

EC2500 CDMA Mobile Phone User Guide

Rev 1.1

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Wireless Development Division

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Revision History

- Revision 1.0 (author: Jared Crane, July 21, 1999)
 - creation of this document
- Revision 1.1 (David Hill, 15 October, 1999)
 - Correct typos, Delete descriptions of non-functional features, Add feature descriptions that were omitted.

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SAR Compliance Statement

This device has been evaluated for compliance with the FCC RF exposure requirements for equipment held in close proximity to the head. This device **has not** been evaluated for body-worn exposure requirements associated with operation of the device with a belt clip or holster. Use of non-tested body-worn accessories may violate FCC RF exposure requirements and should be avoided.

1.0 The Basics

Note: The term “the home screen” used in this manual refers to the character display which appears immediately after powering on the phone.

1.1 Switching On/Off

Press and hold the **POWER/END** key for one second to switch the phone on or off.

1.2 Making a Call

Enter the area code + number then press the **SEND** key. Check with your operator to see if you must enter the area code. If you make a mistake dialing, press **CLR** to erase digits one by one. Press and hold **CLR** to clear the entire display. Once the **SEND** key has been pressed, “**Dialing...**” will be displayed on line one of the display and the number being called will be on line two. Once a connection has been made the call timer will be displayed and continue to increment as seconds pass.

1.3 Ending a Call

Press **END**

1.4 Answering a Call

Press any key to answer the call.

When there is an incoming call, the phone rings and flashes “**Call**” on line one of the display and the caller id on line two.

1.5 Auto-answering

In addition to **Press Any Key Answering**, the phone will automatically answer an incoming call after four rings. The number of rings before answering can be modified by pressing **MENU**, then using the **Down Arrow** key to highlight the **SETUP** menu selection, pressing **OK**, then highlighting **Auto Answer**, pressing **OK**, then entering the desired number of rings, then pressing **OK**. Entering “**0**” for the number of rings will disable **Auto-answering**.

1.6 Last Number Redial

Press **SEND**, **SEND**

The first send will display the recent dialed list and the second will dial the last number called.

1.7 Speed Dial

Press the number location (1-99) in the directory, then press **SEND**. If the location is empty a message will be displayed to that effect.

1.8 “9” Key Emergency Dialing

Press the **9** key and hold it for 3 seconds. The phone will dial 911.

Note: Does NOT work if Keypad is locked.

1.9 Locking the keypad

Press **Menu** and hold it until **Keypad Locked** appears on the display. To deactivate keypad lock, press **Menu** then **End**.

1.10 Mute

While in a call, press the **Message** (envelope symbol, between **Menu** and **Dir**) and hold it until “**MUTE**” appears on the display. Press and hold **mail** again to stop the mute.

2.0 Features

2.1 Setting the banner

While in the home screen, press **MENU** key. Next press **2** key (for "Display"). Then press **1** key (for "Banner"), use the keypad to enter the desired banner text (press the key quickly to change the letter, ie press **2** key quickly to produce a ‘b’). When satisfied, press **OK** to store the banner.

The phone should return to the home screen and display the new banner.

2.2 Adjust the ear speaker volume

While in the home screen, press the **MENU** key. Next press **5** (for "Setup"). Then press **1** (for "Ear Vol"). You may then use the arrow keys to adjust the volume. Finally press the **OK** key to store the new volume setting.

2.3 Adjust the ringer volume

While in the home screen, press the **MENU** key. Next press **1** (for "Ring"). Then press **1** (for "Volume"). You may then use the arrow keys to adjust the volume. Using the **up** and **down** keys will allow you to hear the setting as you adjust. While the **left** and **right** keys allow you to adjust the ringer volume without the ringer sounding. Finally, press the **OK** key to store the new ringer volume setting.

2.4 Recent Dialed List

The **Recent** dialed list contains the last 10 numbers dialed. It is accessed from the home screen by pressing the **SEND** key. Then you can press the key corresponding to the item number in the list. The list will contain a name if the number is in the Directory. You may also use the **arrow** keys to select the number then press **SEND** to dial it.

2.5 Enter Directory items

While in the home screen, press the **Dir** key then press the **3** key (for "Insert"). Next, use the keypad to enter the name and phone number (such as: name is Peter, and number is 12345). Use the down arrow to move to the number line. Next, Press **OK** to store the new name and number.

2.6 Changing Directory items

From the home screen press the **Dir** key, next press the **1** key (for display "**By Name**") or the **2** key (for display "**By Loc**"). Now you can use the **arrow** keys to select the Name you would like to call and press **OK**. Then, edit item and press **OK** when finished.

2.7 Scratch pad usage while in call

Enter a number (e.g. 1234567890), press and hold the **DIR** key for at least 3 seconds then release it. The number will be added to the top of the list.

2.8 Dialing from the Scratch Pad

From the home screen press the **Dir** key, next press the **4** key (for display "**ScratchPad**"). Now you can use the **arrow** keys to select the number you would like to call and press **SEND**.

2.9 Dialing a "Manual Pause" and "Timed Pause"

Pressing the "*" key and holding it when entering a number will produce a "P" and if held longer a "p". The "P" is a Manual Pause, this requires that the user press the **SEND** key to continue dialing. A "p" represents a **Timed Pause**, which will cause the phone to pause before continuing to dial.

2.10 Battery Voltage Indicator

The LCD display's battery icon provides an approximate indication of the battery's charge level.

2.11 Received Signal Strength

The LCD display's antenna icon provides an approximate indication of the received signal strength.

3.0 Alpha Entry

The table below shows the corresponding character displayed after pressing a key multiple times while in **alpha entry mode (Name in Directory)**.

Key	One Press	Two Presses	Three Presses	Four Presses	Five Presses
1	1				
2	A	B	C	2	
3	D	E	F	3	
4	G	H	I	4	
5	J	K	L	5	
6	M	N	O	6	
7	P	Q	R	S	7
8	T	U	V	8	
9	W	X	Y	Z	9
0	Space	0			
#	Space				
Menu	Special Chars				

4.0 Sending DTMF

4.1 Manually Sending Tones

Pressing the keys during a call sends “**Touch Tones**”. Make a call in the usual way (e.g. to your bank's computer phone number). Manually enter the digits to be sent as “**Touch Tones**” (e.g., your bank account number and password).

4.2 Automatically Sending Touch Tones

To automatically send touch-tones, store the touch tone sequence after the access phone number separated by a “**pause**” [see section 2.11] character. Store “pauses” between touch tone digits to be sent (a “pause” cannot be stored as the first special character). For details on storing “pause” characters, see section 2.11. Here is an example of a number you could store in your phone. This number contains a phone number (18005551212), a manual pause character, an access number (“1234”), a timed pause, and a password (“1212”).

1800555P1234p1212

When you recall this number from memory and press **SEND**, the phone dials 18005551212 (the stored number). The phone will then wait for you to manually press **SEND** before continuing to dial the rest of the number. Once **SEND** is pressed the phone then dials the 1234, pauses for one second (timed pause), then continues, dialing 1212.