
CDMA Cellular Wireless Phone

User Guide



Read this manual carefully before operating the instrument.

Ver 1.0

CONTENTS

<u>INTRODUCTION</u>	<u>4</u>
<u>IMPORTANT INFORMATION</u>	<u>5</u>
<u>DO'S & DON'TS</u>	<u>6</u>
<u>VIEWS</u>	<u>8</u>
<u>PHONE FUNCTIONS AND FEATURES</u>	<u>9</u>
<u>INSTALLATION</u>	<u>18</u>
<u>BASIC OPERATIONS</u>	<u>20</u>
<u>MENU FUNCTION</u>	<u>25</u>
<u>MENU STRUCTURE.....</u>	<u>25</u>
<u>MENU DESCRIPTION</u>	<u>29</u>
<u>DATA SERVICES.....</u>	<u>43</u>

APPENDIX A: TEXT INPUT METHOD GUIDE51

APPENDIX B: PRODUCT SPECIFICATION.....51

APPENDIX C: CHARGER SPECIFICATION52

APPENDIX D: PACKING LIST52

INTRODUCTION

Congratulations on your purchase of the CDMA Cellular Wireless Phone (Hereinafter referred to as Phone). The Phone has been designed to operate with the latest digital communication technology, Code Division Multiple Access (CDMA). The CDMA technology has many advanced features and provides an excellent voice quality

The Phone has advanced features as follows:

- Large, easy to read, backlit LCD with status icons
- Choice of 15 ring sounds, Power On/Off
- Two Way SMS, Voice Mail and caller ID
- Large ergonomically designed Keyboard
- Long Battery stand-by and talk time
- Menu driven interface for easy operation and configuration
- Last Number Redial
- Adjustable ring and voice volume
- AC Power Supply
- Indoor and Outdoor Antenna
- Speaker Phone
- CDMA technology allows privacy of the call
- Optional accessories available for greater convenience and enhanced functionality
- Easy Service and Repair
- Subscriber Call Charge Meter

IMPORTANT INFORMATION

This user guide provides information on the use and operation of your phone. Kindly read all the information contained in this user guide carefully prior to using the phone. This will help you in getting the best performance and shall prevent any unintended damage to the phone. Check the contents of the box as per the packing list and report any discrepancies immediately to the store from where phone has been purchased.

DO'S & DON'TS

- Do not clean the phone while in operation. Before attempting to clean the Phone, turn the Phone off, disconnect the external power adapter and take out the battery or disconnect the external power supply if used. Before moving the Phone, disconnect the external power adapter or power supply in use. Use a Damp cloth for cleaning. Do not use liquid or aerosol cleaners.
- Do not hold the antenna. This may affect call quality and cause telephone to operate at unintended power levels.
- Keep the antenna free from obstructions and position the antenna straight up. This will ensure best call quality.
- Do not use a damaged antenna. Have this replaced through a qualified technician. Use only antenna approved by the manufacturer. Unapproved antenna may impair the call quality as well as cause damage to the phone.
- **Only use the battery and the power adapter or the Power Supply provided with the Instrument. The instrument might get damaged if any other accessories are used. This will also void the warranty.**
- It is highly recommended to charge the battery before initial use. The battery might have been discharged during storage and delivery.
- Do not use with car battery. It may lead to electric shock or breakdown.
- Do not throw battery. Batteries are not to be disposed off by putting them in fire. It may explode or catch fire.
- Do not attempt to change the security codes or components. User is responsible for any consequences arising out of such attempt.
- Avoid Shock or Impact. Rough handling can cause damage to the body as well as internal circuits.
- Do not paint.
- During lightening, do not touch power plug or phone line. This can cause electric shock or death. Do not touch the external antenna.

-
- Your phone is to work with 90-300 V AC. Check the voltage before connecting.
 - Do not plug many power cords in the outlet.
 - Do not touch the plug with wet hands. Always grasp and pull the plug, not the cord. Do not put heavy things on the power cord or bend it too much.
 - Do not take out the backup battery without the guide of qualified service personnel.
 - If the unit is not working for any reason, do not attempt to repair the Instrument. The Instrument should be serviced by qualified service personnel only.
 - Place the Instrument and the power supply in a properly ventilated place. Do not place the Instrument near high temperature objects, under direct sunlight, near source of water, near fire or near inflammable and explosive materials.
 - Do not place any articles over the instrument.
 - Place the Instrument in a dry place and do not expose to moisture.
 - Place the Instrument away from other electronic devices like TV and Radio to avoid interference.
 - For a better reception, do not place the Instrument in a building with iron or metal roof. Hospitals or health care facilities may be using equipment sensitive to Radio Frequencies. Please ensure that your phone is turned off while in the vicinity of such facilities.
 - Do not use the unit in designated “No Cellular Phone Use” area



Phone: (1) The Base Instrument, (2) Handset,
(3) Handset Cord, (4) Indoor Antenna

Note: The legends on picture shown may not be same as per the actual model.

PHONE FUNCTIONS AND FEATURES

Your phone provides following functions and features

High Quality Voice Services

- Making calls, receiving calls.
- Vocoder 13K QCLELP, 8K EVRC
- Handsfree Operation

Data Services

- Circuit switched data services: comply with IS707A.4, support asynchronous data service such as PC modem, data G3 fax.
- Packet data services: comply with IS707A.5, support 153kbps dual links for Internet.

Short Message Service (SMS)

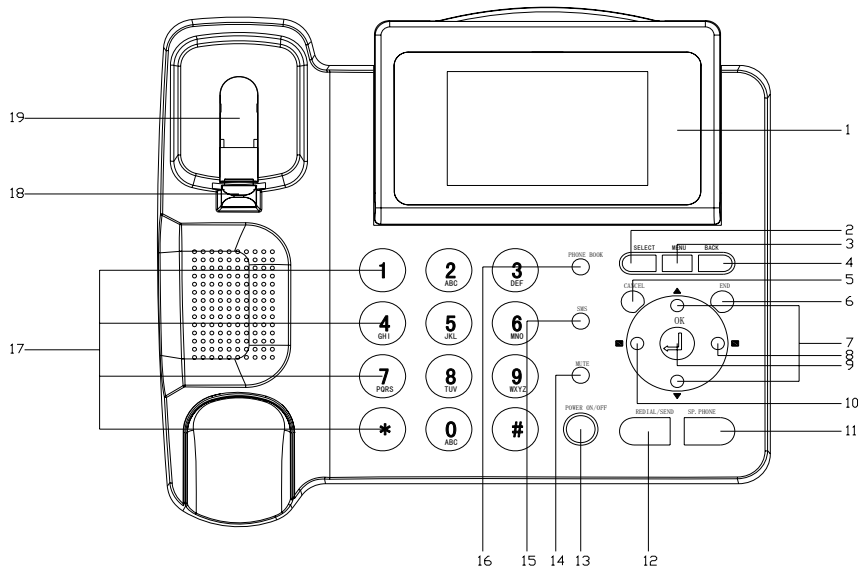
- SMS in English: supports write, read, send, save, receive, delete, reply and forward.

Phone Features

- **Language Support:** English
- **Phone Book:** Supports 200 entries
- **Recent call records:** lists numbers of last 20 outgoing calls, 10 last incoming calls and 10 last missed calls.
- **Phone setup:** includes backlighting, ring tones and tones volume, speech volume, key press volume
- **Various alerts:** recharging prompt, low voltage, SMS prompt, key press, and minute alert during the call.
- **Ring tones:** Minimum 15 chord sound
- Incoming Call Display

-
- Various **Call Forward** (Unconditional Call Forward, No response forward, Busy forward) and call waiting.
 - Mute

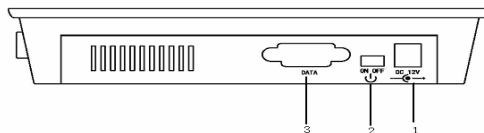
Phone Description



TOP VIEW OF THE PHONE

- | | |
|-----------------------|----------------------------|
| 1) LCD Display | 2) SELECT/CONFIRM Key |
| 3) MENU Key | 4) BACK Key |
| 5) CANCEL Key | 6) END Key |
| 7) UP/DOWN Key | 8) RIGHT Key |
| 9) OK/Confirm Key | 10) LEFT Key |
| 11) SP.PHONE Key | 12) REDIAL Key |
| 13) POWER ON/OFF Key | 14) MUTE Key |
| 15) SMS Key | 16) PHONE BOOK Key |
| 17) ALPHANUMERIC Keys | 18) Handset Retaining Clip |

19) Hook Switch

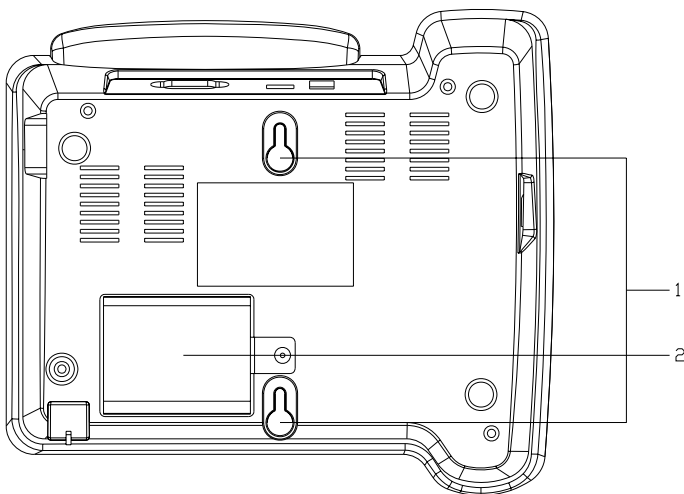


Back Panel View

1) DC 12V(Power Jack)

2) ON/OFF(Phone)

3) DATA



BOTTOM VIEW OF THE PHONE

1) Wall Mount Hook

2) Internal Battery Cover



LCD Display

1) Digital Mode Indicator

The icon  will be displayed when the phone is in digital mode. The icon  will be displayed when the phone is in analog mode.

2) Received Signal Strength Indicator (RSSI)

RSSI indicator indicates the signal strength in the service area. Received

Signal is displayed as 1 to 4 indicator () bars according to the signal strength. When only  is displayed on the screen, Phone is still on the network but the received signal is very weak; When  is not displayed on the screen and  appears, the Phone is not connected to the network and calls cannot be made implying No Service.

3) Call Connected Indicator

The icon  will be displayed when the phone is calling.

4) Roaming Indicator

The icon  will be displayed when the phone is in roaming area.

5) Voice Call Indicator

The icon  will be displayed when the voice call is received.

6) Message Indicator

 will be displayed when a new message is received. Once the received message is read, the indication will disappear. In case the INBOX is full, the indicator  will flash prompting you to delete some messages.

7) Mode Indicator (Including Voice Mode, Fax in once Mode, Fax in always mode, data in once mode and data in always mode)

This icon  will be displayed when the phone is set to voice call mode. In this mode the phone can receive the incoming calls and make outgoing calls.

The icon  will be displayed when the phone is set to fax in once mode. In this mode the phone can receive only incoming fax call. After it receives one fax call, the phone will go to voice call mode. In case the phone is reset (power on), the phone will go to voice call mode.

The icon  will be displayed when the phone is set to fax in always mode. In this mode the phone can receive only incoming fax calls. The phone will not go to voice call mode until user changes the setting. In case the phone is reset (power up), the phone will go to voice call mode.

The icon  will be displayed when the phone is set to data in once mode. In this mode the phone can receive only incoming data call. After it receives one data call, the phone will go to voice call mode. In case the phone is reset (power up), the phone will go to voice call mode.

The icon  will be displayed when the phone is set to data in always mode. In this mode the phone can receive only incoming data calls. The phone will not go to voice call mode until user changes the setting. In case the phone is reset (power up), the phone will go to voice call mode.

8) Incoming Fax or Data Indicator

The icon  will be displayed when the phone is receiving fax. After the fax is received the icon will disappear. When the phone is downloading or uploading data the icon  will be displayed. The icon will disappear once the data upload or download is completed.

9) MUTE Indicator

This indicates that the phone is set to MUTE Mode. In talking status, the called party on the other line cannot hear what you speak whereas you can hear called party. The icon will disappear if MUTE is pressed once again or the call is complete.

10) Power Adapter

The icon  will be displayed when power adapter is connected to the phone. It will disappear when power adapter (power supply) is removed or not working properly.

11) Battery Level Indicator

This indicates the Battery Level and is indicated as 1 to 5 (    ) indicator bars according to the battery charge. When the Battery has reached its threshold discharge, this indicator  will flash. When the battery is in charging, the above 5 icons will appear in sequence (progressive bars). When the battery charging is complete,  appears. When the battery is empty, nothing appears.

12) Missed Call Indicator

This indicates the number of missed calls. Once you view the details the icon will disappear.

13) System Time

This indicates the System Date, Time and Day

INSTALLATION

The following steps should be followed carefully in order to guarantee proper operation of the phone.

Step1: Check the components as per the packing list.

Step2: Placing the Phone

- Place the phone on a stable flat and secure surface (Table, Desk etc). Do not place the phone near heaters or radiators. Avoid direct exposure to sunlight or wet and damp areas.
- Read the Do's and Don'ts at the beginning of the user guide.

Step 3: Connecting the components

- Connect the indoor antenna to the TNC Connector located on the right hand side of the base instrument.
- Position the antenna upright.
- In case an outdoor antenna is to be used, Mount the outdoor antenna at a convenient place outdoor (Not more than ten meters from the phone) and connect the feeder cable to antenna on one side and TNC connector on the phone.
- Connect coiled cord to handset jack on one side and the base instrument jack (located on the left) on the other side
- Open the battery case, connect the battery cord and place the battery pack and close the case.
- Connect the Adapter to the DC Input port located at the back of the phone. Connect the AC cord to the power adapter on one side and the Three Pin AC socket on the other side. Switch on the AC Power Supply. The indicator green light on the power adapter should light up.

Skip last two points, in case the internal battery and Adapter is not to be used. Instead place the Power Supply on to a flat surface. Check that the 7AH battery is connected to the Power Supply. Connect the DC Output of Power Supply to DC 12V Input of the Phone and connect the AC cord to Power Supply on one side and to AC Outlet on the other side. Switch on the Power Supply.

- Switch on 'OFF/ON' on the back of the phone to 'ON'. Press Power On/Off key and keep it pressed for 2 to 3 seconds. The Phone shall power on automatically at this stage. Check the LCD for proper operation as explained earlier.

Please observe the following for a better reception

- Keep the indoor antenna upright or adjust the outdoor antenna to get the best RSSI.
- Keep phone where it is not obstructed
- Keep away from electrical appliances such as TV, Computer, Radio etc.,

Switch off

- In order to switch off the phone, it is advisable to first press the Power On/Off key for two seconds and then turn the switch 'OFF/ON' on the back to OFF.
- **DO NOT SWITCH OFF WITHOUT FIRST PRESSING POWER ON/OFF. DOING THIS MAY DAMAGE THE PHONE.**

BASIC OPERATIONS

Making a Call

Making a Local Call

(Lift the handset or press the **HANDFREE** Key)

telephone number -> **CALL/ REDIAL** Key. The called number is sent automatically after three seconds.

Making a STD Call

(Lift the handset or press the **HANDFREE** Key)

Area code -> telephone number -> **CALL/ REDIAL** Key. The called number is sent automatically after three seconds

You can clear the last digit by pressing **CANCEL** Key.

If the call is over, hang up or hook on the receiver, and then press **END** Key to return to the idle state.

Making IDD

(Lift the handset or press the **HANDFREE** Key)

+ -> Country code -> Area code -> telephone number -> **CALL/REDIAL** Key. The called number is sent automatically after three seconds.

Before you make an International distance call, press **0** Key twice and your screen displays the prefix symbol “+” of an International call.

Redialing the last number

Press **CALL/REDIAL** Key

Subscriber Call Charge Indication

Checking the Information during the call

The Phone will show elapsed time and charging unit on the screen during the call. Charging unit function should be provided by network, otherwise it always will show 0.

Answering the Call

When the phone rings, LCD will display the incoming number. Pick up the receiver or press **HANDFREE** Key to answer the call.

If you pick up the handset before the phone rings, press **CALL/REDIAL** Key to answer the call.

Note: To display the incoming number requires the network to support.

Ending the Call

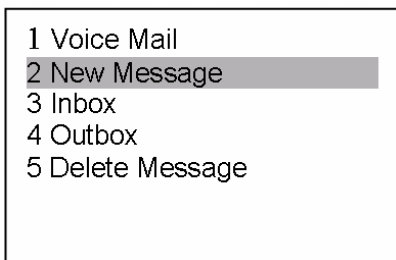
Put down the handset when you answer the call by picking up the handset.

Press **HANDFREE** Key when you answer the call by pressing **HANDFREE** Key.

Press **END** Key to return to the original state after ending call.

Sending SMS

When the phone is in idle-state, press **SMS** key, then press **[down]** key to select “2 Message”, the screen is displayed as follows:

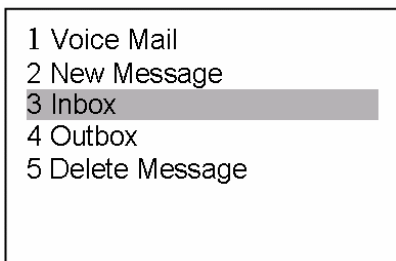


On selecting “2 New Message”, user can first edit message contents, then select “**Next**” to enter the phone number.

To send the message, select “**Send**”.

Reading SMS

When the phone is in idle-state, press **SMS** key, then press **[down]** key to select “3 Inbox”, the screen is displayed as follows:



On selecting “3 Inbox”, user can read messages received by the phone.

MENU FUNCTION

Menu Structure

User can press [Left] (No. 13 in Figure page 10) key to access the phone menu in idle state, use [UP] / [DOWN] (No. 1 in Figure page 10) key or number key [1-9] to select corresponding item, then press [CONFIRM/SELECT] key to enter. User can press [UP] / [DOWN] key to change the value, and select any one value by [CONFIRM/SELECT] key.

In idle state user will enter the phone book – “Contact” directly by pressing [Right] (No. 3 in Figure page 10) key, enter message menu directly by pressing [SMS] key. To exit menu, press [END] key (direct to idle state) or [CANCEL] key (step by step to idle state). The whole menu structure is shown in below:

Level 1 Menu	Level 2 Menu	Level 3 Menu	Level 4 Menu
Contacts (Phone book)	View Contacts		
	New Entry		
	Find Name		
	Groups	No Group	
		Family	
		Friends	
		Colleagues	
		Business	
		Classmates	
		Other	
	Delete All		
	Memory State		
Messages	Voice Mail		
	New Message		
	Inbox		
	Outbox		
	Delete Messages	Inbox	
		Outbox	
		Delete All	
Recent Calls	Incoming Calls		

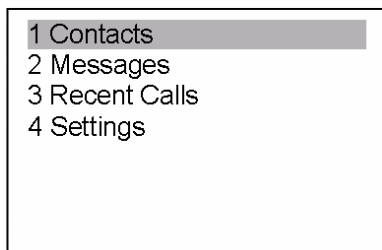
Level 1 Menu	Level 2 Menu	Level 3 Menu	Level 4 Menu
	Outgoing Calls		
	Missed Calls		
	Delete Lists		
Settings	Sounds	Ringer	In Contacts
			Not in Contacts
		Volume	Ringer
			Key Beep
			Handset
			Handfree
		Alert	Minute Beep
			Call Connect
			Power On/off
	Display	Backlight	7 second
			15 second
			30 second
			Always off
		Contrast	
		Hyphen	
	Voice Privacy		
	1X data	Data/Fax	Off

Level 1 Menu	Level 2 Menu	Level 3 Menu	Level 4 Menu
			Fax In Once
			Fax In Always
			Data In Once
			Data In Always
		Port Speed	19200
			115200
			230400
	Network Service	Call Forward	FWD If Busy
			FWD If No Answer
			FWD All Calls
		Call Waiting	
		CNIR	
	Phone Info.	Phone Number	
		SW Version	

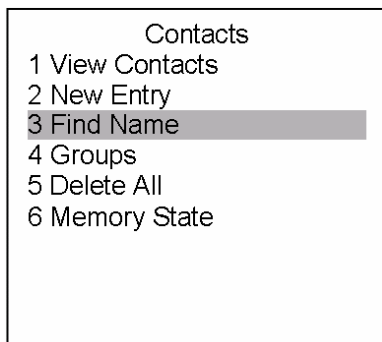
Menu Description

Phone book

When the phone is in idle-state, the screen is displayed as follows on pressing the [Left] key.



After selecting "1 Contacts", the screen is displayed as follows:



View Contacts

User can look through the contacts records in phone book.

New Entry

User can store a new record to phone book, including phone number and name. While entering the name, to give space between two letters, press 0 key twice.

Find Name (Searching for a stored number)

On entering the acronyms of stored name, the information pertaining to this record is displayed on the screen.

Groups

Entries in the phone book can be stored according to groups. There are seven different groups: No Group, Family, Friend, Colleagues, Business, Classmates and Other.

Delete All

Deletes all records in phone book.

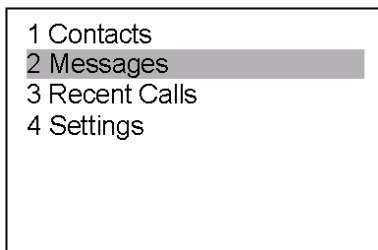
Memory State

The utilization status of phone book can be checked.

Short Message Service (SMS)

The phone is capable of transmitting and/or receiving simple text or voice messages.

When the phone is in idle-state, the screen is displayed as follows on pressing the [Left] key.



On selecting “2 Message”, the screen is displayed as follows:

1 Voice Mail
2 New Message
3 Inbox
4 Outbox
5 Delete Message

On selecting “1 Voice Mail” to check if the user has any voice mail.

Send Message

On selecting “2 New Message”,

User can first edit message contents, then enter the phone number.

To send the message, select “Send”.

To do other operations, select “Option”, display is as follows:

Address:	1 Contact
	2 Priority
13064733242	3 Send time
	4 Callback #
	5 Save
Close	

Inbox

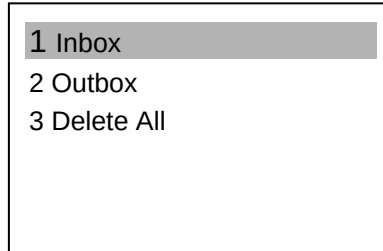
Stores received message. Total 200 messages can be stored in Inbox and Outbox. Provides different labels for read message and unread messages. Stored messages are arranged according to date, the most recent message is arranged at the top.

Outbox

On selecting “Outbox”, user can see the messages that have been saved. Provides inquiry, delete and forward functions. Saved messages are arranged according to date, the most recent message is arranged at the top.

Delete Messages

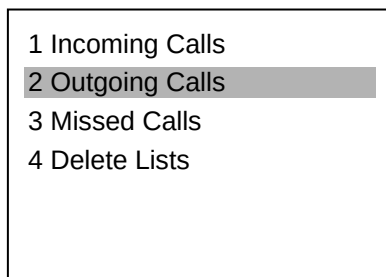
After selecting “5 Delete Message”, the screen is displayed as follows:



Delete messages after selecting required item.

Recent Calls

On selecting “3 Recent Calls”, the screen is displayed as follows:



Incoming Calls

On selecting incoming calls, the incoming calls' information, including date, time, duration and phone number or name of person (if the number exists in the contact list) of incoming call, shall be displayed on the screen. Last 10 calls can be viewed.

Outgoing Calls

On selecting outgoing call, the screen will display the outgoing calls' information, including date, duration, time and phone number or name of person (if the number exists in the contact list). Last 20 calls can be viewed.

Missed Calls

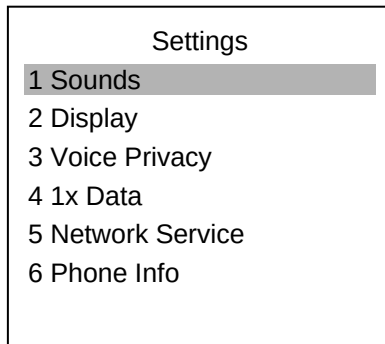
On selecting missed calls, the screen will display the missed calls' information, including date, phone number or name of person (if the number exists in the contact list). Last 10 calls can be viewed.

Delete Lists

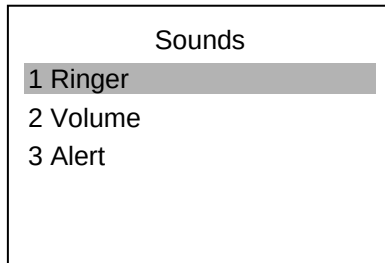
On selecting Delete Lists, User can delete the recent calls (including incoming calls and outgoing calls and missed calls).

Settings

On selecting "Settings", the screen is displayed as follows:

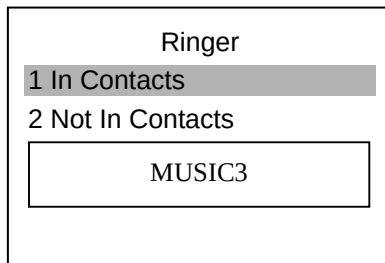


Sound settings



Ringer

All incoming calls are classified into two groups. When an incoming call number belongs to one of the groups, user can hear the ring tone set for that group. After selecting “Ringer”, the screen is displayed as follows:



Volume

Six levels of volume can be selected i.e. High, High Med, Med, Med Low, Low, Off for ringer and key beep. Five levels of volume can be selected i.e. High, High Med, Med, Med Low, Low for handset and handfree

Volume

1 Ringer

2 Key Beep

3 Handset

4 Handfree

Med

Alert

User can enable or disable alert. The screen is displayed as follows:

Alert

1 Minute Beep

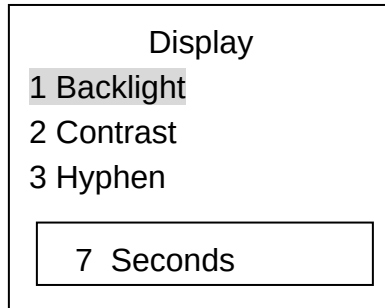
2 Call Connect

3 Power On/Off

Off

Display

On selecting “Display”, the screen is displayed as follows:



A screenshot of a device's 'Display' settings menu. The menu is titled 'Display' at the top. Below the title, there are three options: '1 Backlight', '2 Contrast', and '3 Hyphen'. The '1 Backlight' option is highlighted with a grey background. At the bottom of the menu, there is a rectangular box containing the text '7 Seconds'.

Backlight

User can select 7 seconds, 15 seconds, 30 seconds or always off. The default is 7 seconds.

Contrast

User can select 0-9 on a scale of 10 for the contrast.

Hyphen

If the hyphen function is enabled, the hyphen shall be added to the digits, if the number of digits is more than seven. For example, if the called number is 12345678901234 it will be shown as 1-234-567-890-1234.

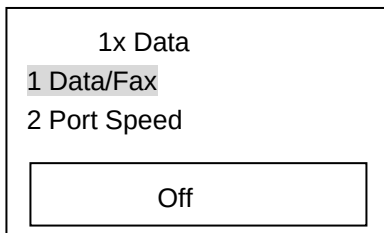
Voice Privacy

Two options namely Enhanced and Standard are available.

The default value is “Standard”. Enhanced voice privacy function needs network support.

1x Data

After selecting “1x Data”, the screen is displayed as follows:



A screenshot of a mobile phone's settings menu. The title is "1x Data". Below the title are two options: "1 Data/Fax" and "2 Port Speed". At the bottom of the screen is a rectangular button labeled "Off".

Data/Fax

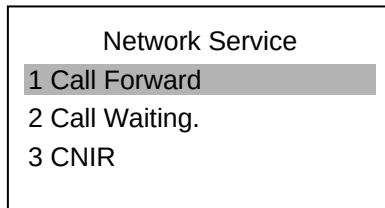
User can select from Off, Fax In Once, Fax In Always, Data In Once and Data In Always.

Port Speed

User can select 19200,115200 or 230400 bauds as port speed. However, the network should preferably be connected at 115200.

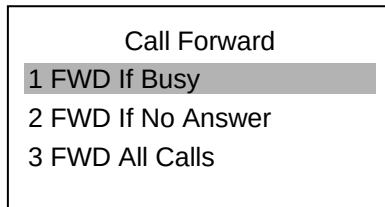
Network service

On selecting “Network Service”, the screen is displayed as follows:



Call Forward (System Dependent)

On selecting “Call Forward”, the screen is displayed as follows:



- FWD IF Busy: forwards the incoming call when the phone is busy.
- FWD If No Answer: forwards the incoming call when the phone does not answer.
- FWD All Calls: All calls are forwarded

Call Waiting (System Dependent)

Two options namely enable or disable are available.

Calling Number Identification Recognize (CNIR) (System Dependent)

If this is enabled, called party will not be able to recognize the calling number.

Phone Information

After selecting “Phone Info”, the screen is displayed as follows:

The screenshot shows a rectangular window titled "Phone Info". Inside the window, there are two menu items: "1 Phone Number" and "2 SW Version". The "2 SW Version" item is highlighted with a grey background. Below these items is a rectangular box containing the text "0.3.3".

- Phone Number: user can store his CDMA phone number.
- SW Version: displays the software version information.

DATA SERVICES

Definition

The Phone provides Data Service and Facsimile Service by connecting to a PC (or Notebook).

Before you start installation, please check the minimum configuration required of your PC.

Hardware: CPU Pentium 300MHz, 64MB RAM, 2GB hard disk, 1 RS-232 serial port, 1 USB (ver1.1) port.

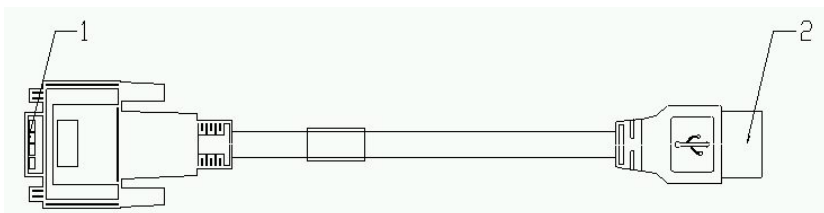
Software: Windows 98, Windows ME, Windows 2000, Windows NT or Windows XP.

Hardware Connection

Serial Communication Cable

To access internet data service from this phone, you should purchase the serial communication cables and software driver, which is described below and connect it to a PC.

You should install the USB to RS232 driver software on your PC.



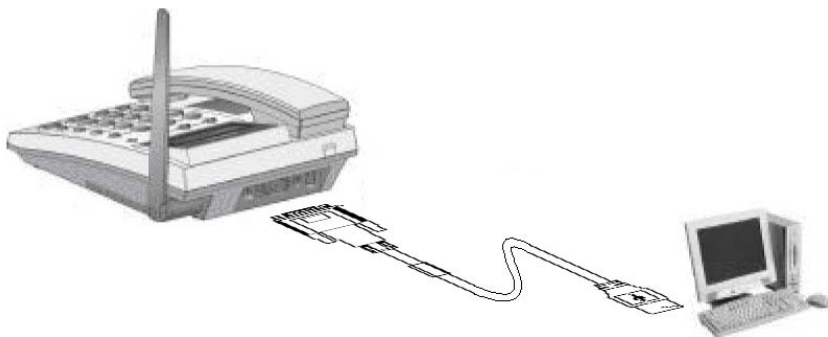
- 1) Cable connector-D type-9 pin-male (to Phone)
- 2) Cable connector-USB (to PC)

Connecting the Phone to a PC through a Serial Communication Cable

As shown above, connect one end of the serial communication cable to a PC, insert the other end to the serial port (Data) of the Phone, and fasten the captive screws in place to ensure a reliable connection.

Caution:

To avoid damage to the phone while making connections, make sure to turn off the Phone before making connection. **Only manufacturer supplied serial cable should be used.**



Phone and PC Connection using serial cable

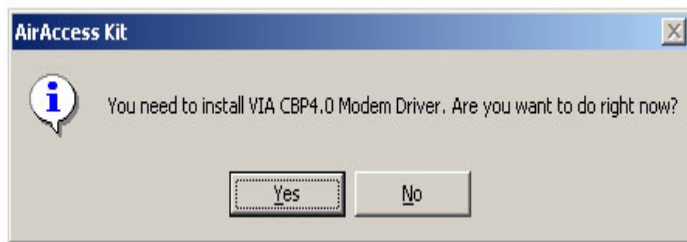
Computer Configuration

Modem Driver Airaccess kit Installation

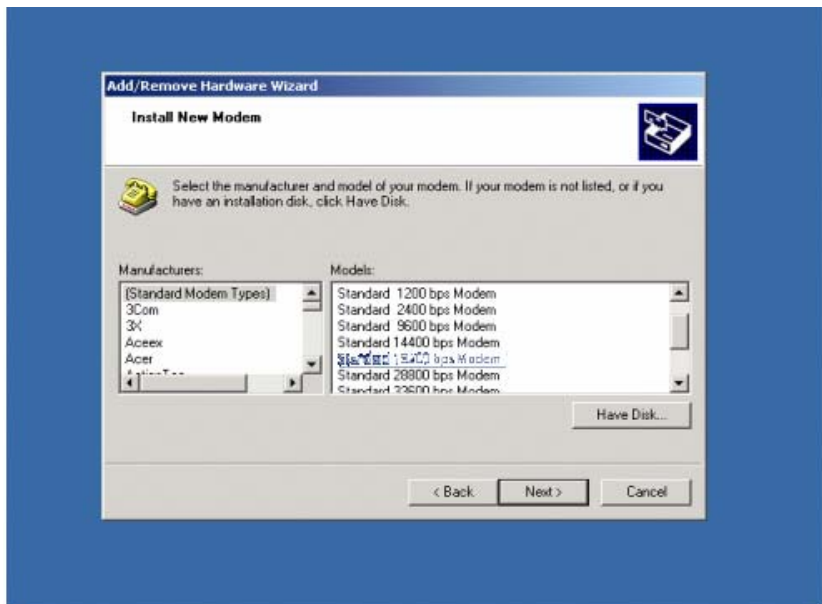
Run the CBP4.0 ModemDriver \ setup.exe, and the software will automatically install.

Setting the computer

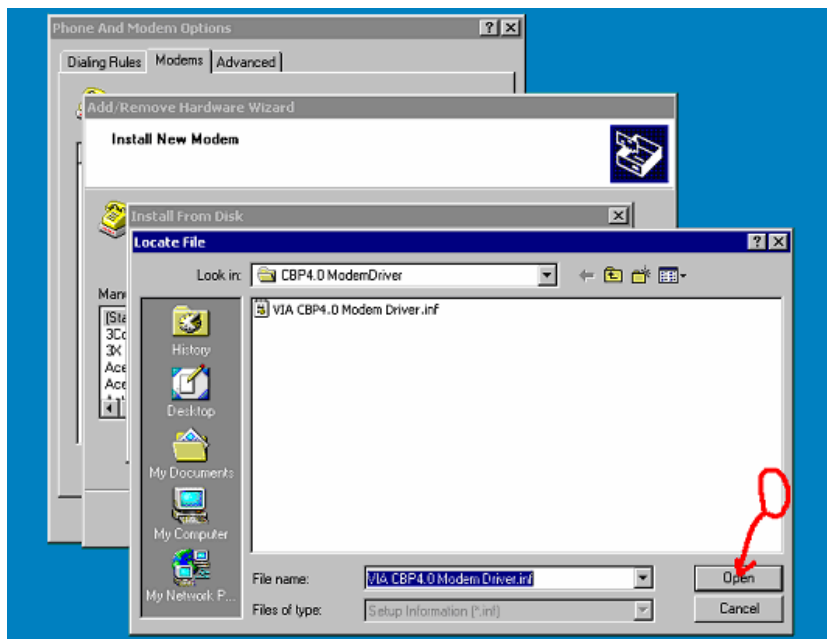
When AirAccess kit is run for the first time, the following indication will be shown. Select “Yes” to continue the installation.



STEP1:

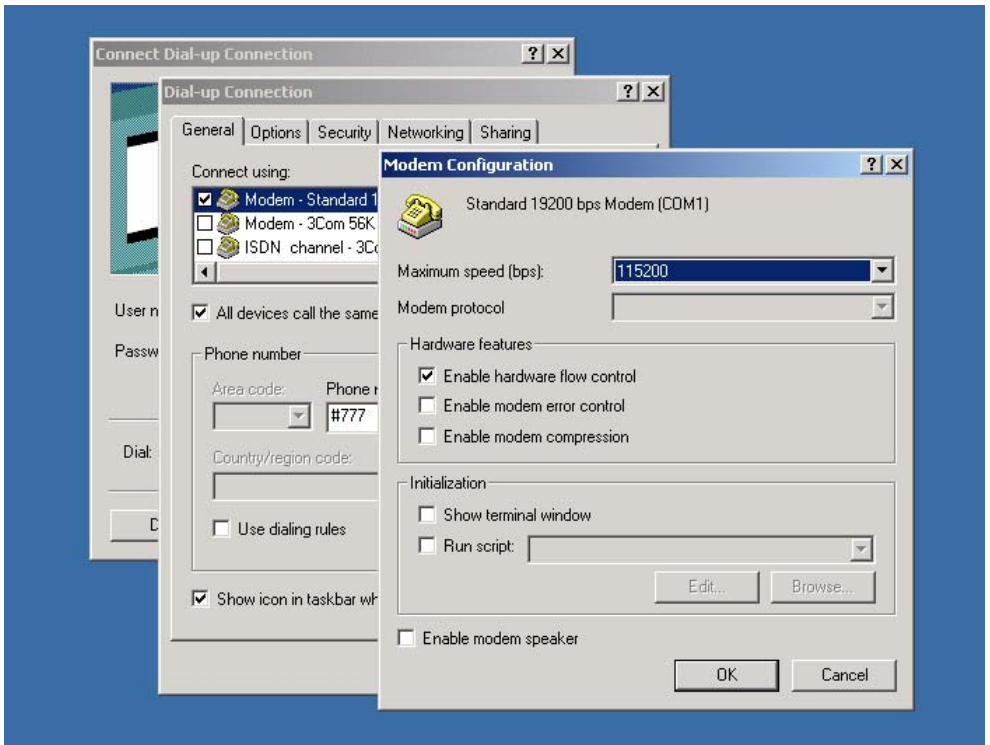


STEP 2:

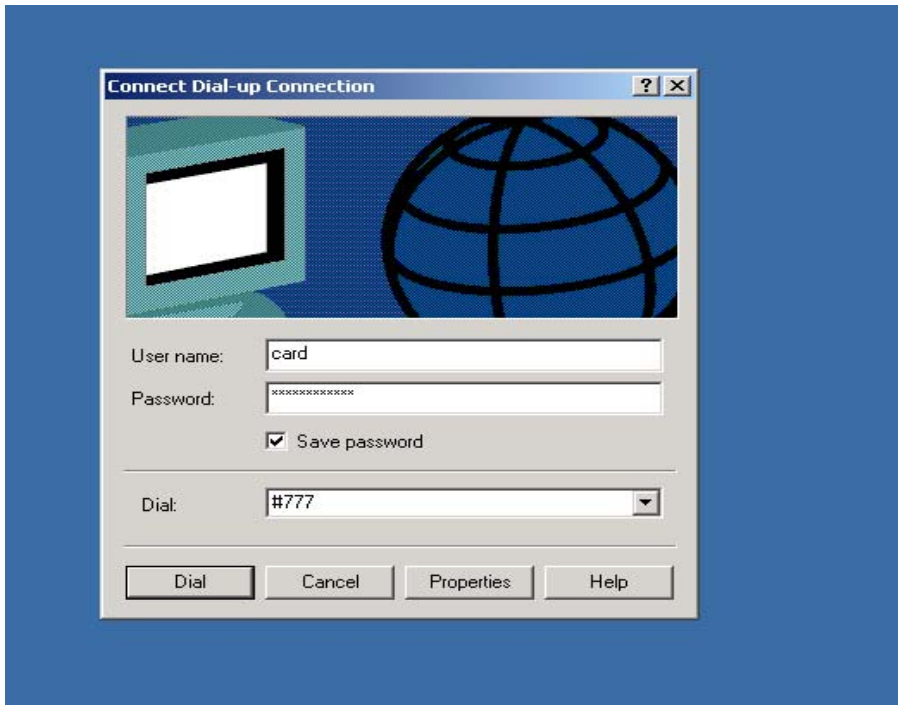


Create dial-up Connection

Having installed the MODEM, create a dial up connection as below:



Enter user name and password to connect to the network. The dialling number, user name, password should have been provided by the network service provider. You are now ready to surf the Internet, send and receive Email, make Telnet, FTP etc.



Start Circuit Data function

Create a terminal session using Hyper Terminal program. Make sure the baud rate is consistent with what you have at the Phone. You can verify it by typing ATZ<Enter>. Any subsequent typing should allow you to see characters that you entered.

At this point, make sure that the remote device that runs terminal emulation program, which connects to the modem that are calling into, shall be set up to answer any incoming call. Typically, you type ats0=1 to allow modem to pick up the call after one ring.

At the local Hyper Terminal program that connects to Phone, you need to:

Type `at+crm=0;+cso=12;+cmux=2;+cta=0<Enter>`

Type `atdt<phone number that you are calling into><Enter>`

Wait for "connect" message to come back.

At this point, Phone has already established circuit path with the other modem that you are calling into. You can start uploading or downloading files between these two devices.

Start Digital G3 Fax function

You need to run WinFax Pro Ver 10.0 or later from Symantec Corp in the PC that connects to Phone in order to use fax function.

Use Modem Setup option in the menu and query the modem to retrieve attributes of modem. Sending fax from Phone, you should time it and get the file size to figure out the speed of this circuit. You will know how to use the WinFax by reading WinFax User Guide.

APPENDIX A: TEXT INPUT METHOD GUIDE

Press [#] key to switch between different text input method: “ABC” for Uppercase letter input, “abc” for lowercase letter input and “123” for number input.

Press [*] key to input punctuation.

Press [0] key to represent blank in English text input state.

Press [0]~[9] key for the letter printed on them. For example, key [2] also represent letter “A”, “B”, “C”. in the lowercase English text input state, press key [2] one time will display letter “a”, press two time continually for letter “b”, press three time for letter “c”.

Press [0] button twice to gain “+” for international access code.

APPENDIX B: PRODUCT SPECIFICATION

Item	Description
Dimensions(W×D×H)	210mm×195mm×85mm
Weight(including internal battery)	Less than 0.8 kg
Mounting mode	Horizontal or wall mounting
Input voltage	DC: 7.5V
Internal battery	3.7 V Li
Maximum transmit power	200mW
Typical stand-by power consumption	21mW
Ambient temperature	-10°C-55°C
Storage temperature	-20°C-70°C
Relative humidity	5%-95%

APPENDIX C: CHARGER SPECIFICATION

Item	Description
Input Voltage	AC 90-300V
Input Frequency	50/60 Hz
Output Voltage	12V DC, 800mA

APPENDIX D: PACKING LIST

- The Base Instrument -1EA-
- The Handset -1EA-
- The Handset Cord -1EA-
- Internal Battery -1EA-
- Power Adapter -1EA-
- Power Cord -1EA-
- Indoor Antenna -1EA-
- User Guide -1EA-
- Outdoor Antenna, Feeder Cable
and accessories -1EA-
- Power supply & 7AH Battery. -1EA- in lieu of Internal
Battery& Power Adapter