CDMA PORTABLE CELLULAR PHONE
LGC-340/345W

LGC-340/345W USER GUIDE

Table of Contents

CHAPTER 6. Caller I.D.

CHAPTER 7. Menu Tree.

Introduction

1. Highlights

Congratulations on your purchase of the LGC-340W phone that has been designed to operate on the latest digital mobile communication technology, Code Division Multiple Access (CDMA). This CDMA digital technology has greatly enhanced voice clarity and can provide various advanced features. The LGC-340W is a dual mode phone that can operate also on the analog cellular systems(Advanced Mobile Phone Service – AMPS). It is new and compact phone with many useful and advanced features including:

- Large, easy-to read, 4-line, backlihgt LCD with status icons
- Paging, Messaging, Voice Mail and Caller ID capability
- 18-button keypad
- Exceptionally long battery life using state-of-the-art Li-Ion battery technology and ultra-power saving circuits.
- Choice of 4 ring sounds and 6 melodies.
- Menu-driven interface with prompts for easy operation and configuration.
- Call privacy inherent with CDMA encoding (in CDMA Mode).
- "Any key" answer, auto-redial, one-touch and speed dial with 99 memory locations.
- Optional accessories.

2. Important Information

This User's Guide contains important information on the use and operation of this phone. Please read all of the information carefully for optimal performance and to prevent damaging or misusing the phone.

Any changes or modifications not expressly approved in this User's Guide could void your warranty for this equipment.

CHAPTER 1. Getting Started

1. Phone Parts and Function Key Descriptions

Function Key	Descriptions
Red Light	Lights-up when using power key to turn on the phone and when there are incoming calls and messages.
Volume Switch	Adjusts volume and can also be used to scroll through menus.
LCD Screen	Displays messages and indicator icons.
SEND Key	Places and receives a call.
END / PWR Key	Disconnects a call. Also exits all the way out of a menu back to the phone's standby display without changing any setting.
✉ Key	Allows quick access to text and voice mail notification messages.
Flip Switch	When closed, terminates a call in progress, when opened, answers an incoming call.
CLR Key	Clears letters, numbers or returns to the previous menu option. Press once to erase one character. Press and hold to erase all characters and to go back to the standby display.
Soft Keys	The current operation of a Soft Key is defined by the word at the bottom of the display.
Side keys	Adjusts ringer volume(in standby mode) and ear piece volume(in a call).
Scroll Key	Scrolls through the memory locations and menu items.
1,2,3,. keys	Enters numbers, characters and chooses menu items.

2. LCD Icons

ICONS	Description
D	**Digital indicator** Digital service is available.
(no service icon)	**NO SERVICE** The phone is not receiving system signal.
(in use icon)	**In use** Call is in progress. * No Icon indicates the phone is in stadby.
(vibrator icon)	**In vibrator mode**
Rm	**Roaming** The phone is outside of its home service area.
(battery icon)	**[Charge level]** Indicates Battery Charge Level.
(envelope icon)	**Message** Message or page waiting.
V **T**	**V : voice message** There is a voice mail notification message waiting **T : text message** There is a text mail notification message waiting
(signal strength icon)	**Signal strength** Current signal strength is indicated by the number of lines shown.

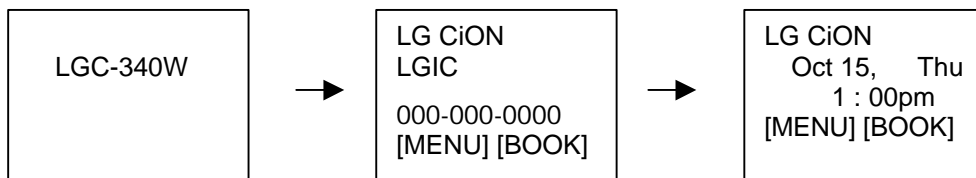<div style="background-color: yellow; border: 2px solid black;">

CHAPTER 2. BASIC FUNCTIONS

</div>

1. Turning the Phone On and Off

1.1 Turning the Phone On

1. Install a charged battery pack or connect the phone to an external power source such as the cigarette lighter adaptor or car kit.
2. Press [END/PWR] for a few seconds until the red light at the top of the phone flashe.

- The LCD displays the initial screen and a "beep" sound will alert you.

```
┌─────────────┐      ┌─────────────┐      ┌─────────────┐
│             │      │ LG CiON     │      │ LG CiON     │
│             │      │ LGIC        │      │   Oct 15,  Thu │
│  LGC-340W   │  →   │             │  →   │      1 : 00pm │
│             │      │ 000-000-0000│      │ [MENU] [BOOK]│
│             │      │ [MENU] [BOOK]│     │             │
└─────────────┘      └─────────────┘      └─────────────┘
```

- If the LCD displays "[UNLOCK]", see "security" under Menu Features.

```
┌─────────────┐
│ LG CiON     │
│   Oct 15,  Thu │
│      1 : 00pm │
│ [unlock]    │
└─────────────┘
```
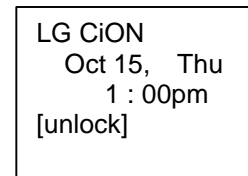
1.2 Turning the Phone Off

1. Press and hold [END/PWR] until "powering off" text is displayed on the LCD, and then release the button.
2. Protect the antenna by pushing it back into the phone, if extended.

2. Making a Call

Whenever you make a call, follow these simple steps:

1. Make sure the phone is turned on.

   If not, press [END/PWR].
2. Enter the phone number with area code, if needed.

```
┌─────────────┐
│             │
│ 02-818-4777 │
│             │
│ [save]  [find] │
│             │
└─────────────┘
```
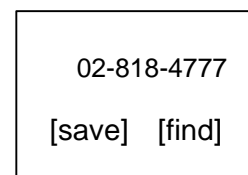
3. Press [SND]
   - If the phone is locked , enter the Lock Code and pressing [SND].

   - "Call Failed" indicates that the call did not go through.

```
┌─────────────┐
│ Calling…    │
│             │
│   02-818-4777 │
│             │
└─────────────┘
```
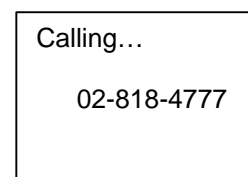
4. Press [END] to disconnect the call.

```
ENTER
LOCK CODE
        _ _ _ _
                [QUIT]
```

```
CALL FAILED

Redial in
        10 secs
```

(auto retry : on)

3. Correcting Dialing Mistakes

1. Press [CLR] to erase the most recent digit or letter.

2. Press and hold [CLR] for at least one second to delete all digits or letters.

4. Receiving Calls

1. Press any key (except [END/pwr] or Volume Keys) to answer.

```
        Incoming
        Call
```

```
Time:    0:01
  Oct  15,  Thu
      1 : 01pm
[MENU] [BOOK]
```

2. Press [END/pwr] to disconnect the call.

5. Call Waiting

Your cellular service may offer call waiting. While you are on a call, you may hear two beeps indicating another incoming call. When call waiting has been enabled, you may put the active call on hold as you answer the other incoming call. Check with your cellular service about this feature.

1. Press [SND] to receive a waiting call.

2. Press [SND] again to switch between calls.

6. Mute

This function prevents your voice from being transmitted, but you can still hear the other party's talking.

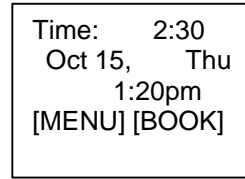1. Press [MENU] and [3] while in a call.

```
MUTE:     0:11
  Oct 15,    Thu
      1:01pm
[MENU] [BOOK]
```

To release Mute, Press [MENU] and [3] again.

```
Time:      2:30
  Oct 15,     Thu
        1:20pm
[MENU] [BOOK]
```

7. Redialing Last Outgoing Number

1. Press [SND] to redial the last dialed number.

   • You can also redial any of the last ten numbers you have dialed. Last 10 numbers are stored in the call history list (See Recent Call History List).

8. Adjusting the Volume

The volume buttons on the left topside of the phone can be used to adjust ear piece, ringer and key volumes. The upper button increases and the lower button decreases the volume.

   • You may adjust earpiece volume while you are in a call.

```
EARPIECE   13
VOLUME
       ▄▄▄█
[  ok  ] [ next]
```
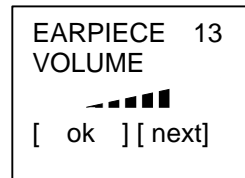
   • Adjusting the ringer volume while the phone is ringing and in standby mode.
   ➢ The ringer volume can also be adjusted through Menu Feature.

```
EARPIECE   11
VOLUME
       ▄▄▄█
[  ok  ] [ next]
```
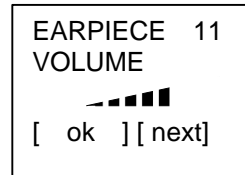
   ➢ If you adjust the ringer volume to minimum, the LCD displays "-Ringer Off-" and you won't hear the ringer sound.

```
LGC-340W
-  Ringer Off  -
      1:23pm
[MENU] [BOOK]
```
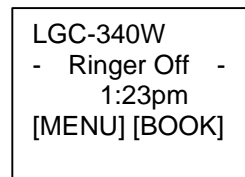
   • The key beep volume is adjusted through Menu Feature.

```
EARPIECE   12
VOLUME
       ▄▄▄█
[  ok  ] [ next]
```
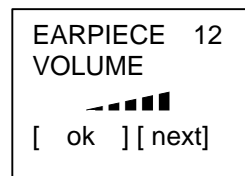
9. Signal Strength

The quality of calls depends in the signal strength in your area. The stronger the signal, the better the call quality. The signal strength icon indicates the current strength as a number of bars.

If you are outside of a service area, the "No service" icon will be displayed. No calls can be made or received, including emergency calls.
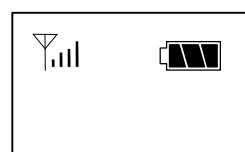
(Strongest signal)

Extend the antenna when the signal strength is weak.

If you are in a building, the reception may be better near a window.
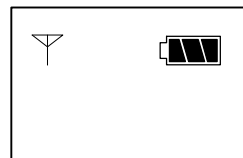
(Weakest signal)
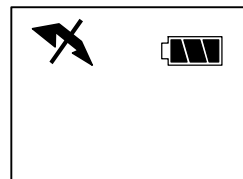
(No signal received)

10. Emergency Dialing

As long as your phone is registered on a system, you can place calls to emergency number 911 - even if your phone is locked or restricted.

1. Press [9] [1] [1].
2. Press [SND].

Calling…

911
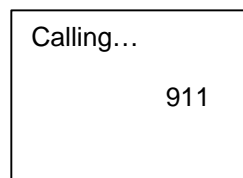
11. Viewing Your Telephone Number

1. Press [MENU] and [0].

LGC-340W

019-200-

2000
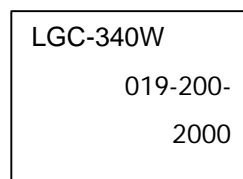
12. Etiquette Mode

Press the pound key (#) for one second ,and the ring type is set to vibrator.

[ETIQUETTE]

[MENU][BOOK]
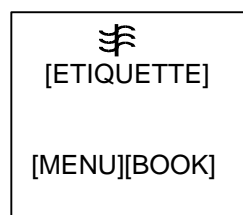
CHAPTER 3. PHONE BOOK FEATURES

1. Two types of Phone Books

You can store up to 99 numbers onto the Phone Book that giving you easy access to your most frequently dialed phone numbers. There are two types of phone books: Personal Phone Book memory and Recent Call History List.

2. Personal Phone Book Memory

The phone has 99 personal phone book memory locations where you can store up to 32 digits with an associated name of up to 12 characters.

2.1 Saving Numbers to Your Personal Phone Book

Memory locations 1 through 9 should be used for one-touch dialing for your most commonly phone numbers.

1. Enter the phone number that you want to save
    (up to 32 digits).

```
┌─────────────────────┐
│                     │
│                     │
│   019-200-2000      │
│  [save]     [find]  │
│                     │
└─────────────────────┘
```

2. Press [save] and then the cursor will appear in the upper left most side of the top line that indicates that the phone is in the Alpha mode.

```
┌─────────────────────┐
│ ?                   │
│                     │
│   019-200-2000      │
│ [  ok  ]  [X→x]     │
│                     │
└─────────────────────┘
```

3. Enter a Name (up to 12 Characters) to go with the phone number (see Entering Characters for more information and then press [save]). If you don't want to enter a name, press [save] to proceed without entering characters.

```
┌─────────────────────┐
│ Mike?               │
│                     │
│   019-200-2000      │
│ [  ok  ]  [x→X]     │
│                     │
└─────────────────────┘
```

4. The phone will ask you for the memory location where the number will be saved. Press [ok] to automatically store the number in the first available memory location. Or, you also have the option to enter a specific two-digit emory location number.

```
┌─────────────────────┐
│ Mike                │
│   Location   ??     │
│     auto =   03     │
│ [  ok  ] [ next ]   │
│                     │
└─────────────────────┘
```

5. The phone will ask whether you want to keep this number secret or not. Setting memory locations to "Secret" hides the phone number and only is deleted, not edited. Select "Yes" or "No" using [next] or [*▲] or [#▼].Press

```
┌─────────────────────┐
│ Make Secret?        │
│                     │
│           No        │
│ [  ok  ] [ next ]   │
│                     │
└─────────────────────┘
```

4. Recent Call History List

The phone keeps a list of the last 10 calls you have made, accepted, missed, or added(using the scratch pad feature), so you can redial any of these numbers quickly and easily.

❑ **Retrieving Recent Call History**

1. Press [BOOK].

```
LOOK UP
 Location   ??

[NAME] [CALLS]
```

2. Press [CALLS].

```
> 0192002000
  0192112111
  0192222222
[view]
```

3. Press [* ▲] or [# ▼] to scroll through the last ten calls until the
   arrow prompt is at the number you want to call.

```
Calling . . .

019-200-2000
```

4. Choose one of the following options:
   - Press [SND] to place the call.
   - Press [view] to see specifics of the call.
     To save the number to a memory location, press [save], the cursor will
     then appear on the screen. Follow the steps for saving numbers to your personal phone book.

```
CALL TO

 019-200-2000
[save]
```

If a name appears in the recent call history list, it already occupies a memory location.

5. Retrieving Numbers

5.1 Retrieving One Phone Numbers by Memory Location Number

1. Press [BOOK].

2. Enter the two-digit memory location number if you already know the
   memory location. The phone number and the stored name in that memory
   location will be displayed.
   - Single digits must be entered with a leading zero (e.g. 01,02,03.).
   - "Empty Location" will be displayed momentarily
     if the memory location is empty.

3. Press [SND] to place the call.

```
LOOK UP
 Location   ??

[NAME│CALLS]
```

```
Memory     11
KJH
 019-200-2000
[ edit | erase ]
```

5.2 Retrieving by Name Search

1. Press [BOOK].

2. Press [NAME].

```
LOOK UP
  Location   ??

[NAME│CALLS]
```

3. Enter the letter(s) that you want to search for. At least two letters are recommended for a quick search.

```
SEARCH FOR
MI?

            [FIND]
```

4. Press [FIND].

   • The phone searches for the names with those letters.
     You will see a list of matches.

5. Press [*▲] or [#▼] to scroll through the list.

```
> 01:Mike
  05:Milk

[view]
```

6. Press [VIEW] to see specifics in that memory location,
   or press [SND] to place the call.

```
Memory 01
Mike
   02-818-4777
[   edit | erase ]
```

5.3 Retrieving all Stored Memory Locations

1. Press [BOOK].

```
LOOK UP
  Location   ??

[NAME│CALLS]
```

2. Press [NAME] , [FIND] and then press [*▲] or [#▼] to scroll through the memory list until the arrow prompt is at the number you want to dial.

```
> 01:Mike
  02:Carol
  03:WJH
[view]
```

3. Press [VIEW] to see specifics in that memory location.

4. Press [SND] to make the call.

```
Memory   01
Mike
   02-818-4777
[   edit | erase ]
```

6. Changing the Personal Phone Book

6.1 Deleting Phone Numbers in Memory

1. Retrieve and view the memory location you want to delete.

   Follow the steps for "Retrieving Numbers" on pages ?? thru ??.

```
LOOK UP
  Memory   ??

[NAME│CALLS]
```

```
Memory   11
KJL
    02-888-7777
[   edit | erase ]
```

2. Press [erase]. The LCD screen will display "Erase #?"

   in order to make sure that you really do want to delete

   the memory location. However if the memory location is secret,

   the phone will ask you to enter "Lock Code".

```
ERASE #11?
KJL
    02-888-7777
[   ok   ] [ quit ]
```

```
Memory    11
KJL
-    Secret    -
          [erase]
```

3. Press [ok], or enter your Lock Code.

4. "-erased-" will be displayed momentarily to confirm

   that the entry has been erased. You may store new numbers

   into erased memory locations.

```
ENTER
LOCK CODE

          _ _ _ _
          [QUIT]
```

```



      - erased -


```

6.2 Editing a Stored Memory Location

1. Retrieve and view the memory location you want to edit. Follow the steps for "Retrieving Numbers" on pages ?? thru ??.

```
LOOK UP
  Location   ??

[NAME│CALLS]
```

```
Memory 01
Mike
    02-888-7777
[   edit | erase ]
```

2. Press [edit]. Then, the name and number will remain on the screen. "Secret" memory locations can not be edited.

3. Press [CLR] to clear the number to be edited.

4. Enter a new number(s).

5. Press [ok] to store the new number in memory.

6. Edit the name using [* ▲] or [# ▼] to move the cursor, the keys to enter characters, and [CLR] to erase the current characters.

7. Press [ok]. Then the phone will ask you whether or not to store the number into the original memory location.

```
Mike

    02-888-7854
[ ok ]
```

```
?ike

    02-888-7854
[   ok    ] [X→x]
```

8. Press [ok] to overwrite the original memory location displayed.

9. Press [ok] again to confirm the overwriting or [END] to cancel or [next] to go previous screen.

10. The phone will display a message asking to keep your number secret or not. Select "No" or "Yes" using [next] or [* ▲] or [# ▼].

11. Then press [ok].

```
Michael

    02-888-7854
[   ok    ] [X→x]
```

```
Michael
  Location ??
original = 01
[   ok    ] [ next ]
```

```
Overwrite?
Michael
01: 02-888-7854
[   ok    ] [ next ]
```

7. Dialing Numbers from Your Phone Book

You can make a call using any memory location either by speed dialing from the memory list or by pressing [SND] while viewing the full contents of the memory location.

7.1 One-Touch Dialing

One-touch dialing is a convenient feature which enables you to dial frequently used numbers in your personal phone book through one key press (for memory location 1 through 9).

1. Press and hold the key (1 through 9) corresponding to the appropriate memory location for a few seconds.

7.2 Two-Touch Dialing (Speed Dialing)

This dialing feature enables you to dial numbers in your phone book through two key (for locations 10 to 99).

1. Press the first digit.

2. Press and hold the key for the second digit.

7.3 Dialing from a Memory list

1. Press [BOOK].

2. Search and find the memory location you want, using [*▲] or [#▼].

3. Press [SND].

7.4 Dialing from a Memory Location

1. While viewing any memory location, press [SND].

8. Advanced Phone Book Feature

8.1 Pause Feature

When you call automated systems (such as voice mail or credit card billing numbers), you often have to enter a series of numbers. Instead of entering these numbers by hand, you can store the numbers in your phone book separated by special characters called pauses. There are two kinds of pauses:

Hard Pause (H) : The phone pauses until you press [SND] to go to the next number.

Time Pause (T) : The phone will pause for two seconds before sending the next set of numbers. Each additional time pause will add two more seconds to pause length.

Hyphen : Hyphens are used for appearance only (e.g. 1-800-555-1234). They will not add a pause between numbers.

8.2 Storing a Number with Pauses

1. Enter the phone number.

2. Press [✉].

3. Select from the following:

```
1H hardPause
2T TimePause
3– hyphen
```

Press [1] for Hard pause.

Press [2] for Time pause.

Press [3] for Hyphens, hyphens WILL NOT pause a number.

4. Enter additional number(s) (e.g. pin number or credit card number).

5. Press [save] to save this number with pauses.

```
019200-2000
H1234T1234
[ save ] [ find ]
```

8.3 "Prepending" a Stored number

"Prepend" can be used if you are out of your home system and need to add the area code to an existing phone book number. When a phone book entry, call history, or message callback number shows up on the display, you can make additions to the beginning of the original number. However, you can't edit the original number during "Prepending"

1. Recall a number in memory.

2. Enter the appropriate digits to prepend to the stored number. Digits entered will be inserted before the recalled number.

3. Press [SND] to dial the prepend numbers and the phone number.

```
CALL TO

  02-888-7777
[ save ]
```

```
PREPENDING

         008
  02-888-7777
```

8.4 Call History

The phone maintains a list of the last 10 calls made, accepted, missed, or added(using the catch pad feature). The most recent entry is stored at the top. Once all 10 locations are filled, the next entry causes the oldest entry to be lost.

Depending on the operating mode and available features, each entry may contain the phone number, name, and time stamp(which indicates when the call occurred).

You may see one of the following entries:

Missed   Indicates an unanswered incoming call.

Called By   Indicates a call you received.

Call To   Indicates a call you placed.

Added   Indicates that the number was added using the scratch pad feature.

CHAPTER 4. MENU FEATURE

1. Main Menu

Menus allows you to check or change the phone's various features and settings.

This section describes the various menu items. The main menu looks like the following:

```
MAIN MENU
1:Volume
2:Display
3:SelectRing
```

```
MAIN MENU
4:System
5:Alerts
6:Call Info
```

```
MAIN MENU
7:Security
8:Features
9:Advanced
0:Own no.
```

2. General Guidelines to MENU Access and Settings

1. Press [MENU]. Then the first 3 menu items will appear.

2. Press [*▲] or [#▼] to go through the list of menu features. Or using the side key.

3. Press the number corresponding to the menu item that you want to select.
   Then the submenu list will appear on the screen.

4. Press the appropriate number key to select the submenu you want to access.

5. Select preferred settings, using the [*▲] and [#▼] keys or right side softkey [next].
   Press [CLR] to go one step backward while accessing menu or selecting settings.

6. Press [ok] to save the setting or [CLR] to cancel without saving.

3. Menu Item Descriptions

3.1 Idle State

3.1.1 Menu 1 Volume

1. Ringer

   Adjust ringer and new message alert volume. You can also adjust the ringer volume by pressing the side keys while the phone is ringing or in standby mode.

2. Key Beep

> Adjust the key beep volume (the sound the phone makes when the keys are pressed).

3. Earpiece

> Adjust the earpiece volume. You can also adjust this during a call, by pressing the side keys.

3.1.2 Menu 2 Display

1. Backlight

> Choose the setting of the LCD and keypad backlighting. "10 seconds" turns the backlight off 10 seconds after the last key was pressed. "30 seconds" waits 30 seconds after the last key press. "always on" means that the backlight is on whether the flip is open or closed. choosing "always on" siginifcantly decrease battery drain. "always off" means that the backlight is never on. "on when flip up" means that the backlight is on when flip up .

2. Banner

> Enter banner(up to 12 characters) that is displayed on the top line when the phone powers up and when it is in standby. Press [edit] to make changes to existing banner. Enter the characters as you would when storing a name tag to a memory location. Then press [ok].

3. AutoHyphen

> Set hyphen option. When on, automatically inserts hyphens to be consistent with U.S. phone numbers.

4. Version

> View the software version.

3.1.3 Menu 3 Select Ring

This menu allows you to adjust the various ringer sounds and types.

1. Ring Sound

> Select the ringer sound with [*▲] or [#▼] or right soft key[next]. The first four are ring sounds and the remaining six are melodies.

2. Ring Type

> Select the ring type one of four types(RING, VIBRATOR, VIB+RING and LAMP) with [*▲] or [#▼] or right soft key[next].

3.1.4 Menu 4 System

1. Select

> Choose setting to control which cellular company your phone uses. Leave this setting as "standard" unless you want to alter the system selection.

2. Set NAM

> Select the phone's NAM(Number Assignment Module) if the phone is registered with multiple service

providers.

3. Auto NAM

Allows the phone to automatically switch to one of the programmed NAMs if it is operating in the corresponding service provider area.

4. Force Call

Make next call in analog mode. You have 30 second to place an analog call. This features is typically used for data applications.

3.1.5 Menu 5 Alerts

1. Fade

Set an alert to inform you when you have lost a call or lose service.

2. Minute

Alert you every 10 seconds before the end of every minute during a call.

3. Service

Alert you when service (CDMA / ANALOG , A / B ,etc.) changes.

4. Call fail

Alert you when you try to make a call but fail.

3.1.6 Menu 6 Call Info

1. Last Call

Displays duration of last call in minutes and seconds.

2. Home Calls

Displays the total number and time(minute and second) of all calls made while in the home

system(i.e. not roaming), since last reset. This can be reset by pressing zero(0).

3. Roam Calls

Displays the total number and time(minute and second) of all calls made while in the roaming.

This can be reset by pressing zero(0).

4. All Calls

Displays the total number and time(minutes and seconds) including calls made while in the home

system and while roaming. This is NOT resetable.

3.1.7 Menu 7 Security

(You must enter the lock code after pressing 7)

1. Lock Mode

Choose when you want the phone to lock. "Now" immediately locks the phone. When the lock code is entered, this is reset to "never". "On power up" locks the phone when the phone is turned on. "Never" means that the phone is never locked. When locked, you can only make emergency calls(see Emergency Calls) or receive incoming calls. When in a call, you can adjust the earpiece volume. All functions and features including memory viewing and storing and message viewing are disabled when the phone is locked. Speed dialing, last number redial, and one-touch, if enabled, will still work with emergency numbers.

2. Restrict

Set call restrictions to "yes" or "no". If set to "yes," you can only make calls to emergency numbers and phone numbers in locations 1 to 9. You will still receive calls in restrict mode.

3. New Code

Allows you to enter a new four digit lock code number. For confirmation it will ask you to enter the new lock code twice. This is the same number as the pin code. See Menu 76 for send PIN information.

4. Emergency#

Enter 3 emergency numbers([edit] → enter number → [ok] → [next] →). You can call these numbers and 911 even when the phone is locked or restricted. If dialing the numbers for it to override the lock and restriction settings.

5.Clear Calls

Clear the call history information.

6. Send PIN

Your service provider may require you to enter a PIN when placing a call. This feature is set to "prompt" which automatically prompts you to send a PIN when the call is placed. Press [yes] or [SND] to send the PIN. Press [NO] or nothing if you do not want to send the PIN. set this option to "never" if your service provider doesn't require you to enter a PIN when placing a call.

3.1.8 Menu 8 Feature

1. Auto Answer

Select the number of rings before the phone automatically answers a call. The earpiece must be raised for auto answer to work. This feature is most commonly used with the car kit. Select from the following using rings or melodies.

- 1 ring or melody 5 seconds
- 3 ring or melody 10 seconds
- 5 ring or melody 15 seconds
- off

2. Auto Retry

Set the length of time the phone waits before automatically redialing a number when the system is busy.

3. Key Beep

Set key beep length and touch tone playback speed.

4.Privacy

Set the voice privacy feature for CDMA calls as "enhanced" or "standard." CDMA offers inherent voice privacy. Check with your service provider for availability of the enhanced voice privacy mode. During a call, if active, you will see an inverse "P" after the call time.

3.1.9 Advanced

1.Modem Setup

Set the data service mode when the data service is available.
Send only / Modem Rcv / Fax Rcv

2. Languages

Select the languages that you want to use.

English / Spanish / French / Portuguese

3.1.10 Menu 0 Own No.

Display your own phone number.

3.2 Traffic State

3.2.1 Menu 1 Volume

1. Ringer

Adjust ringer and new message alert volume. You can also adjust the ringer volume by pressing the side keys while the phone is ringing or in standby mode.

2. Key Beep

Adjust the key beep volume (the sound the phone makes when the keys are pressed).

3. Earpiece

Adjust the earpiece volume. You can also adjust this during a call, by pressing the side keys.

3.2.2 Menu 2 Scratch Pad

Store phone numbers during a call. These numbers are added to call history(see Call History).

3.2.3 Menu 3 Mute

Switch microphone of and off while in a call. When the microphone is off, the other party can not hear you.

3.2.4 Menu 4 Alerts

1. Fade

Set an alert to inform you when you have lost a call or lose service.

2. Minute

Alert you every 10 seconds before the end of every minute during a call.

3. Service

Alert you when service (CDMA / ANALOG , A / B ,etc.) changes.

5. Call fail

Alert you when you try to make a call but fail.

CHAPTER 5. MESSAGE FEATURE

Text Message,page and voice mailbox become available as soon as the power Is on. You can access above three types of message using the message key(⊠). In addition, you can make a call to the call back number by pressing (SEND) key during message checking.

The phone can store up to 23 text at 120 characters per message However, you should check whether your service provider provides the above features.

The information that can be stored on the message is determined by the modes offers by the phone and service capability. You can check three types of messages by pressing the message key(⊠).

    1)   Messages that include text

    2)   Pages that include phone numbers

    3)   Voice mailbox

1. New Message Alert

The phone notifies you that it received new messages by means of the following four methods.

    1)   The phone displays the message on the screen

    2)   One of four sounds is heard(if selected).

    3)   The red light blinks.

    4)   The message icon is displayed on the screen(⊠). In the case of an urgent message, the icon will flash and an "asterisk" mark will be displayed on both sides of the message

2. Reading Newly Received Text Messages

1) Press the   (⊠)

```
SMS MENU
1. Voice Mail
2. Text
3. Erase All
4. Alert
```

2). Select 2 "Text"

```
MESSAGE
Content
```

3).Select [NEXT]

  The messages are displayed in the reverse receiving order in case "URGEN[T] displayed. the "URGENT" message is displayed first. You should press UP/DOWN key(¡ã¡ä)in order to scroll the message list.

In case the message is scrolled, an alarm tone indicationg the last message and first
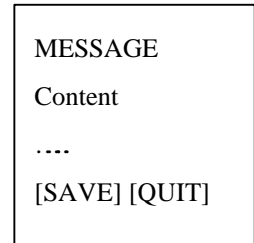
```
> Msg 1
  Msg 2
  ….
[ERASE | VIEW]
```

message is generated. To delete each messae, select[ERASE].

To delete all the messages, select 3 " Erase All" on the MESSAGE MENU screen

4)   Select [VIEW]

In case you select "VIEW", the screen is scrolled automatically to the next page. You should select UP or DOWN key(¡ ã à)in order to scroll the message line by line.
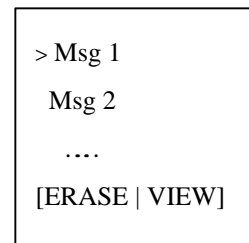
```
MESSAGE
Content
….
[SAVE] [QUIT]
```

NOTE

If there are no new message received, the phone displays previously stored message list. In addition, you can store the call back numbers in the PHONE BOOK MEMORY by selecting [SAVE] after checking all   the messages. However, in case the name is displayed on the upper part of the call back number, it indicates that the call back number has been stored already. In order to store the call back number, you may have to have screen for storing numbers appear first. you can make a call by pressing (SEND) key. you can select [QUIT] to return to previous screen.

3. Reading Previously Stored Messages

1) Press the   (⊠)

```
SMS MENU
1: Voice Mail
2: Text
3: Erase All
4: Alert
```
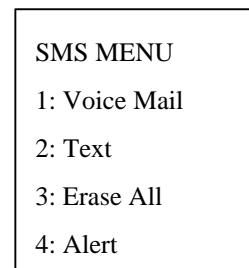
2) Select no. 2 " Text " from the message menu.

```
> Msg 1
  Msg 2
   ….
[ERASE | VIEW]
```

3) once you press (SEND) key at the stage 3, the call will be made to corresponding call back number, the following screen will be displayed.
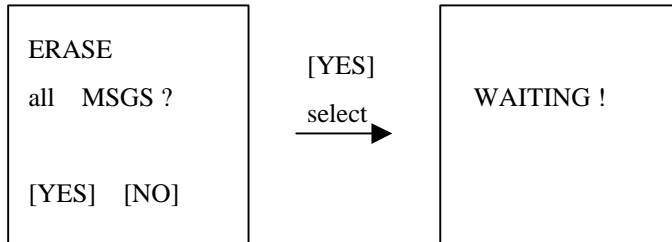
    Select [QUIT] to go to back to the previous screen

4) Select [VIEW]

```
No Phone number
received


       [QUIT]
```
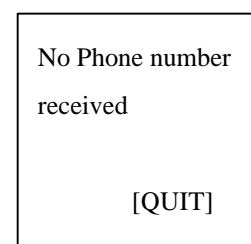
4.Delecting All the Messages

All the voice mailbox, text messages, and pages are deleted when you select No. 3 " Erase All" from the MESSAGE MENU screen.

```
ERASE
all   MSGS ?              [YES]
                          select  ───▶    WAITING !
[YES]   [NO]
```

5. Selecting Alert and sound types

1) Slect No 4 "Alert " from ther MESSAGE MENU

   - if you turn "Set Alert" on, the phone generates a sound and vibration, a flash blinks and the screen indicating a new messages   arriving is displayed during message receiving(only when selected from Alert Type). However, only the screen indicating a new message is displayed in off state.

   - You can select Flash, Bell, Vibrator, and VIB + Bell in the "Alert Type" Mode

   - You can select any of the four sounds from the "Sound Type " menu.

```
ALERT MENU
1:Set Alert
2:Alert Type
3:Sound Type
```

* Checking the Voice Mailbox

You can check the number of new voice messages arriving in the voice mailbox. The latest message is stored, overwriting the previous one in the voice mailbox. The voice mailbox is alerted during receiving as in the case of general text characters.

6. Checking of Voice Mailbox

1) Press the   (⊠)

```
SMS MENU
1.Voice Mail
2.Text
3.Erase All
4.Alert
```

2) Select No 1 " Voice Mail"

   - If you press (SEND) key or selected softkey [SEND], Voice mail callback number displayed and this will call to your voicemail system, where you can access your voice mail message.

```
Date    Time
Voice Mail
1 New
Message
[ERASE][SEND]
```

<u>Low Memory Warning</u>

The phone changes into the alert mode in case the memory of message available for use is 25% ot the capacity or less. You should selete the old messages in order to prevent the message from being deleted even if ther phone can receive new messages.

<u>Out of Memory Warning</u>

No more messages can be received until enough memeory space becomes available.

At this time, the message " Not enough Memory! MSG Rejected" is displayed on the phone.

CHAPTER 6. CALLER I.D.

This featrue enables the phone number of the calling person to be displayed when you receive the call. You should check if the cellular service carrier provides this feature.

● Use of Caller I.D.

The phone number of calling person will be displayed on the LCD screen when the call is received. The 'Number is Restricted ' message will be displayed if the phone blocked displaying the calling person's phone number. In addition, the 'Number is Unavailable' message will be displayed in case the Caller I.D. can not be used. The 'Missed Call' message will be displayed when you fail to receive the call after power on or fail to answer. Missed call number will be stored in the call history temporarily and will be displayed later in case the phone number is not blocked.

In case the phone number is stored in the memory together with the name, the phone number of calling person and name is displayed on the screen before you answer.

<div style="background-color: yellow;">

CHAPTER 7. Menu Tree

</div>

1. Idle State

MAIN MENU	SUB MENU	LIST
1. VOLUME	1: RINGER 2: KEY BEEP 3: EARPEACE	5´ Ü è(Silent / Low / -mid / +mid / high) 5´ Ü è(Silent / Low / -mid / +mid / high) 6´ Ü è
2. DISPLAY	1: BACKLIGHT 2: BANNER 3: AUTO HYPHEN 4: VERSION	10 sec/ 30 sec /always off /always on/ on when flip up if avail / no on / off
3. SELECT RING	1: RING SELECT 2: RING TYPE	Sound1 ~ Sound 10 Ring / Vib / Ring + Vib / Lamp Only
4. SYSTEM	1: SELECT 2: SET NAM 3: AUTO NAM 4: FORCE CALL *0: HIDDEN*	A only / A then B / B only / B then A / home only / standard Nam #1 ~ 2 On / off Use analog Nam Programing À Ô Â
5. ALERT	1: FADE 2: MINITE 3: SERVICE 4: CALL FAIL	On / off On / off On / off On / off
6. CALL INFO	1: LAST CALL 2: HOME CALLS 3: ROAM CALLS 4: ALL CALLS	MMM:SS HHHHH:MM:SS HHHHH:MM:SS HHHHH:MM:SS
7. SECURITY	1: LOCK MODE 2: RESTRICT 3: NEW CODE 4: EMERGENCY 5: CLEAR CALLS 6:SEND PIN	Never / now / on power up No / yes ???? Emergency1 / emergency2 / emergency3 Yes Yes / No
8. FEATURES	1: AUTO ANSWER 2: AUTO RETRY 3: KEY BEEP 4: PRIVACY *0: HIDDEN*	Off / 1 ring after / 3ring after /5 ring after Off / every 10sec / every 30sec / every 60sec Normal / long Enhanced / Standard Ç Ê àÅ ½ Æ ®¿ ë
9. ADVANCED	1: MODEM SETUP 2: LANGUAGES	Send only / Modem Rcv / Fax Rcv English / Spanish / French / Portuguese
0. OWN NO.		

2. TRAFFIC STATE

MAIN MENU	SUB MENU	LIST
1.VOLUME		
2. SCRATCH PAD		
3. MUTE		
4. ALERTS	*1: FADE ALERT*	On / off
	2: MINITE ALERT	On / off
	3: SERVICE ALERT	On / off
	4: CALL FAIL ALERT	On / off

3. HIDDEN MENU

MAIN MENU	SUB MENU1	SUB MENU2	LIST
4. SYSTEM	*0: HIDDEN*	1: Prog Mode (or Svc Mode)	Nam1 / Nam2 (Short Nam / Ext Nam)
		2: Pref Mode	Cdma / Cdma & Analog / Analog / Analog & Cdma
		3: ER Mode	Enable / disable
		4: PRL	Prl Ver / Prl ID / Prl Clr
8. FEATURES	*0: HIDDEN*	1: SCREEN	
		2: TEST CALLS	
		3: CDMA ONLY	Enable
		4: ERRORS	
		5: CLR ERRORS	
		6: VOC SELECT:	8k Q / 13k Q / Evrc
		7: Dm_Data set	
		8: QNC Toggle	