SAFETY CONCERNS

For product safety and correct operation, the following information must be given to the operator/user and shall be read before the installation and operation.

Conventions

WARNING
Provides information or instructions that the reader should follow in order to avoid personal injury or fatality.

CAUTION
Provides information or instructions that the reader should follow in order to avoid a service failure or damage to the system.

NOTE
Indicates additional information as a reference.

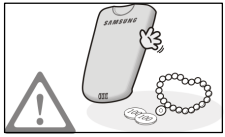
Symbols

Indication of a general caution.

Indication for prohibiting an action for a product.

Indication for commanding a specifically required action.

WARNING

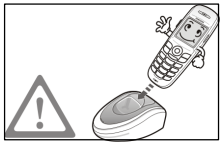


Do not connect conductive objects, such as neckless or coins, to the charging terminals of the battery (metallic part).

The object may explode and cause fire due to overheating.

Wireless phones can cause interference. Meet any special regulations in force in any area and always switch off your phone whenever it is forbidden to use it, or when it may cause interference or danger(in a hospital for example).

It may cause interference or danger.



Use only the batteries (Type: Hitachi/ ICP053450GH/1000 mAh, Manufacturer: Neo Prime Tech.) that tested and accessories provided with the SMT-W6100 phone.

Using other batteries and accessories can result in overheating or explosion and may cause malfunction.

Do not place the phone in a dusty area or in fluctuating temperature environments.

It may cause a fire or electric shocks.

Do not install the phone near a heater(cigarette lighter, heating apparatus, etc.).

It may cause a fire or electric shocks.

Do not use the phone at a refuelling point(service station) or near fuels or chemicals.

It may cause a fire or electric shocks.

Do not use inflammable solvent or material near the phone. Do not store them near the phone.

It may cause a fire or electric shocks.

The battery shall be used only for the SMT-W6100 phone.

Using the battery for other purposes may cause malfunction, a fire, or electric shocks.

CAUTION

Use a soft dry cloth to clean the phone. Do not use any chemical solvents like wax, benzene, alcohol, thinner, mosquito spray, aerosol, lubricant, or detergent.

The use of chemicals on the phone may cause fading/discoloring or damage to the parts.

Ensure the phone is switched on and in service. Key in the emergency number for your present location, then press the key. If certain features are in use, deactivate those features before you can make an emergency call.

Give all the necessary information as accurately as possible. Do not cut off the call until given permission to do so.

Do not install the phone on an unstable place or near the direct rays of sunlight.

It may cause severe damage to the parts of the phone, and your phone may not work properly.

Do not separate, repair nor remodel the phone arbitrarily. Only qualified service personnel may install or repair your phone.

For more detailed safety information, see 'Health and Safety Information' section of this guide.

Use only in the normal position(held to the ear).

FCC Guide

This device complies with part 15 of the 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.

FCC Compliance Statement

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.

Important Note:

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Do Not

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void user’ s authority to operate the equipment.

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SMT-W6100 Quick Reference Card

PREPARATION

About This Guide

This user guide provides instructions for the use of Samsung's latest SMT-W6100 Wi-Fi phone. Please take the time to study this guide to become familiar with the operation of your SMT-W6100 and the benefits this new phone can provide.

Keep this guide handy. You may need to look up instructions for infrequently used features.

Overview of SMT-W6100

SMT-W6100 is a wireless phone for residential use.
It supports both of the IEEE 802.11g standard and VoIP(Voice over IP) technologies.
In the functional point of view, SMT-W6100 provides a variety of functions such as call service, messaging service(SMS, EMS, MMS and IM), internet radio, brower, record management, ~~camera, games~~, utilities, phonebook management and so on.

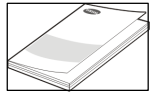
SMT-W6100 will guide you to a new paradigm for future communication service.

Unpacking

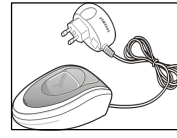
After purchasing the SMT-W6100 phone, you have to check that the following items have been packed in the box.

SMT-

Battery
(1 standard type)



User Guide



Battery Charger

The items supplied with your phone may be different depending on the country.

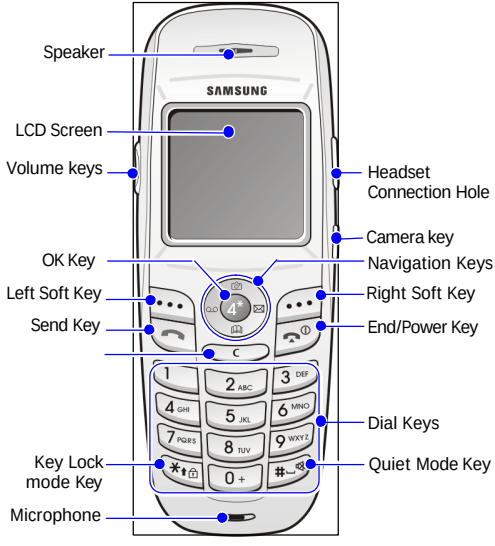
In addition, you can obtain the following accessories for your phone from your local Samsung dealer:

- Wearable Ear-Microphone

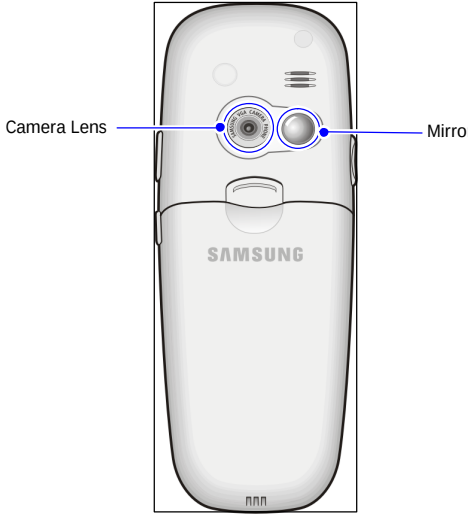
Phone Layout

The following figure shows the main elements of your phone.

Front View



Rear View



Key Description

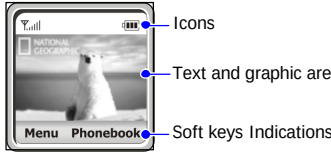
Key(s)	Description
Soft keys	Perform the functions indicated by the text above them, on the bottom line of the display.
Navigation Keys (up/down/left/right)	In Menu Mode: Scroll through the menu options. In Idle Mode: - Left key enters the **Voice mail server connection** screen. - Right key enters the **SMS main menu** screen - ~~Up key enters the **Camera** menu, when pressed and held it switches the phone to the capture mode.~~ - Down key enters the **Find name** menu.
OK key	- In Menu Mode: Performs as Ok key. - In Idle Mode: Enters to the main menu.
Send key	Makes or answers a call. In Idle Mode, accesses the call log list. In Menu Mode, selects a menu function or stores information that you have entered, such as a name in the phone or SIM memory.
Cancel/Back/ Correction key	Deletes characters from the display. When pressed and held in Idle Mode, quickly accesses the **New memo** screen. In Menu Mode, returns to previous menu.

Key(s)	Description
End key	Ends a call. When pressed and held, switches the phone on or off. In menu Mode, cancels your input and returns to Idle Mode.
	When pressed and held in Idle Mode, quickly accesses your voice mail server.
~	Enter numbers, letters and some special characters.
,	Used for various purposes in different functions. When pressed and held while entering a phone number, * key insert 'P'(pause. The number before 'P' means the dialing number and the number after 'P' means the DTMF digit after call set-up is completed. When pressed and held in Idle Mode, the **#** key enters or exits the Quiet Mode and ***** key enters the Key Lock Mode.
Volume keys	(On the left side of the phone) During a call, adjust the earpiece volume. In Idle Mode, adjust the key tone volume. In the capture mode, flip the picture up and down.
~~Camera key~~	~~(On the right side of the phone)~~ ~~In Idle Mode, long press Camera key enters the photo capture mode.~~
i Key	? ? ? ? ? ? ? ? ? ? ? ? ? ㅎ? ㅎ
Speaker phone Key	? ? ? ? ? ? ? ? ? ? ㅎ? ㅎ

Display

Display Layout

The display has three areas:



Area	Description
First line	Displays various icons. See 'Icon Description' section of this guide.
Middle lines	Display messages, instructions and any information that you enter, such as number to be dialed.
Last line	Shows the functions currently assigned to the two soft keys.

Icon Description

Icon	Description
	Shows the received signal strength. The more the number of bars, the stronger the signal.
	Appears when a call is in progress.
	Appears when you are out of a service area. When it displays, you cannot make or receive calls.
	Appears when you have new or unchecked voice messages.
	Appears when you have new or unread messages.
	Appears when you have new or unchecked multimedia messages.
	Appears when you are retrieving a multimedia message.
	Appears when you set the alarms to ring at a specified time.
	Appears when you set the alert type for incoming calls to Vibration or Vibration then melody.
	Appears when the Quiet Mode is active.
	Appears when your phone receives Wi-Fi signal.(You can not make a call yet).
	Appears when you are connected to the Network(You can make a call).
p.m.? ? ? ? ? ? ? ?	? ? ? ? ? ? ? ? ? ? ? ? ? ? ? .
	? .

	Shows the level of your battery. The more bars you see, the more power you have left.

Dimming Mode

If you don't press any key in a given period of time which you can set in the **Backlight** menu option (Menu 6.2), the backlight turns to dim to save the power. Press any key to awake the display from the Dimming Mode.

Clock Mode

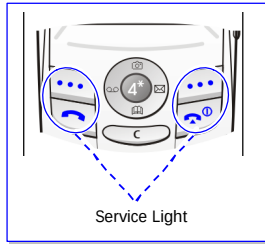
If you don't press any key in a minute after dimming of the display, the display goes into the Clock Mode to save the power. Press any key to awake the display from the Clock Mode.

Backlight

The display and the keypad are illuminated by a backlight. When you press any key, the backlight illuminates. It turns off if you don't press any key within a given period of time, depending on the **Backlight** menu option.

Service Light

The service light's activity depends on the **Service light** menu option. See 'Service light(Menu 6.4)' section of this guide. The operation(On/Off) of service light is also selectable from the Settings menu.



Service Light

Camera

~~The camera embedded in your phone allows you to take a picture of people or events while on the move. For further details about using the Camera feature, see 'Camera' section of this guide.~~

Before to Start

Installation of SMT-W6100 charger

After having decided where to install the charger see the following instructions:

- Put the adapter's jack into the round plug of the charger
- Put the adapter in a 220V plug.
- A LED on the charger turns on showing 3 colors: red, green, orange. Then the LED turns off.

Technical Data

The adapter and the charger have the following working values:

Adapter	100/240 VAC, 50/60 Hz	150 mA
	5.0 VDC	700 mA
Charger	5.0 VDC	700 mA

SMT-W6100 Recharge

In order to recharge the battery of your handset see the following instructions:

- Put the handset into the charger.
- A red LED turns on during the recharge
- When a green LED turns on the recharge is finished.

NOTE

If an orange LED turns on it means that the

handset is not correctly put into the charger.

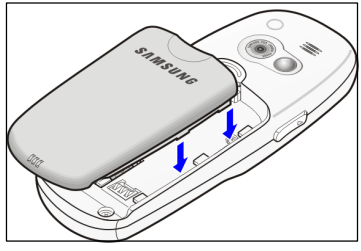
Installing/Removing/ Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. Use only approved batteries and chargers. Ask your local Samsung dealer for further details.

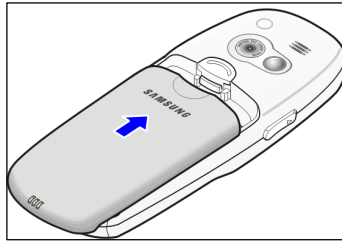
You must fully charge the battery before using your phone for the first time. A discharged standard battery is fully recharged in approximately 120 minutes.

Installing the Battery

1. Place the battery back on the phone. Make sure each side tab of the battery placed into corresponding slot on the phone.



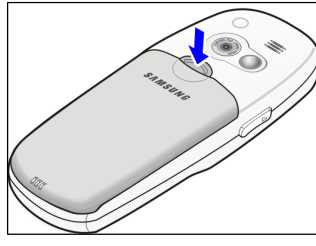
2. Slide the battery up towards the catch until it locks into place.



Removing the Battery

1. Switch off the phone by pressing and holding the key.

2. Press and hold down the catch above the battery on the back of the phone and slide the battery away.



Low Battery Indicator

When the battery is almost discharged and only a few minutes of talk time remain, the battery sensor informs you in the following ways: an empty battery icon flashes(▯), you hear a warning tone and a message repeats at regular intervals on the display.
When the battery becomes too weak for the phone to operate, it switches off automatically.

Inserting/Removing the SIM Card

When you subscribe to a cellular network, you are provided with a SIM(Subscriber Identification Module) card loaded with your subscription details, such as your PIN, any optional services available and so on.

SMT-W6100 supports the copying from phonebook entries to the SIM card and vice versa. Also SMT-W6100 supports transferring the SMS from the SIM card to the phone's memory. Please remember that SMT-W6100 only supports the copying contents of the SIM card, not the general SIM card functionality.

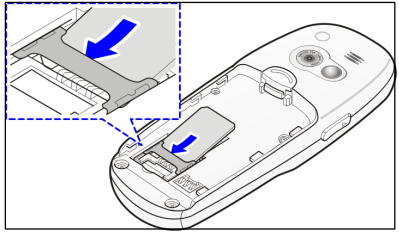
CAUITON

- Keep all miniature SIM cards out of the reach of small children.
- The SIM card and its data can be easily damaged by scratches or bending, so be careful when handling, inserting or removing the card.
- When installing the SIM card, always make sure that the phone is switched off before you remove the battery.

Inserting the SIM Card

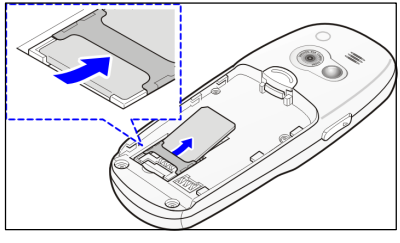
1. If necessary, remove the battery.

2. Insert and slide the SIM card under the tab, ensuring that the notched corner is top left and the gold contacts of the card face into the phone.



Removing the SIM Card

To remove the SIM card, slide the card out of the holder, as shown.



Access Codes

There are several access codes that are used by your phone and its SIM card. These codes help you protect the phone against unauthorized use. For further details, see 'Security(Menu 6.6)' section of this guide. Some access codes can be changed using the **Security** menu option(Menu 6.6).

Phone Password

You can use the phone password to protect your phone against unauthorized use.

The phone password is supplied with the phone and is preset to '00000000' at the factory.
To change the password, use the **Change password** menu option(Menu 6.6.3).

PIN

This is usable when SIM card is inserted in Wi-Fi phone.
The PIN(Personal Identification Number) protects your SIM card against unauthorized use. When the PIN Check feature is enabled, you must enter the PIN each time you switch on the phone.
See 'Security(Menu 6.6)' section of this guide.

If you key in an incorrect PIN three times in succession, key in the PUK and press the **Ok** soft key to unlock the phone. Key in a new PIN and press the **Ok** soft key. Key in the new PIN again and press the **Ok** soft key.

PUK

This is usable when SIM card is inserted in Wi-Fi phone. The PUK(PIN Unblocking Key) is required to change a blocked PIN. The PUK may be supplied with the SIM card. If not, contact your local service provider. If you key in an incorrect PUK ten times in succession, the SIM card cannot be used anymore. Contact your service provider for a new card.

You cannot change the PUK. If you lose the code, contact your service provider.

Switching the Phone On/Off

To Switch the Phone On

1. Press and hold the key until the phone switches on.

2. If the phone asks for a PIN, enter the PIN and press the **Ok** soft key. For further details, see PIN Check(Menu 6.6.1)' section of this guide.

   In case of the first subscription or multiple network founded, the step 3, 4, 5 is necessary. Otherwise step 6 follows after step 2.

3. The phone searches for your network and the SSID(Service Set Identifier) list that contains single or several SSIDs will be displayed on the screen.

4. If the SSID list is displayed on the screen, please choose one which is written on the product box.

5. Select the authentication type from between ASCII and Hex.

6. Then the phone asks for an authentication code. Please enter the authentication code which is written on the product box.

7. If the entered authentication code is correct, the phone starts DHCP and asks for a telephone number. Please enter the phone number which is assigned the phone.

8. The phone verifies the phone number you entered. If the phone number is validated, the selected SSID, current date and time appear on the display and you can make or receive a call. Otherwise, an error message will be displayed on the screen.

   The possible error cases are follows:

   - **Phone number incorrect**: The entered phone number is not a correct number. The phone asks a phone number input again.
   - **Phone number already assigned**: The entered phone number already assigned to the other phone. The phone asks a phone number input again.

- **Configuration error**: The provision information is corrupted or the residential gateway has the wrong provision information. The phone asks a phone number input again.
- **Authentication fail**: The provision information is not validated by the service provider. When this error message is displayed on the screen, please restart the phone.
- **Not provisioned**: The provision procedure is failed. When this error case occurs, please restart the phone. If the provision procedure fails more than 3 times, please call help desk.

NOTE

To change the language, use the Language menu option(Menu 6.4).

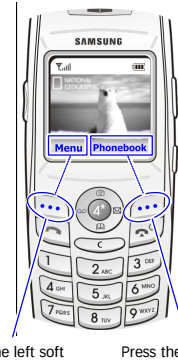
To Switch the Phone Off

Press and hold the key until the power-off animation displays.

Selecting Functions and Options

Your phone offers a set of functions that allow you to customize your phone. These functions are arranged in menus and sub-menus, accessed via the two soft keys marked and Each menu and sub-menu allows you to view and alter the settings of a particular function.

The roles of the soft keys vary according to the current context; the labels or icons on the bottom line of the display and just above the soft keys indicate their current roles.



Press the left soft Key to access the Menu functions.

Press the right soft Key to access the Phonebook functions.

To view various functions/options available or select the one is required:

1. Press the appropriate soft key.

2. Press the key as follows.

To	Press the
Select the: - function displayed - option highlighted	**Select** soft key.
View the next function or highlight the next option on a list	Down key.
Move back to the previous function or option on a list	Up key.
Move back up one level in the structure	(or **Back**) soft key or **C** key.
Return to Idle Mode	key.

In some functions, you may be asked for a password or PIN. Enter the required code and press the **Ok** soft key.

Locking / Unlocking the Keypad

You can lock the keypad and volume keys to avoid pressing keys by accident.

To lock the keypad, press and hold the ***** key in Idle Mode until the 'Keypad locked' message appears on the display.

You can also answer incoming calls using any keys, even if you lock the keypad and volume keys. When you end the call, your phone returns to the Key Lock Mode after the period of time specified in the **Auto keylock** menu option(Menu 6.4).

You can dial emergency calls even if you lock the keypad and volume keys. Enter an emergency number. When the confirmation message appears, press the **Yes** soft key or key. When you end the call, your phone returns to the Key Lock Mode after the period of time specified in the **Auto keylock** menu option (Menu 6.4).

To exit the Key Lock Mode, press the **Unlock** soft key and then press the ***** key again. The 'Keypad unlocked' message appears.

You can also set the phone to automatically lock the keypad and volume keys in the **Auto keylock** menu option(Menu 6.4).

Entering Text

At many times while you are using your phone, you need to enter text, such as when storing a name in the Phonebook, writing a new message, creating your personal greeting or scheduling events on your calendar.

You are provided with the following text input modes:

T9 mode*

This mode allows you to enter words with only one keystroke per letter. Each key on the keypad has more than one letter-when you press the 5 key once, J, K or L may be displayed. The T9 mode automatically compares your keystrokes with an internal linguistic dictionary to determine the correct word, thus requiring far fewer keystrokes than the traditional ABC mode.

ABC mode

This mode allows you to enter letters by pressing the key labeled with the required letter once, twice, three or four times until the letter displays.

Number mode

This mode allows you to enter numbers.

Symbolic mode

This mode allows you to enter special characters.

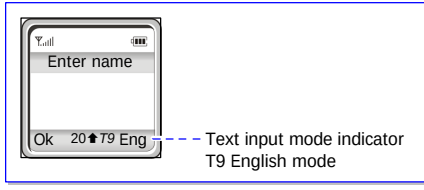
NOTE

* T9 is a registered trademark of Tegic Communications, Inc. and is licensed under U.S. Patent 5, 818, 437/5, 953, 541/6, 011, 554.

Changing the Text Input Mode

When you are in a field that allows characters to be entered, you will see the text input mode indicator at the bottom of the display.

Example: Entering a name in the Phonebook



To change to another text input mode:

1. Press the soft key indicating the current text input mode.

2. Scroll to the mode you want to use by pressing the Navigation keys(up or down). The Language select option allows you to change the text input language.
   You can use the Add word option to add new words into the T9 dictionary.

NOTE

If you want to exit the menu without changing the mode, press the soft key or key or C key.

3. Press the **Select** soft key to confirm the highlighted text input mode.

Quickly Changing the Text Input Mode

Press the key as follows.

To switch between the	Press and hold the
number and previous mode	**#** key
symbol and previous mode	***** key
ABC and T9 mode	soft key.

Using the T9 Mode

To type a word in the T9 mode:

1. Start entering the word by pressing keys **2** to **9**. Press each key only once for each letter.
   Example: To enter 'hello' in the T9 mode, press the **4**, **3**, **5**, **5**, and **6** keys.
   The word you are typing appears on the display. It may change with each key that you press.

2. Enter the whole word before editing or deleting any keystrokes.

3. If the word is correct, start entering the next word. Otherwise, press the **0** key repeatedly to display alternative word choices for the keys that you have pressed.
   Example: Both 'of' and 'me' have the sequence of **6** and **3**. The phone displays the most commonly used choice first.

4. Insert a space between words by pressing the # key.

5. Continue entering the next word.

If **Spell** appears above the soft key while you are entering text, the word does not exist in the T9 dictionary. To type words not found in the T9 mode, change the text input mode to the ABC mode, or proceed as follows:

1. Press the Spell soft key, or press the soft key and select the Add word option.

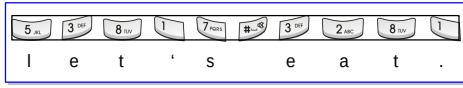
2. Enter the word you want to add using the ABC mode and press the Ok soft key.
   The word is saved in the T9 dictionary and inserted in the input field.

3. Continue entering other words in the T9 mode.

Smart Punctuation

To enter periods, hyphens or apostrophes, press the **1** key. The T9 mode applies rules of grammar to insert the correct punctuation.

Example: The **1** key is used twice to display two punctuation marks.



Changing the Case

To change the case of the next letter(s) that you type, press the ***** key. There are three cases:

- Lower Case(no indicator)
- Initial Capital(⬆)
- Capital Lock(⬆)

Inserting a Space

To insert a space between words, press the **#** key.

Entering a Number directly

To enter a number, press and hold the number key.

Scrolling

To move the cursor to the left or right within the text, press the Navigation keys(left or right).

Clearing Letters and Words

To clear the letter to the left of the cursor, press the **C** key. You can clear all of the letters on the display by pressing and holding the **C** key.

Returning to the Previous Screen

When the text input field is cleared, press and hold the **C** key to return to the previous screen.

Using the ABC Mode

When typing in the ABC mode, press the key labeled with the required letter:

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

Example: To display the letter 'C,' quickly press the **2** key three times. To display the letter 'K,' press the **5** key twice. This method is called Multi-tap typing.

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, just press the Right key or wait a few seconds for the cursor to move to the right automatically, and then enter the next letter.

Refer to the table for more information about the characters available. The characters vary, depending on the text input language. You can select the language by setting one of the following options:

- Language select: see 'Changing the Text Input Mode' section of this guide.
- Input mode(Menu 6.4.2)

List of the characters available

Key	Characters in the Order Displayed
1	. , - ? ! ‘ @ : 1
2	A B C 2
3	D E F 3
4	G H I 4
5	J K L 5
6	M N O 6
7	P Q R S 7
8	T U V 8
9	W X Y Z 9
0	0

(Capital Lock mode in English)

Changing the Case

To change the case of the next letter(s) that you type, press the ***** key. There are three cases:

- Lower Case(no indicator)
- Initial Capital(⬆)
- Capital Lock(⬆)

Inserting a Space

To insert a space between words, press the **#** key.

Entering a Number directly

To enter a number, press and hold the number key.

Scrolling

To move the cursor to the left or right within the text, press the Navigation keys(left or right).

Clearing Letters and Words

To clear the letter to the left of the cursor, press the **C** key. You can clear all of the letters on the display by pressing and holding the **C** key.

Returning to the Previous Screen

When the text input field is empty, press and hold the **C** key to return to the previous screen.

Using the Symbolic Mode

The Symbolic mode enables you to enter symbols in your text. Press the key as follows.

To	Press the
display more symbols	Navigation keys(up or down)
enter a symbol	corresponding number key
return to the previous text input mode	**Ok** or soft key.

Using the Number Mode

The number mode enables you to enter numbers in your text. Press the keys corresponding to the digits you want to enter.

Making a Call

Using the Number Keypad

When the idle screen is displayed, enter the area code and phone number, and press the key.

Correcting the Number

Press the key as follows.

To clear	Press the
the last digit displayed	**C** key.
any other digit in the number	Left or Right key until the cursor(|) is immediately to the right of the digit to be cleared and press the **C** key. You can also insert a missing digit simply by pressing the appropriate key.
the all digits displayed	**C** key and hold it down for more than one second.

Making an International Call

1. Press and hold the **0** key for the international prefix. The **+** character appears.

2. Enter the country code, area code and phone number and press the key.

Making a Call from Phonebook

You can store the names and phone numbers called regularly in the SIM card and phone's memory, which are jointly called the Phonebook. You then do not need to remember all your numbers; simply select the required name to recall the associated number. For further details about the Phonebook feature, see 'Phonebook' section of this guide.
SIM card can be used in Wi-Fi phone for sharing the phonebook between cellular phone and Wi-Fi phone.

Using the Call Logs

The phone stores up to 20 calls dialed, received or missed chronologically. The last call is saved in the first position. If the same number occurs more than once, only the latest occurrence is saved.

To recall any of these numbers:

1. Press the key in Idle Mode to access the Call log list.

2. Use the Navigation keys(up and down) to scroll through list until the number you want highlights.

   The call logs are listed with the following icons:
   - : Dialled calls
   - : Received calls
   - : Missed calls

3. To dial the number, press the key.

To view each call record, see 'Call Records' section of this guide.

Viewing Missed Calls

If you have a subscription that includes the Caller Line Identification(CLI) feature and you are unable to answer a call for any reason, you can find out who was calling you so that you can call the person back.

The number of missed calls displays on the idle screen immediately after a call was missed.

To view the missed calls immediately:

1. Press the **Missed** soft key.
2. If necessary, scroll to the number you want by pressing the Up or Down key.
3. To dial the number, press the key.

To use the missed call options, see 'Missed Calls (Menu 2.1)' section of this guide.

NOTE

To clear the missed call notification on the display, press the key. When you also have voice mails, short messages or multimedia messages and the Key indication changed in the following order: **Missed, Connect, View** and **Phonebook.**

Speed-dialing from Phonebook

Once you have stored numbers in the Phonebook, you can dial a number simply by pressing one or two keys. For further details, see 'Speed List (Phonebook 1.3)' section of this guide.

Ending a Call

When you want to finish your call, briefly press the key.

Answering a Call

When somebody calls you, the phone rings and displays the incoming call animation.

If the caller can be identified, the caller's phone number, or name if stored in your Phonebook, displays.

To answer a call, press the key or **Accept** soft key.

NOTE

You can answer a call while using the Phonebook or menu features. The current operation stops.

Rejecting a Call

To reject an incoming call, press the key or **Reject** soft key.

Adjusting the Volume

During a call, if you wish to adjust the earpiece volume, use the volume keys on the left side of the phone. When you hear ring tone, you can also mute it by long press of volume keys.

Accessing Options During a Call

Your phone provides a number of control functions that you can use during a call.

Switching the Microphone Off (Mute)

You can temporarily switch your phone's microphone off so that the other person cannot hear you.

Example: You may wish to say something to another person in the room but do not want the calling person to hear you.

1. Press the **Options** soft key.

2. When **Mute** highlights, press the **Select** soft key. The Mute icon() appears on the bottom line of the display and your correspondent can no longer hear you.

To switch the microphone back on:

1. Press the **Options** soft key.

2. When **Unmute** highlights, press the **Select** soft key. The Mute icon() disappears and your correspondent can hear you.

Using the Speaker phone(? ?)

When you want to activate speaker phone, you should press (speaker phone) key for 3~4 seconds.

Using the Ear-microphone

With the ear-microphone, you can make or answer a call without holding the phone.
When you connect the ear-microphone to the jack at the left side of the phone, the key on the ear-microphone works as listed below:

To	Press
redial the last call	The key twice in Idle Mode.
answer a call	Hold the key when you receive the call. → long press
end a call	Hold the key when you have finished the call. → long press

TROUBLESHOOTING

Possible problems and troubleshooting steps for your phone are described below. Check the troubleshooting steps before contacting your Authorized Samsung Reseller.

The LCD does not light up.

Battery is discharged. Recharge the battery and turn the phone on again.

The bell does not ring or the ring sound is too small.

- Check if the phone is set to Quiet Mode.
- Adjust the volume using the Volume key.
- Check if VIP filter or Private no. filter is enabled.

The lamp on the charger flashes yellow.

- Take the battery out from the charger and put the battery in again.
- If the yellow light continues to flash, clean the charging terminals of the charger.
- If the yellow light continues to flash despite the above measures, contact the Samsung Electronics service center.

The battery is not discharged but the phone does not turn on.

- Take the battery out and put it in again, and turn the phone on.
- Take the battery out, clean the charging terminals of the battery. Then put the battery back in, and turn the phone on.

Voices echo during a call.

Press the Volume key and adjust the volume or move to another area.

The indicator appears on screen and calls cannot be made.

- Your phone may not be registered on the system. Use the phone after registration.
- Move to an area where service can be provided.
- If the phone does not work despite the above measures, contact the Samsung Electronics service center.

Calls are disconnected frequently.

- Move to another area since the frequency is unstable.
- If calls are still disconnected frequently, contact the Samsung Electronics service center.

The phone operates abnormally or does not operate at all.

Take the battery out and insert it again, and turn the phone on again. If the problem continues, contact the Samsung Electronics service center.

Health and Safety Information

Exposure to Radio-Frequency Energy (SAR Information)

This phone meets European Union(EU) requirements concerning exposure to radio waves.

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured, so as not to exceed the limits for exposure to radio-frequency(RF) energy, as recommended by the EU Council.
These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines were developed by independent scientific organizations through the periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to ensure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as SAR(Specific Absorption Rate). The SAR limit recommended by the EU Council is 2.0W/kg.

The Highest SAR Value for this model phone was0.842 W/kg/.

NOTE

The SAR limit for mobile phones used by the public is 2.0 watts/kilogram(W/kg) averaged over ten grams of body tissue. The limit incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. The SAR values may vary depending on national reporting requirements and the network band.

SAR tests are conducted using standard operating positions 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 base station, the lower the power output of the phone.

Before a new model phone is available for sale to the public, compliance with the European R & TTE Directive must be shown. This directive includes as one of its essential requirements the protection of the health and safety of the user and any other person.

This mobile phone meets guidelines for FCC exposure Requirements to radio waves.

Your mobile phone is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA) and Industry Canada.

These requirements set a SAR limit of 1.6W/kg averaged over 1 gram of tissue. The highest SAR value reported under this standard during product certification for use at the ear is **1.25 W/kg**, and when properly worn on the body is **1.27 W/kg**.

Information about this device model can be found at /www.fcc.gov/oet/fccid by searching the equipment system using FCC ID: A3LSMTW6100.

Precautions When Using Batteries

- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power: talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time(talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging may shorten its life.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.
- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0°C (32°F).

- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object(coin, clip or pen) causes a direct connection between the + and - terminals of the battery(metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Dispose of used batteries in accordance with local regulations. Always recycle. Do not dispose of batteries in a fire.

Operating Environment

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

When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position

Electronic Devices

Most modern electronic equipment is shielded from radio frequency(RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Pacemakers

Pacemaker manufacturers recommend that a minimum distance of 15 cm(6 inches) be maintained between a wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- should always keep the phone more than 15 cm (6 inches) from their pacemaker when the phone is switched on.
- should not carry the phone in a breast pocket.
- should use the ear opposite the pacemaker to minimize potential interference.

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

Hearing Aids

Some digital wireless phones including Wi-Fi phone may interfere with
some hearing aids. In the event of such interference, you may wish to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch off your phone in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Posted Facilities

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

Potentially Explosive Atmospheres

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

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

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

Other Important Safety Information

- Only qualified personnel should service the phone. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Care and Maintenance

- Keep the phone and all its parts and accessories out of the reach of small children's.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- 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. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Product Specifications

The specifications of the SMT-W6100 are as follows

Items	Specification
Model Name	SMT-W6100
Frequency	2400~2484 Hz
Size(mm)	46(width) X 138(length) X 16(thickness)
Operating Temperature()	0~45°C
Operating Humidity(%)	0~ 90%
Weight	90 g
Battery Charge Time	3.5 Hour
Battery Duration	In conversation: 4 Hour In standby: 40 Hour

416, Maetan -3dong Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea

Declaration of Conformity to R&TTE Directive 1999/5/EC

Product Name : **WLAN Phone**

Product Model : **SMT-W6100**

Factory name : **Samsung Electronics Co, Ltd.**

Address : 259 Gongdan-Dong, Gumi City Kyungbuk, Korea, 730-030

This equipment fulfils the R&TTE directive(Council Directive 1999/5/EC). European States qualified under wireless approvals:

EU	Austria, Belgium, Denmark, Finland, France(with frequency restrictions), Germany, Greece, Ireland, Italy, Luxembourg, The Netherlands, Portugal, Spain, Sweden, and the United Kingdom
Accept EU	Iceland, Liechtenstein, Norway, and Switzerland

European States with restrictions on use:

EU	In France, the frequency range is restricted to 2446.5-2483.5 MHz for devices above 10 mW transmitting power such as wireless.
Accept EU	No Limitations at this time.

CCS **0984**

(Marchio di Identificazione) (Numero di Certifi cazione)

Documentazione Tecnica fornita a :

Samsung Electronics Co., Ltd.

Numero Certificato Nemko :

KOREA / 2006. 3. 5	**Chang-rae Jeong / General Manager**	
(Place and date issue)	(Name and position)	(Signature of authorized person)

SMT-W6100 Quick Reference Card

Accessing a Menu Function	**1.** In Idle Mode, press the **Menu** soft key to access the main menu. Or press the **Phonebook** soft key to access Phonebook menu. **2.** Scroll through the menus using the Navigation keys(left or right). **3.** Find the sub-menu that you wish to use by scrolling with the Navigation keys(up or down). **4.** Press the **Select** soft key to access the submenu.
	Each of two soft keys(and) performs the function indicated by the text above them, on the bottom line on the display.

Navigation Keys (up/down/ left/right)	In Menu Mode, Scroll through the menu options. In Idle Mode, - Left key enters the **Voice mail server connection** screen. - Right key enters the **SMS main menu** screen - Up key enters the **Camera** menu, when pressed and held it switches the phone to the capture mode. - Down key enters the **Find name** menu.

Switch On/Off	Press and hold the key until the phone switches on/off.
Making a Call	**1.** In Idle Mode, enter the area code and phone number **2.** Press the key.
Ending a Call	Press the key.
Answering a Call	Press the key. Or **Accept** soft key.
Adjusting the Volume	Press the Volume keys on the left side of the phone.
Redialling the Last Number	Press the key twice.
Speed-Dialling	**1.** In Idle Mode, press the number key, **2** to **9**, assigned to the speed-dial entry. **2.** Press the key.
Dialling a Number in your SIM Card	**1.** Enter the SIM location. **2.** Press the **#** key, and press the key.
Storing Numbers in Phonebook	**1.** Enter the number. **2.** Press the **Save** soft key. **3.** Choose a number type using the Up or Down key and press the **Select** soft key. **4.** Enter the name and press the **Ok** soft key.
Searching for a Number in Phonebook	Press the **Phonebook** soft key in Idle Mode. Select **Find name.** Enter a name. Press the **Ok** soft key. Press the Left or Right key, if necessary. Press the key to dial.