays information of the 20 most recent missed calls.
Place a call to a missed call by simply pressing .

- 1 To see a list of the 20 most recently missed calls, press  [MENU]   .
If the number is already stored in your Contacts, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view missed call details, press .

NOTE

Call details include date, time, and phone number.

- 3 Press  [OPTIONS]. Select "ERASE" to erase it or press  [SAVE] to save it.

- Erase: To erase the phone number.
- Send text: To send a text message to the phone number.
- Send picture: To send a picture to the phone number (Virgin Mobile phone numbers only).
- Prepend: Adds numbers to the beginning of the phone number.
- Erase all: To erase the missed calls list.

NOTE

After 20 missed calls, the oldest call will automatically be erased from the history.

RECENT CALLS

INCOMING CALLS

Displays information of the 20 most recent incoming calls.
Place a call to a incoming call by simply pressing .

- 1 To see a list of the 20 most recent incoming calls, press  [MENU]   .
If the number is already stored in your Contacts, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view incoming call details, press .

NOTE

Call details include date, time, and phone number.

- 3 Press  [OPTIONS]. Select "ERASE" to erase it or press  [SAVE] to save it.

- Erase: To erase the phone number.
- Send text: To send a text message to the phone number.
- Send picture: To send a picture to the phone number (Virgin Mobile phone numbers only).
- Prepend: Adds numbers to the beginning of the phone number.
- Erase all: To erase the incoming calls list.

NOTE

After 20 incoming calls, the oldest call will automatically be erased from the history.

RECENT CALLS

OUTGOING CALLS

Displays information of the 20 most recent outgoing calls. Place a call to a outgoing call by simply pressing .

- 1 To see a list of the 20 most recent outgoing calls, press [MENU] .
If the number is already stored in your Contacts, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view outgoing call details, press [OK] .

NOTE Call details include date, time, and phone number.

- 3 Press [OPTIONS]. Select "ERASE" to erase it or press [SAVE] to save it.

- Erase: To erase the phone number.
- Send text: To send a text message to the phone number.
- Send picture: To send a picture to the phone number (Virgin Mobile phone numbers only).
- Prepend: Adds numbers to the beginning of the phone number.
- Erase all: To erase the outgoing calls list.

NOTE After 20 outgoing calls, the oldest call will automatically be erased from the history.

VOICE TOOL

VOICE RECOGNITION MODE

Voice Recognition (VR) enables you to place calls simply by saying the name of one of your contacts.

- 1 Press and hold until your phone enters Voice Recognition mode.

NOTE If there are no recorded voice dials, "No entries recorded" will be displayed. (Refer to page 67 for how to set one up.)

- 2 "Please say the name after the prompt tone" will be displayed and you will hear "Name please".



- 3 If you say a name or tag that is already in the Contacts, the number and name will be displayed and you will hear "Calling (name)".

VOICE TOOL

VOICE MEMO

Voice Memo allows you to record a reminder message that can be up to 60 seconds. To record a memo:

- 1 To start Tools menu, press [MENU] .
- 2 To enter a voice memo, press .
- 3
 1. To record a voice memo, press . Instructions will be displayed and you will hear "Please record at the tone."
 - 1.1. To stop recording a memo, press or [STOP] or [PAUSE/RESUME].
 - 1.2. Press [OPTIONS] after recording a voice memo to "Re-record" or "Review".
 - 1.3. Press [SAVE] to input a "Voice Memo" title, then press [OK]. If you do not name the voice memo it will be called "Untitled". (See page 31 for more information on entering letters, numbers and symbols.)
 2. To play voice memo, press . Select the message you want to play, press [PLAY]. Press [OPTIONS] for "Send pic msg" or "Edit title". To erase the memo, press [ERASE].
 3. To play in speaker mode, press . Select the message you want to play, press [PLAY]. Press [OPTIONS] for "Send pic msg" or "Edit title". To erase the memo, press [ERASE].
 4. To erase all voice memos, press . "Erase all voice memos?" will be displayed. Press [OK] or [CANCEL].

VOICE TOOL

VOICE DIAL

Voice Dial allows you to record voice tags for entries saved in your Contacts list. When a voice tag has been recorded, you can call that contact simply by saying the tag in VR mode.

- 1 To start Tools menu, press [MENU] .
- 2 To enter voice dial, press .
- 3
 - 1.1. To record a voice tag, press . The Contacts list will be displayed alphabetically. Select a name then press [OK]. Instructions will be displayed and you will hear "Name Please".
 - 1.2. Say the name for the voice tag and repeat the name when prompted. You will hear "[Name] Added".
 2. To review a voice tag, press . Highlight the message you want to play then press [REVIEW] or press [ERASE].
 3. To review a voice tag speaker mode, press . Highlight the message you want to play then press [REVIEW] or press [ERASE].
 4. To erase all voice tags, press . "Erase all voice dial entries?" will be displayed. Press [OK] or [CANCEL].

VOICE TOOL

TRAIN WORDS

Train allows you to use Control words to make a call without using the keypad.

YES

Use to train or untrain the Voice Recognition with the control word, "Yes".

- 1 Press [MENU] .
- 2 "Please hold phone to ear and follow instructions" will be displayed and you will hear "Now training control words. Please say the word yes".
- 3 Say "Yes". You will hear "Again". Say "Yes" again. You will hear "Training was Successful".

NO

Use to train or untrain the Voice Recognition with the control word, "No".

- 1 Press [MENU] .
- 2 "Please hold phone to ear and follow instructions" will be displayed and you will hear "Now training control words. Please say the word no".
- 3 Say "No". You will hear "Again". Say "No" again. You will hear "Training was Successful".

VOICE TOOL

WAKE-UP

Use to train or untrain the Voice Recognition with the control word, "Wake-Up".

- 1 Press [MENU] .
- 2 "Please hold phone to ear and follow instructions" will be displayed and you will hear "Now training control words. Please say the word Wake-Up".
- 3 Say "Wake-Up". You will hear "Again". Say "Wake-Up" again. You will hear "Training was Successful".

UNDO TRAIN ALL

Undo Train All erases all "trained" words.

- 1 Press [MENU] .
- 2 "Undo all voice trainings?" will be displayed. Press [YES] or [NO].

VOICE SETTING

SET ACTIVE

Allows the user to activate or deactivate voice dial service.

- 1 Press [MENU] .
- 2 Select “Off”, “Active Flip” or “Send Key” by pressing the Navigation Key left or right.
- 3 To activate, press [OK].

HANDS-FREE MODE

While using a hands-free headset, activates or deactivates the voice recognition function.

- 1 Press [MENU] .
- 2 Scroll to Hands-Free mode. Select “On” or “Off” by pressing the Navigation Key left or right.
- 3 To activate, press [OK].

ALARM

You can set up to 3 alarms.

- 1 To display alarm entries, press [MENU] .
- 2 Select one of the entries using the Navigation Key. To set a new alarm, choose alarm 1, 2 or 3. To edit an existing alarm, select that alarm. Press . To erase an existing alarm, press [ERASE].
- 3 Press the Navigation Key down to select alarm options.

TIME

Use the keypad to set a time for the event
 to select “AM” or “PM”, then press .

SETTING

There are only three settings on the handset
(Daily/Off/Once)

- Once : Select the single date of the alarm.
- Daily : Select the alarm for the same time each day.
- Off

SNOOZE SETTING

Use the Navigation Key to select a Snooze Setting
(Off, 1 time after 5 min, 1 time after 10 min, 3 times by 5 min).

TOOLS

RINGTONE

To set a "Ringtone" press  [MENU], then select "Default" or "Change" using the Navigation Key. To save it, press .

- Default : To set default ringtone type.
- Change : To select a custom ringtone from the list.

NOTES

Using the keypad, input an alarm message then press .

- 4 To save an alarm setting press  [SAVE].

TOOLS

SCHEDULE

Sets schedule and reminds you of that event.

ADD EVENT

- 1 Press  [MENU]  8 MAY  3 PM .
- 2 Move the Navigation Key left, right, up or down to choose a date in the calendar then press .
- 3 To select the following alarm options, press the Navigation Key down:

DATE

Use the keypad to change or enter the date then press  [OK].

TIME

Use the keypad to set a time  to select "AM" or "PM", then press .

NOTES

Use the keypad to input event message then press .

SETTING

Using the Navigation Key select an alert time interval option (On Time, 10 Min Before, 30 Min Before, 1 Hour Before, No Alarm).

RINGTONE SETTING

To set a ringtone, press  [OPTIONS], then select "Default" or "Change" using the Navigation Key. To save it press .

- Default : To set default ringtone type.
- Change : To set custom ringtone type.
To select Hey Baby, Metal, Scratchin, Synth & Jingle are the default ringtones with Navigation Key.
Press  to play or pause sound.

- 4 Press  [SAVE] to save it.
To return to the calendar.
- 5 The date of the event will be marked on your calendar.

[VIEW EVENT](#)

- 1 To view the Event List, press  [MENU]  8  3  2.
- 2 Move the Navigation Key to choose an event then press  [OK] or  [ERASE]. Press  [OPTIONS], then select "Add Event" or "Erase All" using the Navigation Key. If you select "Add Event" using the Navigation Key. To add a new event. If you select "Erase All" using the Navigation Key. "Erase all events?" will appear, then select "Yes" or "No". Press  [OK] to delete.

CALCULATOR

To access the calculator:

- 1 Press  [MENU]  .
- 2 Follow the instructions below to calculate $(8*6)/4-2.5=9.5$

Input 8.
Move the Navigation Key right.
Input 6 then press the Navigation Key.
Move it left.
Input 4 then press the Navigation Key.
Move it down.
Input 2 then press the  to input (.).
Press 5.
Press  to see the answer.



- 3** To reset, press  [RESET].

STOPWATCH

Simultaneously times up to six different events. To operate the stopwatch:

- 1 Press [MENU] .
- 2 To measure a time period.
 1. To start the stop watch, press [START].
 2. To pause it, press [STOP].
 3. To resume it, press . To reset it, press [RESET]. To return to the previous page, press .
- 3 To time up to six events at once:
 1. To start, press [START].
 2. To stop a time period and continue measuring another one, press [CONT].
 3. To stop the second and continue measuring a third one, press [CONT].
 4. To measure up to six time periods, repeat the above steps.
 5. To stop the stop watch, press [STOP].
 6. To review the results, press [VIEW].
 7. To return to the stop watch, press [OK].
 8. To reset it, press [RESET].

WORLD CLOCK

To display the time and date in pre-programmed cities:

- 1 Press [MENU] .
- 2 Select a city.
- 3 The world map appears with the city, its date and time.
 - Use the Navigation Key to select another city.
- 4 To return to the previous page, press [OK].

NOTE Since Daylight Savings Time (DST) is not applied, the actual time during DST may be different.

SETTINGS

Customize and personalize your phone through a variety of settings.

SOUNDS

Sets Ringtones, Msg tones, Voicemail, Volume, Tone Length, Silencer mode.

RINGTONES

To select a ringtone type for incoming calls:

1 Press [MENU] .

2 Select your desired ringtone type.

- Hey Baby / Metal / Scratchin / Synth / Jingle
- Press to play or pause sound.

3 Select one of the available ring types.
To confirm, press [OK].



Downloading additional ringtones.

You can download the latest ringtones from Virgin Mobile through the VirginXL menu on your phone or by going to www.virginmobileusa.com. Charges may apply. For more information on navigating VirginXL, see page 110.

MSG TONES

To select a ringtone type for receiving messages:

1 Press [MENU] .

2 Select your desired ringtone type.

- Tone 1 ~ Tone 10
- Press to play or pause sound.

3 Select one of the available ringtone types.
To confirm, press [OK].

SETTINGS

VOICEMAIL

To select a ringtone type for receiving voicemail:

1 Press [MENU] .

2 Select your desired ringtone type.

- Tone 1 ~ Tone 10
- Press to play or pause sound.

3 Select one of the available ringtone types.
To confirm, press [OK].

VOLUME

Controls the Ringtones, Key tone, Voice call, Speakerphone. Volume setting can be changed by using one of the following (Navigation Key, Side buttons, "Min", "Max" Selection).

RINGTONES

Controls the Ringtones volume and alerts you to incoming calls in the following modes.

1 Press [MENU] .

2 Select one of the following options by pressing the Navigation Key to the right then press [OK].

- Ringtone off : Mute the ringtone only, press [Min].
- Vibrate On : Vibrate instead of the ringtone and sms alert.
- Ringtone Volume : Up & Down (Level 1-5)
- High & Vib : Play the sounds and vibrate as the ringtone at the same time, press [Max].

SETTINGS

KEY TONE

To adjust key pad tone:

- 1 Press [MENU] .
- 2 Adjust the key pad tone with the Navigation Key then press [OK].
 - Off (Min-)
 - Level 1 - 5 (level 5, Max-)

VOICE CALL

To adjust earpiece volume:

- 1 Press [MENU] .
- 2 Adjust the earpiece volume with the Navigation Key then press [OK].
 - Level 1-5 (Min- , Max-)

SPEAKERPHONE

To adjust speakerphone volume:

- 1 Press [MENU] .
- 2 Adjust the speakerphone volume using the Navigation Key then press [OK].
 - Level 1-5 (Min- , Max-)

SETTINGS

tone LENGTH

To adjust tone length:

- 1 Press [MENU] .
- 2 Select “Normal” or “Long” with the Navigation Key then press [OK] to save it.

SILENCER MODE

To adjust silencer mode:

- 1 Press [MENU] .
- 2 Select “Off” or “On” with the Navigation Key then press [OK] to save it.

SETTINGS

DISPLAY

Allows you to customize display.

MENU STYLE

To select a display menu style:

- 1 Press [MENU] .
- 2 Select "Fold", "Grid" or "List" with the Navigation Key then press [OK] to save it.

GRAPHICS

To select an LCD display:

SCREENSAVER

- 1 Press [MENU] .
- 2 Select "Time Setting" or "Screensaver" with the navigation key.

- Time Setting: Off, 5 Secs, 10 Secs, 20 Secs, 30 Secs.
- Screensaver: Select an image. (Default image - Robots)

- 3 To save it, press [OK].

WALLPAPER

- 1 Press [MENU] .
- 2 Select Default to choose a pre-installed display, or Downloads or Saved to Phone to choose a display you have downloaded to your phone.
- 3 To save it, press [OK].

SETTINGS

INCOMING CALL

- 1 Press [MENU] .
- 2 Select Default to choose a pre-installed display, or Downloads or Saved to Phone to choose a display you have downloaded to your phone.
- 3 To save it, press [OK].

SUB SCREEN

To change the sub screen display clock image setting only:

- 1 Press [MENU] .
- 2 Select "Digital" or "Analog" with the Navigation Key then press [OK].

GREETING BANNER

To input a personal greeting:

- 1 Press [MENU] .
- 2 Select "Setting", "Font", "Bg" or "Enter message" with the Navigation Key then press [SAVE].

- Setting : On/Off.
- Font : White, Blue, Dark blue, Magenta, Gray, Black.
- Bg : Transparent, White, Blue, Yellow, Gray, Black.
- Enter message : Enter message (Maximum 16-string).

SETTINGS

CONTRAST

To adjust the display contrast:

MAIN LCD/SUB LCD

- 1 Press [MENU] .
- 2 Select "Main LCD" or "Sub LCD" then select one of the following options with the Navigation Key then press [OK].

- Main LCD : Level 1~5.
- Sub LCD : Level 1~5.

BACKLIGHT

Backlights the display and keypad for easy viewing in dark places.

LCD/KEYPAD/DIMMING

- 1 Press [MENU] .
- 2 Select "LCD", "Keypad" or "Dimming" select the duration with the Navigation Key, then press [OK].

- LCD : 5 Secs/15 Secs/30 Secs/60 Secs/Always On.
- Key Pad : 5 Secs/15 Secs/30 Secs/60 Secs/Always On/Always Off.
- Dimming : On/Off

SETTINGS

CALL OPTIONS

CALL ANSWER

To select an answer mode:

- 1 Press [MENU] .
- 2 Select "Any Key" or "Send Key" with the Navigation Key then press [OK].

- Any Key : Press any key to answer an incoming call except , , , and .
- Send Key : Press only to answer a call.

ACTIVE FLIP

Selects an Active Flip Answer mode as follows:

- 1 Press [MENU] .
- 2 Select "On" or "Off" with the Navigation Key then press [OK].

- When Active Flip On is selected, an incoming phone call can be answered simply by opening the phone.
- When Active Flip Off is selected, you will need to open the phone and follow the Answer Mode you have selected.

SETTINGS

AUTO ANSWER

To answer calls when your Snapper is connected to an optional hands-free car kit or headset:

1 Press [MENU] .

2 Select one of the following options then press [OK].

Off / 5 Secs / 10 Secs / 18 Secs

NOTE

This function will not be active when you select "Ringtone off". Except "Ringtone off", Auto Answer shall be active in any other case. More specifically,

- If headset is connected, Auto Answer will be active.
- If headset is not connected and flip is closed, Auto Answer will not be active.
- If headset is not connected and flip is open, Auto Answer will be active except "Ringtone Off" mode.

AUTO RETRY

Automatically redial a call up to 5 times after a set time interval.

1 Press [MENU] .

2 Select a retry time option (Off, 3 Secs, 5 Secs, 7 Secs, 10 Secs). The Repeat Category will appear when a time frame is chosen.

3 Under Repeat, select a time interval option (1 Time, 3 Times, 5 Times).

NOTE

When Redial Time is set to "Off", the "Repeat" field disappears.

4 To save, press [OK].

SETTINGS

LOCATION

Your cellular telephone is equipped with a Location feature for use in connection with location-based services that may be available in the future. The Location feature allows the network to detect your position. Turning Location off will hide your location from everyone except 911.

1 Press [MENU] .

2 Select either "911 only" or "Location on" with the Navigation Key then press [OK].

TTY

A TTY (also known as a TDD or Text Telephone), is a telecommunications device that allows people who are deaf or hard of hearing, or who have speech or language disabilities, to communicate via telephone.

Your Snapper is compatible with select TTY devices. Please check with the manufacturer of your TTY device to ensure that it supports digital wireless transmission. Your Snapper and TTY device will connect via special cable that plugs into your phone's headset jack. If this cable was not provided with your TTY device, contact your TTY device manufacturer to purchase the connector cable.

1 Press [MENU] .

2 Select either "Enable TTY" or "Disable TTY" with the Navigation Key then press [OK].

SETTINGS

GAME SETTINGS

BACKLIGHT

While playing a game, select how long the display screen and keypad are backlit after pressing any key.

1 Press [MENU] .

2 Select one of the following options, then press [OK].

- 5 Secs / 15 Secs / 30 Secs / 60 Secs / Always On

VOLUME

Controls game volume while playing.

1 Press [MENU] .

2 Select one of the following options, then press [OK].

- Silent (Min-)
- Level 1 - 5 (level 5, Max-)

MSG ALERT

Displays the received SMS/Voicemail alert while playing a game.

1 Press [MENU] .

2 Select “On” or “Off” by pressing the Navigation Key then press [OK].

SETTINGS

SECURITY

Prevents unauthorized use of your Snapper. The following settings can be restricted:

LOCK PHONE

Prevents the phone from being used without entering the password first.

1 Press [MENU] then enter “Password”.



The default password is the last 4 digits of your phone number.

2 Press then select “Lock now”, “Lock on power up” or “Unlock” then press [OK].

- Lock Now : Lock the phone now.
- Lock On Power Up : Do not lock the phone now, but it is automatically locked when phone is powered on.
- Unlock : Do not lock the phone.

LIMIT USE

OUTGOING

Restricts all outgoing calls – except emergency calls – but allows an incoming call to be placed.

1 Press [MENU] then enter “Password”.

2 Press select “Allow” or “Restrict” with the Navigation Key, then press [OK].

- Allow : Allows a dialed call.
- Restrict : Restricts a dialed call.

SETTINGS

RECENT CALLS

Restricts access to Recent Calls.

- 1 Press [MENU] then enter "Password".
- 2 Press select "Allow" or "Restrict" with the Navigation Key, then press [OK].

- Allow: Allow access to Recent Calls menu.
- Restrict: Restrict access to Recent Calls menu.

CONTACTS

Blocks access to and protects data in your contacts.

- 1 Press [MENU] , then enter your password.
- 2 Press , then select "Allow" or "Restrict" with the Navigation Key. then press [OK].

- Allow: Allows access to the contacts list.
- Restrict: Restricts access to the contacts list.

PICTURES

Restricts access to pictures.

- 1 Press [MENU] then enter "Password".
- 2 Press select "Allow" or "Restrict" with the Navigation Key, then press [OK].

- Allow : Allows access to the pictures menu.
- Restrict : Restricts access to the pictures menu.

SETTINGS

BROWSER

Restricts access to browser.

- 1 Press [MENU] then enter "Password".
- 2 Press select "Allow" or "Restrict" with the Navigation Key, then press [OK].

- Allow : Allows access to the Browser.
- Restrict : Restricts access to the Browser.

CHANGE LOCK CODE

Changes your 4-digit password.

- 1 Press [MENU] then enter "Password".
- 2 Press .
- 3 Enter a new password then press [OK].
- 4 Enter the new password again then press [OK].

SPECIAL #'S

Stores 3 phone numbers that can be called even in the lock mode.

- 1 Press [MENU] then enter "Password".
- 2 Press , select a location with the Navigation Key, then press [OK].
- 3 Input a phone number, press [OK] again to save.



You can delete a special number by selecting it, pressing [ERASE], then press [OK].

ERASE CONTACTS

To erase all the names and phone numbers in your Contacts list:

- 1 Press [MENU] then enter "Password".
- 2 Press .
- 3 "Erase all contacts?" will be displayed. Press [OK] to erase all entries in your Contacts list or [CANCEL].

ERASE DOWNLOADS

To erase all downloaded items:

- 1 Press [MENU] then enter "Password".
- 2 Press .
- 3 "Erase all downloads?" will be displayed. Press [OK] to erase all downloaded items or [CANCEL].

ERASE PICTURES

To erase all photo album entries:

- 1 Press [MENU] then enter "Password".
- 2 Press .
- 3 "Erase all pictures?" will be displayed. Press [OK] to erase all photo album entries or [CANCEL].

SETTINGS

RESET PHONE

Resetting the phone restores all the factory defaults, including the ringtone types and display settings. The internal Contacts, Call History, Scheduler, and Messaging are not affected.

- 1 Press [MENU] 9 5 then enter "Password".
- 2 Press 8 .
- 3 Select "Yes" or "No" by pressing the Navigation Key, then press [OK].

NOTE

When you select "Yes" you will see "Reset Phone this will reset to default settings" on the display and your Snapper will reset all settings to the factory defaults.

SETTINGS

PHONE INFO.

Displays the (MDN/Software/Hardware/PRL/Browser/ESN) version.

MDN

- 1 Press [MENU] 9 6 1 .
- 2 The "MDN" appears.
- 3 To return to the previous page, press [OK].

S/W VERSION

- 1 Press [MENU] 9 6 2 .
- 2 The "S/W version" appears.
- 3 To return to the previous page, press [OK].

H/W VERSION

- 1 Press [MENU] 9 6 3 .
- 2 The "H/W version" appears.
- 3 To return to the previous page, press [OK].

SETTINGS

PRL VERSION

- 1 Press [MENU] .
- 2 The “PRL version” appears.
- 3 To return to the previous page, press [OK].

BROWSER

- 1 Press [MENU] .
- 2 The “Browser” appears.
- 3 To return to the previous page, press [OK].

ESN

- 1 Press [MENU] .
- 2 The “ESN” appears.
- 3 To return to the previous page, press [OK].

Chapter 5

VOICEMAIL, TEXT MESSAGE AND PICTURE MESSAGE

This chapter addresses Voicemail and Text Messaging or Picture message functions including:

- WHEN A NEW MESSAGE ARRIVES
- VOICEMAIL
- SEND TEXT MSG
- SEND PICTURE MSG
- INBOX
- VIRGIN ALERTS
- OUTBOX
- SAVED
- ERASE MSGS
- MSG SETTINGS

WHEN A NEW MESSAGE ARRIVES

- 1 The following display appears when a new message arrives.
- 2 To display the message, press [READ].

VOICEMAIL

- 1 To access the voicemail menu option, press [MENU] or you would press and hold .

SEND TEXT MSG

To send a new text message:

- 1 Press [MENU] or ➔ .
- 2 Under "Send To", input the phone number then press [OK].
 - By pressing [OPTIONS], you can choose from the following:
Contacts : Search for a phone number stored in the Contacts.
Text mode : Select T9Word/Abc/123/Symbols.
Msg group : Select "Msg group".
Save Contact : Stores the phone number the message was sent to.
 - By pressing [RECENT], you can choose from recently dialed numbers.
- 3 Under "Message", input a new text message.
 (Please refer to page 31 for more details on entering letters, numbers and symbols.)
 - By pressing [OPTIONS], you can choose from the following:
Add emoticon: Inserts emoticon.
Insert Auto text: Inserts canned text into a text Msg.
Save to Auto Text: Saves the written sentences into Auto text.
Callback: Edits the callback number.
- 4 To send the text message, press [SEND].

SEND PICTURE MSG

To send a new picture message:

- 1 Press [MENU] .
- 2 Looking for a saved photo, scroll through the captured pictures to select the picture you want to send, then press [OK].
Press [OPTIONS] to select "Picture received" or "My pix" by pressing the Navigation Key then press [OK].

- 3 Under "Send To", input the phone number then press [OK].

- By pressing [OPTIONS], you can choose from the following:
Contacts : Search for a phone number stored in the Contacts.
My pix
Text mode : Select T9Word/Abc/123/Symbols.
Msg group : Select "Msg group".
Save Contact : Stores the phone number the message was sent to.
- By pressing [RECENT], you can choose from recently dialed numbers.

- 4 Under "Subject", input a message subject then press [OK].

- 5 Under "Message", input a new text message then press [OK].
(Please refer to page 31 for more details on entering letters, numbers and symbols.)

- By pressing [OPTIONS], you can choose from the following:
Record Voice: Records a voice memo.
Insert voice memo: Inserts a recorded voice memo.
Insert Auto text: Inserts canned text into a text msg.
Save to Auto text: Saves the written sentences into Auto text.
Erase pic: Erases an inserted picture.

- 6 To send the picture message, press [SEND].

INBOX (TEXT MSG)

The Inbox manages received text messages. To access:

- 1 Press [MENU] .

- : New Msg (not read)
- : Old Msg (already read)
- : Read Message.
- : Unread Message.
- GoTo : Connecting Selected Site.
- Erase : Erase Selected Message.

- 2 Select a message then press [OK].
The message is displayed.

- 3 Press [OPTIONS]. To reply to the text message, press [REPLY].

CALL

- 1 To call a phone number in the text message or call back number, select "Call".

ERASE

- 1 To erase this message, select "Erase".
- 2 "Erase this message?" will be displayed. Press [OK] to erase the message or [CANCEL].

INBOX (TEXT MSG)

FORWARD

- 1 To forward the text message, select "Forward".
- 2 Input the phone number of the person you are sending the message, then press  [OK].
- 3 Input any text message to go along with the forwarded message.
- 4 To send the text message, press  [SEND].

SAVE CONTACT

- 1 To save number to contact, select "Save Contact".

SAVE MSG

- 1 To save text msg message, select "Save msg".

INBOX (MMS MSG)

The Inbox manages received MMS messages.
To access:

CALL

- 1 To call a phone number in the text message or call back number, select "Call".

ERASE

- 1 To erase this message, select "Erase".
- 2 "Erase this message?" will be displayed. Press  [OK] to erase the message or  [CANCEL].

FORWARD

- 1 To forward the MMS message, select "Forward".
- 2 Input the phone number of the person you are sending the message, then press  [OK].
- 3 Input a message subject then press  [OK].
- 4 Input any MMS message to go along with the forwarded message, then press  [OK].
- 5 To send the MMS message, press  [SEND].

SAVE CONTACT

- 1 To save number to contact, select "Save Contact".

INBOX (MMS MSG)

SAVE MSG

- 1 To save received MMS message, select "Save msg".

SAVE ATTACHED

- 1 To save attached sound or picture file, select "Save attached".

INFO

- 1 To show received MMS message information.

VIRGIN ALERTS

VIRGIN ALERTS

- 1 Press  [MENU]   .
- 2 Select a message, then press  [OK].
- 3 The Virgin Alert or Download Alert will be displayed.

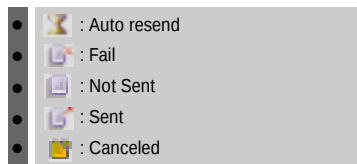


The Virgin Alerts folder contains both Virgin Alerts as well as Download Alerts.

OUTBOX

Manages sent text messages or messages waiting to be sent.

- 1 Press [MENU] .



- 2 Select a message, then press [OK].
The text message is displayed.
- 3 Press [OPTIONS]. To resend the text message, press [RESEND].

CALL

- 1 To call a send phone number, select "Call".

ERASE

- 1 To erase this message, select "Erase".
- 2 "Erase this message?" will be displayed.
Press [OK] to erase it or [CANCEL].

OUTBOX

FORWARD

- 1 To forward the text message, select "Forward".
- 2 Input the phone number of the person you are sending the message, then press [OK].
- 3 Input any text message to go along with the forwarded message.
- 4 To send the text message, press [SEND].

SAVE CONTACT

- 1 To save number to contact, select "Save Contact".

SAVE MSG

- 1 To save text msg message, select "Save msg".

SAVED

SAVED

Manages saved messages from the Inbox/Outbox.

- 1 Press [MENU] .
- 2 Select a text message then press [OK].
The text message is displayed.
- 3 Press [OPTIONS].
- 4 If the text message is saved from the "Inbox" menu, this screen will be displayed.

- To select inbox menu : Reply, Reply with Copy, Forward, Erase, Save to Contact, Save to Quick Text, Lock & Unlock

If the text message is saved from the "Outbox" menu, this screen will be displayed.

- To select outbox menu : Resend, Send to, Erase, Save to Contact, Lock & Unlock, State

- 5 Select one then press [OK].

ERASE MSGS

ERASE MSGS

- 1 Press [MENU] .
- 2 1. To erase all the Inbox messages, press .

- Read msgs only : To erase messages already read.
 - Entire inbox : To erase all messages.

2. To erase all the Outbox messages, press .
3. To erase all the Saved messages, press .
- 3 Press [OK] to erase the messages or [CANCEL].

MSG SETTINGS

Manages messaging features through various features.

MSG SOUNDS

1 Press [MENU] .

2 Select your desired ringtone type.

- Msg tone
- Vibrate
- Silent
- Ring & Remind
- Vibrate & Remind

3 Select one of the available ringtone types.
To confirm, press [OK].

AUTO TEXT

1 Press [MENU] .

2 Select a message from the list, press [OK].

- Hey / What's up? / Where are you? / You there? /
Can't talk now / On my way / Call me / Sorry was busy /
Later / C ya / Busted / Peace / Bite me / I'm freaking out /
You wish / Miss you / This sucks / Zzzzzz... / Kickass! /
Cool / XOXXOX

3 To return to the previous page, press [OK].

MSG SETTINGS

SAVE TO OUTBOX

1 Press [MENU] .

2 Select "Off", "On" or "Prompt" with the
Navigation Key then press [OK].

AUTO ERASE

Automatically erases inbox/outbox messages when new messages arrive.

INBOX

1 Press [MENU] .

2 Press .

Select "Disable" or "Enable" with Navigation Key
then press [OK].

OUTBOX

1 Press [MENU] .

2 Press .

Select "Disable" or "Enable" with Navigation Key
then press [OK].

MSG SETTINGS

TEXT ENTRY MODE

Sets an Entry Mode as a default. For example, if T9 Mode is the default, its icon will appear.

- 1 Press [MENU] .
- 2 Select "Alpha Mode" or "T9 Mode" with the Navigation Key then press [OK].

SIGNATURE

Create a signature that can be automatically inserted at the end of a message.

- 1 Press [MENU] .
- 2 To input "Signature", put the cursor on Edit Signature, then enter Signature Edit window by using right or left direction keys.
- 3 To activate Signature function, put the cursor on Insert Signature, then select "On" by using right or left direction keys. To deactivate Signature function, select "Off".
- 4 Press [SAVE].

REPLY WITH COPY

- 1 Press [MENU] .
- 2 Select "Off" or "On" with the Navigation Key then press [OK].

Chapter 6

VIRGINXL

With VirginXL, you can access a variety of downloadable content from Virgin Mobile - ringtones, games, graphics, and more.

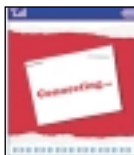
Visit www.virginmobileusa.com to learn more about VirginXL, including pricing and availability info.

■ VIRGINXL

ACCESSING & NAVIGATING VIRGINXL

VirginXL is a fun collection of features which you can access directly from your phone - download ringtones, games, graphics, and more. Charges apply. Visit www.virginmobileusa.com for details.

- 1 To access VirginXL, press . Or, press  [MENU] .
- 2 Scroll down the page using the Navigation Key.
- 3 To select one of the options at the bottom of the display, press  or .
- 4 To return to the previous menu, press .
- 5 To exit VirginXL, press .



- When you select VirginXL, a session is initiated.
- You cannot receive incoming calls when a VirginXL session is in progress. All incoming calls will be automatically forwarded to voice mail.

Chapter 7

SAFETY AND WARRANTY

This chapter addresses the safety guidelines and precautions to follow when operating your cellular telephone. Before operating your cellular telephone, please be aware of all the safety details.

This chapter contains the terms and conditions of services and the warranty for your cellular telephone. Please review them thoroughly.

- SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES
- SAFETY INFORMATION FOR FCC RF EXPOSURE
- SAR INFORMATION
- FDA CONSUMER UPDATE
- PROTECT YOUR WARRANTY
- 12 MONTH LIMITED WARRANTY

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

*Read This Information Before Using Your Handheld
Portable Cellular Telephone*

EXPOSURE TO RADIO FREQUENCY SIGNALS

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *
NCRP Report 86 (1986) *
ICNIRP (1996) *

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C951).

The design of your cellular telephone complies with the FCC guidelines (and those standards).

ANTENNA CARE

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

DRIVING SAFETY

Talking on the phone while driving is extremely dangerous and is illegal in some areas. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

Also, if using your cellular telephone while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call, if driving conditions so require.

If you must use the phone while driving, please use one-touch, speed dialing, and auto answer modes.

An airbag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the airbag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.



WARNING: Failure to follow these instructions may lead to serious personal injury and possible property damage.

1* : American National Standards Institute.

2* : National Council on Radiation protection and measurements.

3* : International Commission on Nonionizing Radiation Protection.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

ELECTRONIC DEVICES

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

PACEMAKERS

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Persons with pacemakers :

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

OTHER MEDICAL DEVICES

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

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

POSTED FACILITIES

Turn your cellular telephone OFF where posted notices so require.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

OTHER SAFETY GUIDELINES

AIRCRAFT

FCC and Transport Canada Regulations prohibit using your cellular telephone while in the air. Turn your cellular telephone OFF before boarding an aircraft.

BLASTING AREAS

To avoid interfering with blasting operations, turn your cellular telephone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn your cellular telephone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle's engine.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on (1) AC Adaptor (2) Battery and (3) Product Using Battery.



DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.



DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using, lay down the unit to avoid possible damage due to instability.



DO NOT expose this equipment to rain or spilled beverages.



DO NOT use unauthorized accessories.



DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized Audiovox cellular service center. If unit is disassembled, the risk of electric shock or fire may result.



DO NOT short-circuit the battery terminals with metal items etc.



WARNING!

- This product contains a chemical known to the State of California to cause cancer.
- This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

SAFETY INFORMATION FOR FCC RF EXPOSURE



WARNING! Read this Information before using

CAUTIONS

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

BODY-WORN OPERATION

This device was tested for typical body-worn operations with the back of the phone kept 2.0 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 2.0 cm. separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

VEHICLE MOUNTED EXTERNAL ANTENNA (OPTIONAL, IF AVAILABLE)

A minimum separation distance of 7.9 inches (20cm) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.



For more information about RF exposure, please visit the FCC website at www.fcc.gov.

SAR INFORMATION

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted 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 power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.15 W/Kg and when worn on the body, as described in this user guide, is 0.393W/Kg. (Body-worn measurements differ among phone models, depending upon available accessories 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 for safe exposure.

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 <http://www.fcc.gov/oet/fccid> after searching on PP4TX-110C.

SAR INFORMATION

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) website at <http://www.wow-com.com>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.



1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radiofrequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

2. What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radiofrequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists. Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function;

and

- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some inter-agency working group activities, as well. FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones. FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

3. What kinds of phones are the subject of this update?

The term "wireless phone" refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones.

These types of wireless phones can expose the user to measurable radiofrequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

6. What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF). FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world.

The Project has also helped develop a series of public information documents on EMF issues. FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much radiofrequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineers (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (<http://www.fcc.gov/oet/rfsafety>) gives directions for locating the FCC identification number on your cellular telephone so you can find your phone's RF exposure level in the online listing.

8. What has FDA done to measure the radiofrequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000. FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources:

- FDA web page on wireless phones (<http://www.fda.gov/cdrh/phones/index.html>)
- Federal Communications Commission (FCC) RF Safety Program (<http://www.fcc.gov/oet/rfsafety>)
- International Commission on Non-Ionizing Radiation Protection (<http://www.icnirp.de>)
- World Health Organization (WHO) International EMF Project (<http://www.who.int/emf>)
- National Radiological Protection Board (UK) (<http://www.nrpb.org.uk/>)

PROTECT YOUR WARRANTY

Read your Warranty carefully, with the special consideration to paragraph seven of the Limited Warranty for your unit.

"Warranty does not apply to... or to any product or part thereof which has suffered through alteration... mishandling misuse, neglect or accident".

Many companies are making look alike accessories and in some cases, promoting that their product is equal to or better than the Audiovox product. Be careful. Some of these products may not be compatible to use with your Audiovox product and may damage the unit or cause it to malfunction. If service is required on your unit and it is determined that a non-Audiovox accessory has created the problem with your unit, the Warranty will not apply. In addition, if the unit has already suffered irreversible damage by reason of a non-compatible accessory, the Warranty will be voided. To protect your Warranty, use only compatible accessories which cannot damage or interfere with the functioning of your Audiovox product.



UTSTARCOM/AUDIOVOX COMMUNICATIONS

555 Wireless Blvd., Hauppauge, New York 11788, 800-229-1235
16808 Marquardt Avenue, Cerritos, California 90703, 562-802-5100
UTStarcom Canada Company
5155 Spectrum Way, Unit #5, Mississauga, Ontario
Canada L4W 5A1, 800-465-9672

12 MONTH LIMITED WARRANTY

UTStarcom/Audiovox Communications (the Company) warrants to the original retail purchaser of this Audiovox handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) months period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, key pad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

- (a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;
- (b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.
- (c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;
- (d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;
- (e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;
- (f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing.

12 MONTH LIMITED WARRANTY

In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 905-712-9299).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR AN SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

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