

APPENDIX I: MANUAL

Please refer to the following pages.

CDMA FSU C800

USER GUIDE



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SAFETY PRECAUTIONS

FCC RF Exposure Compliance

This PCS phone has been tested and complies with the Federal Communications Commission (FCC) RF exposure limits for the General Population/Uncontrolled exposure environment. In addition, it complies with the following Standards and Guidelines:

- FCC 96-326, Guidelines for Evaluating the Environmental Effects of Radio-Frequency Radiation
- FCC OET Bulletin 65 Edition 01-01 (2001) Supplement C, Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields
- ANSI/IEEE C95.1-1992, IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz
- ANSI/IEEE C95.3-1992, IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields - RF and Microwave

Handling the Phone, Battery and Charger

DANGER



Compulsory

Only use the battery and charger specified for the phone. Failure to do so can result in damage to the phone, electric shock or fire.

CAUTION



Prohibited

Do not store or operate the phone or charger in hot, damp, or dusty areas, which can damage electrical and mechanical components. Avoid prolonged exposure to temperatures below 5°C or in excess of 35°C.

DANGER



Prohibited

Do not drop, shake or throw the phone or charger. Rough handling can damage internal circuit boards and the battery pack.



Prohibited

Do not use the phone in the vicinity of volatile gases. Leave the area before using the phone. Failure to leave the area can result in the risk of fire or an explosion.



Disassembly
prohibited

Do not disassemble or modify the phone, charger, or battery. Incorrect modifications, reassembly, or tampering may result in malfunction or personal injury.

Handling the Phone

DANGER

 Prohibited	Do not use the phone while operating a vehicle.
 Compulsory	Observe local regulations for specialized areas (hospital, aircraft, etc) when using the phone.
 Compulsory	This phone has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This phone generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this phone does cause harmful interference to radio or television reception, which can be determined by turning the phone off and on, the user is encouraged to try to correct the interference by one or more of the following measures: - Reorient or relocate the receiving antenna - Increase the separation between the phone and receiver - Connect the phone into an outlet on a circuit different from that to which the receiver is connected - Consult the dealer or an experienced radio/TV technician for help

 CAUTION

 Compulsory	Changes or modifications not expressly approved by UTStarcom, Inc. could void the user's authority to operate the phone.
 Compulsory	The antennas used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located with or operated in conjunction with any other antenna or transmitter.
 Prohibited	Keep all storage media (magnetic cards, floppy disks, credit cards, etc.) away from the phone. Close encounters or contact can erase or damage the storage media.
 Prohibited	Keep all sharp metal objects (pins, nails, hairpins etc.) away from the phone handset. The handset earpiece contains a strong magnet that can attract and hold metal objects. Remove any objects from the handset earpiece before using, to avoid personal injury.
 Compulsory	In case of emergency, key in the emergency number (911 for example in US), then press the Talk key and let the operator know your specific location. Don't hang up until you are told to do so.

Handling the Battery

DANGER

 Prohibited	Do not dispose of the battery pack in a fire. It may explode. Check with local waste management codes for disposal instructions.
 Prohibited	Do not force the battery pack into the phone. Improper installation can cause malfunctions or damage the battery pack. This may result in fire or personal injury.
 Prohibited	Use caution in handling batteries in order not to short the battery on conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.
 Disassembly prohibited	If the battery becomes too hot while recharging, it should be removed immediately from the charger.
 Compulsory	When clothes or skin are exposed to battery leakage, rinse with clean water at once to prevent skin irritation.
 Compulsory	Do not use a cracked, leaking or odor-emitting battery pack near an open flame or high temperatures.

CAUTION

 Compulsory	If a fully discharged battery is stored for a long period of time, it may not be possible to recharge the battery.
 Prohibited	Observe local waste management codes for proper battery disposal instructions.

Handling the Charger

DANGER

 Compulsory	Only use a power source that provides the appropriate voltage (AC100~240 V) for the charger. An unsuitable power source can result in damage to the charger, electric shock or fire.
 Compulsory	Do not use the charger if the power supply cord or plug is damaged or frayed (exposed or broken wires, etc). This can result in the risk of fire or electric shock.
 Prohibited	Do not short circuit the charger connector jack. This may result in fire or electric shock.
 Remove power plug	Immediately unplug the charger from the wall outlet in the event that liquid is spilled into the unit to prevent fire or electric shock.

CAUTION

 Compulsory	Always unplug the charger from the wall outlet before cleaning to avoid the risk of electric shock.
 Prohibited	Do not place heavy objects on the cord to avoid damage.
 Compulsory	Always grip the power plug when removing the charger from the wall outlet. Do not pull on the power supply cord to avoid damage and the risk of electric shock.

1. GETTING STARTED

1.1 Package Contents

Thank you for purchasing this phone. Please check the package contents by comparing them with the following list. If you find anything missing or if the documentation set is incomplete, contact your local phone dealer immediately



- CDMA FSU C800 Phone
- Backup battery
- Power adapter
- Receiver
- Cord
- User Guide

1.2 Phone Description

1.2.1 Front View



1. LCD Screen

2. Antenna

3. <BACK/CLR> key

This key is used to delete characters/digits or to return to the previous menu level

4. <LEFT> and <RIGHT> keys:

These keys are used to move the cursor left or right or to perform functions indicated on the screen

5. <UP> and <DOWN> keys:

These keys are used to scroll up and down through menu lists

6. <SELECT> key:

This key is used to select the highlighted menu option

7. Input keys:

These keys are used to enter digits, characters or symbols

8. <END> key:

This key is used to return to standby mode without changing menu settings

9. <SND/RDL> key:

This key is used to make a call

10. <SPK> key:

This key is used to place a call on Speaker Phone

11. <SMS> key:

This key is used to access the **Messages** menu

12. <RCL> key:

This key is used to access the **Recent Calls** menu

13. <DND/MUTE> key

14. <ON/OFF> key

15. Power LED indicator

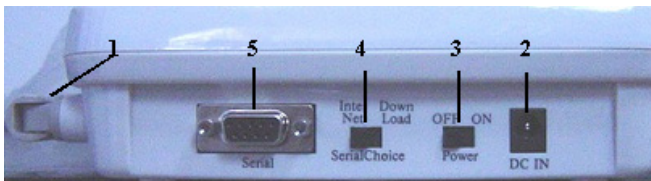
Lights when the power adapter is connected to the phone

16. Receiver



Note: This is only a brief introduction to the keypad functions. Please refer to the contents of this user guide for detailed descriptions and operations

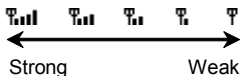
1.2.2 Rear View



1. Antenna RF Connector
2. DC Power Jack
3. Power Switch
4. Serial Port Choice
5. Serial Port

1.3 Display Indicators

- Indicates digital mode. Indicates analog mode
- Shows the current signal strength. The higher the bar, the stronger the signal



- Indicates in calling mode. Indicates call connection failure
- Indicates in roaming mode
- Indicates the Alarm function is active
- Indicates a new short message has been received

-  Indicates the DND (Don not Disturb) function is active
-  Indicates the battery charge level. The higher the bar levels, the greater the battery power



1.4 Safety Instructions

Basic safety precautions should always be followed to reduce risk when using this product. Please read and follow all instructions marked on the product

- To reduce the risk of electric shock - do not disassemble this product. When the product is subsequently used, incorrect reassembly can cause electric shock. When service is required, take the product to a qualified service department
- Do not hold or make contact with the antenna while making a call
- Do not overload the wall outlets and the extension cord
- Do not use this product near water and never spill any liquid on the product. This may result in the risk of fire or electric shock
- Do not place this product on an unstable location (cart, stand or table). If it should fall from an unstable location, there is a risk of serious product damage
- Do not cover the slots and openings on the product. They are provided for ventilation and protection against overheating. Do not place this product near a heater or radiator where proper ventilation is not provided
- This product should only be operated from the type of power source marked on the product. If you are not sure of the type of power available, consult your dealer or local power company

- Never push objects of any kind into this product, since this may result in a serious voltage short and may result in the risk of fire or electric shock
- During thunderstorms, avoid using this product. There may be a remote risk of an electric shock from lighting
- Disconnect the external power adapter and take out the back-up battery when the product is not to be used for a long time
- Unplug this product from the wall outlet and obtain service from an authorized service center under the following conditions:
 - When the power supply plug is damaged or frayed
 - If liquid has been spilled on, or into this product-or if this product has been exposed to water or rain
 - If this product does not work properly when the operating instructions are followed
 - If this product has been dropped or damaged
 - If this product exhibits a distinct change in performance

1.5 Protocol Support

The phone supports IS-2000 Release 0, and is backward compatible with IS95A/B. Software will be upgraded to support IS-2000 Release A, and Release C in the future

1.6 Functions, Features and Specifications

1.6.1 Phone Functions

- High Quality Voice Service
 - Making calls, receiving calls, call auto-answering and recording
 - Vocoder: 13K QCELP, 8K EVRC
 - Supports the speaker phone (hands-free) function

- Data Service
 - Packet data service: Complies with IS707A.5, and supports 153kbps dual links for Internet
- Short Message Service (SMS)
 - English and Spanish SMS: Supports write, read, send, receive, delete, reply and forward of short messages

1.6.2 Phone Features

- Multi-language: English and Spanish
- Phone book: 200 entries
- Recent call record: Phone numbers of the last 28 incoming/outgoing calls, and the call time
- Phone setup: Backlight, ring tone and volume, voice volume, key beep volume
- Variety of alert sounds: Recharging prompt, low voltage, SMS prompt, key beep, in-call minute alert
- Variety of ring tones: 6-chord polyphonic melodies
- Alarm clock and schedule
- Real time clock and calendar
- Incoming call display (requires network support)
- Abbreviated number dial / speed dial
- Call forward (unconditionally, if no answer, if busy) and call waiting
- Banner modification
- Do not disturb (DND) function, rejects incoming calls
- Emergency call
- Mute the microphone volume

1.6.3 Technical Specifications

Items	Descriptions
RF Specifications	
Air Interface	IS-2000 1XRTT; backward compatible with IS95A / B
Vocoder	13K QCELP, 8K EVRC
Frequency Range	TX: 824~849MHz RX: 869~894MHz
Frequency Accuracy	<±300Hz
Receiver Sensitivity	<-104dBm @FER 0.5%
Bandwidth	1.25MHz
Main Processor	VIA CBP4.0
Maximum Data Rate	153.6Kbps
Environmental Requirements	
Operating Temperature	-10°C ~ +45°C
Storage Temperature	-40°C ~ +66°C
Humidity	5 ~ 95%
Atmosphere Pressure	86 ~ 106kPa
Mechanical Size and Weight	
Size	222 (L) x 175 (W) x 75 (H) mm
Weight	1000g
Safety Parameters	
EMC/EMI	Conforms to Internal/China standards, complies with IS98D requirements
ESD	Protected to 1.5KV

2. BASIC OPERATIONS

2.1 Switch the Phone On/Off

Turn the “Power” button on the phone to “ON” or “OFF” to switch the phone on or off

2.2 Make a Call

1. Pick up the receiver or press <SPK>
2. Key in the phone number
To delete the last entered digit, press <BACK/CLR>
3. Press <SND/RDL> or wait a moment (if the Dial Delay function is active). The phone will begin to dial
4. After the call, hang up the receiver or press the <END> key

2.3 Redial a Call

1. Pick up the receiver or press <SPK>
2. Press <SND/RDL>. The most recently dialed phone number will be dialed

2.4 Store a Phone Number

In standby mode, new entries can be added to the phone book

1. Enter the desired phone number and press <LEFT>
2. Enter the name according to the prompts and press <LEFT> to confirm and complete the operation



Note: The name cannot be left blank. If blank, the phone will prompt for an entry upon pressing <LEFT>

2.5 Access Menu/List Options

A variety of options are available for the phone menu

1. In standby mode, press <LEFT>/<SELECT> to access the phone menu
2. Press the <UP>/<DOWN> key to highlight the desired submenu, and then press the <SELECT> key to access this submenu. You can also access the submenu (option) by pressing its corresponding number key



Note: To return to the previous menu level, press <BACK/CLR>

To return to standby mode without changing the menu settings, press <END>

2.6 Use Shortcuts

In standby mode, these shortcuts access the following submenus or options:

- Pressing <RIGHT> will access the **View Contacts** option
- Pressing <SMS> will access the **Messages** submenu
- Pressing <RCL> will access the **Recent Calls** submenu
- Pressing <UP> will access the **Volume** option

3. MENU OVERVIEW

The entire menu layout is as shown below:

Contacts (Phone Book)	View Contacts		
	New Entry	Add Number	
		Add Email	
		Add Address	
		Add URL	
		Add Note	
	Find Name		
	Groups	No Group	
		Family	
		Friends	
		Colleagues	
		Business	
		Classmates	
	Delete All		
	Speed Dial		
	Memory State		
Messages	Voice Mail		
	New Message	New Address	
		Message	
	Inbox		

Menu Overview

	Outbox		
	Delete Messages	Inbox	
		Outbox	
		Delete All	
Recent Calls	Incoming Calls		
	Outgoing Calls		
	Missed Calls		
	Delete Lists		
Tools	Schedule	New	
		List	
		Clear	
	Alarm Clock		
	Voice Memo	Memo List	
		Voice List	
		Answering Rec.	Answering 1
			Answering 2
			Answering 3
Settings	Sounds	Ringer	In Contacts
			Not in Contacts
			Alarm Clock
		Volume	Ringer
			Key Beep

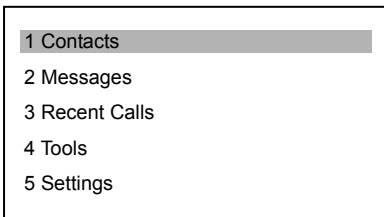
			Handset
			Handfree
		Alert	Service Change
			Minute Beep
			Call Connect
			Power On/off
	Display	Banner	
		Backlight	7 Seconds
			15 Seconds
			30 Seconds
			Always off
		Language	English
			Español
		Hyphen	no
			yes
	Security	Lock Phone	Unlock
			Lock
			On Power Up
		Change Password	
		Load Default	
	Call Setup	Auto Answer	Off
			After 3 Seconds
			Answering Machine
		Answering Sel.	Default

			Answering 1
			Answering 2
			Answering 3
		Voice Privacy	Enhanced
			Standard
	Dial Delay Time		
	1x Data	Data/Fax	Off
			Fax In Once
			Fax In Always
			Data In Once
			Data In Always
		Port Speed	9600
			19200
			115200
			230400
	Network Service	Call Forward	FWD If Busy
			FWD If No Answer
			FWD All Calls
		Call Waiting	Disable
			Enable
		CNIR	Enable
			Disable
	Phone Info.	Phone Number	
		SW Version	

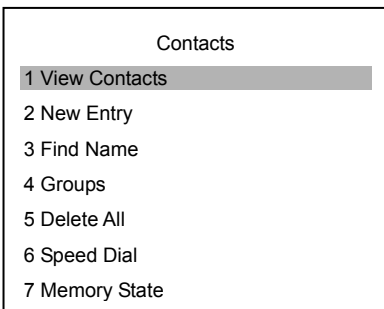
4. MENU OPERATIONS

4.1 Phone Book

In standby mode, pressing <LEFT> will access the menu and display the submenu list shown in the following figure:



Then, press <SELECT> or <1> to access the **Contacts** submenu and display options shown in the following figure:



4.1.1 View Contacts

Select this option to view phone book entries:

Press <LEFT> <1> <1> to select **View Contacts**. The phone book entry list will be displayed. Press <UP>/<DOWN> to browse through entries

- Press <SELECT> to view details of the highlighted entry. Then, you can press <LEFT> to edit the entry
- Press <RIGHT> to display **Erase**, **Delete All** and **Send Message** options

4.1.2 New Entry

Select this option to add new phone book entries:

Press <LEFT> <1> <2> to select **New Entry** and display the following options:

New Entry

1 Add Number

2 Add Email

3 Add Address

4 Add URL

5 Add Note

Press the corresponding number key to select **Add Number**, **Add Email**, **Add Address**, **Add URL** or **Add Note**. Follow the phone prompts to enter the corresponding information, and then press <LEFT>. Enter the name and press <LEFT> to confirm and complete the operation

4.1.3 Find Name

Select this option to search for a phone book entry:

Press <LEFT> <1> <3> to select **Find Name**. Key in the name that you are searching for, or the first character(s) of the name, and then press the <LEFT> key. The phone will search through the records in the phone book, and highlight the matched name

4.1.4 Groups

Select this option to view information of a group, add entries to a group or create a new group:

Press <LEFT> <1> <4> to select **Groups** and display the group list. You can perform the following operations:

- Press <LEFT> to create a new group. Enter the group name, and then press the <LEFT> key to confirm and complete the operation
- Press the corresponding number key to display the entry list of a group. If there are no entries in the group, the phone will prompt you. Press <LEFT> to add entries to the group. Press <UP>/<DOWN> to highlight the desired entry, and then press <SELECT>. Press <LEFT> to confirm and complete the operation
- Press <UP>/<DOWN> to highlight the desired group. Press <RIGHT> and press <1> or <2> to select **Edit title** or **Erase group**

4.1.5 Delete All

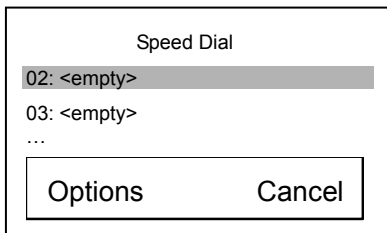
Select this option to delete all phone book entries:

Press <LEFT> <1> <5> to select **Delete All**. Then, press <LEFT> to complete the deletion

4.1.6 Speed Dial

Select this option to assign a phone number in the phone book to one of the 2-digit speed dial numbers (02~99) for greater convenience when dialing:

Press <LEFT> <1> <6> to select **Speed Dial** and display the speed dial number list, as shown in the following figure:



- To assign a phone number, press <UP>/<DOWN> to highlight the desired speed dial number and press <SELECT>. The phone book entry list will be displayed. Press <UP>/<DOWN> to highlight the desired entry, and then press <SELECT> to view the phone number of the entry. When the desired phone number is displayed, press <SELECT> to assign the phone number to the speed dial number
- To cancel a speed dial setting, press <UP>/<DOWN> to highlight the target speed dial number. Press <LEFT> and then press <1> to select **Remove**. Press <LEFT> to confirm and complete the operation
- To cancel all speed dial settings, press <LEFT> and then press <2> to select **Remove All**. Press <LEFT> to confirm and complete the operation

Use Speed Dial

In standby mode, key in a 2-digit speed dial number and press the <#> key. The corresponding phone number will be displayed

4.1.7 Memory State

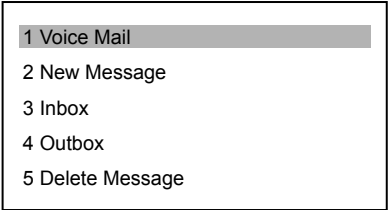
Select this option to view the phone book capacity (**Total** and **Free**):

Press <LEFT> <1> <7> to access the **Memory State** option

4.2 Short Message Service (SMS)

The phone supports transmitting and/or receiving simple text or voice messages

In standby mode, press <LEFT> to access the phone menu. Press <2> to access the **Messages** submenu and display options shown in the following figure:

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

4.2.1 Voice Mail

Select this option to check voice messages

4.2.2 New Message

Select this option to send a new message:

Press <LEFT> <2> <2> to select **New Message** and display options shown in the following figure:

A screenshot of a menu interface. At the top, there are two numbered options: '1 [New Address]' which is highlighted with a grey background, and '2 [Message]'. Below these options is a rectangular button with the text 'Send' on the left and 'Option' on the right.

Press <1> to select **New Address**. Key in the receiver's phone number and press <LEFT>. Press <2> to select **Message**. Enter the message contents and press <LEFT>. Press <LEFT> to send the message

To perform other operations, press <RIGHT> and select from **Contact**, **Priority**, **Callback** and **Save**, as shown in the following figure:

A screenshot of the same menu interface as above, but with a sub-menu open. The sub-menu is a vertical list with four options: '1 Contact' (highlighted with a grey background), '2 Priority', '3 Callback', and '4 Save'. The main menu options '1 [New Address]' and '2 [Message]' are still visible on the left. At the bottom of the main menu is a rectangular button with the text 'Close'.

- **Contact:** Select this option to access the phone book entry list and select the message receiver
- **Priority:** Select this option to set the message priority
- **Callback:** Select this option to set the Callback function
- **Save:** Select this option to save the message

4.2.3 Inbox

Received messages are stored in the phone Inbox. A total of 200 messages can be stored in the Inbox and Outbox

There is an icon in front of each message:  indicates the message has not yet been read;  indicates the message has been read. Messages are listed chronologically, with the most recently received message highlighted at the top of the list

When a new message is received, press <SELECT> to view the message contents and details (the sender and received time).

Message From:
13332885955
XXXXXXXXX...

Received at:
11:16:16 10/10/04

Send to

Options

- To save the sender's phone number, call the sender or erase the message, press <RIGHT> and then select **Save address**, **Call him/her** or **Erase**
- To forward or reply to the message, press <LEFT>, as shown in the following figure:

1 [New Address]

2 XXXXXXXXXX...

3 13332885955

Send

Option

4.2.4 Outbox

Sent messages are stored in the phone Inbox

Press <LEFT> <2> <4> to select **Outbox**; the sent message list will be displayed. There is an icon in front of each message:  indicates the message sending succeeded;  indicates the message sending failed. Messages are listed chronologically, with the most recently sent message highlighted at the top of the list

Press <UP>/<DOWN> to reach the desired message and press <SELECT>. The message contents and details will be displayed

- To save the receiver's phone number, call the receiver or erase the message, press <RIGHT> and then select **Save address**, **Call him/her** or **Erase**
- To forward or reply to the message, press <LEFT>

4.2.5 Delete Messages

Select this option to delete all received messages, sent messages, or to delete all

Press <LEFT> <2> <5> to select **Delete Messages** and the options shown in the following figure will be displayed:

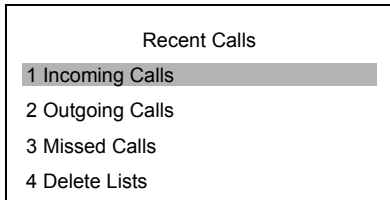
- 1 Inbox
- 2 Outbox
- 3 Delete All

Press the corresponding number key to select the desired option and press <LEFT> to complete the deletion

4.3 Recent Calls

The phone records missed, received and dialed calls as well as their call durations

Press <LEFT> <3> to select **Recent Calls**, and the options shown in the following figure will be displayed:



4.3.1 Incoming Calls

This option enables you to view the last 30 received calls

Press <LEFT> <3> <1> to select **Incoming Calls** and the incoming call list will be displayed. Press <UP>/<DOWN> to reach the desired entry. Press <LEFT>, to select: **Details**, **Send Message**, **Delete** or **Delete All**

4.3.2 Outgoing Calls

This option enables you to view the last 30 outgoing calls

Press <LEFT> <3> <2> to select **Outgoing Calls**, and the outgoing call list will be displayed. Press <UP>/<DOWN> to reach the desired entry. Press <LEFT>, to select: **Details**, **Send Message**, **Delete** or **Delete All**

4.3.3 Missed Calls

This option enables you to view the last 30 missed calls

Press <LEFT> <3> <3> to select **Missed Calls**, and the missed call list will be displayed. Press <UP>/<DOWN> to reach the desired entry. Press

<LEFT>, and then you can select **Details**, **Send Message**, **Delete** or **Delete All**

4.3.4 Delete Lists

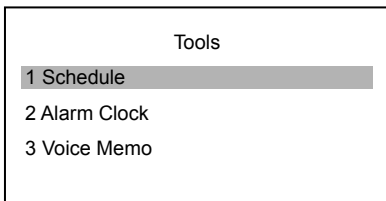
This option enables you to delete all call records

Press <LEFT> <3> <4> to select **Delete Lists**, and then press <LEFT> to complete the deletion

4.4 Tools

From this submenu, you can use the Schedule, Alarm Clock or Voice Memo function

Press <LEFT> <4> to select **Tools**, and the options shown in the following figure will be displayed:

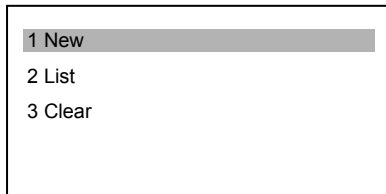


4.4.1 Schedule

This option enables you to set daily schedules as well as alarm reminders for these schedules

When a schedule's preset alarm time expires, the phone will sound the alarm; the schedule contents will be displayed. To dismiss the alarm and return to standby mode, press any key

Press <LEFT> <4> <1> to select **Schedule**, and options shown in the following figure will be displayed



4.4.1.1 New

Select **New** to set a new schedule. A calendar will be displayed. Press <UP>/<DOWN> or <LEFT>/<RIGHT> to reach the desired date, and then press <SELECT>. Enter the schedule contents and press <LEFT>. Key the alarm time for the schedule, and then press <LEFT> to confirm and complete the operation

4.4.1.2 List

Select **List** to display the schedule list. Press <UP>/<DOWN> to highlight the desired schedule entry

- To view contents of the schedule, press <RIGHT>
- To delete this schedule, press <LEFT>. Then, press <LEFT> again to complete the deletion

4.4.1.3 Clear

This option enables you to delete all schedules

Select **Clear** and then press <LEFT> to complete the deletion

4.4.2 Alarm Clock

This function enables you to set the alarm for a specified time. Once activated, the alarm indicator  will be displayed

If the alarm function is active, the alarm will sound every day at the preset time, and an alarm icon and the current time will be displayed. The alarm will sound for 30 seconds unless you dismiss it. To dismiss the alarm and return to standby mode, press any key

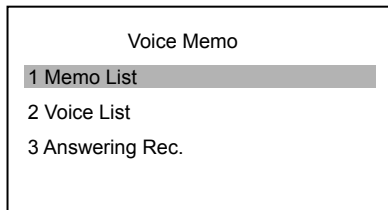
Press <LEFT> <4> <2> to select **Alarm Clock**, and the alarm setting screen will be displayed. If the alarm function is activated, **Alarm On** will be displayed; if the alarm function is deactivated, **Alarm Off** will be displayed

- To change the alarm time and activate the alarm function, press <RIGHT>. Enter the alarm time in 24-hour format, and then press <LEFT> to confirm and complete the operation
- When **Alarm Off** is displayed, you can press <LEFT> to activate the alarm function without changing the alarm time
- When **Alarm On** is displayed, you can press <LEFT> to deactivate the alarm function

4.4.3 Voice Memo

This option enables you to record voice memos and auto-answer messages, or to listen to voice messages

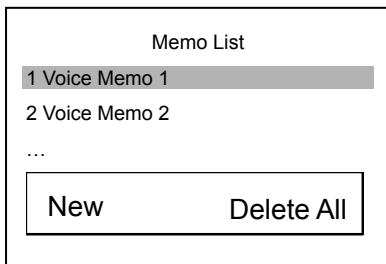
Press <LEFT> <4> <3> to select **Schedule**, and the options shown in the following figure will be displayed:



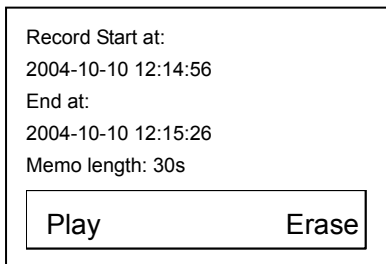
4.4.3.1 Memo List

The phone can record 10 voice memos via the microphone or speaker phone. Each voice memo can be up to 30 seconds in length

Press <LEFT> <4> <3> <1> to select **Memo List**; the voice memo list will be displayed, as shown in the following figure:



- To record a new voice memo, press <LEFT>. Press <LEFT> again to start to record. Press <LEFT> to complete the record
- To delete all voice memos, press <RIGHT>, and then press <LEFT> to complete the deletion
- To listen to or erase a voice memo, press <UP>/<DOWN> to highlight the memo and press <SELECT>. Details of the memo will be displayed. Press <LEFT> or <RIGHT> to play or erase the voice memo

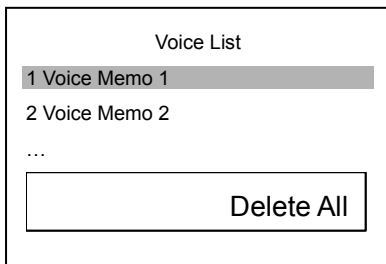


4.4.3.2 Voice List

The phone can store up to 10 caller voice messages

If the auto-answer recording function is active, the phone will automatically record the caller's voice after the phone rings three times. A maximum of 10 voice messages can be recorded. Each message can be up to 30 seconds in length

Press <LEFT> <4> <3> <2> to select **Voice List**; the voice message list will be displayed, as shown in the following figure:

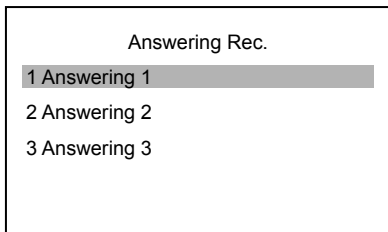


- To listen to or erase a voice message, press <UP>/<DOWN> to highlight the voice message and then press <SELECT>. Details of the voice message will be displayed. Press <LEFT> or <RIGHT> to play or erase the voice memo
- To delete all voice memos, press <RIGHT>, and then press <LEFT> to confirm and complete the deletion

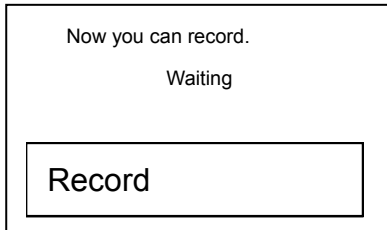
4.4.3.3 Answering Rec.

The phone can record three auto-answer voice messages. If the auto-answer recording function is enabled, the phone will play the auto-answer voice message when it is called

Press <LEFT> <4> <3> <3> to select “**Answering Rec.**”; the voice message list will be displayed, as shown in the following figure:



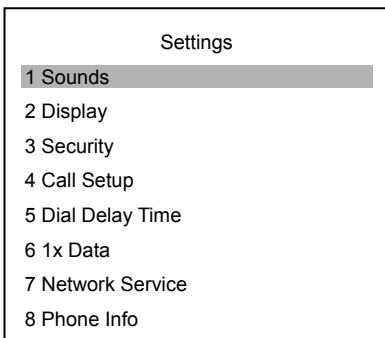
Press <UP>/<DOWN> to highlight the desired auto-answer message, and press <SELECT>. The corresponding auto-answer message will be played. To replace this message, press <LEFT> and record a new auto-answer message. Press <LEFT> to complete the record



4.5 Settings

From this submenu, you can perform various phone settings

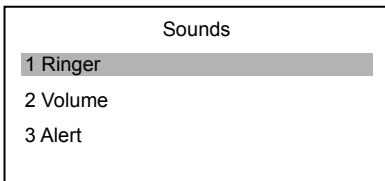
Press <LEFT> <5> to select **Settings**, and the options shown in the following figure will be displayed:



4.5.1 Sound

This option enables you to customize the phone alert settings

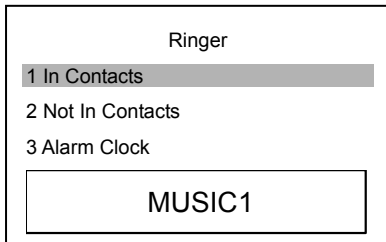
Press <LEFT> <5> <1> to select **Sound**, and the options shown in the following figure will be displayed:



4.5.1.1 Ringer

This option enables you to specify ring tones for incoming calls and alarms

Press <LEFT> <5> <1> <1> to select **Ringer**, and the options shown in the following figure will be displayed



In Contacts

Select **In Contacts** to specify a ring tone for incoming calls from the phone numbers that have been stored in the phone book

Press <UP>/<DOWN> to scroll through the ring tones and listen to a sample of each. After highlighting the desired ring tone, press <SELECT> to confirm and complete the operation

Not In Contacts

Select **Not In Contacts** to specify a ring tone for incoming calls from the phone numbers that are not stored in the phone book

Press <UP>/<DOWN> to scroll through the ring tones and listen to a sample of each. After highlighting the desired ring tone, press <SELECT> to confirm and complete the operation

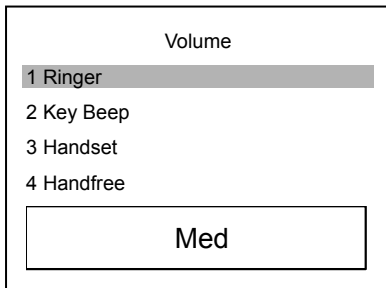
Alarm Clock

Select **In Contacts** to specify an alarm tone for the alarm clock

Press <UP>/<DOWN> to scroll through the alarm tones and listen to a sample of each. After highlighting the desired alarm tone, press <SELECT> to confirm and complete the operation

4.5.1.2 Volume

This option enables you to set volumes for Ringer, Key Beep, Handset (Receiver) and Handfree (Speaker Phone)

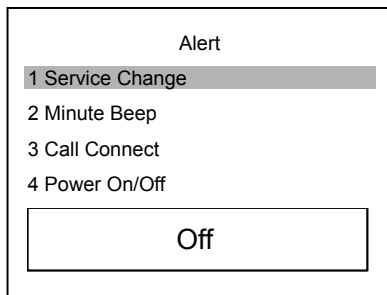


Press <LEFT> <5> <1> <2> to select **Volume**, and the options shown in the above figure will be displayed. Select the desired option. Press <UP>/<DOWN> to scroll through the volume levels and listen to a sample of each. After highlighting the desired volume level, press <SELECT> to confirm and complete the operation

4.5.1.3 Alert

Users can enable or disable the alert. Options can be configured as displayed in the following screen:

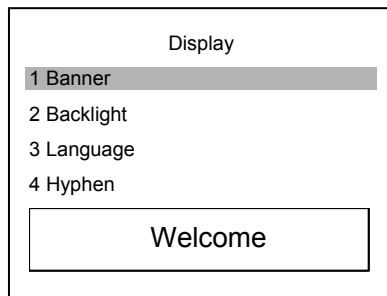
This option enables you to activate or deactivate Service Change, Minute Beep, Call Connect and Power On/Off alert functions



Press <LEFT> <5> <1> <3> to select **Alert**, and the options shown in the above figure will be displayed. Select the desired option. Press <UP>/<DOWN> to highlight **On** or **Off**, and then press <SELECT> to confirm and complete the operation

4.5.2 Display

Press <LEFT> <5> <2> to select **Display**; options shown in the following figure will be displayed:



4.5.2.1 Banner

This option enables you to specify the text displayed in standby mode

Press <LEFT> <5> <2> <1> to select **Banner**. Enter the banner contents (20 characters maximum), and then press <LEFT> to confirm and complete the operation

The default banner is “welcome”

4.5.2.2 Backlight

If the Backlight function is active, the LCD screen will light when you press keys or the phone receives a call or message

This option enables you to define how long the backlight will last after the last keystroke, or to deactivate (Always off) the Backlight function

Press <LEFT> <5> <2> <2> to select **Backlight**. Press <UP>/<DOWN> to highlight **7 Seconds**, **15 Seconds**, **30 Seconds** or **Always off**, and then press <SELECT> to confirm and complete the operation

4.5.2.3 Language

This option enables you to select the language of the phone's text display

Press <LEFT> <5> <2> <3> to select **Language**. Press <UP>/<DOWN> to highlight **English** or **Español** (Spanish), and then press <SELECT> to confirm and complete the operation

4.5.2.4 Hyphen

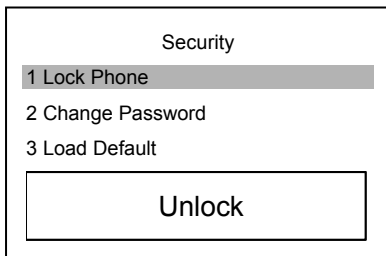
If this function is active, when you dial a number with more than six digits, a hyphen will be inserted before the last four digits; for remaining digits, every three digits will be led by a hyphen

For example, “11234567890” will be displayed as “1-123-456-7890”

Press <LEFT> <5> <2> <4> to select **Hyphen**. Then, select **no** or **yes** to deactivate or activate this function

4.5.3 Security

Press <LEFT> <5> <3> to select **Security**. You will be prompted to enter the security code. Key in the security code and press <SELECT>. If correct, options shown in the following figure will be displayed:



4.5.3.1 Lock Phone

If the phone is locked, you cannot operate the phone before entering the security code

After accessing the **Security** option, press <1> to select **Lock Phone**. Press <UP>/<DOWN> to highlight **Unlock**, **Lock** or **On Power Up**, and then press <SELECT> to confirm and complete the operation

- **Unlock:** Select this option to deactivate phone lock function
- **Lock:** Select this option to lock the phone immediately. To unlock the phone, press <RIGHT>. Enter the security code and press <SELECT>
- **On Power Up:** If this option is selected, after the phone is switched on, the phone will prompt you to enter the security code

4.5.3.2 Change Password

This option enables you to change the security code

After accessing the **Security** option, press <2> to select **Change Password**

1. Enter a new security code, and then press <SELECT>
 2. Enter the new security code again and press <SELECT> to confirm and complete the operation
- The security code is "0000" by default
 - If the new security code entered in step 2 is different from that entered in step 1, when you press <SELECT>, the message **Lock Code does not match** will be displayed
 - To avoid any inconvenience, please remember the new security code

4.5.3.3 Load Default

This option enables you to restore the phone's default settings

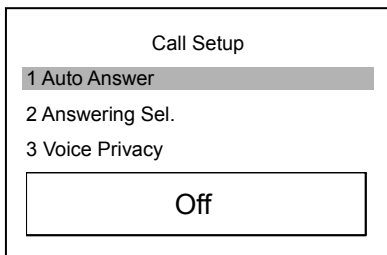
After accessing the **Security** option, press <3> to select **Load Default**. The following settings will be restored:

Functions	Default Settings
Alarm function	Off
In contacts ring type	Music 1
Not In Contacts Ring Type	Music 2
Alarm Ring Type	Music 3
Ring Volume	Med
Key Beep Volume	Med Low
Handfree Volume	High Med
Handset Volume	High Med

Functions	Default Settings
Power On/Off Alert	On
Other Alerts	Off
Banner	Welcome
Backlight	7 Seconds
Language	English
Hyphen	No
Network Service	Off
Security Code	0000

4.5.4 Call Setup

Press <LEFT> <5> <4> to select **Call Setup**, and the options shown in the following figure will be displayed:



4.5.4.1 Auto Answer

Press <LEFT> <5> <4> <1> to select **Auto Answer**. Press <UP>/<DOWN> to highlight **Off**, **After 3 seconds** or **Answering Machine**, and then press <SELECT> to confirm and complete the operation

- **Off**: Select this option to deactivate the Auto Answer function

- **After 3 seconds:** If this option is selected, the phone will answer an incoming call after three seconds of ringing
- **Answering Machine:** If this option is selected, an external answering machine can be connected to the phone

4.5.4.2 Answer Sel.

This option enables you to specify auto-answer voice messages. You can select from the default setting and three self-recorded voice messages

Press <LEFT> <5> <4> <2> to select **Answer Sel.** Press <UP>/<DOWN> to highlight the desired option, and then press <SELECT> to confirm and complete the operation

4.5.4.3 Voice Privacy

This function requires network support

Press <LEFT> <5> <4> <3> to select **Voice Privacy.** Press <UP>/<DOWN> to highlight **Enhanced** or **Standard**, and then press <SELECT> to confirm and complete the operation

4.5.5 Dial Delay Time

While making a call, if you press no keys for a certain period of time, the dialed number will be called automatically. This option enables you to set the time duration (seconds)

Press <LEFT> <5> <5> to select **Dial Delay Time.** Press <UP>/<DOWN> to highlight the desired option, and then press <SELECT> to confirm and complete the operation



Note: If 0 is selected, this function will be deactivated. While making a call, you must press the <SND/RDL> key to call the dialed number

4.5.6 1x Data

Press <LEFT> <5> <6> to select **1x Data**, and the options shown in the following figure will be displayed:

1x Data
1 Data/Fax
2 Port Speed
Off

4.5.6.1 Data/Fax

This option enables you to define the phone's Data/Fax status

Press <LEFT> <5> <6> <1> to select **Data/Fax**. Press <UP>/<DOWN> to highlight the desired option, and press <SELECT> to confirm and complete the operation

- **Off**: Select this option to deactivate the Data/Fax function
- **Fax In Once**: If this option is selected, the next incoming call will be a fax call
- **Fax In Always**: If this option is selected, all incoming calls will be fax calls
- **Data In Once**: If this option is selected, the next incoming call will be a data call
- **Data IN Always**: If this option is selected, all incoming calls will be data calls

4.5.6.2 Port Speed

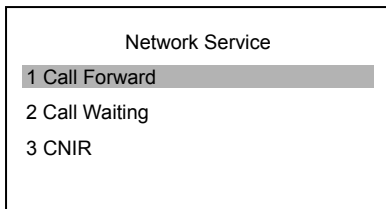
This option enables you to change the phone's port speed

Press <LEFT> <5> <6> <2> to select **Port Speed**. Press <UP>/<DOWN> to highlight **9600**, **19200** (for data and fax calls), **115299** (for Internet) or **230400**, and then press <SELECT> to confirm and complete the operation

- The default port speed is "115200"

4.5.7 Network service

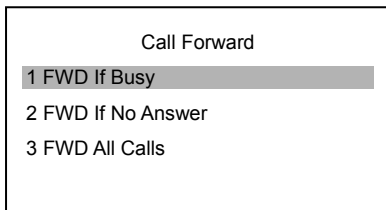
Press <LEFT> <5> <7> to select **Network Service**, and the options shown in the following figure will be displayed:



4.5.7.1 Call Forward

Through this option, the phone can be set to forward incoming calls to the specified phone number. The Call Forward function requires network support

Press <LEFT> <5> <7> <1> to select **Call Forward**, and the options shown in the following figure will be displayed:



- **FWD If Busy:** If this function is activated, when another call comes in during a call, the incoming call will be forwarded to the specified phone number

- **FWD If No Answer:** If this function is activated, when there is an incoming call that remains unanswered for a period of time, the call will be forwarded to the specified phone number
- **FWD All Calls:** If this function is activated, all incoming calls will be forwarded to the specified phone number

After accessing the **Call Forward** option, press <1>, <2> or <3> to select **FWD If Busy**, **FWD If No Answer** or **FWD All Calls**. Then, you can perform the following operations:

- To deactivate the selected function, press <1> to select **Disable**. The phone will initiate a call to the network and display the outgoing number
- To activate the selected function, press <2> to select **Enable**. Follow the prompts to key in the forwarding number and press <LEFT>. The phone will automatically make calling connections with the network and will display the outgoing number

4.5.7.2 Call Waiting

Press <LEFT> <5> <7> <2> to select **Call Waiting**, and then press <1> or <2> to deactivate or activate the Call Waiting function

- This function requires network support

4.5.7.3 CNIR (Calling Number Identification Restriction)

If this function is active, when you dial a call, your phone number will not be displayed on the called party's phone. This function requires network support

Press <LEFT> <5> <7> <3> to select **Call Waiting**. Press <UP>/<DOWN> to highlight **Enable** or **Disable**, and then press <SELECT> to confirm and complete the operation

4.5.8 Phone Info

Press <LEFT> <5> <8> to select **Phone Info**, and the options shown in the following figure will be displayed:

Phone Info

1 Phone Number

2 SW Version

0.2.0

4.5.8.1 Phone Number

This option enables you to store the phone's number

Press <LEFT> <5> <8> <1> to select **Phone Number**. Enter the phone number, and press <LEFT> to confirm and complete the operation

4.5.8.2 SW Version

This option enables you to view the phone's software information

After accessing the **Phone Info** option, press <UP>/<DOWN> to highlight the **SW Version** option, the phone's software version information will be displayed in the lower message box

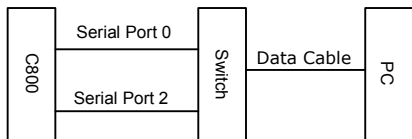
This option enables you to store the phone's number

Press <LEFT> <5> <8> <1> to select **Phone Number**. Enter the phone number, and press <LEFT> to confirm and complete the operation

5. DATA SERVICE

The phone supports Data Service. Data or facsimile information can be transmitted and received via a wireless path, by connecting the phone to a notebook or desktop PC

5.1 Hardware Connection



5.2 Internet

5.2.1 Computer Configuration

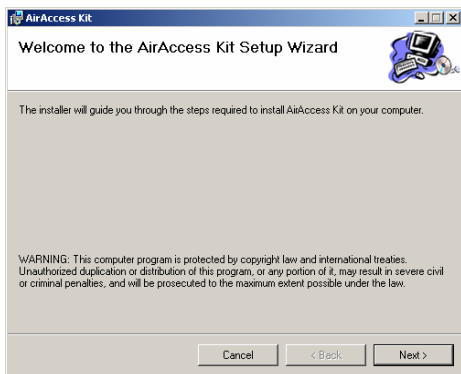
Download the Automatic Configuration software from:

<http://www.gpte.com.cn/product/p34.htm>

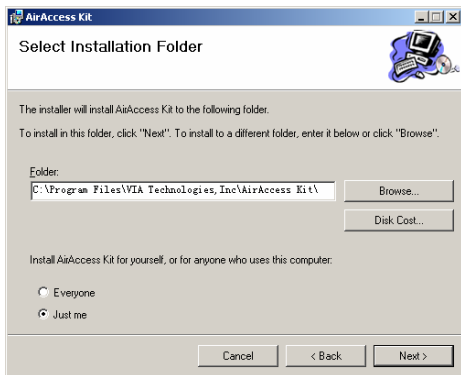
Extract the files to a folder. Then, perform the following operations:

5.2.1.1 AirAccess Kit Installation

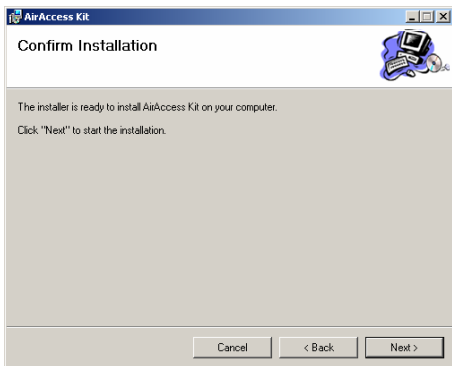
1. Double click “setup.exe” from the extracted folder; the “AirAccess Kit Setup Wizard” window will be displayed:



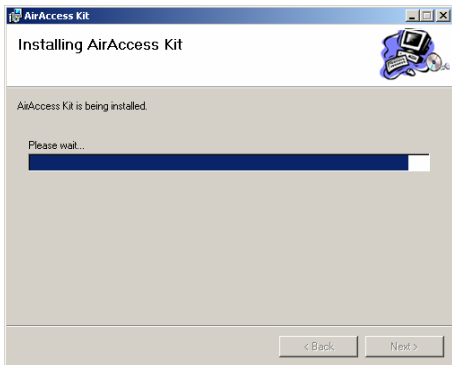
2. Follow the window prompt to click <Next>; the “Select Installation Folder” window will be displayed:

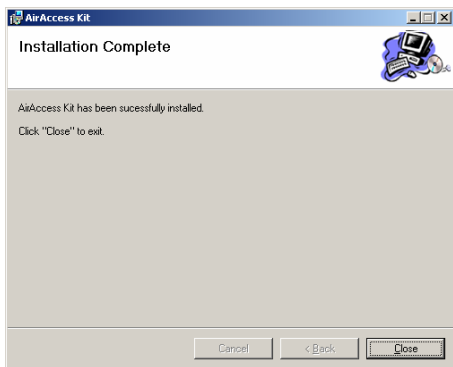


3. Click <Next> to accept the default installation folder. (Or, click <Browse> to specify a different folder, and then click <Next>.) The “Confirm Installation” window will be displayed:



4. Follow the window prompts, click <Next> to start the installation



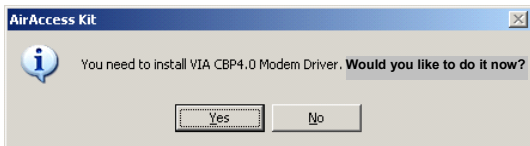


5. When the "Installation Complete" window is displayed, click <Close> to complete the installation

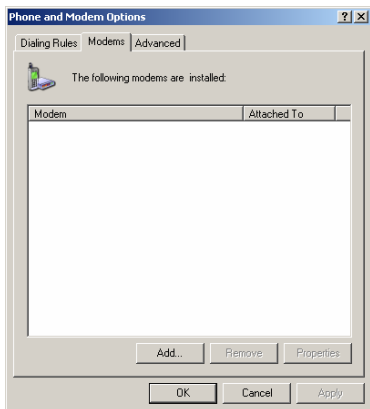
After completing the installation, you can double click the  "AirAccess Kit" shortcut icon on the desktop to run *AirAccess Kit*

5.2.1.2 Modem Driver Installation

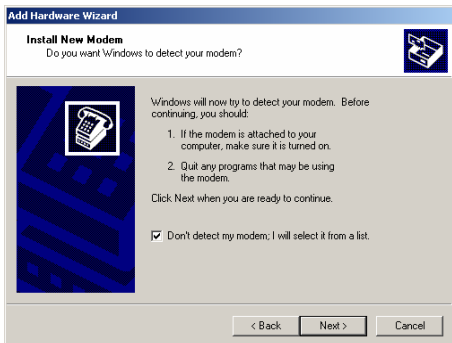
When you run *AirAccess Kit* for the first time, if the CBP4.0 Modem Driver has not been installed on the computer, the executive program will prompt you to install the CBP4.0 Modem Driver. The following window will be displayed:



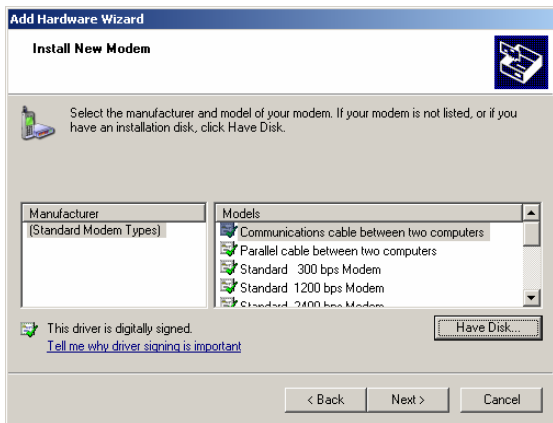
1. Click <Yes> to display the “Phone and Modem Options” window:



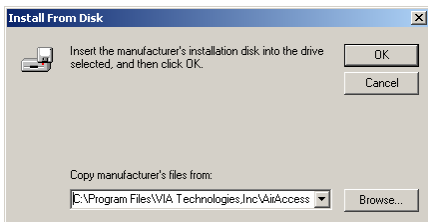
2. Click <Add> to display the “Add Hardware Wizard” window:



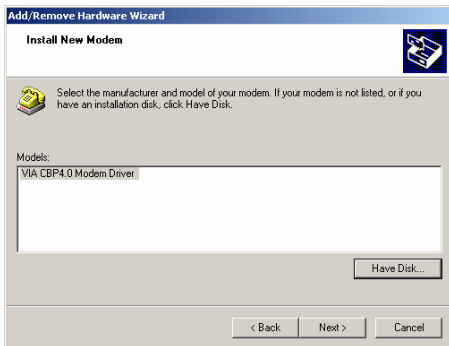
3. Select “Don’t detect my modem. I will select it form a list”, and then click <Next>



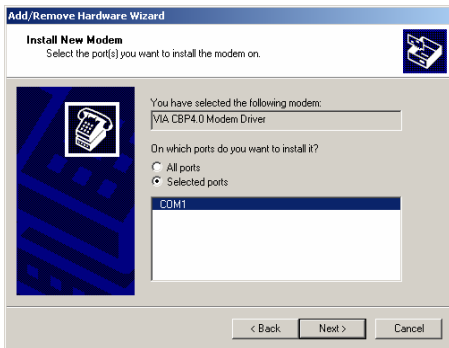
4. Click <Have Disk> to display the “Install From Disk” window



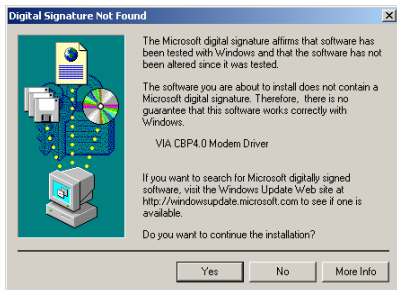
5. Type the directory name of the AirAccess Kit installation folder or click <Browse> to locate the directory. Then, click <OK> to display the following window:



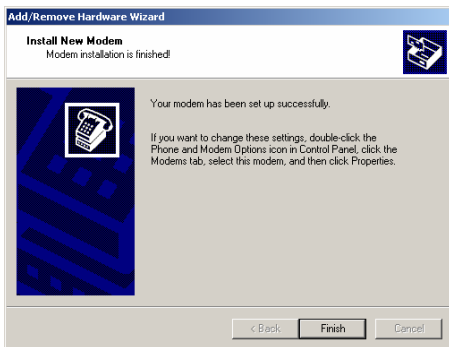
6. Click <Next> to display the following window:



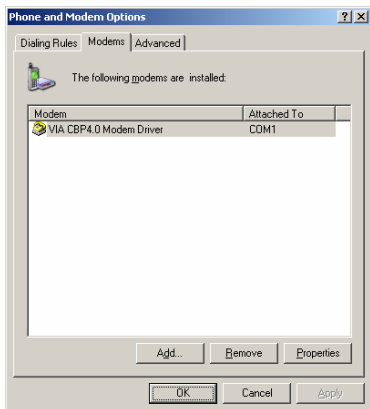
7. Select the desired port(s), and then click <Next> to start the installation. The “Digital Signature Not Found” window will be displayed:



8. Click <Yes> to continue the installation. The following window will be displayed



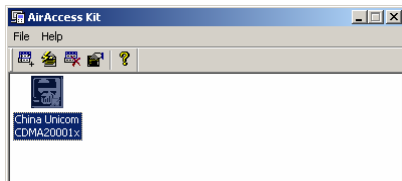
9. Click <Finish> to complete the installation. The installed modem will be displayed in the “Phone and Modem Options” window:



10. Click <OK> to confirm and complete the operation

5.2.1.3 Dial-up Connection

After Modem Driver installation, the system will automatically establish a dial-up connection icon. Double click the icon to dial up



Enter the Internet access number (for example T#777 or #777), and click <Dial>



Then, enter the user name and password to access the network. When connected, you can surf the Internet, send and receive E-mail, use Telnet, FTP and more

5.3 Data Fax

Using the following configuration, you can use fax software to send and receive digital G3 faxes

5.3.1 Computer Configuration

Install a standard 19.2 Kbps modem. Set the port rate to 19.2 Kbps, instead of 115.2 Kbps

Install fax software (either WinFax or Faxpro is recommended). Ensure the modem is properly configured

5.3.2 Phone Configuration

Switch the “SerialChoice” button on the phone to “InterNet”

From the phone menu, set the **Port Speed** option to **19200** (see “Port Speed”)

To receive a fax, set the **Data/Fax** option to **Fax In Once** (see “Data/Fax”)

6. TEXT INPUT METHOD

The phone supports three input methods, including Uppercase Letter, Lowercase Letter and Digit in order to provide easy input for letters and digits in text editing mode

6.1 Switch Input Method

When you enter text-editing mode, the last active input method is displayed. Press <#> to switch between the input methods. The current input method indicator will be displayed at the upper right side of the screen and include:

Input Method	Indicator
Uppercase Letter	ABC
Lowercase Letter	abc
Digit	123

6.2 Uppercase/Lowercase Letter

1. In Uppercase/Lowercase Letter input mode, press <2> ~ <9> repeatedly until the intended letter on the key appears
2. After you have entered the intended letter, press the appropriate key to input the next letter. If the next letter and current letter share the same key, press <DOWN> and then enter the next letter; or simply wait for one second to input again
3. To enter a space, press <0>

6.3 Digit

In Digit input mode, press the number keys <0> ~ <9> to enter the corresponding digits

6.4 Symbol

To enter symbols in text-editing mode, press <*>. The symbol list will be displayed. Press <UP>/<DOWN> to highlight the intended symbol, and then press <SELECT> to enter the selected symbol



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