

ATTACHMENT M – USER’S MANUAL

FCC Part 22 Certification Check List

13. Users Manual

GCP-2000 User's Manual (V0.0)

Preliminary

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- Edit history
- **MENU** table
- Basic description
- Main **MENU** functions
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- Phone book functions
- Call in progress functions
- Specific features

■ Release History

1	Jul. 11. 2000	Brian Roh	Initial Release (GTRAN Korea, Inc. SW Team)
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■ **MENU** table

1. **[MENU] MENU** table

Level 1	Level 2	Level 3	Level 4 & Remarks
1. Sound	1. Ringer	Ring Only / Vibrate Only / Ring after Vibration.	
	2. Ring Type	1 ~ 10 ring type	
	3. Key Beep	Short / Long	
	4. DTMF Length	Short / Long	
	5. UP Alert Type	1 ~ 5 type	
2. Volume	1. Key Volume	4 steps	Silent, Low, Medium, High
	2. Ringer Volume	4 steps	Off, Low, Medium, High
	3. Earpiece Volume	3 steps	Low, Medium, High
3. Alerts	1. Connect Alert	Yes / No	
	2. Fade Alert	Yes / No	
	3. Service Alert	Yes / No	
	4. Minute Alert	Yes / No	
	5. Roaming Beep	Yes / No	
	6. UP Alert	Yes / No	
	7. SMS Alert	Yes / No	
4. Time	1. Last Call		
	2. All Calls		
	3. Reserved Call	Yes / No	Input time and number
	4. Set Alarm	Off / Once / Everyday	Edit time
	5. Anniversary	1. View 2. Add [0 used] 3. Delete	Input date and name
	6. World Time		
	7. Calendar		
5. Display	1. Backlight	10 / 20 / 30 seconds / Always on / Always off	
	2. Banner		
	3. Contrast	40 steps	
	4. Standby Display	Time preferred / Date preferred / Display MIN / Normal	
	5. Language	English / Spanish / Portuguese	
	6. Show Version		
	7. MENU Display	Icon / List	

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6.Minibrowser			
7. Security	1. Auto lock	Never / At power on / Now	
	2. Emergency	1. Emergency call 1 2. Emergency call 2 3. Emergency call 3	
	3. Lock Call History	Yes / No	
	4. Erase Numbers	1. Clear Calls	Yes / No
		2. Clear Directory	Yes / No
		3. Clear Emergency #	Yes / No
		4. Clear All	Yes / No
	5. Restrict	1. Outgoing Calls	Yes / No
		2. Store Numbers	Yes / No
		3. One-touch Dial	Yes / No
		4. Incoming Calls	Yes / No
	6. New Lock Code	Enter New Lock Code ?	Re-enter New Lock Code
	7. Initialization	Yes / No	
8. System	8. Send PIN	Never / Prompt	
	9. NAM Selection	1. Set NAM 2. Auto NAM	NAM 1 / NAM 2 Yes / No
9. Features	1. Select System	Standard / A Only / B Only / Home Only	
	2. Select Mode	CDMA only / Analog only / Temp analog / Automatic	
	1. Auto Retry	Yes / No	
	2. Auto Answer	Yes / No	
	3. Distinctive Ring	Input phone number and select ring sound	3 distinctive ring
	4. DATA / FAX	Off / Fax until OFF / Data until OFF	
	5. Browser Prompt	None / At start / At exit / Always	

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2. **[Inbox]** Inbox **MENU** table

Level 1	Level 2	Level 3 & Remark
1. Text Messages		Confirm received message(s)
2. Voice Messages		Confirm voice message(s)
3. Create Message	1. Paging	
	2. Text	
4. UP Alert		Confirm up alert message(s)
5. Saved Messages		Confirm saved message(s)
6. Erase Messages	1. Text messages	Yes / No
	2. Voice messages	Yes / No
	3. Saved messages	Yes / No
	4. UP alert messages	Yes / No
	5. All messages	Yes / No

3. **[Book]** Phone book **MENU** table

Level 1	Remarks
1. Call History	Confirm calling number and time
2. Search by Loc	Search a phone number by memory location
3. Search by Char	Search a phone number by the first character of name
4. Search by Name	Search a phone number by name
5. Empty Location	Search empty memory location
6. My Number	Confirm own phone number
7. Service	10 of carrier specific service

4. [In-use] Call in progress **MENU** table
















Level 1	Remarks
1. Send my Number	When paging, send own number automatically
2. Scratchpad	Store the phone number without keypad tone
3. Mute	Mute microphone during a call

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■ Function description of Jennifer

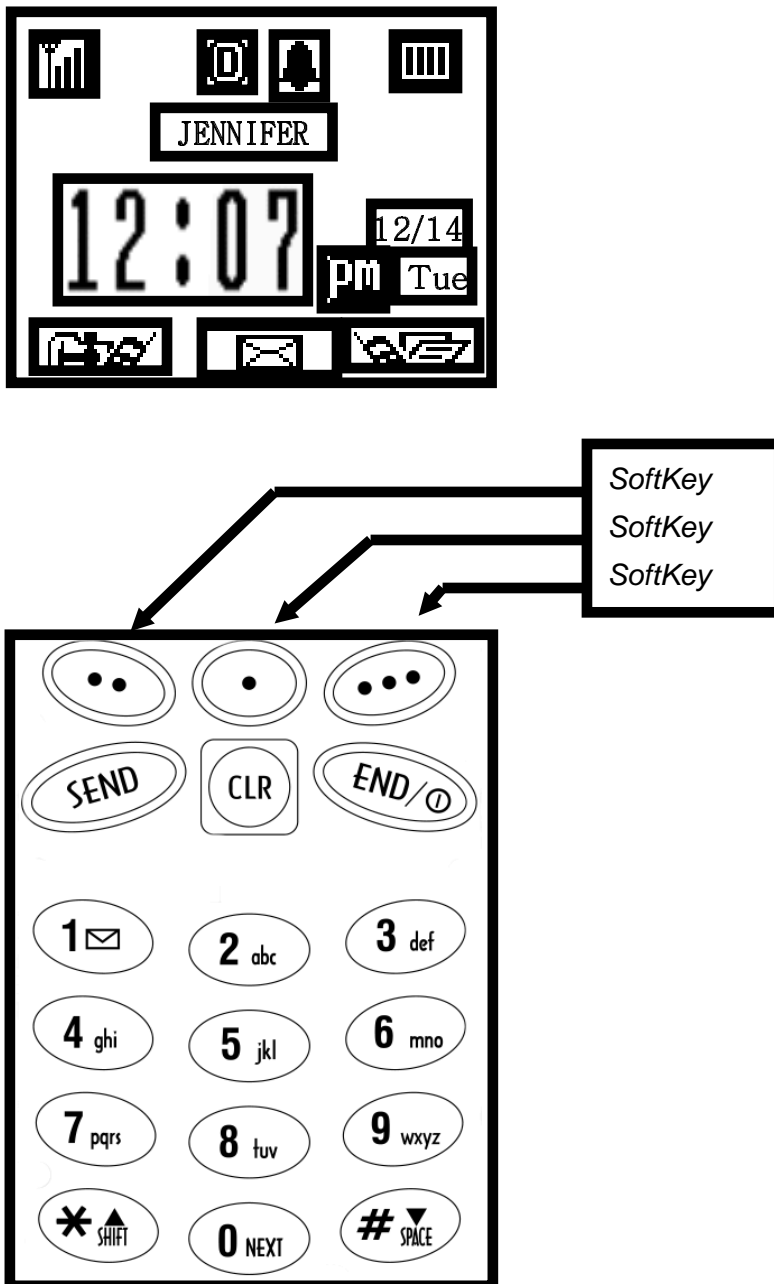
1 The basics before use

1.1 Icons

	Received Signal Strength Indicator		CDMA mode
	No service		A call is in progress
	Roaming indicator		Data service
	Text / Voice message(s) indicator		
	 Text mail indicator		Voice mail indicator
	Silent (manner) mode		Ring Only
	Ring after Vibrate		Vibrate Only
	Alarm		Battery charge indicator

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2 Basic functions



2.1 Power on

With the phone off, press and hold the **[END]** key.

2.2 Power off

With the phone on, press and hold the **[END]** key until the display shows the "Bye-Bye" animation.

2.3 Making a call

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2.3.1 Enter phone numbers include area code.

For your mistake in dialing, press **[CLR]** key to delete the last character or press and hold **[CLR]** key to clear the entire numbers.

2.3.2 Press **[SEND]**

For stored number phone book, the ID of the phone number displayed and the message of "Calling..." blinks.

2.3.3 With dialing phone number, press and hold the last digit of phone number.

2.4 Ending a call

Press **[END]**

2.5 Making the last call again

The last 10 numbers you dialed are stored in call history list. Use this list to redial a numbers you desired.

1) From the standby mode, press **[SEND]** key to access the call history list.

2) Scroll to the desired number.

3) Press **[SEND]** key.

※ To make the last call again, press and hold **[SEND]** key.

2.6 Answering a call

When someone calls, the phone alerts you, the call indicator flashes and the backlight blinks on the screen. To answer the call, press any key except **[END]** key and soft key 2. To mute the ring, press soft key 2 and **[END]** key.

2.7 To change the **MENU** screen

You can change the **MENU** screen to display **MENU** items in either icon or list form. To change the **MENU** screen to display either icon or list, select as **[MENU] + [5] + [7]**

■ Main **MENU**

This **MENU** allows you to access several options that you may to change.

Use the **[MENU]** key to scroll to **MENU** item. Press **[O.K]** or the number key matched.

1 Sound

Control each sound generated in your phone.

1.1 Ringer

This feature enables user to set a unique ringer type for incoming call.

[MENU] + [1] + [1]

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- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Sound' and press **[O.K]** Soft Key.
- Scroll to 'Ringer' and press **[O.K]** Soft Key.
- * Ring only / Vibrate only / Ring after vibrate

1.2 Ring type (sound generated on incoming call)

[MENU] + [1] + [2]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Sound' and press **[O.K]** Soft Key.
- Scroll to 'Ring type' and press **[O.K]** Soft Key.

* If your ringer option is 'Bell only' or 'Bell after vibration', your phone plays a ringing sound when someone calls you.

1.3 Key beep length

[MENU] + [1] + [3]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Sound' and press **[O.K]** Soft Key.
- Scroll to 'Key beep' and press **[O.K]** Soft Key.

* Short / Long

1.4 DTMF length

[MENU] + [1] + [4]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Sound' and press **[O.K]** Soft Key.
- Scroll to 'DTMF length' and press **[O.K]** Soft Key.

* Short /Long

* DTMF: Dual Tone Multiple Frequency

1.5 UP Alert Type

[MENU] + [1] + [5]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Sound' and press **[O.K]** Soft Key.
- Scroll to 'UP Alert Type' and press **[O.K]** Soft Key.

* Ring1 / Ring 2 / Ring 3 / Ring 4 / Vibration

2 Volume

Control the volume of your phone's bellow item volume.

2.1 Key volume

[MENU] + [2] + [1]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Volume' and press **[O.K]** Soft Key.

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- Scroll to 'Key volume' and press **[O.K]** Soft Key.

* 4 steps (Silent / Low / Medium / High)

2.2 Ringer volume

[MENU] + [2] + [2]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Volume' and press **[O.K]** Soft Key.
- Scroll to 'Ringer volume' and press **[O.K]** Soft Key.

* 4 steps (Off / Low / Medium / High)

* "Off": not emit ring sound and display "-Ringer Off-" text in screen.

* With phone standby mode, repeatedly press side volume keys. You will see the graphical indication as you change the volume level.

When desired ringer volume setting displays, stop pushing and the phone returns to standby mode. This is another method to set ringer volume.

2.3 Earpiece volume

Adjust volume emitted via earpiece in use.

[MENU] + [2] + [3]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Volume' and press **[O.K]** Soft Key.
- Scroll to 'Earpiece volume' and press **[O.K]** Soft Key.

* 3 steps (Low / Medium / High)

3 Alerts

3.1 Connect alert

The connection alert tone sounds when outgoing call connected to the system.

[MENU] + [3] + [1]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Alert' and press **[O.K]** Soft Key.
- Scroll to 'Connect alert' and press **[O.K]** Soft Key.

* Yes / No

3.2 Fade alert (When the signal is weak)

This fade alert tone sounds when call dropped (signal is faded in use).

[MENU] + [3] + [2]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Alert' and press **[O.K]** Soft Key.
- Scroll to 'Fade alert' and press **[O.K]** Soft Key.

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* Yes / No

3.3 Service alert (When service area is changed)

The service alert beep occurs when you leave a service area and when you enter a service area.

[MENU] + [3] + [3]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Alert' and press **[O.K]** Soft Key.
- Scroll to 'Service alert' and press **[O.K]** Soft Key.

* Yes / No

3.4 Minute alert (To alert you the talk time on every minute)

When you are on a call, the minute alert beep sounds when each minute passed.

[MENU] + [3] + [4]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Alert' and press **[O.K]** Soft Key.
- Scroll to 'Minute alert' and press **[O.K]** Soft Key.

* Yes / No

3.5 Roaming beep

This roaming beep sounds when roaming occurs.

[MENU] + [3] + [5]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Alert' and press **[O.K]** Soft Key.
- Scroll to 'Roaming beep' and press **[O.K]** Soft Key.

* Yes / No

3.6 UP Alert

This UP alert feature sounds when up message received.

[MENU] + [3] + [6]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Alert' and press **[O.K]** Soft Key.
- Scroll to 'UP Alert' and press **[O.K]** Soft Key.

* Yes / No

3.7 **SMS** Alert

This **SMS** alert sounds when text and voice message received.

[MENU] + [3] + [7]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Alert' and press **[O.K]** Soft Key.

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- Scroll to '**SMS** Alert' and press **[O.K]** Soft Key.

* Yes / No

4 Time

4.1 Last call

User can confirm and erase time of last call.

[MENU] + [4] + [1]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Time' and press **[O.K]** Soft Key.
- Scroll to 'Last call' and press **[O.K]** Soft Key.
- To delete the data, press [×] key (soft key 2).
- To come back to the previous mode, press [CLR] key.
- To exit to the standby mode, press **[END]** key.

* The last call time.

4.2 All calls

This feature is a total number of call and total call time since it reset (erased total number of call and total call time).

[MENU] + [4] + [2]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Time' and press **[O.K]** Soft Key.
- Scroll to 'Last call' and press **[O.K]** Soft Key.
- To delete the data, press [×] Soft key.
- To come back to the previous mode, press **[CLR]** key.
- To exit to the standby mode, press **[END]** key.

* Total call time.

4.3 Reserved call

This feature is can be used to remind user to call a certain person or phone number.

[MENU] + [4] + [3]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Time' and press **[O.K]** Soft Key.
- Scroll to 'Reserved call' and press **[O.K]** Soft Key.
- To set up the 'Reserved call' choose 'On' from the option and press **[O.K]** Soft Key.
- The current time and set time will display. Set the 'Set time' with number keys and soft key 2.
- If you store the data by pressing Soft Key, 'Enter Number'

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message will display.

- Input the phone number and store the number by pressing *Soft Key*.
- * When it is the reserved time, the phone is sounding alert for 1 minute and display blinking text 'Reserved call'. Press **[SEND]** to activate the reserved call. If you do not want to activate the reserved call, press **[END]** key.
- * After this feature done, the option of reserved call will be off.

4.4 Alarm

[MENU] + [4] + [4]

- Press **[MENU]** *Soft Key* on display screen.
- Scroll to 'Time' and press **[O.K]** *Soft Key*.
- Scroll to 'Alarm' and press **[O.K]** *Soft Key*.
- Enter the time and press **[O.K]** *Soft Key*.

* Off / Once / Everyday

- * When it is the alarm time, the phone is sounding alert for 1 minute and display blinking text "Alarm time!"

4.5 Anniversary

This anniversary feature can use to remind user to know a special day. On anniversary, the stored anniversary displays instead of banner. If not clearing the anniversary, it will display for 24 hours.

* Phone can have 10 anniversaries in memory.

[MENU] + [4] + [5]

4.5.1 View (To check the list stored)

[MENU] + [4] + [5] + [1]

- Press **[MENU]** *Soft Key* on display screen.
- Scroll to 'Time' and press **[O.K]** *Soft Key*.
- Scroll to 'Anniversary' and press **[O.K]** *Soft Key*.
- Scroll to 'View' and press **[O.K]** *Soft Key*.

* Yes / No

4.5.2 Add (To add data on the list)

[MENU] + [4] + [5] + [2]

- Press **[MENU]** *Soft Key* on display screen.
- Scroll to 'Time' and press **[O.K]** *Soft Key*.
- Scroll to 'Anniversary' and press **[O.K]** *Soft Key*.
- Scroll to 'Add' and press **[O.K]** *Soft Key*.

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- Enter date and press **[Save]** Soft Key.
- Enter name and press **[Save]** Soft Key.

4.5.3 Delete

[MENU] + [4] + [5] + [3]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Time' and press **[O.K]** Soft Key.
- Scroll to 'Anniversary' and press **[O.K]** Soft Key.
- Scroll to 'Delete' and press **[O.K]** Soft Key.
- Select anniversary what you want to delete in memory and press **[Delete]** Soft Key.

4.6 World time

Confirm present clock of each city over the world.

[MENU] + [4] + [6]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Time' and press **[O.K]** Soft Key.
- Scroll to 'World time' and press **[O.K]** Soft Key.
- Scroll to the city you want and press **[O.K]** key Soft Key.

* Phone has the time for 68 cities over the world.

4.7 Calendar

[MENU] + [4] + [7]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Time' and press **[O.K]** Soft Key.
- Scroll to 'Calendar' and press **[O.K]** Soft Key.

* Left **[Soft Key]**: previous month.

* Right **[Soft Key]**: next month.

* [*]: Previous year.

* [#]: Next year.

5 Display

5.1 Backlight

This Backlight feature can set up the time to illuminate for the specified seconds.

[MENU] + [5] + [1]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Display' and press **[O.K]** Soft Key.
- Scroll to 'Backlight' and press **[O.K]** Soft Key.

* 10 seconds / 20 seconds / 30 seconds / Always on / Always off

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5.2 Banner

[MENU] + [5] + [2]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Display' and press **[O.K]** Soft Key.
- Scroll to 'Banner' and press **[O.K]** Soft Key.
- To edit banner, press **[EDIT]** Soft Key.

* Banner displays the user banner for editing by user. The default banner is "GTRAN".

5.3 Contrast

Control display contrast.

[MENU] + [5] + [3]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Display' and press **[O.K]** Soft Key.
- Scroll to 'Contrast' and press **[O.K]** Soft Key.

5.4 Standby display

[MENU] + [5] + [4]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Display' and press **[O.K]** Soft Key.
- Scroll to 'Standby display' and press **[O.K]** Soft Key.

* Time preferred / Date preferred / Display MIN / Normal

5.5 Language

User can set handset to display in English, Spanish and Portuguese.

[MENU] + [5] + [5]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Display' and press **[O.K]** Soft Key.
- Scroll to 'Language' and press **[O.K]** Soft Key.

* English / Spanish / Portuguese

5.6 Version

[MENU] + [5] + [6]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Display' and press **[O.K]** Soft Key.
- Scroll to 'Version' and press **[O.K]** Soft Key.

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5.7 **MENU** display

User can set handset to display in icon or list **MENU** format.

[MENU] + [5] + [7]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Display' and press **[O.K]** Soft Key.
- Scroll to '**MENU** Display' and press **[O.K]** Soft Key.

* List / Icon

6 Mini Browser

The Mini Browser feature allows you to view Internet content specially designed for mobile phone interface. Access and selections within this feature are service provider-dependent.

For more information and documentation on Mini Browser services, refer to your carrier service provider.

[MENU] + [6]

7 Security

This handset provides many security options. To access the security **MENU** from standby mode, enter four-digit **Lock Code** (Default **Lock Code** is last four digit of phone number).

7.1 Auto lock

[MENU] + [7] + **Lock Code** + [1]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to 'Auto lock' and press **[O.K]** Soft Key.

* Never / At power on / Now

* If handset locked, operation of phone is not possible, except for dialing out emergency numbers.

7.2 Emergency

[MENU] + [7] + **Lock Code** + [2]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to 'Emergency' and press **[O.K]** Soft Key.
- Enter emergency number and press [EDIT] key Soft Key.

* Emergency #1 / emergency #2 / emergency #3

* Emergency call can be activated even the phone is locked or call

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restricted.

7.3 Lock call history

[MENU] + [7] + Lock Code + [3]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to 'Lock call hist.' and press **[O.K]** Soft Key.

* Yes / No

7.4 Erase Numbers

[MENU] + [7] + Lock Code + [4]

7.4.1 Clear call history

[MENU] + [7] + Lock Code + [4] + [1]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to 'Erase Number' and press **[O.K]** Soft Key.
- Scroll to 'Clear calls' and press **[O.K]** Soft Key.

* Yes / No

7.4.2 Clear all dials

[MENU] + [7] + Lock Code + [4] + [2]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to 'Erase Number' and press **[O.K]** Soft Key.
- Scroll to 'Clear All Dial' and press **[O.K]** Soft Key.

* Yes / No

7.4.3 Clear emergency call

[MENU] + [7] + Lock Code + [4] + [3]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to 'Erase Number' and press **[O.K]** Soft Key.
- Scroll to 'Clear Emergen.' and press **[O.K]** Soft Key.

* Yes / No

7.4.4 Clear all

[MENU] + [7] + Lock Code + [4] + [4]

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- Press **[MENU]** Soft Key on display screen.
 - Scroll to 'Security' and press **[O.K]** Soft Key.
 - Enter **Lock Code**.
 - Scroll to 'Erase Number' and press **[O.K]** Soft Key.
 - Scroll to 'Clear all' and press **[O.K]** Soft Key.
- * Yes / No

7.5 Restrict

[MENU] + [7] + Lock Code + [5]

7.5.1 Outgoing call

[MENU] + [7] + Lock Code + [5] + [1]

- Press **[MENU]** Soft Key on display screen.
 - Scroll to 'Security' and press **[O.K]** Soft Key.
 - Enter **Lock Code**.
 - Scroll to 'Restrict' and press **[O.K]** Soft Key.
 - Scroll to 'Originate call' and press **[O.K]** Soft Key.
- * Yes / No

* Restrict out going call, except emergency call.

7.5.2 Store numbers

With this feature on (restricted), it is impossible to edit, save and delete number.

[MENU] + [7] + Lock Code + [5] + [2]

- Press **[MENU]** Soft Key on display screen.
 - Scroll to 'Security' and press **[O.K]** Soft Key.
 - Enter **Lock Code**.
 - Scroll to 'Restrict' and press **[O.K]** Soft Key.
 - Scroll to 'Store Numbers' and press **[O.K]** Soft Key.
- * Yes / No

7.5.3 One-touch dial

[MENU] + [7] + Lock Code + [5] + [3]

- Press **[MENU]** Soft Key on display screen.
 - Scroll to 'Security' and press **[O.K]** Soft Key.
 - Enter **Lock Code**.
 - Scroll to 'Restrict' and press **[O.K]** Soft Key.
 - Scroll to 'One-touch dial' and press **[O.K]** Soft Key.
- * Yes / No

7.5.4 Incoming call

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[MENU] + [7] + Lock Code + [5] + [4]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to 'Restrict' and press **[O.K]** Soft Key.
- Scroll to 'Receive call' and press **[O.K]** Soft Key.

* Yes / No

7.6 New **Lock Code**

[MENU] + [7] + Lock Code + [6]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to 'New **Lock Code**' and press **[O.K]** Soft Key.
- Enter new **Lock Code** and press **[Save]** Soft Key.
- Enter new **Lock Code** again and press **[Save]** Soft Key.

* Change new **Lock Code**.

7.7 Factory initialization

[MENU] + [7] + Lock Code + [7]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to 'Initialization' and press **[O.K]** Soft Key.

* No / Yes

* This feature reset the phone to original factory settings, with the exception of the phone memory.

7.8 Send PIN

This feature prevents handset from used by unauthorized persons.

[MENU] + [7] + Lock Code + [8]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to 'Send PIN' and press **[O.K]** Soft Key.

* Never / Prompt

* PIN: Personal Identification Number

* Handset **Lock Code** that is user settable.

7.9 **NAM** Selection

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This handset can store two **NAM** (**NAM** stands for Number Assignment Module – essentially your telephone number)

[MENU] + [7] + Lock Code + [9]

7.9.1 Set **NAM**

[MENU] + [7] + Lock Code + [9] + [1]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to '**NAM** Selection' and press **[O.K]** Soft Key.
- Scroll to 'Set **NAM**' and press **[O.K]** Soft Key.

* **NAM 1 / NAM 2**

7.9.2 Auto **NAM**

[MENU] + [7] + Lock Code + [9] + [2]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Security' and press **[O.K]** Soft Key.
- Enter **Lock Code**.
- Scroll to '**NAM** Selection' and press **[O.K]** Soft Key.
- Scroll to 'Auto **NAM**' and press **[O.K]** Soft Key.

* Yes / No

8 System

The items on this **MENU** enables you to set network options.

8.1 Select System

This feature of your phone enables you to choose how your phone will roam.

[MENU] + [8] + [1]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'System' and press **[O.K]** Soft Key.
- Scroll to 'Select System' and press **[O.K]** Soft Key.

* Standard / A only / B only / HOME only

* Standard – This is typically the default setting, which allows the phone to search for and acquire the preferred service. With this setting, your phone will always try your calls using your home system.

* A Only – In wireless service area, there are usually two service providers that are referred to as A and B. With this setting, you will only be able to roam in the "A" network or system.

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- * B Only – This works just like the “A Only” setting except you will only be able to roam in the “B” network or system.
- * Home Only – With this setting, you cannot roam. If your home system is not available, then your call will not connect and No Service indicator displayed.

8.2 Select Mode

This feature selects mode (digital or analog) which your phone operating.

[MENU] + [8] + [2]

- Press **[MENU]** Soft Key on display screen.
- Scroll to ‘System’ and press **[O.K]** Soft Key.
- Scroll to ‘Select Mode’ and press **[O.K]** Soft Key.

* CDMA only / Analog only / Temp analog / Automatic

9 Features

9.1 Auto retry

[MENU] + [9] + [1]

- Press **[MENU]** Soft Key on display screen.
- Scroll to ‘Features’ and press **[O.K]** Soft Key.
- Scroll to ‘Auto Retry’ and press **[O.K]** Soft Key.

* Yes / No

* Automatic redial when system busy. When receiving party is on line, auto retry does not work.

9.2 Auto answer

[MENU] + [9] + [2]

- Press **[MENU]** Soft Key on display screen.
- Scroll to ‘Features’ and press **[O.K]** Soft Key.
- Scroll to ‘Auto Answer’ and press **[O.K]** Soft Key.

* Yes (after 5 seconds) / No

* The user can configure an incoming call to answer automatically in 5 seconds.

* While this feature set, standby screen display “Auto-Answer On”.

9.3 Distinctive ringing

[MENU] + [9] + [3]

- Press **[MENU]** Soft Key on display screen.
- Scroll to ‘Features’ and press **[O.K]** Soft Key.
- Scroll to ‘Distinct. Ring’ and press **[O.K]** Soft Key.

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- Enter phone number and press **[Save]** Soft Key.
- Scroll to ring sound you want and press **[Save]** Soft Key.
- You can set the distinctive ring 2 and distinctive ring 3 as repeat these steps.
- * Distinctive ring 1 / Distinctive ring 2 / Distinctive ring 3
- * Phone has the ability to provide distinctive rings for specific incoming caller numbers.
- * This feature can be user-programmable.

9.4 Data / Fax

[MENU] + [9] + [4]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Features' and press **[O.K]** Soft Key.
- Scroll to 'DATA/FAX' and press **[O.K]** Soft Key.
- * Off / Fax until OFF / Data until OFF

9.5 Browser Prompt

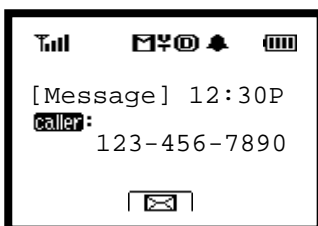
Each time you start the Mini Browser, you will view a reminder that you will bill for the connection time. You have the option to change and when this reminder message appears.

[MENU] + [9] + [5]

- Press **[MENU]** Soft Key on display screen.
- Scroll to 'Features' and press **[O.K]** Soft Key.
- Scroll to 'Browser Prompt' and press **[O.K]** Soft Key.
- * None / At start / At exit / Always
- * None - You will never see the prompt.
- * At start – You will see the prompt only when you enter the browser.
- * At exit - You will see the prompt only when you exit the browser.
- * Always - You will prompt when you enter or exit the browser.

■ Inbox (**S**hort **M**essage **S**ervice)

This phone can send short message or numeric page and receive four kind of messages, such that Voicemail notification, short text, numeric pages and Mini browser messages.



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1 To read text messages

[Inbox] + [1]

- Press **[Inbox]** Soft Key on display screen. If there are unread new message the new message indicator and number of message are displayed,
- Scroll to 'Text messages' and press **[O.K]** Soft Key.
- Scroll to desired message and press **[O.K]** Soft Key.

When you receive a new text message, a series of short tones heard and LED lamp is blinking.

1.1 When you receive a new text message, display as follow.

- * Message type, received time and caller ID appeared.
- * If there is caller ID, and then you can make a call press **[SEND]** key.
- * Text can be stored up to 21 messages, depending on the length of the messages. If no more memory space, cannot receive any more text message.
- * If you want to read now this new message, press **[Inbox]** Soft Key.

1.2 To erase text or page.

When you read text or page message, press **[Erase]** Soft Key.

2 To listen to your voice messages

When you receive voice message notification, LED lamp is blinking and inbox tone is generating

2.1 To confirm voice mail notification

[Inbox] + [2]

- Press **[Inbox]** Soft Key on display screen.
- Scroll to 'Voice Message' and press **[O.K]** Soft Key.
- * Message type ([Voice]), received time and caller ID displayed.

2.2 To listen to voice mail messages

Make a call to voice mail center. This phone provides one-touch voice mail feature. As press and hold [1] key, you can call to voice mail center easily.

3 To create message

This phone is able to send text and page message. You compose text message and set up some parameter.

3.1 To send page

[Inbox] + [3] + [1]

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- Press **[Inbox]** Soft Key on display screen.
- Scroll to 'Create Message' and press **[O.K]** Soft Key.
- Scroll to 'Paging' and press **[O.K]** Soft Key.
- Enter number to page and press **[O.K]** Soft Key.
- Enter number of your page and press **[O.K]** Soft Key.
- Scroll to the save/send option your desired and press **[O.K]** Soft Key.

3.2 To send text message

[Inbox] + [3] + [2]

- Press **[Inbox]** Soft Key on display screen.
- Scroll to 'Create Message' and press **[O.K]** Soft Key.
- Scroll to 'Text' and press **[O.K]** Soft Key.
- Compose text message and press **[O.K]** Soft Key.
- Enter number to send and press **[O.K]** Soft Key.
- Enter call back number and press **[O.K]** Soft Key.
- Select priority and press **[O.K]** Soft Key.
- Scroll to the save/send option your desired and press **[O.K]** Soft Key.

4 UP Alert message

This feature allows you to confirm Mini browser messages received.

[Inbox] + [4]

- Press **[Inbox]** Soft Key on display screen.
- Scroll to 'UP Alert Message' and press **[O.K]** Soft Key.

5 To review saved messages

You can review composed text and sent page before. In addition to edit, erase and send again.

[Inbox] + [5]

- Press **[Inbox]** Soft Key on display screen.
- Scroll to 'Saved Messages' and press **[O.K]** Soft Key.
- To confirm message more detail, press **[VIEW]** Soft Key

6 To erase messages

You can erase a text message, numeric page or Mini browser message after reviewing it, or erase all stored messages in your Inbox at one time.

6.1 To ease text message

[Inbox] + [6] + [1]

- Press **[Inbox]** Soft Key on display screen.

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- Scroll to 'Erase Message' and press **[O.K]** Soft Key.
- Scroll to 'Text Message' and press **[O.K]** Soft Key.

* Yes / No

6.2 To ease voice message

[Inbox] + [6] + [2]

- Press **[Inbox]** Soft Key on display screen.
- Scroll to 'Erase Message' and press **[O.K]** Soft Key.
- Scroll to 'Voice Message' and press **[O.K]** Soft Key.

* Yes / No

6.3 To ease UP alert message

[Inbox] + [6] + [3]

- Press **[Inbox]** Soft Key on display screen.
- Scroll to 'Erase Message' and press **[O.K]** Soft Key.
- Scroll to 'UP Alert Message' and press **[O.K]** Soft Key.

* Yes / No

6.4 To ease saved message

[Inbox] + [6] + [4]

- Press **[Inbox]** Soft Key on display screen.
- Scroll to 'Erase Message' and press **[O.K]** Soft Key.
- Scroll to 'Saved Message' and press **[O.K]** Soft Key.

* Yes / No

6.5 To erase all messages

[Inbox] + [6] + [5]

- Press **[Inbox]** Soft Key on display screen.
- Scroll to 'Erase Message' and press **[O.K]** Soft Key.
- Scroll to 'All Messages' and press **[O.K]** Soft Key.

* Yes / No

■ Phone book function

※ To store number (maximum 196)

Enter number + **[Save]** + enter name + **[Save]** + input location + add another number? + **[Save]** + make secret? + **[O.K]**

- In idle main screen, enter the number and press **[Save]** Soft Key.
- Enter name and press **[Save]** Soft Key.
- Input location address. If **[Save]** pressed without location address, the number will be stored at empty location automatically.
- Add another number and press **[Save]** Soft Key.

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(Another phone number can add when first number is less than 16 digits).

- Select “Yes” or “No” for secret and press **[O.K]**. (If you select “Yes”, enter **Lock Code** to confirm hidden phone number.)

1 Call history

[Book] + [1]

- Press **[Phonebook]** Soft key.
- Scroll to “ Call history” and press **[O.K]** Soft Key.
- If there are call history, scroll to what you want and press **[O.K]** Soft Key.
- Press **[time]** Soft Key and you can view detail information.
- At previous step, press **[Save]** Soft Key and you can store the number.

* This feature provides a list of 10 calls; the user can dial a given number in call history by pressing **[SEND]**.

2 Search by location

[Book] + [2]

- Press **[Phonebook]** Soft Key.
- Scroll to “Search by loc” and press **[O.K]** Soft Key.
- Input the first digit of location number and press **[FIND]** Soft Key. Then the screen will display all names stored in that location band (e.g. Location number “1” to show “10~19” located names.). If you entered 2 digits location number, you can confirm information-name and phone number- of the location number.
- Scroll to phone number desired and press **[O.K]** Soft Key.
- If there is hidden number, press **[View]** Soft Key and enter **Lock Code**.

* The user can search phone number by entering a specific memory location and edit the searched number and name. The user can dial the searched number in call history by pressing **[SEND]**.

3 Search by character

[Book] + [3]

- Press **[Phonebook]** Soft key.
- Scroll to “Search by char” and press **[O.K]** Soft Key.
- Input the first letter of name and press **[O.K]** Soft Key.
- Scroll to name you want and press **[O.K]** Soft Key.

* The user can search phone number with first character of name by the first character. The phone displays the list of name and phone number that matched with the first character of name. The user can edit the

FCC Part 22 Certification Check List

searched name and phone number. The user can dial the searched number by pressing **[SEND]** key.

4 Search by name

[Book] + [4]

- Press **[Phonebook]** Soft key.
- Scroll to “Search by name” and press **[O.K]** Soft Key.
- Enter name and press **[Save]** Soft Key.

* User can search phone number by input the full name or partial name.

The user can edit the searched phone number name dial the searched number by pressing **[SEND]** key.

5 Empty location

[Book] + [5]

5.1 Empty location

- Press **[Phonebook]** Soft key.
- Scroll to “Empty location” and press **[O.K]** Soft Key.
- Input the first digit you want to search location addresses and press **[FIND]** Soft key.
- Empty location will display.

5.2 To store phone number after search empty location

- Scroll to location address you want and press **[Save]** Soft Key.
- Input the number and press **[Save]** Soft Key.

6 My number

[Book] + [6]

- Press **[Phonebook]** Soft key.
- Scroll to “My Number” and press **[O.K]** Soft Key.

* User can confirm the own number.

7 Service

[Book] + [7]

- Press **[Phonebook]** Soft key.
- Scroll to “Service” and press **[O.K]** Soft Key.
- There are 10 specific services. Scroll to service you want and press **[O.K]** Soft Key.
- If you want to make a call, press **[SEND]** key.

* This feature displays a list of carrier specific-services available, and the user can dial by pressing **[SEND]** key.

- Call-in-progress **MENU** function

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- 1 Send my number
 - Press **[MENU]** Soft Key in use.
 - Scroll to “Send My Number” and press **[O.K]** Soft Key.
 - * When paging, send my number automatically.
- 2 Scratchpad
 - Press **[MENU]** Soft Key in use.
 - Scroll to “Scratchpad” and press **[O.K]** Soft Key.
 - Input the number and press **[Save]** Soft Key.
 - To release scratchpad, press **[EXIT]** soft key.
 - * You can store the phone number without keypad tone. (The phone will be stored in call history.)
- 3 Mute
 - Press **[MENU]** Soft Key in use.
 - Scroll to “**Mute**” and press **[O.K]** Soft Key.
 - To release mute, press **[Unmute]** Soft Key.
 - * This feature is to mute the microphone during a call, and repeating again will unmute it.
- Specific features
 - One touch dialing
Press and hold the one key of [2] ~ [9].
 - Two touch dialing
Press shortly first digit and long press second digit.
 - Making a call from memory location
Press **[Book]** + [2] + memory location + **[SEND]**.
 - Pause
Press **[Pause]** and select one after entered number more than 1, scroll to pause and hyphen you want.
Hard pause / Time pause / Hyphenation
 - Silent function (no sound and tone)
Press and hold [*] key, and silent mode will set or release.
 - * Quick silent mode change
Press and hold [*] key in idle state and the silent mode will enable and disabled.
 - Bell / Vibration -> Vibration only
 - Key volume -> Off
 - Connect alert -> Off

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- Fade alert -> Off
- Service alert -> Off
- Minute alert -> Off
- Reserved call / Alarm sound -> vibration
- Inbox alert -> silent

* Power on again, recovers to the previous state.

- Ear phone function

On connecting earphone jack, if you press and hold the button in earphone, you can make a call originated the last. To end a call, press **[END]** or simply press the button in earphone mike assembly.

- Quick handset lock

Press and hold [#] key in idle state and the handset will lock and unlocked. If you release the phone locked, enter the **Lock Code**.

- One touch voice mail access

Press and hold [1] key and can access voice mail center directly.