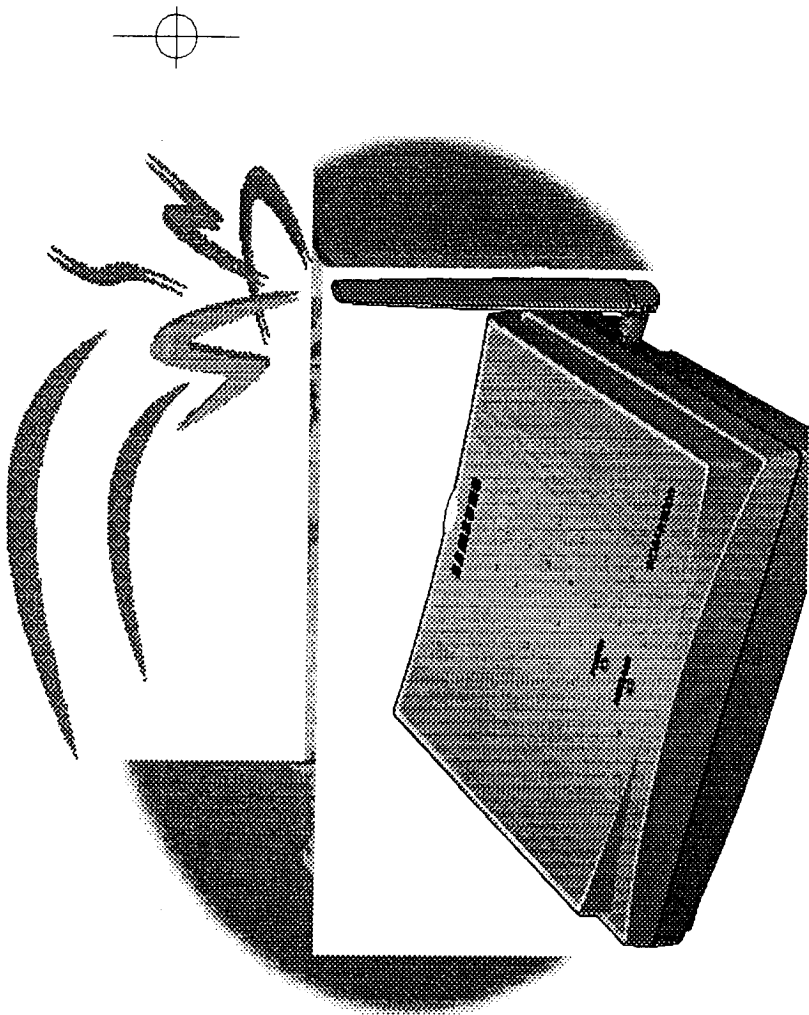


**CDMA
WIRELESS LOCAL LOOP
TERMINAL
SCW-R5000/5100
USER'S MANUAL**



ELECTRONICS



Printed in Korea
Code No.:

Description

The Fixed Wireless Terminal(FWT)s are next generation telecommunication terminals that provide the economic efficiency of wireless and integrated service of wireline.

Samsung SCW-R5000 & SCW-R5100 terminals connect traditional wired telephones to a wireless base station which delivers the call to the public telephone network, instead of direct wired connection the network.

Due to its wireless characters :stics mechanism, the user can easily install the terminal and can relocate it anywhere within the serviced local area. It is especially very convenient to use in areas where the wired telephone installation is difficult.

The terminals will offer you with such clear digital voice quality and various network service features that you will not know the difference with a conventional telephone!

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FEATURES

- 1 Incoming Call Light
- 2 Received Signal Strength Indicator
- 3 One-touch Dialing Function
- 4 External Power (optional)







SAFETY PRECAUTIONS

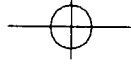
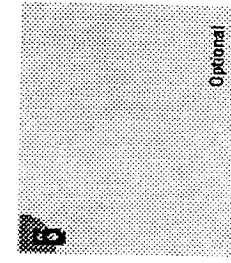
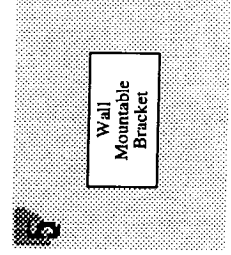
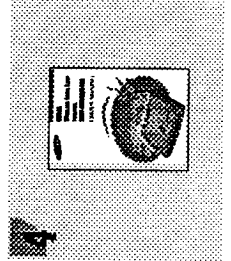
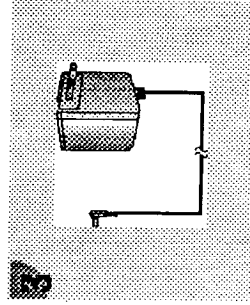
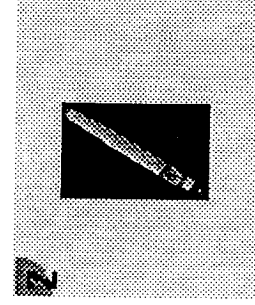
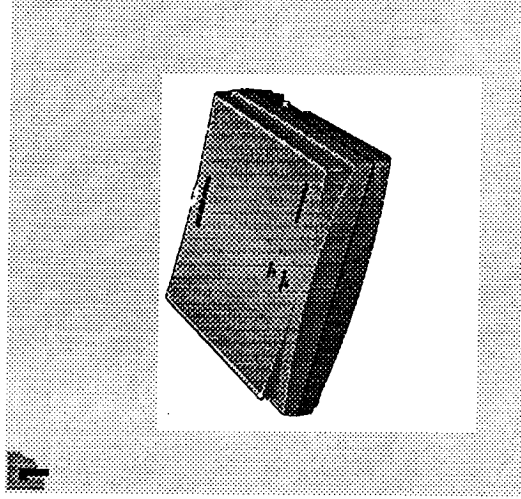
- 1** Avoid places where there are dust, gas or fire.
- 2** Do not shake, hit or impact the phone.
- 3** If you wish to cleanse the outside of the terminal, use only a soft, dry cloth. Such chemicals as alcohol, benzine or acetone can damage the surface of the terminal.
- 4** Do not twist or pull the cord out of the terminal.
- 5** Do not disassemble the FWT as you please.
- 6** DO NOT use the power adaptor if:
 - The power cord is damaged.
 - The terminal has been dropped or damaged in any way.
- 7** Use only the provided adaptor only, and do not use the adaptor for other usage.
- 8** Use only the provided antenna. Do not use the antenna for any other usage.
- 9** Do not install the terminal near water, for example, near a bath tub, sink, wet basement, or swimming pool.
- 10** Do not allow children to play with any radio equipment containing a transmitter. Children could hurt themselves or others (by poking themselves or others in the eye with the antenna, for example). Children could also damage the FWT.

NOTE: The input voltage and the shape of the plug on this terminal may vary from country to country.

CHECKING PARTS

Once you have unpacked your consumer package, check to make sure that you have all the parts shown below. If any piece is missing or broken, please call your dealer.

- | | | | |
|---|--------------|---|----------------------------------|
|  | FWT Terminal |  | User's Manual |
|  | Antenna |  | Wall Mountable Bracket |
|  | AC Adaptor |  | External Power Supply (Optional) |



SETTING UP YOUR TERMINAL

This FWT SCW-R5000/R5100 operates by receiving electricity from an electrical outlet or, if it is equipped with an external power supply, by receiving power from the power supply.

1. Connect the terminal mounted Antenna on the side of the terminal.
2. Plug the AC adaptor output into the rear DC 9V jack of the Terminal.
3. Plug the AC adaptor plug into an appropriate electrical outlet.
4. Connect a conventional wired telephone to a RJ-11 phone port. (SCW-R5000: 3 RJ-11 phone ports / SCW-R5100: 2 RJ-11 phone port)
5. Connect a G3 analog facsimile machine to a dedicated RJ-11 port. (only for SCW-R5100)

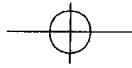
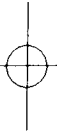
 The usage of RS-232C connector on the base of the FWT is not user but dealer's maintenance.

DC 9V
 Input Jack
 AC Adaptor
 (Use only SAMSUNG
 AC Adaptor)
 Electrical Outlet
 AC 120V 60Hz
 Antenna
 (only for SCW-R5000)
 SCW-R5000 Terminal
 (SCW-R5100 has only 2 RJ-
 11 phone port)
 RJ-11 Phone Port
 Antenna Connector
 RJ-11 Analog Fax Port

Setting up your terminal

How to install External Power Supply

SCW-R5000
 EXTERNAL POWER SUPPLY
 POWER SUPPLY
 OUTPUT CABLE
 AC INPUT JACK
 AC POWER CABLE
 POWER OUTLET
 AC ADAPTOR



Setting up your terminal

LED indications are described in the following table:

LED	Color	Condition	Meaning
Power	-	Off	No Power is being supplied to the terminal.
	RED	On	Normal operation.
RSSI	RED	On	No service condition. In this case, contact your dealer.
	ORANGE	On	Voice through the line is not clear but a call is available.
	GREEN	Blinking	Incoming call
		On	Best service condition.
Voice Mail	-	Blinking	Incoming call
		Off	Normal operation without any voice mail message
	GREEN	On	You have voice mail message. Contact your service provider to activate Message Service.

Sound indications are described in following table:

Type	Condition	Meaning
Normal dial tone	20sec on, 300msec off	The FWT is in-sente with adequate receive signal.
No Service tone	1.5sec on, 800 msec off	FWT is not capable of making or receiving calls.
	800 msec on, 200 msec off	FWT is not capable of making calls but is capable of receiving calls.
Voice mail tone	three times (200msec on,200msec off)	You have voice mail message

Basic Operation

Making Calls
Receiving Calls

MAKING CALLS

- 1 First, check to see that your FWT Phone is turned on. If the Power LED is lit, that means the power is on.
- 2 Pick up the handset
 - You hear a dial tone.
- 3 Using the number keypad, dial the desired telephone number.
- 4 When the other person answers, begin your conversation.
 - When you finished inputting phone number, you have to press **#** button. If you don't press **#** button, A call is not connected.
- 5 To end the call, replace the handset.

RECEIVING CALLS

The terminal signals the telephone(s) to ring when an incoming call is detected. Pick up the telephone handset and begin talking into the microphone on the handset.

- To disconnect when you're through, replace the handset

NOTE: Be sure that the ringer of the telephone is enabled.

Internal Phone Book

The Internal Phone Book
Storing Numbers in Memory
One-touch Dialing



THE INTERNAL PHONE BOOK

Your phone has 'Internal Phone Book' in which you can store up to 10 frequently called numbers. You can set them up for convenient one-touch dialing.

STORING NUMBERS IN MEMORY

- 1 Pick up the handset
- 2 Press **2** and **5**.
- 3 Press **5**.
- 4 Memory address number you want to store from 0 to 9.
- 5 Press **5** to store the number.
- 6 Enter the phone number you want to store.
Note: The first digit should not be **0** or **1**.
- 7 Press and hold **5** button for 0.5 second to finish storing. It sounds confirmation beep.

NOTE: Even if a phone number is already stored in the location, the new number will overwrite it.

ONE-TOUCH DIALING

Memory locations 0-9 are special one-touch dialing locations. You can dial the numbers stored in **0** - **9** by pressing one key.

To use one-touch dialing, pick up the handset, simply press and hold the number of the location containing the number to be called.

- The number is dialed.
- If memory location has not a number, you will hear error beep.

NOTE: You can dial emergency call by pressing and holding **9**. You can't change the emergency call number.



MEMO

Advanced Feature

- Setting Warning Beeps
- Terminal Reset
- Restricting Use of the Phone
- Changing the Lock Code

SETTING WARNING BEEPS

A descretion tone is generated after each minute interval into the call conversation to notify you that a minute has passed since the beginning of the call or after the previous time of descretion tone, regardless of when you make or receive a call.

- 1 Pick up the handset
- 2 Press and .
- 3 Press .
- 4 set 1-Minute Alert.
 cancel 1-Minute Alert.

TERMINAL RESET

Resets the terminal back to the initial service status of factory pre-programmed state. This feature can be disabled and enabled through simple keypad number code entry.

- 1 Pick up the handset
- 2 Press and .
- 3 Press .
- 4 Press .
- 5 Enter 4 digits Lock Code Number.
NOTE: If the code is correct, it sounds confirmation beep.
If not, it returns to the stand by mode with error beep.
- 6 Press .

RESTRICTING USE OF THE PHONE

Used when you wish to block outgoing calls from being made, but still wish to receive incoming calls at any time. This feature can be disabled and enabled through simple keypad number code entry.

- 1 Pick up the handset
- 2 Press and .
- 3 Press .
- 4 Press .
- 5 Enter 4 digits Lock Code Number.
NOTE: If the code is correct, it sounds confirmation beep.
If not, it returns to the stand by mode with error beep.
- 6 set outgoing call restrict.
 release outgoing call restrict.

CHANGING THE LOCK CODE

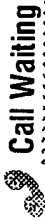
Used when you wish to change the lock code of the terminal. The programmed lock code prevents the terminal from being operational to any other people without your permission. This feature can be disabled and enabled through simple keypad number code entry. When you first buy the phone, the lock number is 0000.

- 1** Pick up the handset
- 2** Press * and *
- 3** Press 2
- 4** Press #
- 5** Enter 4 digits Lock Code Number.
NOTE: If the code is correct, it sounds confirmation beep.
If the code is incorrect, it returns to the standby mode with error beep.
- 6** Enter 4 digits new Lock Code Number.
It sounds confirmation beep.
- 7** Enter 4 digits new Lock Code Number again.
If it is different from the new Lock code you entered in the beginning, it returns to the standby mode with error beep.
- 8** Press * to store new Lock Code.
If you press another key, it returns to the standby mode with error beep.
NOTE: If it is correct, it sounds confirmation beep.

Optional Features

- Call Waiting
- Three-Way Calling
- Call Forwarding
- Caller ID
- Voice Mail Service

OPTIONAL FEATURES



Call Waiting

Call Waiting is a feature which enables you to be alerted to a second incoming call while you are on the first call of your telephone. You have the option of responding to the second call while putting the first call on hold or you can disable the Call Waiting option during a particular call. Contact your service provider to activate or deactivate Call Waiting.



Three-Way Calling

Three-Way Calling is a feature that enables you to set up a three-way conversation with two other different-numbered users. Contact your service provider to activate or deactivate Three-Way Calling.



Call Forwarding

Call Forwarding is a feature that enables you to forward all your incoming calls to another phone number, even if your telephone is turned off. You can still make calls from your telephone even when Call Forwarding is activated. Contact your service provider to activate or deactivate Call Forwarding.



Caller ID

Caller ID is a feature which notifies you who is calling by displaying the caller's number on the telephone's LCD when an incoming call comes through with a ring. This feature is available only with a telephone that has an LCD display on it. Contact your service provider to activate or deactivate Caller ID.



Voice Mail Service

Voice Mail Service is a feature that allows the terminal to receive voice mail and forward it to your telephone when you press a certain sequence of keypad number. Contact your service provider to activate or deactivate Voice Mail Service.

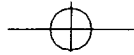
Miscellaneous

Menu Options Table

Troubleshooting

Specifications

|



MENU OPTIONS TABLE

	I	II	III	IV	V	VI	VII	Explanation
1. Setting warning beeps	,		Set release					Decides whether alert beep should sound at one minute intervals when you make or receive a call.
2. Changing the lock code	,			Lock code 4 digits input	New lock code 4 digits input	New lock code 4 digits input		Used when you change the lock code of the phone.
3. Restricting outgoing call	,			Lock code 4 digits input	Set release			Used when you limit use of the outgoing calls.
4. Terminal Reset	,			Lock code 4 digits input				Return phone to factory settings.
5. Storing number in memory	,		Input Memory address ~		Input phone Number	Press and hold 		Used when storing a phone number in phone book.

* The lock code is preset to 0000 at the factory.

TROUBLESHOOTING

- **Troubleshooting the conventional wired telephone**

In the event you are unable to place or receive telephone calls, first be sure that the connection wire is properly connected to the RJ-11 phone port on the terminal and to the RJ-11 port of the telephone. If unsure whether or not the telephone is operational, connect a telephone which is known to be operational to the terminal.

If service is available with the operational telephone, replace or repair your telephone equipment. If service is still not available, then follow instructions under "Trouble shoot the Fixed Wireless Terminal".

- **Troubleshoot the Fixed Wireless Terminal**

Check for the appropriate power indication on the LED. If no power, check the Adaptor(or External Power Supply)connection between the electrical outlet and the terminal. Check for the appropriate Received Signal Strength Indication(RSSI), Power, and Message Indication through the designated LED, respectively.

This phone complies with Federal communications commission (FCC)rules for the united states.

SPECIFICATIONS

Frequency Range	Tx: 1850-1910 MHz Rx: 1930-1990 MHz
Channel Bandwidth	CDMA 1.25 MHz
Auto Connection	Supports 5 REIN
RJ-11 Phone Jack	SCW-R5000-3 SCW-R5100-2
RJ-11 Analog Fax Jack	SCW-R5100-1
Power Supply	DC 9V 1.2A
Temperature of operation	-20°C ~ +50°C
Relative humidity	5% ~ 95%
Temperature of storage	-25°C ~ 75°C
Dimension	200x170x48.5 (mm) 7.9x6.7x1.9 (in.)
Weight (without external adaptor)	530g / 1.2 lb.