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CDMA Fixed wireless Phone

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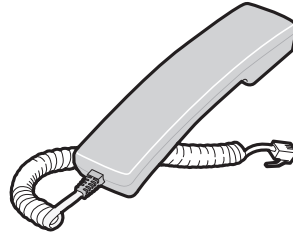
1. Phone Components

CDMA Fixed wireless Phone

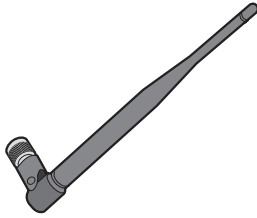
Main Unit



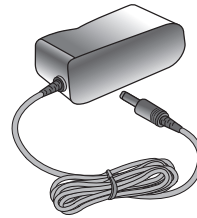
Handset



Antenna



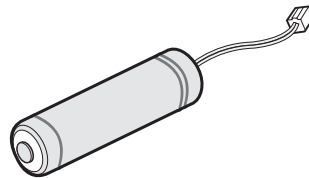
Power Adaptor



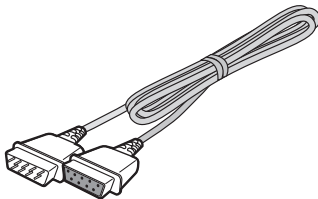
User's Manual



Rechargeable Battery

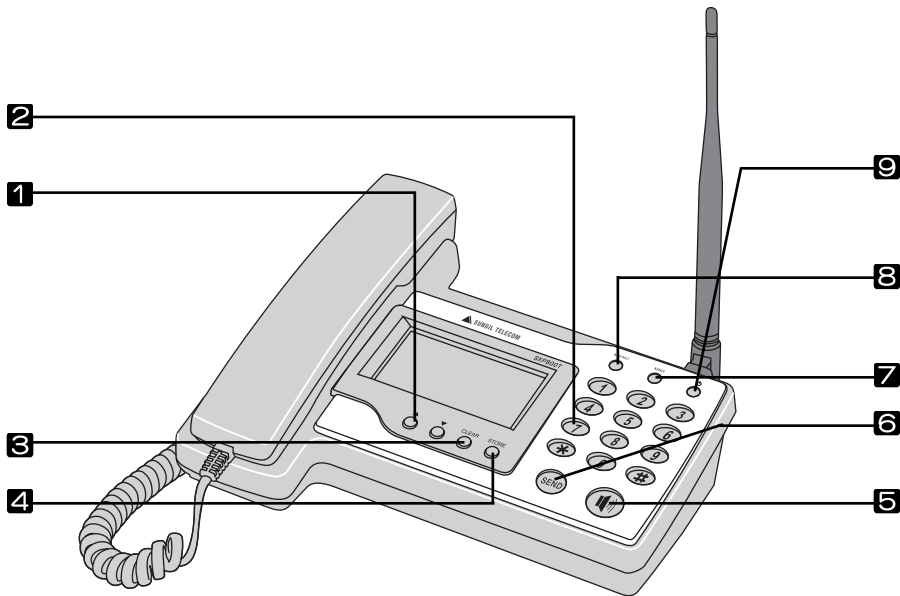


Data Cable (Optional)



2. Main Operation Keys

CDMA Fixed wireless Phone










- | | |
|-----------------------------------|---|
| 1. Up/Down Navigation Keys | Easy navigational keys to explore the phone menu. |
| 2. Number keys | Large and easy-to-recognize number/text keys are used to input numbers |
| 3. Clear Key | To exit out of any menu or to cancel the setup process |
| 4. Store Key | To confirm the any setting or to proceed to next sub menu |
| 5. Speaker Key | This button will enable the phone to dial with a tone without picking up a handset. |
| 6. Send Key | This button will automatically send already input numbers to make a call |
| 7. Message Menu Key | To check your text and voicemail message |
| 8. Main Menu Key | In this menu, you can set up and check the functions of the phone |
| 9. Power Indicator LED | This LED indicates the on/off status of the phone. |

3. LCD Display

CDMA Fixed wireless Phone



	RSSI Signal Strength Indicator
	Indicates that phone is exploring Main Menu or Message Menu
	Indicates the Alarm status
	Indicates that user has a message in the mailbox
	Used when calling or receiving an outside trunk call
	User is using the phone book menu.
	Battery Signal Indicator

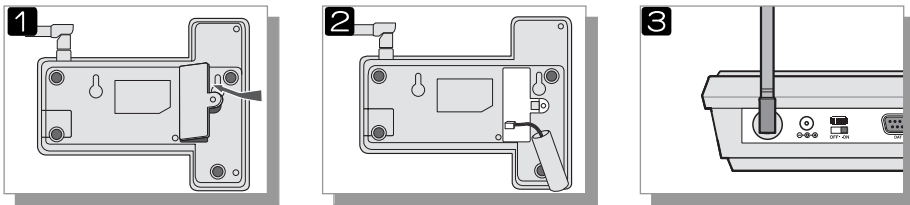
4. Battery

CDMA Fixed wireless Phone

► Installing a Battery

The FWP is powered by a rechargeable Li-on battery. Use only Sungil approved battery.


1. Remove the battery cover gently.
2. Place the battery into the battery slot, making sure that the battery connector is securely connected to the corner of the battery slot.
3. Place the Battery cover as shown.



► Charging the Battery

The Battery is charged and powered by Li-on battery, and a travel adaptor comes with the original package. Use only Sungil approved battery to ensure the quality, and it is always advised that phone is connected to a permanent power source at all times. Please note that Battery is for Emergency.

1. With Battery in position on the phone, plug in FWP power adaptor to the back of the unit.
2. Plug your Power Adaptor to a standard AC Wall Outlet. When the battery is charged, it will have power plug display on the right end. When power is plugged off, phone goes into a battery mode, and remaining battery power will be shown on the same right top end of LCD display.

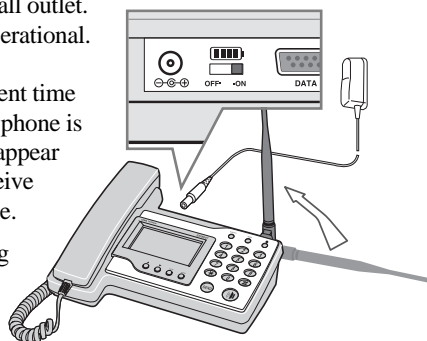
***Note:** Do not remove the battery from the phone without unplugging the adaptor while it is using battery. When the battery is weak and only a few minutes of talk time remain, the battery sensor will let you know by blinking the empty **Battery Strength icon** (). You will hear a warning tone and a "Battery is low" message will be repeated at regular intervals on the display. When the battery becomes too weak for the phone to operate in emergency, it will be switched off automatically.

5. Basic Operations

CDMA Fixed wireless Phone

5-1. Turning Power On

1. Simply plug the power adaptor into a standard AC wall outlet. As soon as power adaptor is plugged, the phone is operational. The power-on image displays and an alert sounds. When your phone locates service, it displays the current time and date. You can now place and receive calls. If the phone is out of the service area, the No Service Message will appear on the display. In this case, you cannot place and receive calls. You can try again later when service is available.
2. When you wish to turn your phone off, simply unplug the power adaptor from either from the phone, or from a standard AC wall outlet. (When in Battery Mode (on/off) through Sungiltel provided)
3. If you are powering on with battery in place, then simply use the battery switch on the back of the phone. Please ensure that your battery is charged for your operation. This battery mode is only intended for emergency back-up purpose. Battery Indication can be found at the right end corner of the display icon.



5-2. Making a Call

Enter the area code and phone number.

► Dialing Options

A. Redial

Simply press **Redial** (RECALL) twice. When **Redial** (RECALL) is pressed, the phone will show all Outgoing calls from Call History. If you choose to call the number other than your most recent call, then you can use **Navigation keys** (UP/DOWN) to scroll down.

Speed Dial

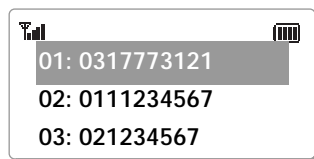
Speed Dial allows you to use the Speed Dialing feature.

You can press the desired number for 2 seconds; gently press the number button longer.

Then the phone makes a previously programmed and stored a phone number.

Speed Dial can be also used for two digits numbers like "12" and "79".

For example, if the a number is stored at Speed Dial "15", then press "1" first, and press "5" for 2 seconds (a bit longer).



5. Basic Operations

CDMA Fixed wireless Phone

B. Emergency Dialling

You can place emergency call from your emergency number list even if your phone is locked. For more details see Settings, Emergency Numbers.

C. Ending a Call

When you want to finish your call, simply put down your handset to the handset cradle (Off-Hook) If you are on Speakerphone mode, simply press **Speakerphone key (📞)** to finish your call.

D. Making a Call from Phone Book

You can store the phone numbers that you use regularly in the phone's memory, which are collectively called Phone Book. Simply select the required name to recall the associated number to dial. For more information see Phone Book section.

5-3.Receiving a Call

1. The Phone alerts with a selected a ringtone, and you can receive an incoming call by picking up a handset (On-Hook)
2. If you want to receive a call on speaker mode, simply press **Speakerphone key (📞)**

5-4.Function used during a call

◆ **Mute**

This feature allows you to mute the caller during a call. It is useful when you do not want your caller to listen to what you have to say for that muted period.

◆ **In Call Memo**

In Call Memo during a call allows you to store a string of numbers to an Outgoing call list. For example, a phone number noted during In Call Memo, stored in Outgoing call list, can be stored later in Phone Book as a new entry.

◆ **Phone Book**

During a call, you can access your Phone Book for a search and view your list of stored entries.

5-5.Call Forwarding and Call Waiting

◆ Call Forwarding

This network service allows incoming calls to be forwarded to another number.

Note: this feature is only available when your service provider supports it.

Contact your service provider to check its availability.

◆ Call Waiting

The Call Waiting feature alerts you of incoming calls while you are on a call.

Please contact your service provider for details:

When this feature is enabled, you can respond to an incoming call by pressing a **Hook (📞)** while you are on a call. This puts the first caller on hold and answers the second call. To switch to the first caller, press a **Hook (📞)** again.

◆ Call Conference & 3-way 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 "**Redial (📞)**" button

or **Hook (📞)** switch to "conference in" (add) your third party to the call.

6. Menu Table

CDMA Fixed wireless Phone

Main Menu

Menu Item		
1. Phone Book	1. Find	All/Name/Number
	2. Add	Listing
	3. MyPhone Number	MIN
2. Messages	1. Write	Alphabet/eZi Text/Number/Symbols/Templates
	2. Inbox	Listing
	3. Outbox	Listing
	4. Voicemail	Listing
	5. Templates	20 Lists
	6. Erase Msgs	Inbox/Outbox/All Msgs
	7. Msg Settings	Msg Lock/Msg Alert/Voice Mail No/Auto Delete
3. Call History	1. Dialed Number	Listing
	2. Received Calls	Listing
	3. Missed Calls	Listing
	4. Erase History	Cancel/All Erase/Missed Calls/Clr Air Time Calls/Dialed Numbers
	5. Call Duration	Last Called/All Dialed/All Calls/Clr Air Time
4. Sound	1. Ring Type	Ring + Light/Light
	2. Ring Tone	18 Ringtones
	3. Vol Control	Ringer Vol/Key Vol/Earpiece Vol/Speaker Vol
	4. DTMF Tone	Short/Long
	5. Service Alert	On/Off
5. Tools	1. Alarm	Alarm Set/Alarm Tone/Snooze Time/
	2. Calculator	* for signs, STR to get the results
6. Settings	1. Security	New Code/Restrict/Reset Phone/Clr Mem & Reset/Lock Mode/Voice Privacy
	2. Display	Contrast/Backlight/Banner/Date & Time
	3. Hotline	Setup Hotline/Hotline Time
	4. Auto Time-out	No/1-10 Secs
	5. Call Time Disp	On/Off
	6. Configuration	Version/RX Data Mode/SIO
7. Games	1. Be the Hero	New Game/High score/Key Info
	2. Snake 2	New Game/High score/Key Info

Conversation Menu

1. Mute		
2. In Call Memo		
3. Phone Book	1. All	
	2. Name	

7. Menu Options

CDMA Fixed wireless Phone

7-1. Phone Book (Menu (MENU) + 1)

The Phone Book allows you to store frequently used phone numbers and the associated names in your personal directory to make it easy for you to make a call without remembering or entering the phone number. You can store up to 99 entries. Each entry can contain up to 32 digits (numbers), with an associated name of up to 16 characters.

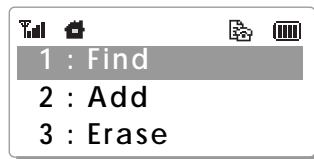
- **Find** (Menu (MENU) + 1 + 1)

In this menu, you can search Phone Book for an entry using a name, entry number, and group name. Example, by "Name": This option allows you to find an entry by entering a person's name. Go to **Menu (MENU)**, Phone Book, and Find



- **Add** (Menu (MENU) + 1 + 2)

You can also add any numbers from Call History or create an entry to Phone Book. **STR (STR)** Simply press type your entry and press at the end. With each entry created, you will be asked to put a name, a number, a speed dialing, and a distinctive Ring Tone to each entry.



***Note:** Same phone number and same exact entry cannot be placed again. If existing phone number or an entry is placed, the phone will display that such entry already exists.

- **My Phone Number** (Menu (MENU) + 1 + 3)

Enter this menu to check your phone number (MIN)


7-2. Messages (Menu (MENU) + 2)

Your phone can send and receive text messages. It can also receive voice mail notifications. When the phone receives a message, an alert sounds and a text notification displays along with the name and phone number of the sender, if available. The **New message (✉) icon** remains on the screen until you read the new text messages or you listen to the new voice mail messages. Messages are received even when your phone is in Lock mode.

7. Menu Options





CDMA Fixed wireless Phone

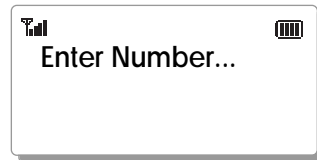
However, the screen does not display information about the message. To access a message, you must unlock the phone.

Note: You can quickly access the Message menu by pressing  in Standby mode.

- **Write** ( + **2** + **1**)

You can create a text message of up to 160 characters and send it to other mobile phones and FWP's. To write a new message:

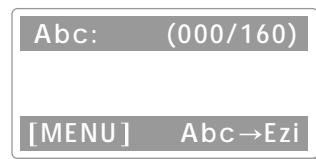
1. Enter the message text. For Further details about how to enter text, see entering text section.
2. When you finish entering text, press the .
3. Enter a destination number using the numeric keys.
4. When you finish entering, press the .
5. Select your SMS Priority from Normal, Emergency, or Urgent, and then press .
6. Select whether you want Delivery ACK (Delivery Acknowledgement) for your message. Press  to send the message.



▶ Entering information using eZi Text Input

When using your phone, you will need to enter texts like storing a name in creating a text message. You can enter alphanumeric characters into your phone by using your phone's keypad. Your phone has the following text input modes:

- A. eZi Text(English):** This mode allows you to enter words with only one key-press-per letter. Each key on a keypad has more than one letter; for example, when you press once, J, K or L displays. EZI TEXT mode automatically compares your key presses to an internal linguistic database to determine the correct word thus requiring a far fewer keystrokes than the traditional multi-tap method, Alphabet mode.
- B. Alphabet:** This mode allows you to enter letters by pressing the key labeled with the letter you want once, twice, or three times until the letter displays.
- C. Symbol:** This mode allows you to enter various symbols, punctuation marks, and special characters.
- D. Number:** This mode allows you to enter numbers.
- E. Template:** In this mode, you can choose your templates for personal occasions.



7. Menu Options

CDMA Fixed wireless Phone

▷ Writing SMS with ezi text

When you are in a field that allows characters to be entered, you will notice the text input mode indicator on the display.

Example: when you are entering (H E L L O)

To change the text input mode:

1. Press **Menu** ()

2. Select the mode you want.

You will find the indicator of the selected text input mode on the display.

Using eZi Text (English) Mode

eZi Text is a predictive text input which allows you to enter any character using single keystrokes. This text input mode is based on a built-in dictionary.

1. When you are in eZi (English) mode, start entering a word by pressing a numeric keypad.







Press each key only once for one letter.

Example: To enter Hello in eZi mode, press (4) , (3) , (5) , (5) , and (6) .

The word you are typing appears on the display. It may change with each key press.

2. Type to the end of the word before editing or deleting any keystrokes.

3. When the word displays correctly, use your cursors to choose the word you want, and then press **Msg** () to confirm.

- To put a space between words by pressing **“#”** () to change mode to Alphabet.
- To enter full stops, hyphens or apostrophes, press **Menu** () to change mode to Symbols
- To change case, also press **“*”** () to change mode to Capital Case or Lower Case mode
- You can enter a space by pressing **“#”** ()
- You can move the cursor through your text by pressing the Navigation keys.
- To delete letters, press **CLR** () , Press and hold down **CLR** () to clear entire display.

Using Ezi tab

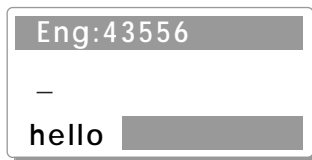
When typing in Alphabet mode, you should press the keys labeled with the letter you want:

- Once for the first letter
- Twice for the second letter
- And so on

This method is called Multi-tap typing.

For example, you press 2 three times to display the letter “C” and 5 two times to display the “K”.

Note: The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, you need to wait for a few seconds for the cursor to move to the right automatically.





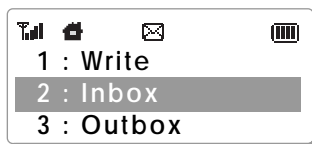
7. Menu Options

CDMA Fixed wireless Phone


- **Inbox** (**Menu** () + **2** + **2**)


When you receive a text message, the indicator and the text (#) Message(s) received appears on the screen (where # is the number of new messages received).

1. Press **STR** () to read the messages or Press **CLR** () to exit to view it later
2. While reading the message, scroll down to view the list of message options, then press appropriate keys to choose the desired option.



▷ Inbox Sub Menu's


While you are viewing your message, press **Menu** () to access Sub Menu. Sub Menu has following features:


1. Reply
Use this feature to reply your message.
2. Forward
Use this feature to forward your message. Enter the number for forwarding, and then confirm the message you are sending, or edit your message.
STR () to send the message.
3. Store Number
Use this feature to save the number on your display. With Caller ID feature, the phone will take user's number into the Phone Book. You can edit your number here, as well as
4. Erase
Erase the message from your Inbox.

▷ Read Messages Later

Read Messages Later

Your Inbox will show how many messages are unread out of total messages in Inbox. For example, if there are 3 unread messages in Inbox among 17 messages, then Inbox will show " Inbox (3/17) "

1. Press Msg. and select the Inbox. 2. Select your message and press **STR** () to read.

- **Outbox** (**Menu** () + **2** + **3**)

Your Outbox stores your sent messages to your friends and associates. It also stores all of your unsent messages if messages were not sent at the time due to Network Failures. All sent messages can be found here in Outbox.




7. Menu Options



CDMA Fixed wireless Phone

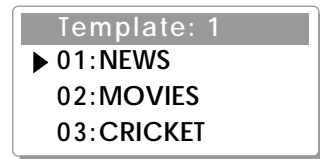
- **Voice Mail** (**Menu** () + **2** + **4**)


When there is a voice mail, there will be an alert. An alert window displays the number of messages on the system, and the time it is received. Press Send to call the caller who left the voice mail or Press Msg to view the Voice Mail System Center number. Press Send to connect to Voice Mail System Center.

- **Templates** (**Menu** () + **2** + **5**)

Templates are short, prewritten messages which can be recalled and inserted into new text messages when you are short on time.

1. Create a new text message as described in “Write”.
2. Press **STR** () to put in a list of Templates.
3. These templates can be easily accessed when writing a message, and press **Menu** () to choose your already existing templates



- **Erase Msg** (**Menu** () + **2** + **6**)

Erase your Messages in your Inbox, Outbox or erase all messages. You can select first and press STR to erase your messages.

- **Msg Settings** (**Menu** () + **2** + **7**)

- ◆ **Msg Lock**

This feature protects accessing Message Menu. You can enable the Message Lock by entering a Message Lock Code when prompted.

- ◆ **Msg Alert**

This feature turns Message Alert Window On or Off. Message Alert Window is displayed when you receive a message to the phone, displaying time, and CID with an alert. You may use this feature to turn your alert off. Message Alert is turned on as a factory default.

- ◆ **Voice Mail No.**

In this feature you will find your operator’s voice mail center number programmed. Press Send to access your Voice Mail Box on the network.

- ◆ **Auto Delete**

This feature will automatically delete the oldest item as your Inbox is full. This useful feature will eliminate the oldest item in your Inbox, as the new message comes in. Press STR to turn this feature on. Auto Delete feature is off as factory default.

7. Menu Options

CDMA Fixed wireless Phone

7-3.Call History (Menu (MENU) + 3)

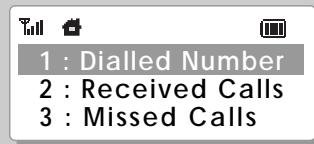
You can use the Call History menu to:

- A. View and dial the most recent calls you dialed, received, or missed.
- B. Erase the numbers in the call log memory
- C. View the time duration of calls.

***Note:** You can quickly access the history of Outgoing Calls by pressing **Redial (REDIAL)** in Standby mode.

- **Outgoing (Menu (MENU) + 3 + 1)**

The phone stores up to 20 of the most recent calls you dialed. When you access this menu, a list of the outgoing calls displays.



- **Incoming (Menu (MENU) + 3 + 2)**

This option lets you view up to 20 of the most recent calls you received, (along with Caller ID) if you are subscribed to the Caller Line Identification service. Contact service provider for more information about this service. When you access this menu, a list of the incoming calls displays.

- **Missed (Menu (MENU) + 3 + 3)**

If Caller Line Identification is available, your phone keeps a list of the most recent 20 incoming calls that you failed to answer. Contact your service provider for more information about the service.

1. Press **Menu (MENU) + Call History** to find a number or name, if it is saved in Phone Book.
2. Press **STR (STR)**, to confirm highlighted number.

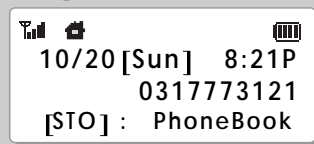
The missed number or name, if it is saved in Phone Book, displays along with the time and date when the call was received.

***Note:** To save any Outgoing/Incoming/Missed Call, press **STR (STR)** to store in Phone Book.

***Note:** To exit the Phone Book, press **CLR (CLR)** to return to previous menu.

- **Erase History (Menu (MENU) + 3 + 4)**

This feature erases all call logs from Dialed/Received / Missed. To erase, select "Erase" using Navigation Keys and press **STR (STR)**



- **Call Duration (Menu (MENU) + 3 + 5)**

***Note:** This feature is not intended to be used for billing purposes.

The following options are available:

- ◆ **Last Dialed**

This information shows about the last call, such as the duration of the call, the other person's phone number and the date and time when the call was made.

- ◆ **All Dialed**

This information shows the number of all calls you have made and the total duration of the calls since the time counter was last set to zero by using Clr Air Time

7. Menu Options

CDMA Fixed wireless Phone

- ◆ All Calls
This information shows the number of all calls you have received and the total duration of the calls since the time counter was last set to zero by using the Reset All option
- ◆ Clr Air Time
This option erases the last call, the “All Dialed / All Calls / All Last Dialed” time measurements, and resets the air time counters.

7-4.Sounds (Menu (MENU) + 4)

You can use the Sound menu to customize various sound settings, such as

1. ringer volume, type, and tone
2. alert sounds

Note: You can enter this menu by pressing **Menu (MENU) + Sound**

- **Ring Type (Menu (MENU) + 4 + 1)**

Choose your Ring type to indicate how you want the phone to alert for any incoming call. In this menu, you can choose your Ring Type from the following:

- ◆ Ring + Light
The phone will ring upon incoming calls and LCD will light up.
- ◆ Light
Ring will be muted and only LCD display will light up to indicate the incoming call.

After choosing your own Ring Type, press **STR (STR)** key.

- **Ring Tone (Menu (MENU) + 4 + 2)**

This menu allows you to set the unique ring tone for any incoming calls that are not set from Phone Book. This Ring Tone is the primary default Ring Tone of the phone.

- **Vol Control (Menu (MENU) + 4 + 3)**

This menu allows you to adjust the volume of the phone. There are total of 5 volume levels, from silent, 1, 2, 3, and 4. Each level is indicated by graphic bars, displaying each level of increment.

Ringer: allows you to adjust the ringer volume for incoming calls, alerts, and alarm.

Speaker: allows you to adjust the volume for speaker

Earpiece: allows you to adjust the volume for handset

Key: allows you to adjust the volume of key tones.

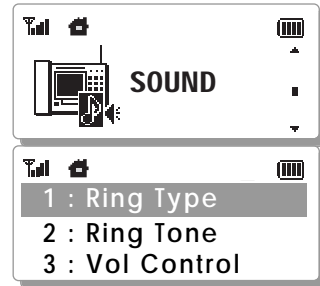
- **DTMF Tone (Menu (MENU) + 4 + 4)**

This menu allows you to choose between a short and long DTMF tone.

For example, a short DTMF tone will sound and stop shortly, even if the key is pressed after the beep, whereas a long DTMF tone will continue to sound.

- **Service Alert (Menu (MENU) + 4 + 5)**

Your phone gives audible alerts (beeps) when the phone enters Service Network, from an area where there's no network service by your local Service Operator.



7. Menu Options

CDMA Fixed wireless Phone

7-5.Tools (Menu (MENU) + 5)

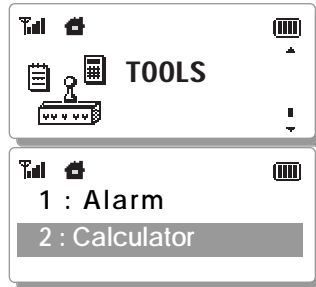
- **Alarm** (Menu (MENU) + 5 + 1)

This menu allows you to set up to an alarm to ring at a specific time. To set an alarm

1. Select On/Off with your navigation Up/Down keys, and press **STR** (STR)
2. Select an alarm type, One Time or Daily Alarm, and press **STR** (STR)
3. Enter the time for the alarm to ring.

***Note:** Your phone can use either AM/PM type or 24-hour type.

4. Select **STR** (STR) to confirm your alarm setting
To stop the alarm when it rings, press any key to stop the alarm. If you press Speakerphone key to stop the alarm, the Snooze function is activated and the phone alerts you to the alarm after 10 minutes. To deactivate the Snooze function, press any other key to stop the alarm. To deactivate alarm setting, access it from the alarm list and select Off. (Alarm Tone and Snooze)



- **Calculator** (Menu (MENU) + 5 + 2)

Using this feature, you can use the phone as a calculator. The calculator provides the basic arithmetic functions: addition, subtraction, multiplication, and division.

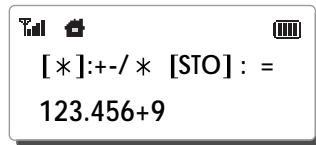
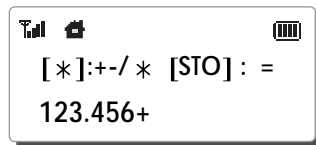
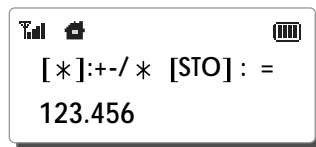
1. Enter the first number using the numeric keys.

***Notes:** To erase any mistakes or clear the display, press **CLR** (CLR). Use **Menu** (MENU) to enter a decimal point and **Msg** (MSG) to change the sign of a number to a negative (-)

2. Enter the operation for your calculation on the second line by pressing the Navigation keys, according to the graphic on the display.
3. Enter the second number
4. Repeat steps 2 and 3 as many times, if necessary.
5. To view the result, press **STR** (STR)

For example of (123.456+9)

1. Press 1,2,3
2. Press Star Key (*) until you meet '.' and press Pound Key (#) and press 4,5 and 6. (You just made 123.456).



7. Menu Options

CDMA Fixed wireless Phone

3. Press Pound Key (**#**) to move cursor to right. And press Star Key (*****) until you meet '+’.
4. Press Pound Key (**#**) and Press 9. (So far, you made 123.456+9)
5. Press **STR** (**STR**) to get a result for 123.456+9.

7-6.Settings (**Menu** (**MENU**) + **6**)

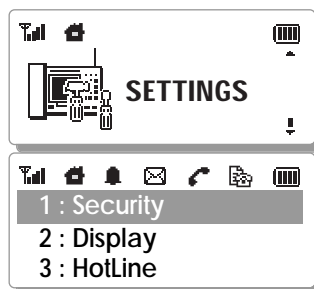
- **Security** (**Menu** (**MENU**) + **6** + **1**)

- ◆ **New Code**

Your phone prompts you for a four - digit security code for certain features and commands. Access is granted only after correct security code has been entered successfully. The default security code is “0000”. It is recommended that you can change this code at once, write it down, and store it in a safe place away from your phone.

Change your Code to New Code

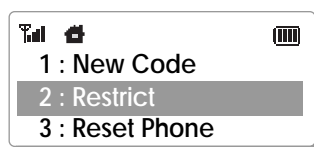
1. Press **Menu** (**MENU**) + **6.Settings** + **1.Security** then to “ New Code”
2. Enter the existing (or default) security code and press **STR** (**STR**)
3. Enter the new four-digit security code and press **STR** (**STR**)
4. Re enter the new four-digit security code for verification, then press **STR** (**STR**)



- ◆ **Restrict**

This feature allows you to restrict incoming and outgoing calls. You can restrict all calls or create a custom list of numbers to restrict.

1. Press **Menu** (**MENU**) + **6.Settings** + **1.Security** then to “ Restrict”
2. Enter your security code and press OK.
3. Select from outgoing calls, incoming calls and press.



- ◆ **Reset Phone**

This feature is useful when the user wants to reset the phone to a factory default. Resetting the phone will not erase Phone Book, Call History, Inbox and Outbox.

- ◆ **Clr Mem&Reset**

This feature will erase and clear all settings to Factory Default, clearing all user menus like Phone Book, Call History, Inbox and Outbox, and also Display, Volume, Ringer Settings.

7. Menu Options

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◆ Lock Mode (Include Options)

This feature protects your phone from unauthorized outgoing calls or unauthorized access to information stored in the phone. When phone lock is activated, phone locked is displayed each time you turn your phone On/Off. After pressing either contacts or Menu, you must enter your lock code. Once your lock code has been accepted, your phone will function normally.

1. Press **Menu** (MENU) + **6.Settings** + **1.Security** then to “ Lock Mode”
2. Select On or Off, using directional keys, and press **STR** (STR)
3. Turn your phone off and back on to complete the phone lock activation (or deactivation)

◆ Voice Privacy

This feature protects the conversation between callers. If you have requested Enhanced Voice Privacy Mode to your operator, and that your operator supports this Voice Privacy mode, the phone will encode the conversation and protect the contents. You can choose from the modes “ Standard ” or “ Enhanced ”. Factory Default will come as “ Standard ”. Press **STR** (STR) to change the modes after your selection, after consulting your local operator.

● Display (**Menu** (MENU) + **6** + **2**)

◆ Contrast

Use your navigation keys to choose the right Contrast for Display. Contrast Range is from 21-63. Factory Default is at 32.

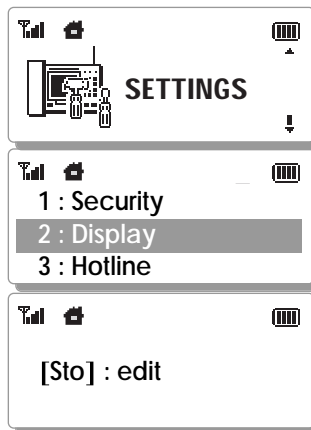
◆ Backlight

Display Backlight can be also changed using the navigation keys. Choose from “Always On, Always Off, for 10 seconds, or for 30 seconds. LCD Display Backlight will be on for only that selected time. Factory Default is at for 10 seconds.

◆ Banner



In this feature, you can personalize your Banner Setting. Please enter texts to show Banner on display when the phone is in idle mode. You can put text up to 16 characters.

1. Press **Menu** (MENU) + **6.Settings**
2. Enter the security code. (Default preset code is ‘0000’)
3. Select **2.Display** + **Banner** + **STR** (STR)
4. Select Greeting by editing a message, and press **STR** (STR)
Current greeting will be isplayed.



7. Menu Options

CDMA Fixed wireless Phone

5. Press **STR** () again to change the current greeting.
6. Set new greeting message you'd like.
7. Press **STR** () to confirm the new greeting message

◆ Dates&Time

This feature allows the user to choose different formats of time to be displayed on the idle screen.

Data&Time display can be chosen from

1. Big AM/PM Type
2. 24 Hours Type
3. AM/PM Type
4. No Time & Date
5. Big 24H Type


***Note:** Factory Default is at Big AM/PM Type.

● Hotline (**Menu** () + **6** + **3**)

This feature is used when there is an emergency situation that has to be made within specific time frame. Hotline, when it is turned on, will automatically call the designated Hotline Number within previously selected Hotline Time. When the phone is on Off-Hook for selected Hotline Time, then the phone will call Hotline.

◆ Setup Hotline


This feature automatically dials a specific number at hotline time.

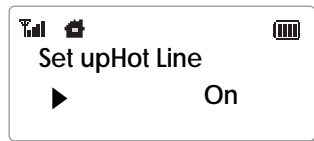
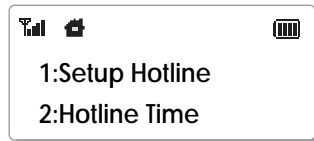
Press **STR** () to turn this feature On, or Off. Factory Default is Off.

◆ Hotline Time

This feature sets the time of Hotline waiting time from Off-Hook to Hotline Dialing. Range is from 0~99 seconds of waiting time. For example, if the phone is set at "0" seconds waiting time, the phone will automatically call the Hotline Number. It is set at 8 seconds as a factory default when you choose to set the Hotline on.

● Auto Time-out (**Menu** () + **6** + **4**)

After an user entered numeric digits for dialing, the phone will automatically call the number that was entered for certain period of time. For example, if a user enters a phone number and waits for 4 seconds, without pressing **Redial** () then the phone will automatically time out, and call the entered number. Choose from 1 – 10 seconds for Auto Timeout. Factory Default is at 4 seconds.



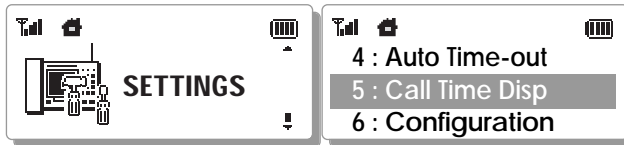
7. Menu Options

CDMA Fixed wireless Phone

- **Call Time Disp (Menu (MENU) + 6 + 5)**

Press **Menu (MENU) + 6.Settings + 5.Call Time Disp** to access the menu

Call Time Display features the on/off function for actual called time display during your call.if you want to see your incurred used time during the call,please turn this feature on.Default is off at factory setting.



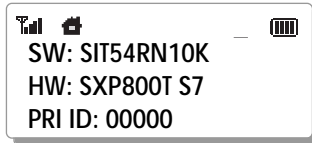
- **Configuration (Menu (MENU) + 6 + 6)**

Press **Menu (MENU) + 6.Settings + 6.Configuration** to access the menu



- ◆ **Version**

Here in this menu,you can check your FWP' s SW Version Number, a Model number,and PRI ID



- ◆ **RX Data Mode**

RX Data Mode is useful only when user desires to use PC Fax and Data mode in certain desired settings.Should users decide to force the FWP to switch the mode to PC Fax or Data mode,it can be selected from:

Data/fax off - Data and PC fax mode off

Modem until off - Async Modem is on unless phone is switched off

Modem next call off - Async Modem is on until the next call is made

Fax until off - PC fax is on unless phone is switched off

Fax/next call - PC fax is on until the next call is made

Once you selected using the arrow keys,press STR to confirm.

***Note :** Defalut is Data/fax off

7.Menu Options

CDMA Fixed wireless Phone

◆ SIO (Serial Input Output)

This is only useful when user needs to enter into Data Service mode.

▷ Port Map

- ✓ Diag UART 1/ DEV (For Maintenance and After Service Only)
- ✓ Data UART 1/ DEV (For Data Service and High-Speed Internet)

▷ DS Baud

Data Speed can be selected depending on the network.

▷ Diag Baud

Diag Speed (for Maintenance) can be selected from the following options.

7-7.Games (Menu (MENU) + 7)

▷ Play games (Menu (MENU) + 7)

Not only can you use your phone for communication, but also for some serious fun. You can choose from any of the two games listed below.

- Be the Hero (Menu (MENU) + 7 + 1)
- Be the Hero (Menu (MENU) + 7 + 2)

◆ Start a new game

1. Scroll to the Game menu, and press **Select**.
2. Highlight **Select game**, and press **Select**.
3. Press “1” to **Select game**, and press **Select**.

- | | |
|----------------------|---------------------------------------|
| 1. New Game | -Press 1 to play New Game |
| 2. High Score | -Press 2 to view High Score List |
| 3. Key Info | -Press 3 to view Game Key Information |

***Note :** During the game, you can pause the game by pressing CLR, and Press 1 to “continue”, or 2 to “Return” to game menu. Pressing CLR will also return to the game.

8. Reference

CDMA Fixed wireless Phone

8-1.Care and Maintenance

our 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 to enjoy this product for many years:

- 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 liquids or moisture can contain mineralsthat will corrode electronic circuits.
- Do not use or store the phone in dusty, dirty areas. 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 it warms up (to its normal temperature), moisture can form inside and may damage electronic circuit boards.
- Do not attempt to open the phone except to remove or change front and back covers. Non-expert handling may 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 phone. Paint can clog the moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate regulations governing radio devices. All of the above suggestions apply equally to your phone, battery, charger or any accessory. If any of them are not working properly, take them to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

8-2.Battery Information

***Note:** The phone has a lithium ion (Li-Ion) battery. Dispose of batteries according to local regulations (for example, recycling). Do not dispose as household waste. This section provides information about the phone battery. Be aware that the information in this section is subject to change.

***Note:** Battery talk and standby times are estimates only and depend on signal strength, network conditions, features used, battery age and condition (including the effect of charging habits), temperatures to which battery is exposed, use in digital mode, and many other factors. Please note that the amount of time a phone is used for calls will affect its standby time. Likewise, the amount of time that the phone is turned on and in standby mode will affect its talk time.

Charging and Discharging

Your phone is powered by a rechargeable battery, and also a power adaptor.

Note that full performance of a new battery is achieved only after two or three complete charge and discharge cycles! The battery can be charged and discharged hundreds of times but it will eventually wear out. When the operating time (talk-time and standby time) is noticeably shorter than normal, it is time to buy a new battery. Use only batteries approved by the phone manufacturer and recharge your battery only with the chargers approved by the manufacturer. Temperature extremes can affect the ability of your battery to charge. Battery will not charge at temperatures above 140°F (60°C).

Check the model number of any charger before use with this device. This device is intended for use when supplied with power from the devices listed on the following pages.

Warning! Use only batteries, chargers, and accessories approved by SIT for use with this particular phone model. The use of any other types may invalidate any approval or warranty applying to the phone and may be dangerous. For availability of approved accessories, please check with your dealer. When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

8-3. Accessories

Standard Charger

This is a lightweight and durable ac charger.

To use the standard charger, plug it into a standard ac wall outlet and connect the lead from the charger to the base of your phone.

Note: If the battery is completely empty, you cannot use the phone until it has enough charge to operate in battery mode.

Please remember that product's main source of operation power is from ac wall outlet power source.

Data Cable

- Easy and convenient connection to your PC or laptop computer for wireless modem functionality.

8-4.Limited Warranty Information

Sungil Telecom (“Seller”) Seller represents and warrants that this subscriber unit and its accessories (“Product”) is free from error, improper or inferior workmanship, material, and design (“Defect”). A Product having a Defect is hereinafter referred to as “Defective”.

This warranty is subject to the following terms and conditions:-

1. This warranty of the Product (including the battery) extends for a period of twelve (12) months commencing from the date of the activation.
2. During the warranty period, Seller or its authorised service network will repair or replace, at Seller's option, the Product or any relevant parts thereof in the event that the Product is found to be Defective. The repaired Product or the Product/part provided as a replacement for a Defective Product/part, shall be free from Defect. The purchaser of the Product or his/her assignee ("Consumer") shall not be charged (whether for parts, labour or otherwise) for the repair or replacement of a Defective Product during the warranty period. All replaced parts, boards or equipment shall become the property of Seller.
3. The warranty in respect of a repaired or replaced Product/part shall extend for the remaining warranty period of the repaired Product or replacement thereof to the Consumer.
4. Upon request from Seller, the Consumer may be required to provide the purchase receipt or other documentation or information in respect of the date and place of purchase.
5. The Consumer shall have no coverage or benefits under this warranty in the event that any of the following conditions are applicable:-
 - (a) The Product has been subject to abnormal use or conditions, improper storage, exposure to excessive moisture or dampness, exposure to excessive temperatures, unauthorised modifications, unauthorised repair (including but not limited to use of unauthorised spare parts in repairs), abuse, accident, Acts of God, spills of food or liquids, improper installation and breakage or damage to antennae (otherwise than by reason of any Defect).
 - (b) Seller has not been notified by the Consumer of the Defect in the Product during the applicable warranty period.
 - (c) The Product serial number code or the accessory date code has been removed, defaced or altered.
 - (d) The Product has been used with or connected to an accessory (i) not supplied by Seller or its affiliates, (ii) not fit for use with the Product or (iii) used otherwise than in the manner intended.

- (e) The seals of the Product's battery enclosure have been broken or show evidence of tampering or the Product's battery has been used in equipment other than that for which it has been specified usable by Seller.
- (f) All plastic surfaces and all other externally exposed parts that are scratched or damages due to normal customer use.

THE CONSUMER UNDERSTANDS THAT THE PRODUCT IS INTENDED TO BE USED ONLY FOR THE PURPOSES OF AVAILING _____ SERVICES. THE WARRANTY AND REMEDIES HEREUNDER SHALL NOT BE AVAILABLE TO THE CONSUMER IN THE EVENT THE PRODUCT IS USED AT ANY TIME TO AVAIL ANY OTHER SERVICES. SUCH EXCLUSION OF THE WARRANTY AND REMEDIES SHALL NOT BE CONSTRUED TO LIMIT ANY OTHER REMEDIES SELLER MAY HAVE UNDER LAW AGAINST THE CONSUMER.

6. In order to derive the benefits of this warranty in respect of any Defect in the Product, the Consumer shall ship the Product or part thereof at its cost to the authorised service centre of Seller. Seller shall bear the cost of shipping the Product or part thereof back to the Consumer after the completion of the service under this warranty.
7. EXCEPT FOR THE EXPRESS WARRANTIES SET FORTH ABOVE, SELLER GRANTS NO OTHER WARRANTIES, EXPRESS OR IMPLIED, BY STATUTE OR OTHERWISE, REGARDING THE PRODUCT, FITNESS FOR ANY PURPOSE OR OTHERWISE. SELLER SHALL NOT BE LIABLE FOR THE LOSS OF USE OF THE PRODUCT, INCONVENIENCE, LOSS OR ANY OTHER CONSEQUENTIAL DAMAGE, ARISING OUT OF THE USE OF, OR INABILITY TO USE THE PRODUCT OR FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.
8. It is hereby expressly clarified that all warranties (express or implied) in respect of the Product are provided by Seller alone.

Licensed by QUALCOMM Incorporated under one or more of the following Patents:
U.S, Patent No. 4,901,307 U.S, Patent No. 5,056,109 U.S, Patent No. 5,099,204
U.S, Patent No. 5,101,501 U.S, Patent No. 5,103,459 U.S, Patent No. 5,107,225

--- Additional page ---

RF EXPOSURE 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 **0.948 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-1080**.

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.

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.

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

Near-Body Operation

To maintain compliance with FCC RF exposure requirements, maintain a **2.5cm(0.98 inch)**, separation distance between the user's body and the phone, including the antenna, whether extended or retracted.

WARNING! Read this information before use

Caution

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

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.