SXP-2280 CDMA 1XRTT

FIXED WIRELESS PHONE

800 MHz CDMA

TECHNICAL MANUAL
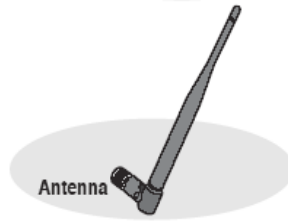
Before installing your **SXP-2280**, carefully remove the contents from the shipping carton and check for evidence of shipping damage. **If damage is found, contact your Authorized Sungil Distributor or shipping agent immediately**.

SAFE OPERATION INSTRUCTIONS

IMPORTANT! Before installing or operating this product, read the *SAFETY AND GENERAL INFORMATION* section of this guide.

- ✓ Install the unit indoors.
- ✓ Install the unit on a hard, flat surface for proper ventilation.
- ✓ Do not expose the unit to rain or moisture
- ✓ Do not place the unit on or close to sources of heat.

IMPORTANT NOTICES

TERMS AND CONDITIONS FOR USE OF SXP-2280 PRODUCTS ("Product")

These Terms and Conditions are a legal contract between you and Sungil Corporation for the title to and use of the Product.

BY RETAINING AND USING THE PRODUCT AFTER RECEIPT OF IT, YOU AGREE TO THE TERMS AND CONDITIONS INCLUDING WARRANTY DISCLAIMERS, LIMITATIONS OF LIABILITY AND INDEMNIFICATION PROVISIONS BELOW. IF YOU DO NOT AGREE TO THE TERMS AND CONDITIONS, DO NOT USE THE PRODUCT AND IMMEDIATELY RETURN THE UNUSED PRODUCT FOR A COMPLETE REFUND. You agree to accept sole responsibility for any misuse of the Product by you; and, in addition, any negligent or illegal act or omission of your or your agents, contractors, servants, employees, or other users of the Product so long as the Product was obtained from you, in the use and operation of the Product.

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Sungil Telecom Ltd.

Corporate Headquarters

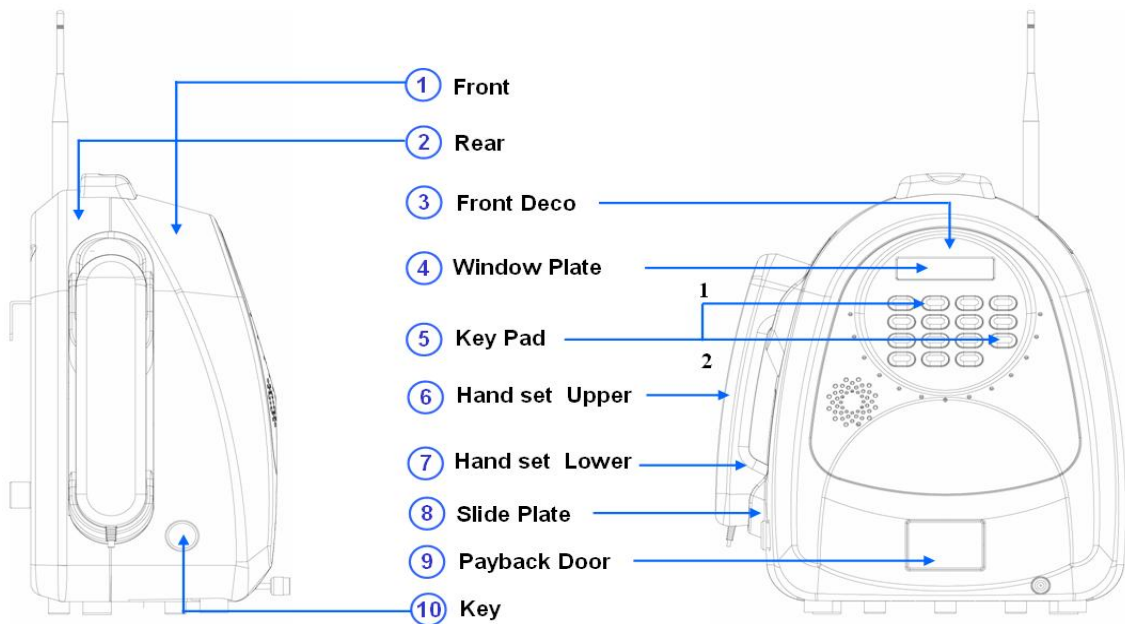321 Gongdan-dong, Gumi City, Kyongbuk

730-030, Korea

Sales and Technical Support

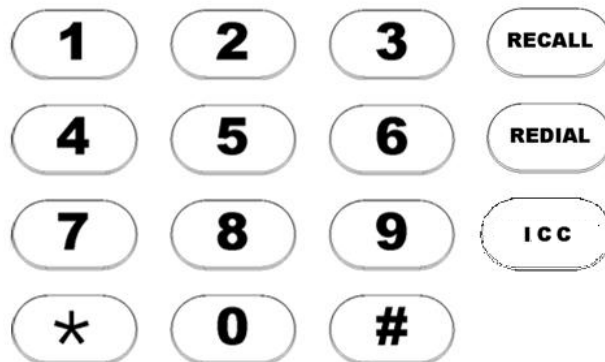Tel: +82-31-714-0038 · Fax: +82-31-714-9174

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1.1 ICCB Construction

1	Front
2	Rear
3	Front Deco
4	Window Plate
5	Key Pad
6	Hand set Upper
7	Hand set Lower
8	Slide Plate
9	Payback Door
10	Key

1.2 Button Layout

ICCB has 15 keys which are numeric keys(0-9), *, # , Recall , Redial and ICC key. Each key is used to make call but under specific menu internally, *, #, Redial, Recall and ICC key could be used as function key.

0-9 :   Number Button

*,#,Recall,Redial and ICC : Used at not only making call but also operation as follows,

   *: The Cancel / Previous key to cancel what a user did or go previous menu.

   #: The Store/Confirmation key to store/confirm what a user did like editing in editor.

   Recall: The up key for item selection on the menu.

Redial: The down key for item selection on the menu.

ICC: ICC stands for Indian Calling Card and this key has specific number for each region. This key is able to work only under "Insert Coin" status on LCD and don't work at other status.

1.3 Coin Selector

The below picture is shown coin selector structure. The specification of it is as follows.
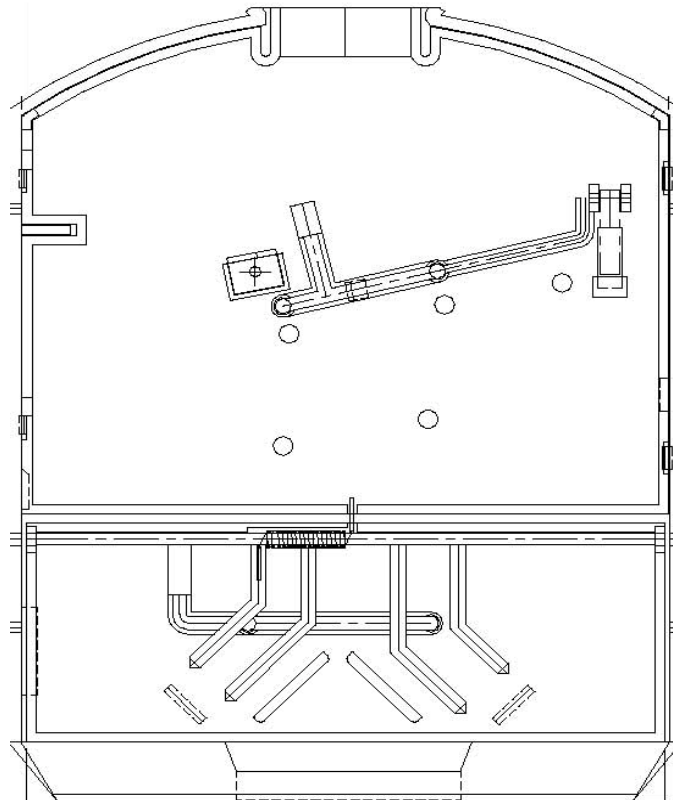
- Supports 1 Rs and 5 Rs.
- Maximum two coins for 1Rs and 5Rs. Under maximum insertion like two 1Rs and two 5Rs, when a user inserts coin, it will be refunded.
- If a user inserts coins within 1 sec between coins, they will be just refund to avoid coins jam.

1.4 Coin Box

A coin box installed at bottom of ICCB can store 500 coins for 5Rs. internally, whenever coins drop into coin box, Coin Counter increase by one and it let "Box Full" message come out when it would reach 500 coins and a user cannot make a call under this message. At this moment, a shop keeper (an operator) can initial this coin counter with removing coins from coin box. To

initialize coin counter, a operator should go "Programming Mode" menu and make counter zero.

2. Menu Construction

2.1 Menu Tree

To enter to the programming mode (ICCB Mode)			
1) Open the ICCB.			
2) To enter to this menu, Please follow below instructions.			
On-Hook handset -> Press Programming mode button on the main board -> Off-Hook handset.			
3) First menu, "1.Cash Record" will be displayed (ICCB Mode).			
Programming Mode (ICCB Mode)	**1:Cash Record**	**1:Cumu. Coins**	Show to Cumulative Coins
		2:Current Coins	Show to Current Coins
		3:Cumu. Reset	Reset Cumulative Coins
		4:Current Reset	Reset Current Coins
		5:Daily Coins	Show to Daily Coins
		6:Last Call List	Show to list for last call
	2:Local Prefix	**92 CODE _____**	
	3:MT code option	**MT code YES**	
		MT code NO	
	4:Tariff	**1:Enter code**	
		2:Tariff View	
	5:ICC NUMBER		
	6:Display	**1:Show Option**	Selection to Banner or Date&Time
		2:Banner	Editing the Banner "TATA Indicom"
		3:Date&Time	a) AM/ PM Type b) 24 Hours Type c) Day of Week Type
	7:Sound	**1:Earpiece Vol**	
		2:Ringer Vol	
		3:Speaker Vol	
		4:Key beep Vol	
		5:Ring Tone	
		6:Service Alert	

| | **8:S/W Version** | | |
| | **9:Password** | | Tariff Password |

To enter to the CDMA mode

1) Press the short keys follows "**624709247*2690**"

2) The message on LCD will be displayed "Enter Code ****".

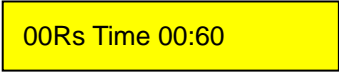3) Enter your password "0000" (It can be changed)

4) First menu, "1.Setting" will be displayed.

CDMA Mode Menu	**1:Setting**	**1:Voice Privacy**	
		2:DTMF Tone	
		3:Password	
		4:AutoCall Time	
	2:Version	**1:S/W Version**	
		2:H/W Version	
		3:PRL ID	

1) To enter to Conversation Menu.

2) Press the "Redial" Button on Conversation

3) You can show the LCD message "1.Voice Privacy"

Conversation Menu	**1.Voice Privacy**		
	2.DTMF Tone		

To enter to NAM Mode Menu.

1) Press the short keys follows "**47*869#*75259#**"

2) The message on LCD will be displayed "PASSWORD _____".

3) Enter your password "000000" (It can be changed)

4) First menu, "1.GENERAL" will be displayed.

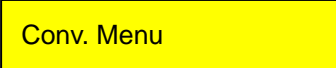|			
01. General	01. ESN (Electronic Serial Number)		**Read Only**
	02. CAI Ver (Common Air Interface)		**Read Only**
	03.SO (Service Option)	EVRC (Enhanced Variable Rate Codec)	MSM6000 Chip just supported the EVRC.
	04. SCM (Station Control Mark)		.
	05. LOCK CODE		**Read Only**
	06. SLOT MODE		

	07. SLOT CYCLE INDEX		
	08. RC (Radio Configuration)		For CDG2 Testing
	09. SPC CHANG		
	10. SPC VALUE		
02. Setup NAM	01. Current NAM		You can selection the NAM1 or NAM2
	02. NAM 1		
	03. NAM 2		
01. NAM 1 or 02. NAM 2	01. MCC		(Mobile Country Code) * 3 digit
	02. MNC		(Mobile Network Code) * 2 digit
	03.MIN		*10 digit
	04.PHONE NO#		(Directory Number) * 10 digit
	05. ACCOLC		(ACCess OverLoad Class) 0~ 15
	06.PRIMARY CH.	01. Primary CH System A	
		02. Primary CH System B	
	07.SECOND CH.	01. Secondary CH System A	
		02. Secondary CH System B	
	08. ACQ SID		
	09. LOCK SID		
	10.H-S/NID Enable	CDMA HOME SID Enable Yes or No	
	11. HOME SID/NID	Home SID1~20	
		Home NID1~20	
	12.SID/NID LOCK	LOCK Home SID1~20	
		LOCK Home NID1~20	
	13. CDMAPREF SYSTEM		
	14. PRL ENABLE		
	15. PRL ID		
	16. OTAPA ENABLE		
	17. MOB_TERM_HOME		
	18. MOB_TERM_FOR_SID		
	19. MOB_TERM_FOR_NID		

2.2 Short Key List

Key Items	Action Keys	Description
A-Key	*75259#147*359#	To enter A-Key.
CDMA Mode Menu	624709247*2690	To enter to CDMA Menu.
NAM Mode Menu	47*869#*75259#	To enter to NAM Mode Menu.
Set ICCB Password to default value.	Program mode push button + 5 times pressing emergency button + '1036'	Whenever Shop keeper would forget ICCB Password, he can use it to make a password as default "3842"
Set CDMA Menu Password to default values.	Program mode push button + 5 times pressing emergency button + '4263'	Whenever Shop keeper would forget CDMA mode Password, he can use it to make a password as default "0000"
Master Clear	##**90 or ##**47*869#90	In the factory, for product's initialization for menu's values.
Current Coin Count	*1*	It will display how many coins are there in box currently.
Conversation Menu	Conversation state + Redial button	To see the conversation menu on conversation as follows 1) Voice Privacy 2) DTMF Tone
Conversation Volume for earpiece	Emergency button	To adjust earpiece volume level.
NAM Mode Menu	47*869#*75259#	To enter NAM mode 1) General 2) Setup NAM A. Current NAM B. NAM1 => JUST USED C. NAM2 For examples, you can change to the PRL enabled/Disable, HOME SID/NID or MIN number.
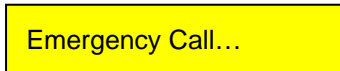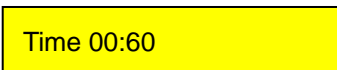
2.3 ICCB User Mode Display

ICCB User Mode (Normal Call)	
1 Handset On-Hook	TATA Indicom or MM/DD/YY hh:mm or According to Display Menu in CDMA Menu, you can change display type like the upper. Default is logo as "TATA Indicom".
2 Handset Off-Hook	INSERT COIN - This screen request for insertion coin to make call. But registered free call numbers are available. - During 45 secs, you didn't anything. Some alarm will be occurred on handset.
3 After Insertion coin.	PLEASE DIAL
4 Dial numbers	114 - From Left, what you dialed will be displayed. Automatically it will make a call in 4 secs after dialing numbers.
5 Not match with Tariff	Not Available
6 Making Call (In case of Ordinary Call)	Calling…
7 Connected Call. (in case of Ordinary Call)	00Rs Time 00:60 - On conversation, Value, time will be displayed(00Rs Time 0:00) - Will display remained time and coin will be dropped in the inside box. At

	this time, whenever every 10 is remained, Alarm will be made one time and after then after 2 secs until call ends, Alarm will be made. - During alarm sound, If you would insert coin, Alarm sound will disappeared no more. - In case of local call, After current 60 secs would be used up, just inserted coin will be dropped to the box and new 60 secs will be displayed and you can keep talking without stoping.. - If you don't insert coin at this time, Call will end and screen will go to "Insert Coin" screen. (INSERT COIN) - Available talking time for each inserted coin will be displayed as much as value which was set on Call duration menu on ICCB mode. **% In case of international call, it is 10 secs.**
8 Conversation Menu (by Pressing Redial Button)	Conv. Menu – On the conversation, If you press Redial Button, Conversation Menu will come up as follows. 1.Voice Privacy 2.DTMF Tone
9 Ending call	00:00 - Totally elapsed time will be displayed during 15 sec. (Need to be discussed with PTB team)
10 Incoming	Incoming Call.
11 Recalll	RECALL – In case ICCB has remained time after call. Disaply text should be discussed with PTB team.

12 Redial	REDIAL
	- in case of only IDLE state, Pressing Redial key can dialed last numbre which was made successfully. - In case of no history, nothing is happened.

2.4 ICCB User Mode Display for Emergency Call and Toll Free

ICCB User Mode (Emergency Call)	
1 Emergency button	EMERGENCY – If you press Emergency button, "Please Dial…" will be displayed in stead of "Insert Coin" message on LCD – Be used at Virtual calling card number and real emergency number like 100,101.
2 Dial numbers	100 – Available emergency numbers are 100, 101, 102. – If dialed number is not emergency number, "Not available.." message will be displayed.
3 Try to make call	Emergency Call… - On Calling, "Emergecny Call…" will be displayed - In case of Toll free number, "Toll Free Call…" will be displayed Toll Free Call… **(It should be discussed with JP)**
4 During Conversation	Time 00:60 – Only Time will be displayed. (Time 0:00)

2.5 ICCB Menu (Programming Mode)

To enter to the ICCB Programming Mode

1) Open the Coin Box

2) To enter to this menu, Please follow below instructions.

　　　On-Hook handset -> Press Programming mode button on the board -> Off-Hook handset.

3) The message on LCD will be displayed "Enter Code ****".

4) Enter your password "3842" (it can be changed)

5) First menu, "1.Local Prefix" will be displayed (ICCB Mode)

Press '#': Saved and go back to the programming mode.

Press '*': Go back to the programming mode.

Menu Display	Sub Menu Display	Description
1:Cash Record	**1: Cumu. Coins** **Press '#'** **Cumu.Tot　0000000** **Press　'Recall'　or** **'Redial'** **Press '*' or '#'**	Press '1', show to **cumulative coins** collected **since installation.** Press 'Recall', Menu Next Up as follows Press 'Redial'. Menu Next Down as follows **Cumu.Tot　　0000000** **Cumu.Use　0000000** **Cumu.5Rs　0000000** **Cumu.1Rs　0000000** Press '*', Go back to the root menu. Press '#',Saved and go back to the root menu
	2: Current Coins **Press '#'** **Curr.Tot　　00000** **Press　'Recall'　or** **'Redial'** **Press '*' or '#'**	Press '2', show to **current coins** collected in the cash box. Press 'Recall', Menu Next Up as follows Press 'Redial'. Menu Next Down　as follows **Curr.Tot　　00000** **Curr.Use　　00000** **Curr.5Rs　　00000** **Curr.1Rs　　00000** Press '*', Go back to the root menu. Press '#',Saved and go back to the root menu % It counts the collected coins upto 700, After it shows BOXFULL.

	3:Cumu. Reset **Press '#'**	Press '3', You can erase cumulative coin counter **Del Cumu.Coins?** Press '*', Go back to the root menu. Press '#',resetting the current coin counter.
	4: Current Reset **Press '#'**	Press '4', You can erase current coin counter. **Del Cur.Coins?** Press '*', Go back to the root menu. Press '#',resetting the current coin counter.
	5: Daily Coins **Press '#'** **Day 0000Rs 000Cn** **Press '*' or '#'**	Press '5', show to day total rupee with coin counts. Press '*', Go back to the root menu. Press '#',Saved and go back to the root menu
	5: Last Call List **Press '#'** **01: Phone number** **Press '1' or '2', '#'**	Press '5', show to last calls information with number, time and rupee about up to 10 calls. Press '1', Move Next Up for last calls. Press '2', Move Next Down for last calls. **01: Phone number** **Press '#' => Show to the information as follows** **Rs 0000 Coin 000** Press '*', Go back to the root menu. Press '#',Saved and go back to the root menu
2:Local Prefix	**92 Code XXXXXXX**	
3:MT Code Option	**MT code Yes** **Press 'Recall', 'Redial'** **Press '*' or '#'**	Press 'Recall', Move up to the next mode. Press 'Redial', Move Down to the next mode. **MT code Yes** Press '*', Go back to the root menu. Press '#' **Enter Code 56** Press '1~9,0', If you want to change the MT code, press the number. Press '#', Updated the option **MT code No** Press '*', Go back to the root menu. Press '#', Updated the option
4:Tariff **Press '#'**	**1:Enter Code** **Press '#'**	You can make tariff

Enter PWD XXXX	**Input No XXXXXXX**	
	Press '#'	
	Input sec XXX	
	Press '*' or '#'	
	2:View Tariff	You can show Tariff
	Press '#'	
	01:91 20s	
	Press 'Recall', 'Redial'	
	Press '*' or '#'	
5:ICC Number		press free call number
6:Display	**1: Show Option**	Press '1'. Entering the **Show Option** menu.
	Press '#'	Press 'Recall', Move up to the next mode.
	Show Date&Time	Press 'Redial', Move Down to the next mode.
	Press 'Recall', 'Redial'	**Show Blank**
	Press '*' or '#'	**Show Banner**
		Show Date&Time
		Press '*', Go back to the root menu.
		Press '#', Updated the option
	2: Banner	Press '2', You can show to currently banner.
	Press '#'	Press '#', Entering the editing mode
	' TATA Indicom '	Press 'Redial', insert space
	Press '*' or '#'	Press 'Emergency.', Big or Small alpha mode
		Press '*', Go back to the root menu.
		Press '#', Updated the option
	3: Date&Time	Press '3', Entering the **Date&Time** menu
	Press '#'	Press 'Recall', Move up to the next mode.
	DTSet DayOfWeek	Press 'Redial', Move Down to the next mode.
	Press 'Recall', 'Redial'	**DTime DayOfWeek**
	Press '*' or '#'	**DTime 24Hours**
		DTime AM/PM
		Press '*', Go back to the root menu.
		Press '#', Updated the option.
7:Sound	**1: Earpiece Vol.**	Press '1', Entering the **volume of earpiece** menu
	Press '#'	Press 'Recall', Volume Up
	EarVol. >>>>	Press 'Redial'. Volume Down
	Press 'Recall', 'Redial'	Press '*', Go back to the root menu.

		Press '*' or '#'	Press '#', Updated the volume level.
	2: Ringer Vol.	Press '2', Entering the **volume of ringer** menu
	Press '#'	Press 'Recall', Volume Up
	RingerVol. >>>>	Press 'Redial'. Volume Down
	Press 'Recall', 'Redial'	Press '*', Go back to the root menu.
	Press '*' or '#'	Press '#', Updated the volume level.
	3: Speaker Vol.	Press '3', Entering the **volume of speaker** menu
	Press '#'	Press 'Recall', Volume Up
	SpeakerVol. >>>>	Press 'Redial'. Volume Down
	Press 'Recall', 'Redial'	Press '*', Go back to the root menu.
	Press '*' or '#'	Press '#', Updated the volume level.
	4: Key Beep Vol.	Press '4', Entering the **volume of key beep** menu
	Press '#'	Press 'Recall', Volume Up
	KeyBeepVol. >>>>	Press 'Redial'. Volume Down
	Press 'Recall', 'Redial'	Press '*', Go back to the root menu.
	Press '*' or '#'	Press '#', Updated the volume level.
	5: Ring Tone.	Press '5', Entering the **ring tone selection** menu
	Press '#'	Press 'Recall', Up
	Press 'Recall', 'Redial'	Press 'Redial'. Down
	Press '*' or '#'	Press '*', Go back to the root menu.
		Press '#', Updated the ring tone items.
	6: Service Alert.	Press '6', Entering the **Service Alert** menu
	Press '#'	Press 'Recall', Service Alert is On
	SvcAlert On	Press 'Redial', Service Alert is Off
	Press 'Recall', 'Redial'	Press '*', Go back to the root menu.
	Press '*' or '#'	Press '#', Updated the option
8:S/W Version		You can show to the s/w version.
9:Password	**New xxxx**	You can show to the **current password**, default -> 3842
	Press '#'	Press '#', Entering the next mode for entering the **new password**
	Re-Enter xxxx	
	Press '*' or '#'	Press '1~9,0', If you want to change the new password, press the number.
		We should be **re-enter the new password**.
		Press '#', Updated the new password.

2.5 CDMA Mode Menu

To enter to the CDMA mode

1) Press the short keys as follows "**624709247*2690**"

2) The message on LCD will be displayed "Enter Code ****".

3) Enter your password "0000" (It can be changed)

4) First menu, "1.Setting" will be displayed.

Menu Display	Sub Menu Display	Description
1.Setting Press '1'	1: Voice Privacy Press '#' V.P. Enhanced Press 'Recall', 'Redial' Press '*' or '#'	Press '1', Entering the **Voice Privacy** Menu. Press 'Recall', Changed the option to 'Standard' as follows V.P. Standard Press 'Redial', Changed the option to 'Enhanced' as follows V.P. Enhanced Press '#', Go back to the root menu.
	2: DTMF Tone Press '#' DTMF Tone Short Press 'Recall', 'Redial' Press '*' or '#'	Press '2', Entering the **DTMF Tone** Menu. Press 'Recall', Changed the option to 'Short' as follows DTMF Tone Short Press 'Redial', Changed the option to 'Long' as follows DTMF Tone Long Press '#', Go back to the root menu.
	3: Password Press '#' New xxxx Press '#' Re-Enter xxxx Press '*' or '#'	Press '3', Entering the next mode for entering the **new password.** Press '1~9,0', If you want to change the new password, press the number. We should be **re-enter the new password**. Press '#', Updated the new password.
	4: Auto Call Time Press '#' AutoCallTime XX Press 'Recall', 'Redial' Press '*' or '#'	Press '4', Entering the auto send time menu for orig. call Press 'Recall', Up for time count Press 'Redial'. Down for time count Press '*', Go back to the root menu. Press '#', Updated the auto send time.
2.Version Press '2'	1: S/W Version Press '#' S/W:XXXXXXXXXX Press '*'	Press '1', Entering the **S/W Version** menu. Press '*', Go back to the root menu.

	2: H/W Version **Press '#'** **H/W:XXXXXXXXX** **Press '*'**	Press '2', Entering the **H/W Version** menu. Press '*', Go back to the root menu.
	3: PRL ID **Press '#'** **PRL ID:XXXXXXXX** **Press '*'**	Press '3', Entering the **PRL ID** menu. Press '*', Go back to the root menu.
0.Hidden **Press '0'**	**1: Debug Screen** **Press '#'** **Debug Screen** **Press '#'**	Press '1', Entering the **Debug Screen** menu. You can enter the debug mode and you can show to the system information on CDMA network as follows. R 100 E 07 T 00 S 01243 N 00012 C 1011 PN 122 B 3.998V Press '*', Go back to the root menu.
	2: Test Call **Press '#'** **TCall xxxxxxx** **Press 'Recall', 'Redial'** **Press 'recall'** **Press '*' or '#'**	Press '2', Entering the **Test Call** menu. Press 'Recall', Move up to the test call item. Press 'Redial', Move down to the test call item. Press 'recall', We can call on the selected option item. Press '*', Go back to the root menu. % Below show to the selected item, Markov~Loopback

	3: Audible Tone
	Press '#'
	A.Tone xxxxxxxx
	Press 'Recall', 'Redial'
	Press '*' or '#'
		Press '3', Entering the **Audible Tone** menu.
		Press 'Recall'. Move up to a tone item.
		Press 'Redial, Move down to a tone item.
		Press '#', Updated the tone item.
		% Below show to the selected item.
		  Korea,
		  LatinAmerica,
		  East Europe,
		  China/Siri,
		  Nicaragua,
		  India

	4: Mirroring	Press '4', Entering the **mirroring menu**.
	Press '#'	Press 'Recall', Do mirroring
	Do Mirroring	Press 'Redial', RestoreMirroring
	Press 'Recall', 'Redial'	Press '#', Updated the selected item.
	Press '*' or '#'	

Battery Backup Failure

If you're using the battery, the unit must be connected to AC power for at least 3 hours to fully charge the battery before it will provide back-up power to your SXP-2280. Verify that the battery has been charged for at least 3 hours and that the power source and its corresponding circuit breaker are functioning properly. Then, examine the battery for physical damage and corrosion. Replace the battery if necessary.

Item	Description
Capacity	3.7V Li-ion(Nominal) / 1700mAh
Talk Time Duration	Over 3 Hours (Min) (on SCI = 2)
Standby Time Duration	Over 140 Hours (on SCI = 2)
Charging Time Duration	3 Hours (Max) (on SCI = 2)

GENERAL INFORMATION AND SAFETY

Your SXP-2280 Fixed Wireless Phone (FWP) functions as both a radio transmitter and receiver. When it is ON, the FWP receives and sends out radio frequency (RF) energy. The CDMA 800 unit operates in the frequency range between 824 and 894 MHz. When you use your SXP-2280, the cellular system handling your call controls the power level at which your unit transmits. Nominal power output is 230 mW.

WARNING!

Only Authorized Service Personnel should remove the cover of your SXP-2280. For further assistance, contact your Authorized Sungil Representative. Please have your unit's model and serial number ready.
The duration of your calls and operate your phone in the most power-efficient manner.

Temperature Environment

Operating Temperature: From -20°C to +60°C ; Up to 95% relative humidity (non-condensing).

Storage Temperature: From -25°C to +75°C; Up to 95% relative humidity (non-condensing).

Antenna Care and Replacement

Do not use the SXP-2280 with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Have your antenna replaced by a qualified technician immediately.

Use only a manufacturer-approved antenna. Unauthorized antennas, modifications, or attachments could damage the SXP-2280 .

Driving

Check the laws and regulations on the use of cellular products in the areas where you drive. Some jurisdictions prohibit your using a cellular device while driving a vehicle. Even if your jurisdiction does not have such a law, we strongly suggest that, for safety reasons, the driver use extreme caution when operating the cellular device while the vehicle is in motion. Always obey the law.

Exposure to electronic Devices

Most modern electronic equipment is shielded from RF energy. However, RF energy from cellular devices may affect inadequately shielded electronic equipment.

RF energy may affect improperly installed or inadequately shielded electronic operating and entertainment systems in motor vehicles. Check with the manufacturer or its representative to determine if these systems are adequately shielded from external RF energy. You should also check with the manufacturer of any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices (such as pacemakers, hearing aids, etc.) to determine if they are adequately shielded from external RF energy.

Turn your SXP-2280 OFF in health care facilities when any regulations posted in the areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Aircraft

Turn OFF your SXP-2280 before boarding any aircraft.

• Use it on the ground only with crew permission.

• Do not use it in the air.

To prevent possible interference with aircraft systems, U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your cellular phone (or any other cellular product) while the plane is on the ground. To prevent interference with aircraft systems, FCC regulations prohibit using your cellular device while the plane is in the air.

Children

Do not allow children to play with your SXP-2280 to prevent damage to the unit.

Blasting Areas

Construction crews often use remote control RF devices to activate off explosives. Therefore, to avoid interfering with blasting operations, turn your SXP-2280 OFF when in a "blasting area" or in areas posted: "Turn off two-way radio."

FCC WARNING

This equipment may generate or use radio frequency energy.   Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual.   The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

RF Exposure Guidelines

During transmitter operation, in order to meet RF Maximum Permissible Exposure Safety Guidelines, a minimum distance of 20cm shall be maintained between antenna and personnel.