



## SAR INFORMATION

### THIS MODEL PHONE MEETS THE GOVERNMENT 'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when worn on the body, as described in this user guide, is **0.824 W/kg**. (Body worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of [http://www.fcc.gov / oet / fcc id](http://www.fcc.gov/oet/fccid) after searching on **FCC ID : R2NSXP-800S**.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) web-site at <http://phonefacts.net>. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.

## Caution

Modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## FCC RF EXPOSURE INFORMATION

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency (RF) electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards. To comply with FCC RF exposure requirements, a minimum separation distance of **2.5cm (0.98 inch)** must be maintained between the user/bystander and the back of the unit, including the antenna.

For more information about RF exposure, please visit the FCC website at [www.fcc.gov](http://www.fcc.gov)

**WARNING! Read this information before use**

## FCC Compliance Information

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
  - (2) This device must accept any interference received.
- Including interference that may cause undesired operation.

## Information to User

This equipment 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 equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 equipment and receiver.
- Connect the equipment 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.

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The wireless phone described in this guide is approved for use in CDMA 800, and CDMA 1900 networks.

### **Legal information**

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The information contained in this User Guide was written for the Sungil Telecom SXP-800S. Therefore, the right to make changes and improvements to any of the products described in this guide without prior notice is reserved.

### **Export controls**

This product contains commodities, technology or software exported from the Republic of Korea in accordance with the Export Administration regulations. Diversion contrary to Korean law is prohibited.

## **1. Safety comes first**

Read these simple guidelines before you use your phone.  
Failure to comply with these guidelines may be dangerous or illegal.

### **Be aware of interference**

All wireless phones may get interference that could affect performance.

### **Switch off in hospitals**

Follow any regulations or rules. Switch your phone off near medical equipment.

### **Switch off near blasting**

Do not use your phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

### **Use your phone sensibly**

Use your phone only in the normal position (next to the ear).  
Do not touch the antenna unnecessarily.

### **Use only qualified service personnel**

Only qualified personnel may install or repair phone equipment.

### **Use approved accessories and batteries**

Use only approved accessories and batteries. Do not connect incompatible products.

### **Keep your phone dry**

Your phone is not water-resistant. Keep it dry.

### **Connecting to other devices**

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.

### **Read instructions before you connect to other devices**

When you connect your phone to any other device, read the device's user guide for detailed safety instructions. Do not connect incompatible products. Remember to make backup copies of all important data.

### • Using This Guide

A number of features included in this guide are called Network Services. They are special services provided by wireless service providers. Before you can take advantage of any of these Network Services, you must subscribe to the service(s) from your home service provider and obtain instructions for their use.

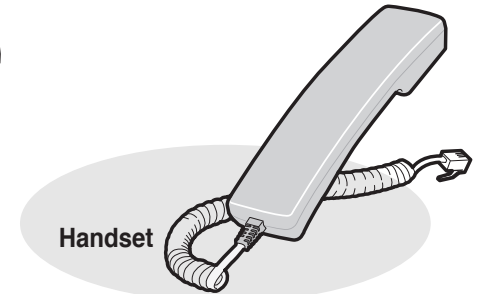
### • DISCLAIMER

It's possible that you may not be able to activate your phone on all wireless systems. Please see your service provider for details.

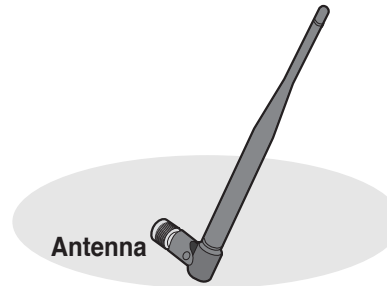
## What's in the box?



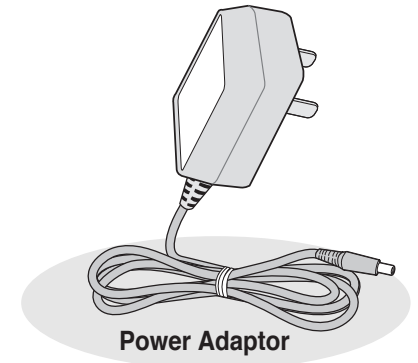
Main Unit



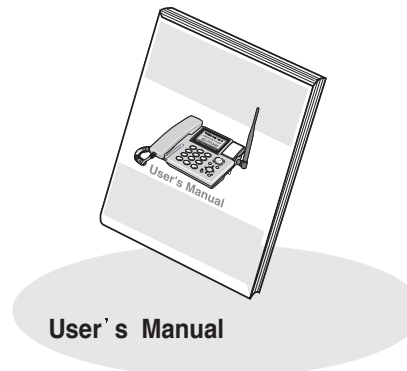
Handset



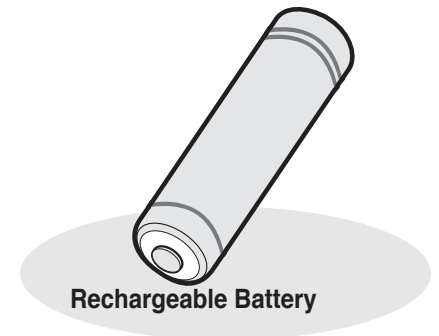
Antenna



Power Adaptor



User's Manual



Rechargeable Battery

## 2. Basics

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### • Power On/Off

#### To Power on

When you are ready to turn your phone on, fully extend the antenna for best reception.

The antenna must be used with main phone unit for best reception. Simply connecting the power adaptor to the back of main phone unit should turn the phone on and three things will happen:

1. The Power LED indicator is turned on
2. The phone beeps and
3. The start-up graphics begin to play

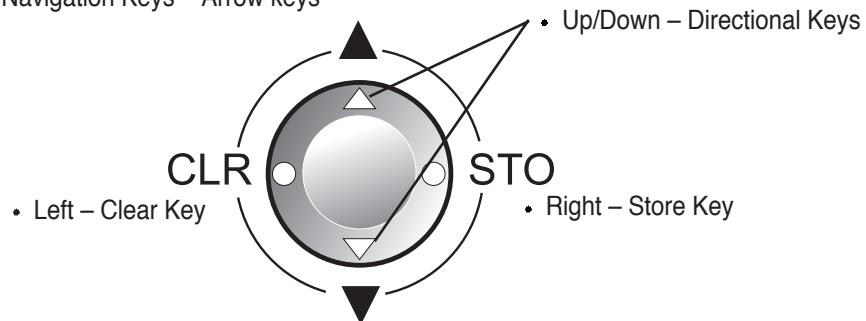
The phone will then begin searching for a network signal. When a signal is found, the RSSI icon appears and your phone enters Standby mode. Now the phone is ready for making calls and receiving calls. (If you want to operate with battery, please turn the battery switch on the back of main phone unit. Battery must be placed in first for battery operation)

#### To Power off

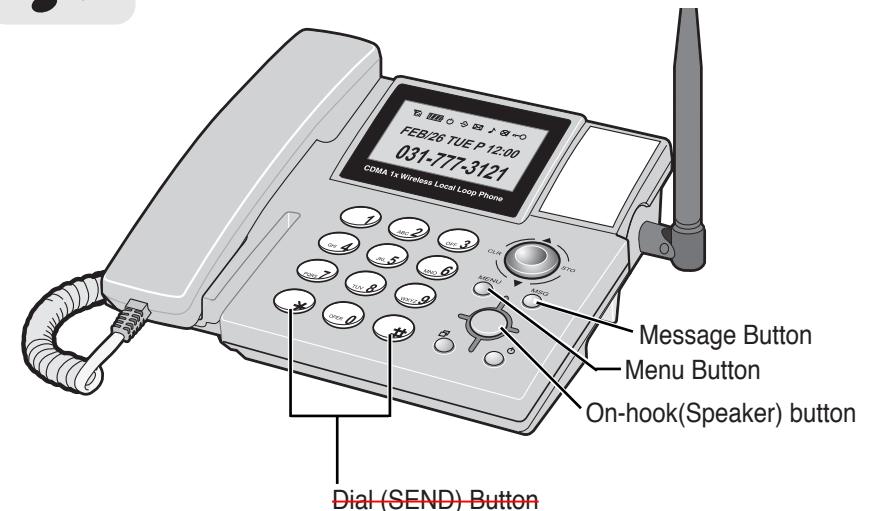
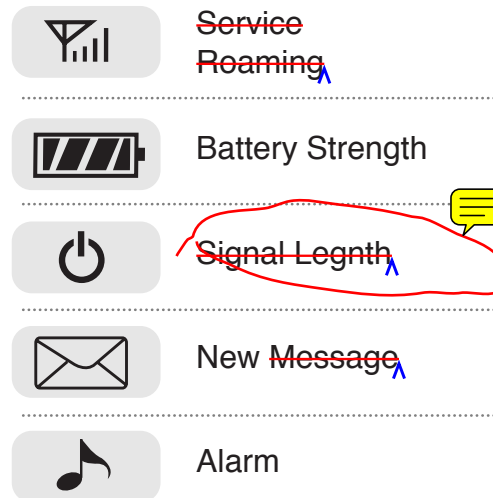
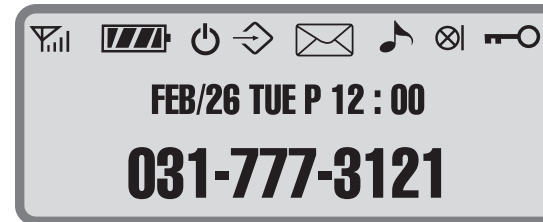
To turn your phone off, simply plug off your power adaptor from the back of main unit. If you are using your battery for operations, then please use the battery power switch on the back of units.

### • Keys

Navigation Keys – Arrow keys



### • Display



### • Getting a strong signal

For best results, fully extend the antenna. Your phone operates on radio waves, and the quality of radio reception depends on the strength of the radio signal in your area. This radio coverage is maintained by a wireless network and the quality of calls on a wireless phone depends on the strength of the wireless radio signal.

*Note: Tip on Efficient Operation: As with any other radio transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.*

If your phone does not detect service at power up, the message “**searching for service**” will be displayed. The phone will continue to search for available service for 15 minutes, at which time it will display No service if none is found. The phone will periodically continue to search for service.

*Note: The phone will not work in analog mode while searching for digital service.*

### Checking signal strength

When at the start screen or in a call, the strength of the radio signal is indicated by the signal indicators on the left side of your phone’s display. These indicators will move up as the strength of the signal increases and down as it decreases.

Increasing your phone’s signal may be easy. Try moving your phone slightly, or move towards a window. Because phone will be primarily be used in residential or commercial buildings, the phone may have to move several times to find the best signal strength.

### • Making/Answering a call

When you pick up a handset or press “OnHook” [  ] button, you will hear a digital tone, simulating an ordinary dial tone. You can answer a call by doing the same. Simply pick up a handset or press “OnHook” [  ] button to answer a call.

### • Ending a call

You can ~~put down your handset~~ to end the call. Or you can press “OnHook Button” to simulate pressing “Hook switch”.

### • Redial

With a dial tone present, you can simply press the “send”  button to get a outgoing list. And also you can move up/down [  ] by using Navigator keys. First one of list is the last number dialed

### • On-Hook Call

To make a call without lifting a handset, or also to receive a call without using a handset, simply press “On Hook” [  ] button to ease the operation. If speaker is included in your phone, then you can engage your conversation through speaker located in bottom right corner of your unit.

### 3. Use the Phone book

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Your phone includes a phone book that can store up to 100 entries (names and associated phone numbers). An entry in the phone book can consist of a number only, or a name and a number.

You cannot enter the same name twice. If you try to save a name that is already in the phone book, the phone will let you know redundancy status with a message of "Already stored number" or "Already stored name".

#### • Open the phone book

There is more than one way to view the names in your phone book:

First enter the phone book menu. Press **Menu, select Phone Book,**  
**Then press select search"** 

#### • Search and retrieve information

**Search**

1) All -> Press Navigation Up/Down [  ] keys to view list of stored names.

2) Name -> Press Store key  to type in the 1st few characters of the name you wish to find.

3) Location -> All entries have a listing number that are associated with hot key numbers. If you already know the hot key number, press the number to find the desired entry.

#### • Save names and numbers

1. Enter a number using keypad on the screen and press "store" [  ] to confirm your entry 

2.  Enter a name using keypad. To switch from 'Eng' mode to 'abc', press 'menu' to switch back. Press 'store' to confirm your entry.

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3. Select your Hot key listing for entered entry. You can choose from 1 to 99 for your Hot Key Dialing.

4. Select your restriction with entered number. If you choose to restrict this number, you will be asked to put a security code. (The default is ~~0000~~) Use navigation Up/Down keys to choose Yes or No. Once selected, press 'store' to confirm your entry.

5. You have successfully entered an entry!

#### • Edit a name or number

You can edit a name, a number, or both.

1. Retrieve the name or number you wish to edit
2. When an entry name is displayed, then press "store" to edit, or "clear" to exit out of the menu.
3. After editing the number for desired entry, press store to overwrite existing information.

#### • Erase stored names and numbers

Erasing stored names and numbers removes them from your phone. Once you erase an item, you can restore it only by reentering it.

1. Enter the phone book menu with following sequence.  
Press Menu, select Phone Book.
2. Select 'Erase' menu using Navigator keys.
3. Search the entry you'd like to erase by a name or from a list.
4. Press "MSG" to confirm your selection.
5. Press "Store" to erase, and "Clear" to exit without erasing the entry.

#### • Memory Dialing

Each entry is stored with a Hot key listing number. Generally, each entry will be stored in sequential order as they are entered into phone book. You can easily make a call using a memory dialing from a Hot Key listing by pressing a memory number. Hold for 2 seconds to initiate the dialing. You will see your memory dialing in progress on display. To dial a two digit number, press the 1st number (10's), and press second digit for 2 seconds.

## 4. Check Call History

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Your phone provides a call log that registers information about calls you make and receive.

The call log keeps track of:

**Missed calls**

**Received calls**

**Outgoing call list (Dialed numbers)**

**Time you placed the call**

Check your call history in call log. Press MENU button to access menu, and select Call Log. Press 'Store' to confirm your selection.

### Outgoing call list

Outgoing calls lists are shown on this list.

#### • Receiving call list

All receiving calls are shown on this list.

#### • Missed call list

All calls that you missed are shown on this list.

## 5. Advanced Features

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### • Set Greeting Message

Greeting message is a display of message when you first switch the phone on (for example, a greeting, your name, or a reminder.) The maximum length is 16 characters.

1. Press MENU button and select Settings (5)
2. Enter the security code. (Default preset code is 0000)
3. Select Display ( 6 ), and then select Greeting ( 2 ) and Press "store" key to go in alpha editor for a message.
4. Select Greeting by editing a message, and press 'store'. Current greeting will be displayed.
5. Press 'store' again to change the current greeting.
6. Set new greeting message you'd like.
7. Press 'store' to confirm the new greeting message

### Calculator

Calculator supports float point calculation up to 3 digit under point. You can use Star Key (  $\times$  ) to change a operator and use Pound Key (  $\#$  ) to change a cursor position..

1. Press MENU button and select Tools (4)
2. Select "Calculator"(2) to run it.

For example of (123.456+9)

1. Press 1,2,3
2. Press Star Key (  $\times$  ) until you meet '.' and press Pound Key (  $\#$  ) and press 4,5 and 6.(You just made 123.456).
3. Press Pound Key (  $\#$  ) to move cursor to right. And press Star Key (  $\times$  ) until you meet '+'.
4. Press Pound Key (  $\#$  ) and Press 9. ( So far, you made 123.456+9)
5. Press Store Key to get a result for 123.456+9.

## • Change your security code

You can personalize your phone to protect your calls and data by setting your own security code. Factory Default is preset at '0000'. Please change the lock code to any 4 digit numbers you'd like.

1. Press MENU button and select "Settings" (5).
2. Enter your old security code. (Default preset code is ~~0000~~)
3. Select "New Code"(1)
4. Enter your new security code, and press 'store'
5. For verification, enter the same code again and press 'store'.

## • Restrict calls

This feature allows you to restrict incoming, outgoing, long distance, and international calls, based on a list of phone numbers that you create.

When calls are restricted, calls may be possible to the emergency number programmed into your phone. (for example, ~~0+1~~ or other official emergency numbers). However, Emergency key may not work depending on the type of restriction you choose.

1. Press Menu, and select "Settings".
2. Enter your security code.
3. Select "Restrict"(3).

Choosing the type of call restrictions

1. Outgoing call – All outgoing calls will be blocked.
2. Incoming call – All Incoming calls will be blocked.
3. Long Distance call – All Long Distance calls will be blocked.
4. International call – All international calls will be blocked.

After making a choice for your call restriction type, press 'store' for confirmation. Current Menu Structure

~~Main Menu ( Menu Key )~~

## • Call forwarding

This network service is used to forward incoming calls to another number so you won't miss an important call. Check with your service provider for details.

## • Call waiting

If you have a call waiting, your phone beeps during a call to let you know that someone else is calling you. Depending on your caller ID setup the phone might also show the number of the incoming call.

Call waiting is not available in all wireless systems. Before you can use call waiting, you must contact your service provider to make sure this feature is available and turned on for your phone. Then you will be able to hear call waiting.

## • Three-way calling (conference call)

While in a call, you can call another number and "conference in" (add) a third party to the call. The conference call features varies based on wireless systems. Contact your service provider for details. If this service is available with your service provider, press "Send" button or Hook switch to "conference in" (add) your third party to the call.

## • Call Menu

First, whenever you are on the call, simply press MENU button to access your Call Menu.

### Mute

This mute function allows you to temporarily stop handset function, so that you can restrict the calling party from hearing your conversation and speaking.

1. First get into 'Call Menu'
2. Press '1' to begin MUTE

## Silent Notepad

Notepad can be accessed during a call in case of emergency writing. Notepads can have up to \*\* amount of numbers on screen, for someone's number. Numbers you wrote down on silent notepad will be stored in top of the Outgoing call list. Please see below for example.

## 6. Personalize phone settings

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You can change certain settings so that your phone suits your own needs and lifestyle. Changes you can make include changing the language on the screen, showing or hiding the clock and volume controls.

### • Adjust volumes

You can change the volume level on your phone, making incoming voices sounds louder or softer. The volume control can be adjusted by accessing the MENU by pressing MENU button and selecting 'Ring/Sound'(3), and then select "Vol Control"(3). In this submenu, you can control one of various volumes after selecting one item and using your navigation Up/down keys. If you meet acceptable volume, Press 'Store' to confirm.

### • Personalize Ring Tones

You can personalize your ring tones following these steps.

1. Press MENU
2. Select Ring/Sound by pressing '3'
3. Select Ring Tone by pressing '2'.
4. Use your navigation UP/DOWN keys to choose your ring tone.

### • Setting the alarm

The alarm clock uses your phone's clock and can be set in advance to sound an alert at a designated time. As long as phone is turned on, your phone will automatically wake up and sound the alarm at the specified time. The volume for the alarm clock is determined by the current ringing volume.

Setting the alarm clock

1. Press Menu 4-1 (Tools – Alarm)
2. Select "SET" to turn your alarm clock on.
3. Input your desired alarm time using keypad. (Input display will be 24-hour)
4. Once the input is finished, press 'Store' to set your alarm on.

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## Turning the alarm clock off

1. Press Menu 4-1 (Tools – Alarm)
2. Select "OFF" to turn your alarm clock off

### • Setting the time format

1. Press Menu-5-6-3 (Menu – Settings –Display – Time)
2. Use your navigational keys (up/down) to choose your time format
  - AM/PM
  - 24 Hour
  - No Display

### • Setting warning ring tones

You can use warning tones to get alerts from your phone for:

#### 1 Minute Alert

1 Minute Talk time alert is used when you'd like to be alerted each minute you are on the phone. The phone will automatically alert with a beep each air time minute.

1. Press MENU button, and press '3' for Ring/Sound
2. Select Service Alert - '5' to access 1 Min Alert Mode

#### Service Area Alert

Service alert can be activated to distinguish the Service Area for your mobile. If the mobile is near. "No Service Area", Antenna display should have no bars to indicate low signal strength. With this alert on, the mobile will alert the user with warning tone and calls will be dropped.

1. Press MENU button, and press '3' for Ring/AlertSound
2. Select Service Alert - '6' to access Alert Mode

## 7. Communicate with text messages and voice mails

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For all text message operation, simply press **MSG** button. Then you will be in **MSG** menu.

### • Write and send a text message

Once you are in **MSG** menu, select '3' to choose 'send' a text message. Then press '1' to write a message.

### • Send and forward a text message

1. Press **MSG**.
2. Press "Text Message"(2) and "Write"(1) to write text message.
3. Press Store after entering dial number.
4. Write message using the alphanumeric keypad
5. Press Store to display a call back number
6. Press Store. Select message type using UP&DOWN
7. Press Store to determine allow this message to be store in memory for using it later.
8. Press Store to send the message.

### • Receiving and Reading a text message

1. If a text message is received, The content of text message and icon will display.
2. Press **MSG** , And select "Text Message"(2) and "Inbox"(3) to see each received msg.
3. Press **SEND** to call back if the caller leaves a phone numbers.

### • Listening a voice message

1. If a voice message is received, The information of voice message and icon will display.
2. Press **MSG** , And select "Voice Mail"(3)
3. Press **SEND** to access voice message center and follow instructions from voice message center.

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### • Erase messages

1. After following key sequence of Reading a text message.
2. If you found a message to be deleted, Press Store key to access Erase Menu.
3. Press Store key to delete or Clear key to exit this menu.
4. If you want to erase all messages, Press **MSG** and "Msg Erase"(5).
5. Press **STO** to erase all.

### • Set variable message option

1. If you get a security for **MSG** menu, Press **MSG**, "Msg Option"(4) and select "Msg Lock"(1). This will request a password for accessing **MSG** menu.
2. If you don't like to be alerted for receiving messages, select "Msg Alert"(2) to set alert on or off..
3. If you need to set voice mail center access number, select "VM Center"(3).
4. At the end of progress for setting option, press store for your option.

## 8. Data and Fax calls

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### • Getting Started

1. Click "Start" and choose "Control panel".
2. Double click "Phone and modem options"
3. Click "modem" then click "add"
4. Click "Don't detect my....list" then click "next"
5. Select "Standard 19200bps Modem" in the Models list then click "next"
6. Click "COM1", then click "next"
7. Click "Finish"
8. Click "Standard 19200 bps Modem COM1" then click "Properties".
9. Select "115200" in Maximum Port Speed" list then click "OK"
10. Click "ok"
11. Double click "Network and Dial-up Connection"
12. Double click "Make New Connection"
13. Click "Next"
14. Click "Dial-up to private network " then click "Next"
15. Select "Modem-standard 19200bps Modem(Com1) then click "Next"
16. Put in "#777" in "Phone number" then click "Next".
17. Select "For all users" or "Only for myself" then click "Next"
18. Click "Finish"
19. Double-click "Dial-up Connection"
20. Input "User name" and "Password" then click "Dial", You can ask your supplier about "User name" and "password"
21. You can see the pictures when the computer access to internet

## Data and fax calls

CDMA 1x WLLPhone

Note: This feature is available only if your service provider's network supports data and fax calls. Data and fax calls may also require that you subscribe to these additional services. Please check with your service provider before sending or receiving data or fax calls. Your phone can function as a fax/modem when connected to your PC or laptop computer via the optional 9-pin RS-232 Data Cable (available through your local Sungil Telecom dealer or any nearby Electronic Shops). You must also have the appropriate fax or data software installed and configured to send and receive data or faxes through your phone.

Note: Although your phone is capable of data transmission rates up to 14.4 Kbps, your actual transmission rate may vary, due to your service provider's network. Please check with your service provider for actual data transmission rates.

### CAN I RECEIVE A DATA OR FAX CALL WHILE A VOICE CALL IS IN PROGRESS?

Yes. Your phone will display either Data call or Fax call, depending on the type of incoming call. If no cable is connected, the phone will display Fax call, connect data cable or Data call, connect data cable. If you have Caller ID, the caller's name or number will also be displayed. You must first terminate the voice call, then launch the appropriate data or fax software and allow the software to accept the incoming call.

### CAN I RECEIVE OTHER CALLS WHILE A DATA OR FAX CALL IS IN PROGRESS?

No. The caller will receive a busy signal.

### CAN I PLACE A VOICE CALL WHILE A DATA OR FAX CALL IS IN PROGRESS?

No. If a voice call is attempted while a data or fax call is in progress, the phone will display End data call? End the data or fax call from your computer's software, or press Back to return to the data or fax call in progress. Even if a data or fax call is not in progress (data is not being transferred), you cannot place a voice call if the data cable is connected to the phone.

## • GETTING STARTED

Make sure your phone is connected to your computer via the optional RS-232C Data Cable and your computer recognizes the new hardware.

See the installation and configuration instructions supplied with RS-232C cable for more information.

## • CONFIGURING YOUR DATA OR FAX SOFTWARE

Once properly connected and configured, your PC will recognize your phone as an external fax/modem. However, your fax or data software may already be configured to use the existing PCMCIA or internal modem.

Before you can use your phone to send and receive data or faxes, you must reconfigure your fax or data software so that it uses your phone rather than your existing modem. You may consider creating a separate set of dialing properties to use when your phone is connected, rather than changing any existing settings. Please refer to the documentation or online help files for your data or fax application when creating new dialing configurations, or modifying existing settings.

## • TO START A DATA OR FAX CALL

Note: The restrict calls feature may affect any data/fax calls you attempt.

If you experience problems, check your call restrictions.

- 1 Initiate a data or fax call using your data or fax software configured for your phone.
- 2 When trying to connect to the network, the phone displays Connecting... Once connected, the text Data call (or Fax call) remains on the display for the duration of the data or fax call.
- 3 Terminate the data call from your data software; fax calls typically terminate automatically.

Note: Avoid terminating a call by pressing the End key. This may cause your data or fax application to temporarily lock up and could cause loss of data.

Note: Data or fax calls cannot be initiated using your phone's keypad. All data and fax calls must be initiated using the data or fax software.

Note: Any touch tones (DTMF tones) needed for calling cards, special long-distance access numbers, etc. must be programmed into the dialing string.

## • TO RECEIVE A DATA OR FAX CALL

Your phone must be connected to your PC via the data cable.

- 1 The appropriate data or fax software must be running. Consider setting your data or fax software to automatically answer incoming calls so you can receive them while away from your PC.

## • BATTERIES AND CHARGERS

- 2 When you receive a call, Data call or Fax call appears and an alert sounds.

- 3 Terminate the data call from your data software; fax calls typically terminate automatically.

Note: Avoid terminating a call by pressing the End key. This may cause your data or fax application to temporarily lock up and could cause loss of data.

## • MANUAL SELECTION OF INCOMING DATA/FAX CALLS

Certain service providers require that you preset your phone to receive the incoming data or fax call, rather than having the phone automatically detect the call type.

Note: Check with your service provider to see if "pre-arrangement" of data and/or fax calls is necessary.

Most popular data and fax programs allow you to send additional initialization commands to the modem when the program is launched, or when the modem is instructed to receive a call. You will need to modify your phone's modem configuration in the data or fax software so that it sends the following special initialization string to the modem.

~~TO PRESET YOUR PHONE TO RECEIVE A DATA CALL:~~

~~AT+CSP=1~~

~~TO PRESET YOUR PHONE TO RECEIVE A FAX CALL:~~

~~AT+CSP=2~~

You should only have to make this modification once; these settings typically are saved as a part of your data or fax program's settings. Please refer to the documentation or online help files for your data or fax application when modifying your modem's initialization string.

When the software has sent the proper command to your phone, the phone will display Data reception only or Fax reception only momentarily, along with either a d or f status indicator at the start screen.

Once your phone is preset for either data or fax reception, you cannot receive incoming voice calls. You must either remove the data cable or turn the phone's power off and back on to restore normal voice call reception.

## 9. Troubleshooting

CDMA 1x WLLPhone

### WHAT IF CHARGING FAILS?

~~If your phone displays Not charging, charging is suspended.~~ Make sure the battery is connected to an approved charging device and that the battery is at room temperature. Extreme temperatures, hot or cold, can affect your battery's performance and prevent charging.

If charging still fails, disconnect the charger from your phone. Then reconnect the charger to your phone and retry. If you still experience charging problems, contact your dealer and, if necessary, bring your phone in to have it serviced. Don't forget your battery and charger.

### NO SERVICE

If you're outside the wireless service area, No service will display on your phone. No calls can be made or received, including emergency calls.

### WHAT IF THE CALL DOESN'T GO THROUGH?

Your phone can make and receive calls only ~~when it's switched on~~ and in the wireless network's service area. No service means that you're probably outside the wireless service area. No calls can be made or received. See "Checking signal strength" on page [A-1](#).

Check call restrictions means calls to the phone number you tried to call are restricted (see "Restricting calls" on page [A-1](#)), or your phone is locked. (See "Phone lock" on page [A-1](#)).

Note: Check with your service provider for information about when you need to dial a '1' and/or an area code in addition to the number.

### IF YOU MAKE A MISTAKE DIALING

Press Clear to delete the last character entered, or press and hold Clear to delete all characters entered.

## 10. Reference Information

CDMA 1x WLLPhone

This section provides information about the phone's batteries, accessories, chargers, safety guidelines and technical information. Be aware that the information in this section is subject to change as the batteries, chargers, and accessories change.

### • BATTERIES AND CHARGERS

This phone is intended for use ~~when supplied with power from chargers labeled \_\_\_\_\_~~. Other usage could invalidate any approval given to this apparatus and might be dangerous.

Warning: When you purchase batteries, chargers, and accessories for your phone, use only batteries, chargers, and accessories that have received approval from the phone's manufacturer. The use of any other type of phone-related hardware will invalidate any approval or warranty applying to the phone, and could also be dangerous. For availability of approved batteries, chargers, and accessories, check with your dealer.

- When the battery is fully charged, the indicator will tell you that the battery is fully charged.
- When you are not using a charger, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging could shorten its lifespan. If left unused, a fully charged battery will discharge itself over time. Temperature extremes can affect the ability of your battery to charge. Therefore, allow it to cool down or warm up before trying to charge it. When the battery is running out of power and your phone only has a few minutes of talk time remaining, a warning tone sounds and the Battery low icon appears on top menu. When no more talk time is left, a warning tone is sounded and the phone switches itself off.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object, like a coin, a clip, or a pen causes a direct connection of the + and - terminals of the battery, which are metal strips on the back of the battery.

An example of short-circuiting could occur if you carry a spare battery in a location where the battery could come into contact with such objects as a coin. Short-circuiting could damage either the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in either summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15° C and 25° C (59° F and 77° F).

A phone with a hot or cold battery might not work temporarily, even if the battery is fully charged. The performance of Li-Ion batteries is particularly limited in temperatures below 0° C (32° F).

The following list provides guidelines that you can follow:

- When the operating time (talk time and standby time) is noticeably shorter than normal, buy a new battery.
- Use the battery only for its intended purpose.
- Never use any charger or battery that is damaged and/or worn out.
- Batteries must be recycled or disposed of properly. Do not cut or puncture batteries, and do not dispose of batteries by putting them in fire!
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

## • IMPORTANT SAFETY INFORMATION

This section provides additional safety information. A brief overview of safety can be found in "Safety first" on page 1.

### Traffic safety

Do not use a hand-held telephone while driving a vehicle.

Always secure the phone into its holder; do not place the phone on the passenger seat or where it can break loose in a collision or a sudden stop.

~~The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.~~

Remember: Road safety always comes first!

### Operating environment

Remember to follow any special regulations that are in force in any area, and always switch off your phone wherever it is forbidden to use it, or when it may cause interference or danger.

Use the phone only in its normal operating positions.

### Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. The following four subsections provide more information about this topic.

#### PACEMAKERS

Pacemaker manufacturers recommend that a minimum separation of six inches (20 cm) be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless

Technology Research. Persons with pacemakers:

- Should always keep the phone more than 6 inches (20 cm) from their pacemakers when the phone is switched on
- ~~• Should not carry the phone in a breast pocket~~
- Should use the ear opposite the pacemaker to minimize the potential for interference

If you have any reason to suspect that interference is taking place, switch off your phone immediately.

#### HEARING AIDS

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

#### OTHER MEDICAL DEVICES

Operation of any radio transmitting equipment, including cellular phones, may interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy or if you have any questions. Switch off your phone in health care facilities or when any posted regulations instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

#### VEHICLES

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. These could include electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, or air bag systems.

Check with the manufacturer or its representative regarding your vehicle.

You should also consult the manufacturer of any equipment that has been added to your vehicle.

#### POSTED FACILITIES

Switch your phone off in any facility where posted notices so require.

## Potentially explosive atmospheres

Switch off your phone if you are in any area with a potentially explosive atmosphere, and obey all signs and instructions. Sparks in such areas could cause an explosion or fire, resulting in bodily injury or even death.

You are advised to switch off the phone while at a refueling point (service station). You are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often—but not always—clearly marked. These areas include the following: below deck on boats; chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

## Vehicles

Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty that could apply to the unit.

Regularly check that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts, or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both the installed or the portable wireless equipment, in the area over the air bag or in the air bag deployment area. If the in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

FCC regulations prohibit using your phone while in the air. Switch off your phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network, and may be illegal.

Failure to observe these instructions could lead to the suspension or the denial of telephone services to the offender, legal action, or both.

## EMERGENCY CALLS

### IMPORTANT

This phone, like any wireless phone, operates using radio signals, wireless and landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore, you should never rely solely on any wireless phone for essential communications (for example, medical emergencies). Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

### Make an emergency call

1 If the phone is not on, switch it on.

2 Enter the emergency number for your present location (for example, 911 or any other official emergency number—emergency numbers vary by location).

3 Press .

If certain features are in use (Keyguard, fixed dialing, restrict calls, and so on), you might first need to turn those features off before you can make an emergency call. Consult this guide and your local cellular service provider. When making an emergency call, remember to give all of the necessary information as accurately as possible. Remember that your wireless phone may be the only means of communication at the scene of an accident—do not end the call until given permission to do so.

### Certification information (SAR)

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES. Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.\* Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC for each model. The highest SAR values, as reported to the FCC for this model phone, when tested for use at the ear is 1.15 W/kg, and when worn on the body, as described in this user guide, is 0.9 W/kg.

(Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.) While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of

*<http://www.fcc.gov/oet/fccid> after searching on FCC ID GML NPW-2NX.*

For body-worn operation, to maintain compliance with FCC RF exposure guidelines, use only Sungil Telecom-approved accessories. When carrying the phone while it is on, place the phone in the carrying case (Sungil Telecom Tested Accessory) that has been tested for compliance.

Use of non-Sungil Telecom-approved accessories may violate FCC RF exposure guidelines and should be avoided.

\*In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions,

Please look under product information at [www.sungiltele.com](http://www.sungiltele.com).

## Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfill any warranty obligations and allow you to enjoy this product for many years.

When using your phone, battery, charger, or any accessory:

- Keep the phone and all its parts and accessories out of the reach of small children.
  - Keep the phone dry. Precipitation, humidity, and all types of liquid or moisture contain minerals that will corrode electronic circuits.
  - Do not use or store the phone in dusty, dirty areas as its moving parts can be damaged.
  - Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
  - Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone and may damage the phone's electronic circuit boards.
  - Do not attempt to open the phone. Non expert handling of the device could damage it.
  - Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.
  - Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.
  - Do not paint the. Paint can clog the device's moving parts and prevent proper operation.
  - Use only the supplied or a Sungil Telecom-approved replacement antenna.
- Unauthorized antennas, modifications, or attachments could damage the phone and may violate regulation government radio devices.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

## • ACCESSORIES

If you want to enhance your phone's functionality, a range of accessories is available for you. You can select any of these items to help accommodate your specific communication needs. For availability of these and other accessories, contact your service provider.

A few practical rules for accessory operation:

- Keep all accessories out of reach of small children.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that any vehicle-installed accessories are mounted and are operating properly.
- Installation of any complex car accessories must be made by qualified personnel only.
- Use only batteries, chargers, and accessories that have been approved by the phone manufacturer. The use of any other types could invalidate any approval or warranty applying to the phone and could damage it.
- Do not drop, knock, or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.
- Do not paint the <sup>Λ</sup> Paint can clog the device's moving parts and prevent proper operation.
- Use only the supplied or a Sungil Telecom-approved replacement antenna.

Unauthorized antennas, modifications, or attachments could damage the phone and may violate regulation government radio devices.

- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

## • BATTERIES

This section provides information about the phone's batteries. Be aware that the information in this section is subject to change.

Dispose of used batteries in accordance with any local regulations.

The tables shown in this section provide information about battery options that are available for your phone, charging times with the Power Adaptor, talk times, and standby times. Consult your service provider for more information. The charging times listed in the next section are approximate.

### Charging times

The following table shows battery charging times for the specified charger.

### Standby and talk times

The times shown in the following table are approximate and represent a range for either standby or talk times (not a combination of both). Battery operation times vary according to signal conditions, network parameters set by the service provider, how you charge your phone and how you use your phone, and also the transmitting power level.

Warning: Dispose of used batteries in accordance with any local regulations. <sup>Λ</sup>

## • CHARGERS AND OTHER ACCESSORIES

This section provides information about the phone's chargers and accessories.

Be aware that the information in this section is subject to change as the chargers and accessories change.

The chargers and accessories that are described in this section are available for your phone. Contact your dealer for details. Also, refer to the accessories brochure that was included in your sales package for the entire line of Sungil Telecom Original Accessories.

### ~~When a power adaptor is not in use~~

- ~~• When a charger is not in use, disconnect it from the power source.~~
- ~~• Do not leave the battery connected to a charger for longer than a week, since overcharging the battery could shorten its lifespan. If left unused, a fully charged battery will discharge itself over time.~~

## Power Adaptor

This is a lightweight and durable AC charger. Calls can be made during charging, even with a fully discharged battery.

- To use the ~~Rapid Travel Charger (ACP-8U)~~, plug it into a standard 120V or 220V AC wall outlet, and connect the lead from the charger to the base of your phone. The charger can also be used together with the optional Desktop Charging Stand. Approximate charging times for discharged batteries are shown in on page ~~xxx~~ <sup>4</sup>

## • TROUBLESHOOTING

~~This section lists some of the most commonly encountered problems and provides possible solutions.~~

~~My phone isn't charging.~~

~~The charger and the phone are not properly connected.~~

~~Securely connect the charger to the phone.~~

~~The charger is not properly plugged in.~~

~~Ensure that the charger is plugged in correctly.~~

~~My phone isn't making/receiving calls.~~

~~The battery is not charged.~~

~~Charge the battery.~~

~~The signal strength is poor.~~

~~If you are indoors, move toward a window.~~

## ~~11. Terms and Conditions & Warranty~~

### ~~Sungil Telecom One Year Limited Warranty~~

~~Sungil Telecom Inc. ("SUNGIL TELECOM") warrants that this cellular phone ("Product") is free from defects in material and workmanship that result in Product failure during normal usage, according to the following terms and conditions:~~

- ~~1 The limited warranty for the Product extends for ONE (1) year beginning on the date of the purchase of the Product.~~
- ~~2 The limited warranty extends to the original purchaser of the Product ("Consumer") and is not assignable or transferable to any subsequent purchaser or user.~~
- ~~3 The limited warranty extends only to Consumers who purchase the Product in the United States.~~
- ~~4 During the limited warranty period, SUNGIL TELECOM will repair, or replace, at SUNGIL TELECOM's sole option, any defective parts, or any parts that will not properly operate for their intended use with new or refurbished replacement items if such repair or replacement is needed because of product malfunction or failure during normal usage. No charge will be made to the Consumer for any such parts. SUNGIL TELECOM will also pay for the labor charges incurred by SUNGIL TELECOM in repairing or replacing the defective parts. The limited warranty does not cover defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts. SUNGIL TELECOM's limit of liability under the limited warranty shall be the actual cash value of the Product at the time the Consumer returns the Product for repair, determined by the price paid by the Consumer for the Product less a reasonable amount for usage. SUNGIL TELECOM shall not be liable for any other losses or damages. These remedies are the Consumer's exclusive remedies for breach of warranty.~~
- ~~5 Upon request from SUNGIL TELECOM, the Consumer must prove the date of the original purchase of the Product by a dated bill of sale or dated itemized receipt.~~
- ~~6 The Consumer shall bear the cost of shipping the Product to the Customer Service Department of SUNGIL TELECOM. SUNGIL TELECOM shall bear the cost of shipping the Product back to the Consumer after the completion of service under this limited warranty.~~
- ~~7 The Consumer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:~~
  - ~~a) The Product has been subject to abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of SUNGIL TELECOM, including damage caused by shipping.~~

- b) ~~The product has been damaged from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightening, earthquake or damage from exposure to weather conditions, an Act of God, or battery leakage, theft, blown fuse, or improper use of any electrical source, damage caused by computer or internet viruses, bugs, worms, Trojan Horses, cancelbots or damage caused by the connection to other products not recommended for interconnection by SUNGIL TELECOM.~~
  - c) ~~The Customer Service Department at SUNGIL TELECOM was not advised by the Consumer in writing of the alleged defect or malfunction of the Product within fourteen (14) days after the expiration of the applicable limited warranty period.~~
  - d) ~~The Product serial number plate or the accessory data code has been removed, defaced or altered.~~
  - e) ~~The defect or damage was caused by the defective function of the cellular system or by inadequate signal reception by the external antenna.~~
- 8 ~~If a problem develops during the limited warranty period, the Consumer shall take the following step by step procedure:~~
- a) ~~The Consumer shall return the Product to the place of purchase for repair or replacement processing.~~
  - b) ~~If "a" is not convenient because of distance (more than 50 miles) or for other good cause, the Consumer may contact the Customer Service Department at SUNGIL TELECOM, at the phone number listed on the bottom of the next page, for further instructions.~~
  - c) ~~The Consumer shall ship the Product prepaid and insured.~~  
~~Expenses related to removing the Product from an installation are not covered under this limited warranty.~~
  - d) ~~The Consumer will be billed for any parts or labor charges not covered by this limited warranty. The Consumer will be responsible for any expenses related to reinstallation of the Product.~~
  - e) ~~SUNGIL TELECOM will repair or authorize the repair of the Product under the limited warranty within 30 days after receipt of the Product by SUNGIL TELECOM or an SUNGIL TELECOM authorized service center. If SUNGIL TELECOM cannot perform repair covered under this limited warranty within 30 days, or after a reasonable number of attempts to repair the same defect, SUNGIL TELECOM at its sole option, will provide a replacement Product or refund the purchase price of the Product less a reasonable amount for usage.~~

- f) ~~If the Product is returned to the Customer Service Department at SUNGIL TELECOM during the limited warranty period, but the problem with the Product is not covered under the terms and conditions of this limited warranty, the Consumer will be notified and given an estimate of the charges the Consumer must pay to have the Product repaired, with all shipping charges billed to the Consumer. If the estimate is refused, the Product will be returned freight collect. If the Product is returned to the Customer Service Department at SUNGIL TELECOM after the expiration of the limited warranty period, SUNGIL TELECOM's normal service policies shall apply and the Consumer will be responsible for all shipping charges.~~  
~~The Product consists of newly assembled equipment that may contain used components that have been reprocessed to allow machine compliance with Product performance and reliability specifications.~~

~~10 ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR USE, SHALL BE LIMITED TO THE DURATION OF THE FOREGOING LIMITED WRITTEN WARRANTY. OTHERWISE, THE FOREGOING LIMITED WARRANTY IS THE CONSUMER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. SUNGIL TELECOM DOES NOT WARRANT UNINTERRUPTED OR ERROR FREE INTERNET OR DATA CONNECTIONS. SUNGIL TELECOM SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OF SAVINGS OR REVENUE, PUNITIVE DAMAGES, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT OR FACILITIES, DOWNTIME, THE CLAIMS OF ANY THIRD PARTIES, INCLUDING CUSTOMERS, AND INJURY TO PROPERTY, RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL OR EQUITABLE THEORY, EVEN IF SUNGIL TELECOM KNEW OF THE LIKELIHOOD OF SUCH DAMAGES. SUNGIL TELECOM SHALL NOT BE LIABLE FOR DELAY IN RENDERING SERVICE UNDER THE LIMITED WARRANTY, OR LOSS OF USE DURING THE PERIOD THAT THE PRODUCT IS BEING REPAIRED OR LOSS OF DATA.~~

~~11 Some states do not allow limitation of how long an implied warranty lasts, so the above one year warranty limitation may not apply to you (the Consumer). Some states do not allow the exclusion or limitation of incidental and consequential damages, so certain of the above limitations or exclusions may not apply to you (the Consumer). This limited warranty gives the Consumer specific legal rights and the Consumer may also have other rights which vary from state to state.~~

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~~16 Questions concerning this limited warranty may be directed to: Customer Service Department at Sungil Telecom, customerservice@sungiltele.com, 82) 31-777-3121~~

~~17 The limited warranty period for Sungil Telecom Product Corp. supplied attachments and accessories are specifically defined within their own warranty cards and packaging.~~

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## Current Menu Structure

CDMA 1x WLLPhone

### Main Menu ( Menu Key )

| Menu Item    | Sub Menu        |                         |
|--------------|-----------------|-------------------------|
| 1. Call logs | 1.Outgoing      |                         |
|              | 2.Incoming      |                         |
|              | 3.Missed        |                         |
|              | 4.Erase history |                         |
|              | 5.Air Time      | 1.Display               |
|              |                 | 2.Total Air Time        |
|              |                 | 3.Clr Air Time          |
| 2.Phone Book | 1.Search        |                         |
|              | 2.Add           |                         |
|              | 3.Erase         |                         |
|              | 4.My phone #    |                         |
| 3.Ring/Sound | 1.Ring Type     | 1.Sound+Lamp            |
|              |                 | 2.Lamp                  |
|              | 2.Ring Tone     |                         |
|              | 3.Vol Control   | 1.Ring Vol              |
|              |                 | 2.Key Vol               |
|              |                 | 3.Handset Vol           |
|              |                 | 4.SpK Vol               |
|              | 4.DTMF Tone Len |                         |
|              | 5.1 Min Alert   |                         |
|              | 6.Svc Alert     |                         |
| 4.Tools      | 1.Alarm         | 1.Alarm Set             |
|              |                 | 2.Alarm Tone            |
|              | 2.Calculator    |                         |
|              | 3.Cost Setup    | * Need User Requirement |
| 5.Settings   | 1.New Code      |                         |
|              | 2.Area Code     |                         |
|              | 3.Restrict      |                         |
|              | 4.Reset Phone   |                         |
|              | 5.Auto Lock     |                         |
|              | 6.Display       | 1.LCD Contrast          |
|              |                 | 2.Greeting              |
|              |                 | 3.Time                  |
|              | 7.Voice Privacy | Enhanced -> Set         |

CDMA 1x WLLPhone

### ~~Hidden Menu ( Menu + 0 Key )~~

| Menu Item                   | Sub Menu |  |
|-----------------------------|----------|--|
| <del>1.Version</del>        |          |  |
| <del>2.Auto Send Time</del> |          |  |
| <del>3.Rx Data Mode</del>   |          |  |
| <del>4.SIO</del>            |          |  |
| <del>5.Language</del>       |          |  |
| <del>6.System Info</del>    |          |  |
| <del>7.Audiable Tone</del>  |          |  |

### Message Menu ( Message Key )

| Menu Item      | Sub Menu     |                |
|----------------|--------------|----------------|
| 1.Display      |              | Voice Msg – 00 |
|                |              | Text Msg - 00  |
| 2.Text Message | 1.Write      |                |
|                | 2.View Saved |                |
|                | 3.Inbox      |                |
|                | 4.Outbox     |                |
| 3.Voice Mail   |              |                |
| 4. Msg Option  | 1. Msg Lock  |                |
|                | 2. Msg Alert |                |
|                | 3. VM Center |                |
| 5, Msg Erase   |              |                |

### On Conversation Menu ( Menu Key while conversation )

| Menu Item | Sub Menu |  |
|-----------|----------|--|
| 1.Mute    |          |  |
| 2.Notepad |          |  |

### ~~System Menu ( Specific key sequence like KN )~~

| Menu Item                | Sub Menu |  |
|--------------------------|----------|--|
| <del>1.Hot Line</del>    |          |  |
| <del>2.Emergency</del>   |          |  |
| <del>3.Head Number</del> |          |  |
| <del>4.Mirroring</del>   |          |  |

### ~~NumEdit Menu ( Menu Key on Numeric Editor)~~

| Menu Item | Sub Menu |  |
|-----------|----------|--|
| [Pause]   |          |  |
|           | 1.Hard   |  |
|           | 2.Time   |  |
|           | 3.Hyphen |  |

Standard > Release