

verizon wireless

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LTGL0M324

CDM180



CDM180

User Manual

## WELCOME

Thank you for choosing the CDM180 camera phone. This new mobile handset features dual LCD screen displays with a unique landscape-oriented main screen. There is a 262K color 1.8" TFT display on the inside, and a smaller 65K 1.0" sub-display on the outside. The landscape view on the main screen will provide users with a customary format in which to view text messaging and menu options, but also allows for a better gaming and browsing experience. The outer display allows users to quickly view incoming calls, message alerts and date/time functions. Utilizing the CDMA2000 1x networks with a QUALCOMM® MSM6050 chipset that is GPSOne™ capable, this phone allows for high-speed communication services such as wireless Internet access, messaging and image transmissions. The phone's built-in CCD 330K pixel camera also includes auto flash. Equipped with today's latest features, this phone is Mobile Web 2.0 enabled and features Get It Now<sup>SM</sup>, which allows users to download ringtones, wallpapers, screensavers, games and more to their phone. In addition, it has CMX 32 polyphonic ringers and supports two-way short, enhanced and multimedia messaging services. This phone also contains user-friendly features such as a built-in speakerphone and voice activated dialing for hands-free operation, T9 predictive text input for easy text entries, is TTY compatible and supports English and Spanish languages.

### IMPORTANT INFORMATION

This CDM180 user guide contains very important information about how to handle and use the product. 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 CDM180 including:

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

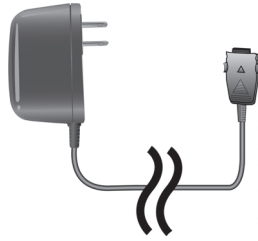
\*Licensed by QUALCOMM Incorporated under one or more of the following Patents : U.S.Patent No. 4,901,307 U.S.Patent No. 5,056,109 U.S.Patent No. 5,099,204 U.S. Patent No. 5,101,501 U.S. Patent No. 5,103,459 U.S. Patent No. 5,107,225 U.S.Patent No. 5,109,390.\*

## 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



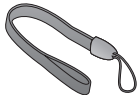
AC Travel Charger



User Manual



Standard Battery



Handstrap

## HANDSET DESCRIPTION

The CDM180 weighs 3.5oz. The dimensions are 2.99" x 2.14" x .95".



Send Key

## HANDSET DESCRIPTION



**System Status Bar Indicator Display Area**  
See page 9 for a list of icons.

**Text & Graphic area**

**Soft Key Display Area**  
Shows the functions currently assigned to each soft key and displays some icons.



**In Idle Mode**  
- Press Up to access the Web Browser, Down to access the Short Cut Key, Right for Get It Now and Left for Get Pix & Flix.  
**Inside the menu**  
- Within a menu, use to scroll through menu options, or to select a function displayed on the screen.

- Press to make or receive a call.
- Press to turn the phone on/off, to terminate a call or to return to the initial page.
- (Left Soft Key) Press to access the message menu or function displayed on bottom line.
- (Right Soft Key) Press to access contacts menu or function displayed on bottom line.
- Press to clear a digit from the display or to return to the previous page. Press and hold to enable speaker phone mode.
- A long press shall display a plus "+". A "+" is reserved for international dialing code. In entry mode, toggle between text mode.
- Press and hold to enter lock mode.

## HANDSET DESCRIPTION

### SYSTEM STATUS BAR INDICATOR DISPLAY AREA

- Signal Strength** - Current signal strength: the more lines, the stronger the signal (1X Mode/Digital Mode).
- Roaming**  
Phone is out of home area.
- Voice Privacy**  
Indicates "Voice Privacy" mode.
- Dormant**  
Indicates your phone is in a dormant state during a data call. Your phone goes to Dormant mode when you have not had any activity on a page for some time - your connection is still active and you can make and receive calls.
- No Service**  
Indicates the phone cannot receive a signal from the system.
- Voice**
- Data Active**
- TTY**  
Indicates your phone is active in TTY mode.
- GPS Icon**  
Indicates the Location Service of your phone is disabled/enabled.
- Locked**  
Indicates your phone is locked.
- Battery**  
Battery charging level – the more blocks, the stronger the charge.
- Alarm Only**  
Phone will alert you with an alarm tone when call is received.

## HANDSET DESCRIPTION



### Alarm

Appears when either a calendar or an alarm is set.



### Vibrate Only

Phone will vibrate when call is received.



### All Off

Indicates the ringer volume is set to off.



### Missed Calls



### Voicemail

indicates you have voicemail messages.



### New Messages

New TXT or voice message.



### Calendar Appointment

Indicates Event Alarm is active.



### Data Only

Receives an async. call as a voice call.



### Speakerphone

Phone is in speakerphone mode.



### Auto Answer

Phone is in answering machine mode.

## 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.



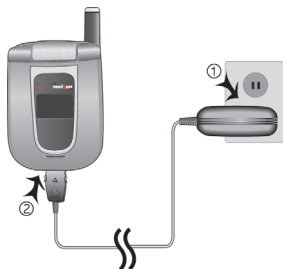
If the battery is not correctly placed in the compartment, the handset will not turn on and/or the battery may detach during use.

## 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

### PCS AND 1X BATTERY TIMES

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

Battery Capacity	DCS	PCS
STD 1000 mAh	Up to 207 minutes	Up to 160 minutes
EXT 1700 mAh	Up to 282 minutes	Up to 270 minutes

### BATTERY LIFE (FOR NEW BATTERY)

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

Battery Capacity	DCS	PCS
STD 1000 mAh	Up to 190 Hours	Up to 172 Hours
EXT 1700 mAh	Up to 326 Hours	Up to 293 Hours

#### NOTE

- These times are for a new battery. Usage and Standby time may decrease over time.
- Talk time for the standard battery: about 207 minutes. Standby time for the standard battery: about 190 hours.



### 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 temps. 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 phone 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 **[END]** until your “Power On” logo appears and the tone sounds.



- To select a logo, refer to page 61 for more details. (Settings>Display>Power on/off Animations) for more detail.
- 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

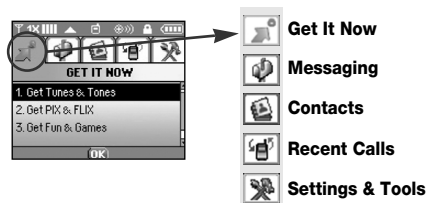
- 1 Press and hold **[END]** until your “Power Off” logo appears.



- Immediately change or recharge the battery when “LOW BATTERY!! PHONE IS TURNING 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 phone 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 **[OK]** [MENU].

- 2 Use the Navigation Key to scroll through the menu.

- To search through the menu in numerical order, press the Navigation Key.

- 3 To return to the previous page, press **[CURR]**. To exit the current menu and return to the idle mode, press **[END]**.

- 4 Press the Navigation Key to enter a function when its main page is displayed or press its assigned number to have direct access to the function.



#### Hotkey

In idle mode, move the Navigation Key as follows to access these functions:

- Upward movement : Web Browser
- Downward movement : Short Cut Key
- Rightward movement : Get It Now
- Leftward movement : Get Pix & Flix





## BASIC FUNCTIONS

### MAKING A CALL

1 Enter a phone number.

NOTE

**To modify the phone number you have entered :**


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

**To find the phone number with your contact list :**


- Enter a part of the phone number, then press  [Options], select "Search".

**Phone number display in contact list**

If name field of the contact list entry is empty, the highest priority phone number will be displayed. When name and phone number fields are empty, e-mail address will be displayed. Reference "Contact display order".



All matching entries will be displayed. To call the selected number, press .


**To send a txt or pix message with phone number :**

- Enter a part of the phone number, then press  [Options], select "Send TXT Msg or Send Pix Msg". Please refer to page 99 or page 100 for more details on "Send TXT Msg or Send Pix Msg".

2 Press  .  
The indicator,  , appears on the display.


NOTE

- 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 retry for the number of times you have selected. (refer to page 72).
- When you place or receive a call from stored phone numbers, both the name or 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 74 (Voice Service) for more details.
- If "Enter Lock Code" appears on the display enter your 4 digit password to unlock your phone.


3 To end a call, press .


## BASIC FUNCTIONS

### ANSWERING CALLS

1 When your phone rings or vibrates, press  to answer the incoming call.  
(Depending on your phone's settings, you may also answer incoming calls by flip open or by pressing any digit key.)


NOTE

To ignore incoming calls, press  [Ignore].

2 To end a call, press .

### SPEAKER PHONE

The speaker phone feature lets you hear audio through the speaker and talk without holding the phone.


1 To activate the speaker phone in idle, answering or calling modes, press and hold .

2 The phone returns to normal (Speaker Phone Off) after ending a call or when the phone is turned off and back on.



## BASIC FUNCTIONS

### WAIT/PAUSE FEATURE







Pauses are used for automated systems (i.e., voice mail, 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 wait/pause, enter a phone number then press  [OPTIONS]. Select either a Wait (“W” appears) or a Pause (“P” appears).


- **Wait** : Inserting a “Wait” means that the caller has to press the “Send” key to send the DTMF tone before the dialing continues.
- **Pause** : Inserting a “Pause” shall suspend the dialing for 2 seconds when it reaches the “Pause”.

**2** Press  to dial or  to save. Please refer to page 30 for more details about storing a phone number.

### ANSWERING A CALL

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

- After pressing  [MENU], select “Settings & Tools” followed by  . Select among “Flip Open”, “Any Key”, and “Send Only” answering a call options. If “Send Only” is selected, the phone can only be answered by pressing . See page 71 for more information.




**2** To end the call, press .

**NOTE** In Auto Answer Mode, a call is automatically answered after a preset number of ring tones. See page 71 for more details.

## BASIC FUNCTIONS

### 3-WAY CALLING

With 3-Way Calling, you can talk to two people at the same time. When using this feature, the normal airtime rates will be applied for each of the two calls.

- 1** Enter a number you wish to call then press .
- 2** Once you have established the connection, enter the second number you wish to call then press .
- 3** When you're connected to the second party, press  again to begin your 3-Way call.

**NOTE** If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you initiated the call and are the first to hang up, all three callers are disconnected.



### CALLER ID FUNCTION

Identifies caller by displaying their phone number. If the caller's name and number are already stored in your phone book, name or number will appear. The caller ID is stored in the call history.

## 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.

NOTE


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

### ADJUSTING VOLUME

Adjusts the volume of the ringer, key beep and speaker.

- 1 Press  [MENU], then select “Settings & Tools” menu, press  then select one of the following.

- **Master Volume** : Controls the ringer volume.
- **Keypad Volume** : Controls the keypad volume.
- **Earpiece Volume** : Controls the earpiece volume.





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

NOTE

- When you are on a voice call, the side up/down volume key shall raise/lower the earpiece or headset volume respectively.
- To adjust master volume, press the side up/down key when phone is in idle mode.

## BASIC FUNCTIONS

### ENTER LOCK MODE

- 1 To lock the phone, press and hold .
- 2 To unlock the phone, press  or  [UNLOCK], then input your password, then press  [OK].

## DURING A CALL

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

### MUTE (UNMUTE)

With mute activated, the caller cannot hear you or any sounds from your side but you can still hear them.

1 Press [Mute].

- To deactivate, press [UNMUTE].
- The phone will automatically un-mute in Emergency Call or Callback mode.

### SEND TXT MSG

Enables you to send a TXT message (SMS) during a call.

1 Press [OPTIONS] .

### SEND PIX MSG

Enables you to send a Pix message (MMS) during a call.

1 Press [OPTIONS] .

### CONTACTS

To select the phone number in your internal Contact List.

1 Press [OPTIONS] .

### RECENT CALLS

To select the phone number in your recent calls List.

1 Press [OPTIONS] .

## DURING A CALL

### SEND DTMF

Automatically transmits your phone number to a pager during a call. (Dependent on pager service)

1 Press [OPTIONS] .

### VOICE PRIVACY

Increases security during a call.

1 Press [OPTIONS] .

### LOCATION

Enables the network to locate your current location through Global Positioning System (GPS). (Refer to page 65 for more details.)


1 Press [OPTIONS] .

## MAKING AN EMERGENCY CALL


The 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 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 returns to the Lock Mode.
  - While the phone is in the emergency mode for 5 minutes, the phone can receive an incoming call from any available system. However, it can't make a call.



*The 911 call is not recorded in the recent call list.*

## Chapter 3

### MEMORY FUNCTION

This chapter addresses memory functions including:

- STORING A PHONE NUMBER
- ENTERING LETTERS, NUMBERS & SYMBOLS
- MAKING A CALL THROUGH THE PHONE BOOK



## STORING A PHONE NUMBER

The phone book stores up to 500 entries.

- 1 Enter phone number, press [SAVE] then choose “Create New” or “Update Existing”. Press [OK] to select.
- 2 If “Create New” is selected, the phone number will appear above a list. Press the Navigation Key up or down to choose the type of number you’re adding, as indicated by the icon. Press [OK] to select. If “Update Existing” is selected, your contact list is displayed. Choose the entry to add the phone number to, then press [OK]. You will then see the phone number listed with the entry. Press [OK] to select.

- 3 Enter a name.  
Please refer to page 31 for more details on entering letters, numbers & symbols.  
To change the input mode, press [Abc].  
Press the Navigation Key down to select other options (Mobile1.2, E-mail1.2, etc...).  
If entered phone number, press [OPTIONS] to select one of the following options:

- Set Speed Dial
- Set Voice Dial
- Set As Default
- Add Pause

- 4 To store the entry, press [SAVE].  
“CONTACT SAVED” will be displayed.

## ENTERING LETTERS, NUMBERS & SYMBOLS

The input mode (Alpha editor) will automatically be 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 (123), and Symbol mode (Symbols).

The input mode indicator appears on the upper right of the display when letters and numbers are entered. To select the desired input mode among the 5 modes below, press [MODE], then enter letters and numbers.



**Input mode indicator**  
 T9Word : T9 mode  
 Abc : Abc mode  
 ABC : ABC mode  
 123 : Number mode  
 Symbols : Symbol mode

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

KEY	FUNCTION
Abc	Press to change mode. [T9Word][Abc][ABC][123][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. Press and hold to change mode.
Clear	Press to delete a character to the left of the cursor.
Send	Send the letters and numbers you enter.

## 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 letters are entered.  
There is a 16-letter limit.

4 To delete one digit, press .  
If you press and hold , it will delete letters word by word, and numbers in whole.

5 To change from lowercase to uppercase, press .

**e.g.** 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 and 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 "Fun fare" in the T9 input mode.

- After you enter the 1<sup>st</sup> letter, press [Abc] to select T9 mode and to choose the lower case (T9Word).

- Press and you will see "Fun" highlighted.  
Press to select it.

- Press and you will see "ease" highlighted.  
Press to select the next matching word; press until you see "fare". To accept and add a space, press .

## ENTERING LETTERS, NUMBERS & SYMBOLS

### NUMERIC MODE

Allows you to enter numbers.

- 1 Press [Abc] and scroll to the input mode to change to “123 (Numeric mode)”.
- 2 To enter a number, press a digit key.

### SYMBOL MODE

Allows you to enter symbols.

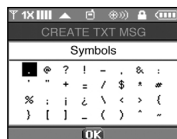
- 1 Press [Abc] and scroll to the input mode to change to “Symbols (Symbol mode)”.
- 2 Select symbol you want to enter with the Navigation Key.

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

Press [ ].

or

Press [ ].



## MAKING A CALL THROUGH THE PHONE BOOK

### ONE-TOUCH/TWO-TOUCH DIALING

Ideal for frequently dialed numbers, this feature allows phone book entries to be dialed via the keypad with only one or two key presses.

#### ONE-TOUCH DIALING:

1-9 : Press and hold the corresponding memory number for more than 1 second.

#### TWO-TOUCH DIALING:

10-22/97-99 : Press the first digit and second digits of the memory number short and long respectively.



- If no phone number is stored in the location entered, “UNASSIGNED LOCATION” will appear on the screen.

# Chapter 4

## MENU FUNCTION

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

- CONTACTS
- RECENT CALLS
- SETTINGS
- TOOLS

## CONTACTS

Stores up to 500 entries, each of which can be assigned to a group. Entries can be retrieved by name or group.

### NEW CONTACT

Adds a new entry.

- 1 Press [MENU], then select “Contacts” menu, then press “New Contact”.
- 2 To enter a name or number, use the Navigation Key to select the phone book field.

#### PHONE BOOK FIELDS :

Name/Mobile1/Home/Work/E-mail1/Group/Picture/Ringtone/Mobile2/Fax/E-mail2.

- Under “Mobile 1”, “Mobile 2”, “Home”, “Work” or “Fax” input the phone number, then press [OPTIONS], you can choose from the following:
  1. Set Speed Dial
  2. Set Voice Dial
  3. Set As Default
  4. Add Pause
- Under “Picture”, select image, then press [SET]. (Please refer to page 92 “Pix Gallery” for more details.)
- Under “Ringtone”, select tone, then press [SET]. (Please refer to page 50 “Call Sounds” for more details.)

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 .

#### NOTE

- For each new contact, at least 1 phone number or email address needs to be saved with the contact. “Please insert at least one phone number or email” will be displayed if neither have been added.
- Even though entry name is left empty while the phone number is provided, the entry will be saved and displayed with phone number.

## CONTACTS

### CONTACT LIST

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

- 1 Press [MENU], then select “Contacts” menu, then press “Contact List” or press [CONTACTS].
- 2 The list of names in your phone book 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 To edit the entry, press [EDIT]. To show detail the entry, press [VIEW]. Press [OPTIONS] to 1. New Contact, 2. Erase, 3. Send Txt Msg, 4. Send Pix Msg, 5. Call.
- 5 To call the selected number, press [OPTIONS] then select “Call” or press .

**GROUPS**

User can classify contact entries into groups. With predefined group categories, FAMILY and WORK, you can define up to 28 additional categories. Each group category can contain up to 10 contact entries and you can erase, add, and edit group categories with exception of predefined categories.

**ADD NEW GROUP**

- 1 Press [MENU], then select “Contacts” menu, then press “Groups”.
- 2 To select “New”, press [NEW].
- 3 Input a new group name.
- 4 To save it, press [SAVE].

**ASSIGN A PHONE NUMBER TO A GROUP**

- 1 To assign phone numbers to a Group, select “Add”, press [OPTION].
- 2 “Unassigned” locations appear. Select a location and press [OK]. Your phone book entries will be displayed in alphabetical order.
- 3 Select the contact for the group then press [DONE]. “CONTACT ADDED TO (GROUP NAME)” will be displayed. Repeat for each location for the Group.

**CHANGE GROUP NAME**

- 1 Press [MENU], then select “Contacts” menu, then press “Groups”.
- 2 Select an existing group name that you have added with the Navigation Key.
- 3 To select “Rename”, press [OPTIONS].
- 4 Input a new group name.
- 5 To save it, press [SAVE].

**SEND TXT MSG. GROUP**

- 1 Press [MENU], then select “Contacts” menu, then press “Groups”.
- 2 Select an existing group name with the Navigation Key.
- 3 To select “Send Txt Msg.”, press [OPTIONS].
- 4 Input a “Message”, press [OPTIONS] to select “Add”, “Save As Drafts”, “Priority Level” and “Call Back #”.
- 5 5.1. To send the text message, press [SEND].  
5.2. To save the text message, press [OPTIONS] then select “Save As Draft”, then press [OK].

## CONTACTS

### SEND PIX MSG. GROUP

- 1 Press [MENU], then select “Contacts” menu, then press “Groups”.
- 2 Select an existing group name with the Navigation Key.
- 3 To select “Send Pix Msg”, press [OPTIONS].
- 4 Input “Text”, “Picture”, “Sound”, “Subject”, then press [OPTIONS] to select “Preview”, “Add Quick Text”, “Save As Drafts”, “Priority Level”, “Remove Picture”, “Remove Sound”, “Add Slide”.
- 5 5.1. To send the pix message, press [SEND].  
5.2. To save the pix message, press [OPTIONS] then select “Save as Drafts”, then press [OK].

### ERASE GROUP

- 1 Press [MENU], then select “Contacts” menu, then press “Groups”.
- 2 Select an existing group name with the Navigation Key.
- 3 To select “Erase”, press [OPTIONS].
- 4 Select “Yes” to erase it, press [OK].

## CONTACTS

### SPEED DIALS

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], then select “Contacts” menu, then press “Speed Dials”.
- 2 To assign a phone number to a location, select the location then press [SET].
- 3 Select the contact with the Navigation Key then press [OK]. To confirm, press [OK].



- “Unassigned” appears if the location is available.
- To call an assigned number, press & hold the last digit of the speed dial #.

- 4 To select “Yes” or “No”, press [OK].
- 5 “SPEED DIAL SET” will be displayed.

## RECENT CALLS

### MISSED

Displays information about the 20 most recently missed calls.

- 1 To see a list of the 20 most recently missed calls, press **[OK]** [MENU], then select “Recent Calls” menu, press **[12-]** “Missed”. If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view missed call details, press **[OK]** [OPEN].

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

- 3 Press **[...]** [OPTIONS] and select “Save” to save it or select “Erase” to delete it.

- **Save** : To store the phone number in your phone book.
- **Erase** : To erase a missed calls list.
- **Lock/Unlock** : To lock or unlock missed calls list.
- **Erase All** : To erase all missed calls list (except locked one).
- **View Timers** : To display usage time.

- NOTE**
- After 20 missed calls, the oldest call will automatically be erased from the history.
  - Press **[...]** [MESSAGE], to send the Txt or Pix message.

## RECENT CALLS

### RECEIVED

Displays information about the 20 most recently answered calls.

- 1 To see a list of the 20 most recently answered calls, press **[OK]** [MENU], then select “Recent Calls” menu, press **[2 abc]** “Received”. If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view received call details, press **[OK]** [OPEN].

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

- 3 Press **[...]** [OPTIONS] and select “Save” to save it or select “Erase” to delete it.

- **Save** : To store the phone number in your phone book.
- **Erase** : To erase a received calls list.
- **Lock/Unlock** : To lock or unlock received calls list.
- **Erase All** : To erase all received calls list (except locked one).
- **View Timers** : To display usage time.

- NOTE**
- After 20 received calls, the oldest call will automatically be erased from the history.
  - Press **[...]** [MESSAGE], to send the Txt or Pix message.



## RECENT CALLS

### DIALED

Displays information about the 20 most recently dialed numbers.

**1** To see a list of the 20 most recently dialed numbers, press **[OK]** [MENU], then select “Recent Calls” menu, press **[3]** “Dialed”.  
If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.

**2** To view dialed call details, press **[OK]** [OPEN].



*Call details include type of call, date, time and phone number.*

**3** Press **[...]** [OPTIONS] and select “Save” to save it or select “Erase” to delete it.

- **Save** : To store the phone number in your phone book.
- **Erase** : To erase a dialed calls list.
- **Lock/Unlock** : To lock or unlock dialed calls list.
- **Erase All** : To erase all dialed calls list (except locked one).
- **View Timers** : To display usage time.



- After 20 dialed calls, the oldest call will automatically be erased from the history.
- Press **[...]** [MESSAGE], to send the Txt or Pix message.

## RECENT CALLS

### ALL

Displays information about the most recent incoming, outgoing and missed calls. Place a call to a dialed call by simply pressing **[SEND]**.

**1** To see a list of the 60 most recent incoming, outgoing and missed calls, press **[OK]** [MENU], then select “Recent Calls” menu, press **[4]** “All”.  
If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.

**2** To view details, press **[OK]** [OPEN].



*Call details include type of call, date, time and phone number.*

**3** Press **[...]** [OPTIONS] and select “Save” to save it or select “Erase” to delete it.

- **Save** : To store the phone number in your phone book.
- **Erase** : To erase a recent calls list.
- **Lock/Unlock** : To lock or unlock recent calls list.
- **Erase All** : To erase all recent calls list (except locked one).
- **View Timers** : To display usage time.








- After the 20 received, dialed or missed calls, the oldest call will automatically be erased from the history.
- Press **[...]** [MESSAGE], to send the Txt or Pix message.

## RECENT CALLS

### VIEW TIMERS

Displays the usage time. The 11 timers include (Last Call, All Calls, Received Calls, Dialed Calls, Roaming, Transmit Kilobytes, Received Kilobytes, Total Kilobytes, Last Reset, Lifetime Calls, Lifetime Data Counter):

- 1 Press  [MENU], then select “Recent Calls” menu, press  “View Timers”.
- 2 To reset the timers except Lifetime calls and lifetime data counter, press  [RESET], then select “Yes”, press  .  
To return to the previous page, press  [OK].






## SETTINGS

Customizes your phone and optimizes performance through a variety of settings.

### SOUNDS

#### MASTER VOLUME

Controls the Ringer volume and alerts you to incoming calls in the modes listed in the gray box below.

- 1 Press  [MENU], then select “Settings & Tools” menu, then press  “Sounds” then select  “Master Volume”.
- 2 Select one of the following options by pressing the Navigation Key to the right.
  - All Off
  - Alarm Only
  - Vibrate Only
  - Low, Med Low, Med, Med High, High.
  - Press  to play sound.
- 3 Select one of the available ring types.  
To confirm, press  [OK].

## SETTINGS

### CALL SOUNDS

To select a ringer type for incoming calls:

#### CALL RINGTONE

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[2 abc]** “Sounds” then select **[2 abc]** “Call Sounds”, then press **[1\*\_-]** “Call Ringtone”.
- 2 Select your desired ringer type.

- **Up or Down key** : Select “Ringer”.
- Press Play/Pause to Play/Pause the ringer.

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

#### CALL VIBRATE

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[2 abc]** “Sounds” then select **[2 abc]** “Call Sounds”, then press **[2 abc]** “Call Vibrate”.
- 2 Select “On” or “Off”, then press **[OK]** [OK] to save it.

## SETTINGS

### ALERT SOUNDS

When selected, this setting alerts you to the following handset changes:

#### ERI TONES

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[2 abc]** “Sounds” then select **[3 def]** “Alert Sounds”, then press **[1\*\_-]** “ERI Tones”.
- 2 Select “Beep”, “Voice” or “Off”, then press **[OK]** [OK] to save it.

#### TXT MESSAGE

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[2 abc]** “Sounds” then select **[3 def]** “Alert Sounds”, then press **[2 abc]** “TXT Message”.
- 2 Select “Tone”, “Vibrate” or “Reminder”, then select one of the following options.

- **Tone** : Select your desired ringer type.
- **Vibrate** : Select “On” or “Off”.
- **Reminder** : Select “Once”, “Every 2 Minutes”, “Every 15 Minutes” or “Off”.

- 3 To save, press **[OK]** [OK].

## SETTINGS

### PIX MESSAGE

- 1 Press [MENU], then select “Settings & Tools” menu, then press “Sounds” then select “Alert Sounds”, then press “Pix Message”.
- 2 Select “Tone”, “Vibrate”, or “Reminder”, then select one of the following:
  - **Tone** : Select your desired ringer type.
  - **Vibrate** : Select “On” or “Off”.
  - **Reminder** : Select “Once”, “Every 2 Minutes”, “Every 15 Minutes” or “Off”.
- 3 To save, press [OK].

### VOICEMAIL MSG

- 1 Press [MENU], then select “Settings & Tools” menu, then press “Sounds” then select “Alert Sounds”, then press “Voicemail Msg”.
- 2 Select “Tone”, “Vibrate”, or “Reminder”, then select one of the following:
  - **Tone** : Select your desired ringer type.
  - **Vibrate** : Select “On” or “Off”.
  - **Reminder** : Select “Once”, “Every 2 Minutes”, “Every 15 Minutes” or “Off”.
- 3 To save, press [OK].

## SETTINGS

### KEYPAD VOLUME

To adjust key pad tone:

- 1 Press [MENU], then select “Settings & Tools” menu, then press “Sounds” then select “Keypad Volume”.
- 2 Select one of the following options by pressing the Navigation Key to the right.
  - Off
  - Low, Med Low, Med, Med High, High
- 3 Select one of the available ring types. To confirm, press [OK].

### EARPIECE VOLUME

To adjust earpiece volume:

- 1 Press [MENU], then select “Settings & Tools” menu, then press “Sounds” then select “Earpiece Volume”.
- 2 Select one of the following options by pressing the Navigation Key to the right.
  - Low, Med Low, Med, Med High, High
- 3 Select one of the available ring types. To confirm, press [OK].

## SETTINGS

### SERVICE ALERTS

#### SERVICE CHANGE

Sounds an alert when leaving a service area and entering a roaming service area.

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[2 abc]** “Sounds” then select **[6 mnc]** “Service Alerts”, then press **[1 4-]** “Service Change”.
- 2 Select “On” or “Off”, then press **[OK]** [OK] to save it.

#### MINUTE BEEP

Sounds an alert every minute during a call.

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[2 abc]** “Sounds” then select **[6 mnc]** “Service Alerts”, then press **[2 abc]** “Minute Beep”.
- 2 Select “On” or “Off”, then press **[OK]** [OK] to save it.

#### CALL CONNECT

Notifies you that a call has been successfully placed.

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[2 abc]** “Sounds” then select **[6 mnc]** “Service Alerts”, then press **[3 dnl]** “Call Connect”.
- 2 Select “On” or “Off”, then press **[OK]** [OK] to save it.

## SETTINGS

### POWER ON/OFF SOUNDS

#### POWER ON SOUND

Allows you to activate/deactivate the power on tones.

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[2 abc]** “Sounds” then select **[7 pnp]** “Power On/Off Sounds”, then press **[1 4-]** “Power On Sound”.
- 2 Select “On” or “Off”, then press **[OK]** [OK] to save it.

#### POWER OFF SOUND

Allows you to activate/deactivate the power off tones.

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[2 abc]** “Sounds” then select **[7 pnp]** “Power On/Off Sounds”, then press **[2 abc]** “Power Off Sound”.
- 2 Select “On” or “Off”, then press **[OK]** [OK] to save it.

## SETTINGS

### ALARM SOUNDS

To select a ringer type for alarm sound:

#### ALARM TONE

- 1 Press [MENU], then select “Settings & Tools” menu, then press “Sounds” then select “Alarm Sounds”, then press “Alarm Tone”.
- 2 Select your desired ringer type.

- **Up or Down key** : Select “Ringer”.
- Press Play/Pause to Play/Pause the ringer.

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

#### ALARM VIBRATE

- 1 Press [MENU], then select “Settings & Tools” menu, then press “Sounds” then select “Alarm Sounds”, then press “Alarm Vibrate”.
- 2 Select “On” or “Off”, then press [OK] to save it.

## SETTINGS

### DISPLAY

Allows you to customize the display.

#### BANNER

To input a personal/ERI banner greeting:

#### PERSONAL

The text greeting can be up to 16 characters and is displayed on your phone’s screen in standby mode.

- 1 Press [MENU], then select “Settings & Tools” menu, then press “Display” then select “Banner”, then press “Personal”.
- 2 Enter a new personal greeting.  
To change the input mode, press [Abc].  
To return to the previous page, press [CANCEL].
- 3 Press [OK] to save it.

#### ERI BANNER

- 1 Press [MENU], then select “Settings & Tools” menu, then press “Display” then select “Banner”, then press “ERI Banner”.
- 2 Select “On” or “Off”, then press [OK] to save it.

## SETTINGS

### BACKLIGHT

Backlights the display and key pad and activates dimming for easy viewing in dark places.

#### LCD

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[3 def]** “Display” then select **[2 abc]** “Backlight”, then press **[1 2 -]** “LCD”.
- 2 Select one of the following options:
  - Always On, Always Off, 5 Seconds, 15 Seconds, 30 Seconds.
- 3 Press **[OK]** [OK] to save it.

#### KEYPAD

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[3 def]** “Display” then select **[2 abc]** “Backlight”, then press **[2 abc]** “Keypad”.
- 2 Select one of the following options:
  - Always On, Always Off, 5 Seconds, 15 Seconds, 30 Seconds.
- 3 Press **[OK]** [OK] to save it.

## SETTINGS

### CONTRAST

To adjust the display contrast:

#### MAIN LCD

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[3 def]** “Display” then select **[3 def]** “Contrast”, then press **[1 2 -]** “Main LCD”.
- 2 Select one of the following options, then press **[OK]** [OK] to save it.
  - Leve 1 – Leve 5

#### SUB LCD

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[3 def]** “Display” then select **[3 def]** “Contrast”, then press **[2 abc]** “Sub LCD”.
- 2 Select one of the following options, then press **[OK]** [OK] to save it.
  - Leve 1 – Leve 5

### WALLPAPER

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[3 def]** “Display” then select **[4 2#]** “Wallpaper”.
- 2 Select Default to choose a pre-installed display, Downloads or Pix # to choose a display you have downloaded to your phone. To launch “Get it Now Pix Services”, press **[...]** [GET NEW]. To expand selected image, press **[...]** [VIEW].
- 3 Select a display from the Animation and the Graphic list and press **[OK]** [OK] to save it.

## SETTINGS

### SCREENSAVER

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[3 def]** “Display” then select **[5 M]** “Screensaver”.
- 2 Select Default to choose a pre-installed display, Downloads or Pix # to choose a display you have downloaded to your phone.  
To launch “Get It Now Pix Services”, press **[...]** [GET NEW].  
To expand selected image, press **[...]** [VIEW].
- 3 Select a display from the Animation and the Graphic list and press **[OK]** [OK] to save it.

### DISPLAY THEMES

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[3 def]** “Display” then select **[6 PRO]** “Display Themes”.
- 2 Select one of the following options:
  - Theme 1 - Theme 4
- 3 Press **[OK]** [OK] to save it.

### FONTS

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[3 def]** “Display” then select **[7 FON]** “Fonts”.
- 2 Select “Normal” or “Large”, then press **[OK]** [OK] to save it.

## SETTINGS

### POWER ON/OFF ANIMATIONS

#### POWER ON ANIMATIONS

Allows you to set an animation to play during power on.

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[3 def]** “Display” then select **[8 ANI]** “Power On/Off Animations”, then press **[1 +...]** “Power On Animations”.
- 2 Select one of the following options:
  - Animation 1
  - Animation 2
- 3 Press **[OK]** [OK] to save it.

#### POWER OFF ANIMATIONS

Allows you to set an animation to play during power off.

- 1 Press **[OK]** [MENU], then select “Settings & Tools” menu, then press **[3 def]** “Display” then select **[8 ANI]** “Power On/Off Animations”, then press **[2 -...]** “Power Off Animations”.
- 2 Select one of the following options:
  - Animation 1
  - Animation 2
- 3 Press **[OK]** [OK] to save it.



## SYSTEM

### SYSTEM SELECT

Selects the Preferred System.

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “System Select”.
- 2 Select one of the following options:
  - Automatic B
  - Automatic A
  - Home Only
- 3 Press [OK] to save it.

### NAM SELECTION

Enables Auto NAM (Number Assignment Modules) or manually selects a NAM.

### AUTO NAM

Automatically switches phone to proper NAM when you have multiple NAM registrations.

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “NAM Selection”, then press “Auto NAM”.
- 2 Select “On” or “Off”, then press [OK] to save it.

### CHANGE NAM

Changes the NAM used by the phone when you have multiple registrations.

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “NAM Selection”, then press “Change NAM”.
- 2 Select one of the following options:
  - NAM 1 - VERIZON
  - NAM 2 - VERIZON
- 3 Press [OK] to save it.

## SETTINGS

### DEVICE INFO

Displays the information of your phone:

### MY NUMBER

Displays phone number of the device (MDN/MIN number and carrier) :

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Device Info”, then press “My Number”.
- 2 MDN/MIN number and carrier name are displayed.
- 3 To return to the previous page, press [OK].

### SW VERSION

Displays the (Software/PRL/ERI/Browser/Get It Now) version.

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Device Info”, then press “SW Version”.
- 2 Software version and other device information are displayed.
- 3 To return to the previous page, press [OK].

### ICON GLOSSARY

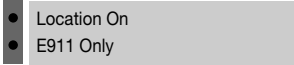
Displays the Indicator Icons of your cellular telephone.

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Device Info”, then press “Icon Glossary”.
- 2 Indicator Icons of your device are displayed.
- 3 To return to the previous page, press [OK].

## SETTINGS

### LOCATION

To determine whether or not the network system can detect your position:

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Location”.
- 2 Select one of the following options:  

  - Location On
  - E911 Only
- 3 Press [OK] to save it.

## SETTINGS

### SECURITY

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

#### COMMON CODE

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Security”, then enter your password, press [OK].



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

- 2 Select “Common Code”.
- 3 Select “On” or “Off”, then press [OK] to save it.

#### LOCK MODE

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

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Security”, then enter your password, press [OK].



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

- 2 Select “Lock Mode”.
- 3 Select “Device” or “Location” then select one of the following options:
  - **Device** : Lock, Unlock, On Power Up
  - **Location** : Lock, Unlock
- 4 Press [OK] to save it.

## SETTINGS

### EDIT CODE

Changes your Device/Location 4-digit password.

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Security”, then enter your password, press [OK].



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

- 2 Select “Edit Code”.
- 3 Select “Device” or “Location” then select one of the following options:
- 4 Enter “New Lock Code” then press [OK].
- 5 Enter “Confirm Lock Code” then press [OK] to save it.

## SETTINGS

### SPECIAL #'s

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

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Security”, then enter your password, press [OK].



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

- 2 Select “Special #'s”.

- 3 Select a location (1~3).

- 4 Press [SET] and input a phone number, press [OK] again to save.

### ERASE ALL

Erases all entries in the “Contacts”, “Downloads”, and “Pix Gallery”.

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Security”, then enter your password, press [OK].



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

- 2 Select “Erase All”.

- 3 Press [OK] to check “Contacts”, “Downloads” or “Pix Gallery” then press [DONE] to erase all the items in those categories. Select “Yes” and press [OK].

## SETTINGS

### RESET PHONE

Resets phone to default settings.

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Security”, then enter your password, press [OK].



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

- 2 Select “Reset Phone”.

- 3 Select “Yes” or “No”.  
Press [OK].

When you select “Yes” and [OK], you will see “This will be reset to default settings. Reset Phone ?” on the display.

- 4 To reset the phone, press [OK].

### LANGUAGE

Selects the language in which letters are displayed on the screen.

- 1 Press [MENU], then select “Settings & Tools” menu, then press “System” then select “Language”.

- 2 Select “English” or “Spanish”.

- 3 Press [OK] to save it.