Single-Mode Digital phone

Owner's Manual

HGP-4000XL

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CHAPTER 1

BEFORE USING YOUR PHONE

Please read this chapter before using this product.

❶ Package Includes

❷ Handset Description

❸ Basic Functions

❹ Display Indicators

❺ Using the Battery

❻ Charging the Battery

❼ Important Battery Information

PACKAGE INCLUDES

Thank you for purchasing this product. Please check the product contents by comparing them with the following pictures.

Handset

Desktop Charger

Standard Battery

Handstrap

Ear-Micphone

User Manual

Note

In case there are any product defects, please report them to the place of purchase immediately.

HANDSET DESCRIPTION

Earpiece

LCD Screen

LED
Blinks when you make a call or receive a call

Antenna
For best call quality, extend the antenna during the call

Ear-Phone Jack

Volume Button
Used to adjust the volume of the earpiece and ringer volume

Function Keys

Keypad

Microphone

BASIC FUNCTIONS

THE FUNCTION KEYS

SEND — This key is used to make or receive a call.

END/P — This key is used to terminate a call or exit the current menu. This key is used to turn the handset on or off.

WEB — This key is used to access the WEB.

Clr — This key clears the digits or text from the display or memory.

◄* #► — These keys are used to scroll through the contents of the menu.

(Soft 1) This key is used to access the menu.

(Soft 2) This key is used to access voice or text messages.

DISPLAY INDICATORS

SCREEN STATUS, DISPLAY AND FUNCTION

Signal Strength
Indicates current signal strength. The more lines, the stronger the signal.

Roaming
Indicates the phone is outside of its home area.

Service Indicator
When a call is in progress, ☎ is displayed.
When ☎ is displayed, the phone is in idle mode.
When ☎ is displayed, the phone is not receiving a signal from the system.

Message
Indicates a text message or a voice mail message is waiting.

Alarm
Indicates that the alarm is activated.

Battery
Indicates battery charge level status. The more black you see, the greater the charge.

Bell
Indicates the phonecall with a ring.

Vibration
Indicates the phonecall with a vibration.

USING THE BATTERY

USING THE BATTERY

1 ❶ Insert the bottom of the battery into the groove at the bottom of the handset. Then ❷ press in the top of the battery until it snaps.
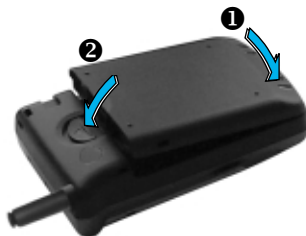
REMOVING THE BATTERY

1 Push the tab ❶ with one hand and lift the top of the battery ❷ to separate.

The battery must be correctly placed in the battery compartment. If battery is incorrectly inserted, the handset will not turn on or the battery may slip out during use.

CHARGING THE BATTERY

POWER CONNECTION

1 Connect the charger to a standard 240V AC outlet. LED will turn orange when the power is connected.

CHARGING THE BATTERY ONLY

1 To charge the battery only, insert the battery pack into the charging slot on the charger.

LED will indicate charging status.

- Red indicates charging.

- Green indicates charging is complete.

¥ Battery is not charged when you purchase the product.
¥ Fully charge the battery before use.

CHARGING THE BATTERY

CHARGING THE BATTERY WITH THE HANDSET

1 To charge the battery with the handset, insert the handset into the charger.

Note
Charging the battery with the handset on is less efficient than charging it with the handset off.

CHARGING COMPLETION

1 Charging is completed when the green-colored LED stays on.

STATUS OF CHARGER LED S

Charging in Safety Mode (Orange Color On)	Charging in Progress (Red Color On)	Charging Completion (Green Color On)
○	●	◉

Note
If the red LED does not come on after the handset or battery has been inserted into the charging slots, re-insert or check power.

CHARGING THE BATTERY

TIME TO COMPLETE BATTERY CHARGING (ONLY FOR ITS TURN OFF CONDITION)

Battery Type	Standard Battery(Min) (650 mAh)
Charging Time (Max)	300

BATTERY LIFE (FOR NEW BATTERY)

Status \ Type	Standard Battery (650 mAh)
Talk (min)	105
Stand by (hrs)	120

IMPORTANT BATTERY INFORMATION

Use only batteries and chargers approved by the phone manufacturer.

When a charger is not in use, disconnect it from the power source. Do not leave the battery connected to a charger for longer than a week; overcharging may shorten its life.

If left unused, a fully charged battery may completely drain (discharge) in 1 - 4 weeks.

Never use any charger or battery that is damaged or worn out.

Use the battery only for its intended purpose.

Do not short circuit the battery. Accidental short circuiting can occur when a metallic object (e.g. coin, clip or pen) causes direct connection of the two terminals of the battery (metal strips on the back of the battery), for example, when you carry a spare battery in your pocket or purse. Short circuiting the terminals may damage the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, reduces the capacity and lifetime of the battery. Always try to keep the battery between 41ºF and 95ºF (5ºC and 35ºC). A phone with a hot or cold battery may temporarily not work (or charge) even if the battery is fully charged.

Temperature extremes affect the ability of your battery to charge; allow it to cool down or warm up first.

When the battery is not in use, store it uncharged in a cool, dark and dry place.

The battery is a sealed unit with no serviceable parts. Do not attempt to open the case.

It is recommended that you allow your battery to fully discharge before you recharge it.

The battery can be charged and discharged hundreds of times but will eventually wear out. When the operating time is shorter than normal, it is time to buy a new battery.

Do not dispose of a battery in a fire!

Dispose of used batteries in accordance with local regulations.

Recycle!

CHAPTER 2

BASIC OPERATION

❶ Turning the Phone On and Off

❷ How to Use the Menu

❸ Menu Summary

❹ Basic Functions

❺ Functions During a Call

TURNING THE PHONE ON AND OFF

TURNING THE PHONE ON

1
- Press and hold [END/P].
- The phone is locked if "LOCKED" is displayed on the screen. When "LOCKED" is displayed, enter the 4-digit lock code to unlock the phone.
- The default lock code is the last 4 digits of your phone number.

TURNING THE PHONE OFF

1
- Press and hold [END/P] until "Good Bye!" is displayed.

> **Note**
> ¥ If the LOW BATTERY WARNING POWER OFF is displayed and the power goes off, there is a possibility of damaging the memory. Change or charge the battery immediately.
> ¥ If the battery is removed while the phone is on, it may erase last call information.

HOW TO USE THE MENU

1
In the standby screen, press [◀]

2
In the menu, use scroll keys to view the menu selections. If you press and hold the scroll keys, the menu scrolls automatically.
Use the following to scroll:
[*],[#],[▲],[▼], volume [+], volume [-], located on side of handset.

3
To go back to previous screen, press [Clr] or [prev] key. to exit the menu, press [END/P].

4
To go into submenu, press the corresponding number.

5
[◀], [Clr], and [END/P] can be used while using the menu.

MENU SUMMARY

1 : PHONE BOOK ▶ 1 : BY LOCATION
2 : BY NAME
3 : MY NUMBER

2 : CALL LOGS ▶ 1 : MISSED CALL
2 : ANSWERED CALL
3 : DIALED CALL

3 : SCHEDULE ▶ 1 : LIST ALL
2 : INPUT SCHEDULE
3 : PAUSE ALL

4 : SETTING ▶ 1 : AUTO RETRY 1 : INTERVAL
2 : REPEAT
2 : AUTO ANSWER
3 : OPEN TO ANSWER
4 : ONE-TOUCH
5 : VOICE PRIVACY
6 : BACKLIGHT
7 : DISPLAY 1 : LCD CONTRAST
2 : LOGO DISPLAY
3 : LANGUAGE
4 : GRAPHIC ICON
(ON, OFF, VIBRATE,
SLIDE BELL)
8 : RING MODE
9 : RING TYPE

5 : VOLUME ▶ 1 : KEYPAD
2 : RINGER
3 : EARPIECE

6 : TIMER ▶ 1 : LAST CALL
2 : ALL CALLS
3 : HOME CALLS
4 : ROAM CALLS

MENU SUMMARY

7 : SPECIAL ▶ 1 : DATA SERVICE 1 : FLOW CONTROL
2 : RECEIVE MODE
2 : MY MELODY 1 : WRITE MELODY
2 : HEAR MELODY
3 : MELODY SPEED
3 : STOPWATCH
4 : CALCULATOR
5 : BIORHYTHM 1 : TODAY
2 : SOMEDAY
3 : BIRTHDAY
6 : MEMO 1 : LIST ALL
2 : INPUT MEMO

8 : ALERTS ▶ 1 : MIN ALERT
2 : ROAM ALERT
3 : FADE ALERT
4 : LOW SIG ALERT
5 : CONNECT ALERT
6 : MAIL ALERT

0 : SECURITY ▶ 1 : AUTO LOCK
2 : CHANGE CODE
3 : CHANGE BANNER
4 : RESTRICT 1 : INCOMING
2 : OUTGOING
3 : MEMORY
5 : RESET
6 : CLEAR 1 : CLR NUMBER
2 : CLR SCHEDULE
3 : CLR CALL LOGS
4 : CLR HOME CALLS
5 : CLR ROAM CALLS
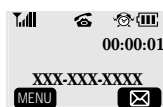7 : VERSION

BASIC FUNCTIONS

MAKING A CALL

1 Enter the phone number.

How to modify the phone number you have entered:

● To erase the last number entered: Press [Clr].
● To erase all numbers entered and start again: Press [Clr] and hold for more than half of a second.

2 Press [SEND].

● "CALL FAILED" message is displayed when the call does not connect.
● If the line is busy, press [END/P]. Retry by pressing [SEND].
● If you select the AUTO RETRY function, the call will be retried automatically for the time you have selected.

Press [END/P] to end the call.

BASIC FUNCTIONS

PAUSE FEATURE

Pauses are used for automated systems (e.g., voice mail and calling cards). To insert pauses:

1 Enter phone number, then press [◄].

2 Select desired pause.

- When in idling status:
  1 : STORE
  2 : BY NUMBER
  3 : HARD PAUSE
  4 : ONE HYPHEN

- When in receiving call status:
  1 : SEND PHONE#
  2 : SCRATCH PAD
  3 : MUTE
  4 : VIEW PHONE#
  5 : VOICE PRIVACY

Pause Definitions:

● HARD PAUSE: If you enter the pause character (P), the number entered after the pause character will be sent after the number dialed.

3 ● Press [SEND] to dial or [1] to store.

HOW TO ANSWER CALLS

1 When the phone rings or LED blinks, press any key except Volume or [END/P].

2 To end the call, press [END/P].

AUTO ANSWER

This function allows an incoming call to automatically be answered after a set number of rings.
To enable this function, press [▼], [4], [2].

Note — *If you set up the AUTO ANSWER function in advance, the call will be answered after the selected number of rings. (Refer to page 33)*

CALLER ID FUNCTION

When there is an incoming call, the caller's phone number is displayed on the screen.

Note — *The Caller ID number is saved in the call log.*

CALL WAITING FUNCTION

This function notifies you there is an incoming call when you are on the phone.

● To answer the call, press [SEND] when you hear the beep.

● To switch back to the first caller, press [SEND] again.

MISSED CALL DISPLAY

1 Displays the number of missed calls and the time the call was missed.

Tᴀll ☎ ☼ꕤ▥
MISSED
XX CALLS
XX:XX PM
CALLER ID

● The message will be cleared when you press the [Clr] or [END/P] key or [▼].

HOW TO ADJUST VOLUME

You can adjust the volume in two ways: by using the volume control keys on the side of the handset, or by using the menu.

1 Adjust volume by using the volume control keys during the following operations.

● During a Call : Earpiece volume adjustment.

● Standby Status : Ringer volume adjustment.

● When the Phone Rings : Ringer volume adjustment.

● Call status in hands-free : Hands-free volume adjustment. Press [END/P] when the phone rings and it will mute the ringer.

VIBRATOR

This function disables the ringer and vibrates the phone any time an incoming call is in process. To enable this function press [▼], [4],[8] and select VIBRATE by pressing the "up" and "down" keys at the upper left side of the phone.

SENDING YOUR NUMBER TO A PAGER

This function enables the phone number of the handset to be transmitted automatically to a pager, depending on pager service.

1 After calling a pager, when you are asked to enter your number, press [▸], then [1] "SEND PHONE #".

SCRATCH PAD

1 While on a call, press [▸], then [2] "SCRATCH PAD".

2 Enter the phone number, then press [▸].

MUTE

1 Press [▸], then [3] "Mute".

Note To unmute, press [▸],then[3] Mute again.

CHAPTER 3

MEMORY FUNCTION

❶ How to Store a Phone Number
❷ How to Make a Call Using a Stored Phone Number
❸ How to Find Your Call Logs
❹ How to Find Your Phone Book

HOW TO STORE A PHONE NUMBER

You can store up to 100 frequently used phone numbers in memory.

1 Enter the phone number you want to store and press [🖑], then[1] "Store".

- The first available initial empty memory location number is displayed. If there is no empty location, "MEMORY SPACE IS FULL!" is displayed with a warning sound.

- If there is a desired memory location number, enter the number.

```
Tull  ☎  ✿ (Ⅲ
    LOCATION:XX

    XXX-XXXX-XXXX
STO            CLR
```

2 If the "OVERWRITE?" message appears after entering the memory location number, it means there is another stored phone number in that location already.

Select "YES/NO" and press [🖑] "SEL".

- Yes: Deletes the previously stored number and stores the new one.
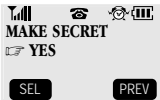
- No: Keeps the previously stored number.

```
Tull  ☎  ✿ (Ⅲ
OVERWRITE?
☞ YES

SEL            PREV
```

3 Enter the person's name and press[🖑].

- Search mobile/office/home type and then press [🖑].

```
Tull  ☎  ✿ (Ⅲ
PHONE_NUM TYPE?
☞ MOBILE

SEL            PREV
```

4 To make secret, select Yes. It can then be displayed only when the lock code is entered.

```
Tull  ☎  ✿ (Ⅲ
MAKE SECRET
☞ YES

SEL            PREV
```

HOW TO STORE A PHONE NUMBER

How to Enter Letters and Characters Using the Dial Buttons

1. Select characters you wish to enter using the key pad.

Key Pad	1 Repetition	2 Repetition	3 Repetition	4 Repetition	5 Repetition
1	1				
2ABC	A	B	C	2	
3DEF	D	E	F	3	
4GHI	G	H	I	4	
:	:	:	:	:	:
9WXYZ	W	X	Y	Z	9

- Press [✱] to toggle between upper and lower case. Press and hold [🖑] key until symbol screen appears.

- When entering special characters such as 0.,?!@_+-=()*#:;%/, press [▾] repeatedly. The special characters will be displayed in order.

- T9 Text input. See page 75.

2. Press [#] to enter the next character.

- The cursor automatically moves to the next columm two seconds after a letter has been entered.

3. Repeat until all the characters you want are entered.

- You can store up to 16 characters.

4. Erasing Entry.

- To erase one letter, press [Clr].

- To erase the entire entry, press and hold [Clr].

HOW TO MAKE A CALL USING A STORED PHONE NUMBER

ONE TOUCH/TWO TOUCH DIALING

This feature allows the phone book entries to be dialed via the key-pad.

ONE TOUCH DIALING:

1-9 : Press corresponding memory number and hold for more than 1 second.

TWO TOUCH DIALING:

00, 10-99 : press the first digit and the second digit of the memory number short and long respectively.

- If no phone number is stored in the location depressed, "Empty Location" will appear on the screen.

- If a phone number is stored in the secret location, the number is not displayed when making a call.

> *Note*
>
> *One touch dialing must be turned on in the handset. See page 35.*

HOW TO FIND YOUR CALL LOGS

Your phone can display the 10 most recent missed, incoming, and outgoing calls. You can call those numbers without dialing their whole number.

MISSED CALLS

1 Press [⬛], then [2], then [1].

    ☞[01]XXXXXXXX
    [02]XXXXXXXXXX
    [03]XXXXX
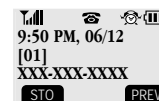   DTAL   PREV

---

2 Press [⬛] to check the detail information about phone number.

- The last missed call, its phone number, time and date are displayed.

---

3 To check your missed calls using the scroll keys:

- [✱] Scrolls up the phone numbers.

- [#] Scrolls down the phone numbers.

    9:50 PM, 06/12
    [01]
    XXX-XXX-XXXX
    STO   PREV

---

4 Press [SEND] to dial desired missed call number.

---

5 Press [Clr] to erase desired missed call number.

HOW TO FIND YOUR CALL LOGS

ANSWERED CALLS

Press [⬐], then [2], then [2]. (Refer to previous page.)

● The last answered call, its phone number, time and date are displayed.

Press [SEND] to dial desired answered call number. (Refer to previous page.)

Press [Clr] to erase desired missed call number.

DIALED CALLS

Press [⬐], then [2], then [3].
Press [SEND] to dial desired answered call number. (Refer to previous page.)

Press [Clr] to erase desired missed call number.

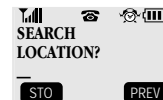● The last outgoing call, its phone number, time and date are displayed.

HOW TO FIND YOUR PHONE BOOK

RECALLING BY MEMORY LOCATION NUMBER

1 Press [⬐], then [1], then [1].

2 Enter the memory location number.

● If you don't enter a specific memory location number, use the scroll key to search from the first memory location number.

SEARCH LOCATION?
STO   PREV

3 Search phone numbers using scroll key.

DAVID
[01]
XXX-XXX-XXXX
EDIT   PREV

● [▲]/[▼] scrolls up the phone numbers.
● [⬐] edits the phone#.
● [Clr] erases the phone#.
● [✱]/[#] searches mobile/office/home number.

4 Press [SEND] to dial desired phone book number.

HOW TO FIND YOUR PHONE BOOK

RECALLING BY NAME (ALPHA)

1 Press [![arrow]], then [1], then [2].

2 Enter the alpha (or part of the alpha). Then press [![arrow]].

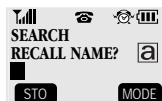|		
Tₐₗₗ	☎	🔔📶
SEARCH		
RECALL NAME?		a
■		
STO		MODE

3 To locate the phone number using the scroll key:

- [▲]/[▼] search phone number.
- [![arrow]] edits the phone#.
- [Clr] erases the phone#.
- [✳]/[#] searches mobile/office/home number.

4 Press [SEND] to dial.

CHAPTER 4

MENU

Please read this chapter before using this product.

❶ Settings
❷ Volume
❸ Timers
❹ Alerts
❺ Phone Info

SETTINGS

AUTO RETRY

When a call is not connected, this function retries the call automatically at a set interval or amount of retries.

INTERVAL

1 Press [◄], then [4], then [1], then [1].

2 Select the parameter(OFF, 5 , 10 , 20 , 30 SECONDS) by using the scroll keys. Press [◄].

REPEAT

1 Press [◄], then [4], then [1], then [2].

2 Select the parameter(1 , 5 , 10 TIMES) by using the scroll keys. Press [◄].

SETTINGS

AUTO ANSWER

This function answers an incoming call automatically after a number of rings that the user sets.

1 Press [◄], then [4], then [2].

2 Select the parameter
(NO USE, 1 , 3 RINGS)
by using the scroll keys.
Press [◄] to set.
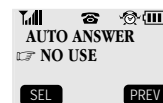
- Auto answer function does not work if you select [silent] or [vibrator] or [slide bell].

OPEN TO ANSWER

This function allows an incoming call to be answered by opening the flip cover.

1 Press [◄], then [4], then [3].

2 Select the parameter (ON,OFF) by using the scroll keys. Press[◄].

SETTINGS

ONE TOUCH DIALING

This function allows the phone book entries to be dialed via the keypad.

1 Press [◀], then [4], then [4].

2 Select the parameter (NO, YES) by using the scroll keys. Press [◀].

VOICE PRIVACY

1 Press [◀], then [4], then [5].

2 Select the parameter (STANDARD, ENHANCED MODE) by using the scroll keys. Press [◀].

SETTINGS

BACKLIGHT

This function allows you to adjust the time to light up the screen, so that you can conveniently use the phone even in dark places.

1 Press [◀], then [4], then [6].

2 Select the parameter (OFF, OFF IN DAY,10 SECS, 5 SECS, 3 SECS) by using the scroll keys. Press [◀].

DISPLAY

This function adjusts the LCD screen contrast.

LCD CONTRAST

1 Press [◀], then [4], then [7], [1].

2 Select the contrast level by using the scroll keys. Press[◀].

SETTINGS

LOGO DISPLAY

1 Press [ ], then [4], then [7], [2].

```
Yill    ☎  ☼▥
LOGO DISPLAY
☞ DATE

SEL          PREV
```
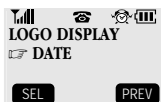
2 Select the parameter Banner(Date,World MAP) by using the scroll keys. Press [ ].

LANGUAGE

1 Press [ ], then [4], then [7], [3].

```
Yill    ☎  ☼▥
LANGUAGE?
☞ ENGLISH

SEL          PREV
```
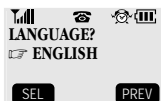
2 Select the Language (ENGLISH,SPANISH) by using the scroll keys. Press [ ].

GRAPHIC ICON

1 Press [ ], then [4], then [7], [4].

```
Yill    ☎  ☼▥
GRAPHIC ICON
☞ YES

SEL          PREV
```
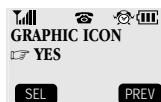
2 Select the parameter (YES, NO)by using the scroll keys. Press [ ].

SETTINGS

RING MODE

1 Press [ ], then [4], then [8].

2 Select the parameter (ON, OFF, VIBRATE,SLIDE BELL) by using the scroll keys.

3 Press [ ].

RING TYPE

1 Press [ ], then [4], then [9].

2 Select the parameter (1-18) by using the scroll keys.

```
Yill    ☎  ☼▥
RINGER
☞ RINGER 6

SEL          PREV
```

- ✘ Different tones (1-6).
- ✎ Different melodies (7-13).
- ✎✐ My melodies (14-18).
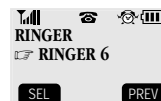
3 Press [ ].

VOLUME

KEY PAD

1 Press [◀] then [5], then [1], the volume for the keypad.

- If the warning alarm sounds because of low battery, the sound will not be heard even if the user presses the button.

2 Select the volume level by using the scroll keys.

- [◀]/[▲] scroll up to increase volume.

- [◀]/[▼] scroll down to lower volume, or change setting to Silent.

3 Press [◀].

VOLUME

RINGER

1 Press [◀], then [5], then [2] to change the ringer volume.

2 Select the volume level by using the scroll keys.

- [◀]/[▲] scroll up to increase volume.

- [◀]/[▼] scroll down to lower volume, or setting to Silent.

3 Press [◀].

EARPIECE

1 Press [◀], then [5], then [3] to change the earpiece volume.

2 Select the volume level by using the scroll keys.

- [◀]/[▲] scroll up to increase volume.

- [◀]/[▼] scroll down to lower volume, or setting to Silent.

3 Press [◀].

TIMERS

LAST CALL

1 Press [📞], then [6], then [1].

ALL CALLS

1 Press [📞], then [6], then [2].

HOME CALLS

1 Press [📞], then [6], then [3].

ROAM CALLS

1 Press [📞], then [6], then [4].

ALERTS

MIN ALERT

1 Press [📞], then [8], then [1].

This function sounds an alert every minute, letting you know the call lapse time.

```
📶   ☎   ⏰ 🔋
   MIN ALERT
☞ OFF
 SEL          PREV
```

2 Select the parameter (ON,OFF) by using the scroll keys. Press [📞].

ROAM ALERT

This function sounds an alert and gives out a message when the handset enters a new service area, when it enters another service area, or when it leaves the user service area.

1 Press [📞], then [8], then [2].

```
📶   ☎   ⏰ 🔋
   ROAM ALERT
☞ OFF
 SEL          PREV
```
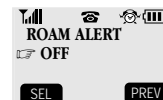
2 Select the parameter (ON, OFF) by using the scroll keys. Press [📞].

FADE ALERT

This function sounds an alert when the phone cannot make calls due to poor signal strength.

1 Press [✈], then [8], then [3].

```
Tₐₗₗ    ☎   🔔💡
FADE ALERT
☞ OFF

SEL        PREV
```

2 Select the parameter (ON, OFF) by using the scroll keys. Press [✈].

LOW SIGNAL ALERT

This function sounds an alert when the signal of a received call is weak.

1 Press [✈], then [8], then [4].

```
Tₐₗₗ    ☎   🔔💡
LOW SIG ALERT
☞ OFF

SEL        PREV
```

2 Select the parameter (ON, OFF) by using the scroll keys. Press [✈].

CONNECT ALERT

This function sounds an alert when the call is mode.

1 Press [✈], then [8], then [5].

```
Tₐₗₗ    ☎   🔔💡
CONNECT TONE
☞ LOW

SEL        PREV
```

2 Select the parameter (OFF,LOW,MID,HIGH) by using the scroll keys. Press [✈].

MAIL ALERT

1 Press [✈], then [8], then [6].

```
Tₐₗₗ    ☎   🔔💡
MAIL ALERT
☞ ON

SEL        PREV
```

2 Select the parameter (ON,OFF) by using the scroll keys. Press [✈].

PHONE INFO

CHECKING MY NUMBER

This is a function to check the telephone number of the handset currently in use.

1 Press [🔻], then [1], then, [3].

```
Tall    ☎  ⚘◀Ⅲ
       DIGITAL

           00000000
OK              PREV
```

CHECKING THE PHONE VERSION

This function checks the version of the handset currently in use.

1 Press [🔻], then [0],
then enter [PASSWORD], then [7].

```
Tall    ☎  ⚘◀Ⅲ
       VERSION(M1)
SW : XXXXX
HW : XXXXXXXX
OK              PREV
```
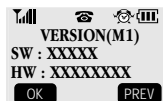
CHAPTER 5

SECURITY FEATURES

❶ How to Lock Your Phone

❷ How to Change Your Banner

❸ How to Restrict Your Phone

❹ How to Reset Your Phone

❺ How to Clear Your Phone Memory

AUTO LOCK

This function prevents any other person from using the handset without permission. When it is locked, the handset cannot be used to dial or activate any other function.

1   Press [⬤], then [0], then enter [PASSWORD], then [1].

```
Y.ll    ☎    ☼·▥
AUTO LOCK?
☞ OFF

SEL              PREV
```

- The default lock code is the last 4 digits of your phone number.
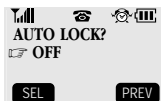
2   Select the parameter (OFF, POWER ON, ON) by using the scroll keys. Press [⬤].

- "POWER ON?" locks the handset upon powering on the handset each time.

- "OFF?" unlocks the handset and leaves it unlocked.

Note

Incoming calls, emergency dialing and alarm functions are enabled when the handset is locked.

LOCK CODE CHANGE

This function is used to change the 4-digit lock code.

1   Press [⬤], then [0], then enter [PASSWORD], then [2] .

- The default lock code is the last 4 digits of your phone number.

2   Enter 4-digit new "PASSWORD". Press [⬤].

3   Re-enter the new "PASSWORD". Press [⬤].

HOW TO CHANGE YOUR BANNER

BANNER CHANGE

This function changes the banner displayed on the LCD.
You can enter a banner up to 16 characters long.

1 Press [⬛], then [0], then enter [PASSWORD], then [3].

```
Yill    ☎  ⌖☰
        BANNER  a
XXXXXXX
STO              MODE
```
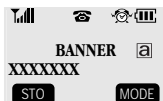
2 Enter a banner using instructions for alpha keys on page 25.

HOW TO RESTRICT YOUR PHONE

RESTRICTION FUNCTIONS

You can restrict six different functions.

1 Press [⬛], then [0], then enter [PASSWORD], then [4].

```
Yill    ☎  ⌖☰
RESTRICT?
☞ YES
SEL              PREV
```

- The default lock code is the last 4 digits of your phone number.

2 Using the scroll buttons, select "YES".

Press [⬛].

RESTRICTING INCOMING CALLS

When this function is enabled, the phone does not respond to incoming calls. However, outgoing calls can still be made.

1 Press key [1] "INCOMING".

```
Yill    ☎  ⌖☰
INCOMING?
☞ ALLOW
SEL              PREV
```
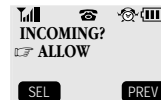
2 Select the parameter by using the scroll keys.

RESTRICT: to restrict incoming calls.
ALLOW: to allow incoming calls.

3 Press [⬛].

RESTRICTING OUTGOING CALLS

When this function is enabled, incoming calls can be answered, but outgoing calls cannot be made. It is still possible to make emergency calls.

1 Press key [2] "OUTGOING".
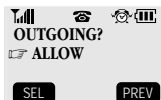
2 Select the parameter by using the scroll keys.

RESTRICT: to restrict outgoing calls.
ALLOW: to allow outgoing calls.

3 Press [◀].

RESTRICTING THE PHONE BOOK

This function blocks the storage of phone numbers or the use of stored phone numbers.

1 Press key [3] "MEMORY".

- The default lock code is the last 4 digits of your phone number.
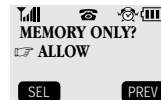
2 Select the parameter by using the scroll keys.

RESTRICT: restricts phone book.
ALLOW: allows phone book use.

3 Press [◀].

Note *The message THIS PHONE S RESTRICTED is displayed on the screen.*

HOW TO RESET YOUR PHONE

This function resets each value set in the memory to its default value.

1 Press [◀], then [0], then enter [PASSWORD], then [5].

> Yiil ☎ ✿◀ⅢⅡ
> **RESET SETTING?**
> ☞ YES
> SEL   PREV
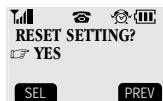
2 Select the parameter by using the scroll keys. Press [◀].

- If you select "YES", the phone will be automatically turned off and on.

HOW TO CLEAR YOUR PHONE MEMORY

CLEARING STORED PHONE NUMBERS

This function clears all stored numbers.

1 Press [◀], then [0], then enter [PASSWORD], then [6], then [1].

The default lock code is the last 4 digits of your phone number.

> Yiil ☎ ✿◀ⅢⅡ
> **CLR PHONENO?**
> ☞ NO
> SEL   PREV

2 Select the parameter (NO, YES) by using the scroll keys. Press [◀].

CLEARING SCHEDULE CONTENTS

This function clears all schedule contents and reserved call information.

1 Press [◀], then [0], then enter [PASSWORD], then [6], then [2].

The default lock code is the last 4 digits of your phone number.

> Yiil ☎ ✿◀ⅢⅡ
> **RESET SCHEDULE?**
> ☞ NO
> SEL   PREV

2 Select the parameter (NO, YES) by using the scroll keys. Press [◀].

CLEARING DIALED NUMBER IN CALL LOGS

This function clears dialed number in call logs.

1 Press [ ], then [0], then enter [PASSWORD], then [6], then [3].

The default lock code is the last 4 digits of your phone number.

```
Tall    ☎  ⚙⛛
CLR LASTCALL?
☞ NO

SEL          PREV
```
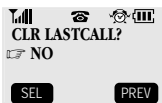
2 Select the parameter (NO, YES) by using the scroll keys. Press [ ].

CLEARING AIR TIME IN HOME SERVICE AREA

This function clears air time used in home service areas.

1 Press [ ], then [0], then enter [PASSWORD], then [6], then [4].

The default lock code is the last 4 digits of your phone number.

```
Tall    ☎  ⚙⛛
CLEAR HOME?
☞ NO

SEL          PREV
```

2 Select the parameter (NO, YES) by using the scroll keys. Press [ ].

CLEARING ROAM CALLS

This function clears air time used in other service areas.

1 Press [ ], then [0], then enter [PASSWORD], then [6], then [5].

The default lock code is the last 4 digits of your phone number.

```
Tall    ☎  ⚙⛛
CLEAR ROAM?
☞ NO

SEL          PREV
```
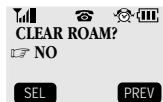
2 Select the parameter (NO, YES) by using the scroll keys. Press [ ].

CHAPTER 6

SUPPLEMENTARY FUNCTIONS

❶ Schedule
❷ Melody Setup
❸ Stopwatch
❹ Calculator
❺ Bio-Rhythm
❻ Memo

SCHEDULE

INPUT SCHEDULE

1 Press [◀], then [3], then [2].

---

2 Select the date in calendar and press [◀].

[▲][▼]-month input.

[◀][▶] , numeric key
        -day input.

---

3 Press [1], and select the parameter (one time or daily).
To set alarm, press [2] and input the schedule title.
To set reserved call, press [3] and input the phone number and, press [◀].

1:ALARM TYPE
2:SCHEDULE TITLE
3:PHONE NUMBER
OK   PREV

---

4 Input the time and press [◀].

[▲][▼]-AM/PM selection.

numeric key-hour/minute input.

[◀][▶]-move position.

INPUT DATE
11/12/1999
AM 12:12
OK   PREV

SCHEDULE

VIEW SCHEDULE LIST

1 Press [ ], then [3], then [1].

Press [ ], you can view more details about each item.

```
Yull    ☎   ☺ ⅲ
Z11/12/1999   X
Z11/12/1999
ZAM 12:10
DTAL          DEL
```
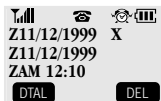
2 Press [ ], you can select if this alarm sounds or not.

```
Yull    ☎   ☺ ⅲ
ALARM
       11/12/1999
       AM 12:12
SET   ON   DEL
```
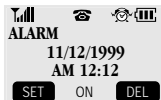
PAUSE ALL SCHEDULE

You can make all schedule pause temporarily.

1 Press [ ], then [3], then [3].

2 Select the parameter (NO,YES) by using the scroll keys. Press [ ].

```
Yull    ☎   ☺ ⅲ
PAUSE ALL?
☞ YES
SEL          PREV
```

MELODY SETUP

WRITING MELODY

1 Press [ ], then [7], then [2], then [1].

2 Press [ ], select the melody title and enter a melody via the keypad. Press [ ], to store melody.
- If you select previously entered melody, "OVERWRITE?"is displayed.
- By pressing the [SEND], the previously entered melody is played with musical notes displayed on the screen.
- You can edit previously entered melody.
- 'Ongdalsaem' is the default melody.

```
Yull    ☎   ☺ ⅲ
WRITE MELODY?
☞ MY MELODY 1
SEL          PREV
```

3 Press [ ], after entering melody speed.([3])
- Speed : Select the Parameter (Moderato,Allegro,Largo...)by using the scroll keys.

```
Yull    ☎   ☺ ⅲ
MUSIC TEMPO
☞ MODERATO
SEL          PREV
```
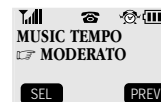
4 Press [ ], after entering the title of the melody.
- Select the parameter you want.
- Entered melody is added to the ringer type list.

```
Yull    ☎   ☺ ⅲ
INPUT TITLE   ⓐ
STO          MODE
```

MELODY SETUP

ENTERING MELODY

- When you press dial key ①, a quarter note is displayed.
  - The dial keys ①, ②, ③, ④, ⑤, ⑥, ⑦ correspond to musical notes do, re, mi, fa, sol, la, ti, do, respectively.
- Select the length of tone by pressing [🔹] in sequence while the quarter note is displayed.
- When you press [🔹], # sign is displayed under the musical note and it changes to a half note.
- To enter a pause, press [🔹] in sequence after pressing [8] and select the length of the pause.
- It is possible to move and edit musical notes by pressing volume keys [+][-]/[▲][▼].
- To add musical notes while you edit, hold [🅰] and enter the note.
- To delete the note, press [🔹].
- Press [SEND] to play back the melody you've entered.
- When you enter 11 notes, the screen moves to the next screen.
  - You can enter up to 100 notes.

HEARING MELODY

1 Press [🔹], then [7], then [2], then [2].

2 The title of melody is displayed and melody gets played.

- The melody gets replayed when you press [🔹].
- Press [🔹] to stop the melody.
- If there is no entered melody, 'Ongdalsaem' will be played.

> HEAR MELODY?
> ☞ XXXXX
> SEL   PREV
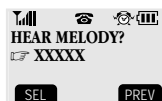
MELODY SETUP

MELODY SPEED

1 Press [🔹], then [7], then [2], then [3].

2 Press [🔹], to select the melody speed.

> MELODY SPEED?
> ☞ MY MELODY 1
> SEL   PREV
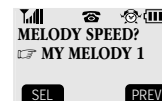
3 Press [🔹], to select the music tempo.

> MUSIC TEMPO
> ☞ MODERATO
> SEL   PREV
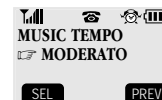
STOPWATCH

1 Press [📱], then [7], then [3].

2 Press [📱 / 📱] to control the stopwatch.

- [📱] controls Start/Stop.
- [📱] controls Split/Split Release /Reset.
- The time unit displayed on the LCD in 1/100 of a second.

3 Press [END/P] to exit and return to the initial display.

CALCULATOR

1 Press [📱], then [7], then [4].
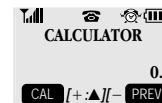
2 Using the calculator.

- Definitions

  $+$: [▲], $-$: [▼], $\times$: [⬅*]
  $\div$: [▶], $=$: [📱], $\cdot$: [SEND]

- Up to 8 integer digits and up to 2 decimals can be displayed. If the calculated result has more than 7 digits, the result is displayed in 7 digit logarithm

- There is no (-)sign. To express a negative number, use '0-value'

- To see the help screen, press the volume key, even if you are in the middle of a calculation.

- EXAMPLE
  To calculate $128 \times 32 =$
  1. Enter 128
  2. Press [⬅*]
  3. Enter 32
  4. Press [📱]

BIO-RHYTHM

This function identifies the bio-rhythms of today or a specific day using solar calendar.

1   Press [▬], then [7], then [5].

2   Press key [3] "BIRTHDAY".
- Enter your solar calendar birthday in year/month/date, and then press [OK].

> `Tall  ☎  ⚙▥`
> 1:TODAY
> 2:SOMEDAY
> 3:BIRTHDAY
> `SEL`　　　`PREV`
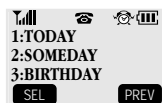
3   To find out today's bio-rhythm, select TODAY BIO and to find out bio-rhythm of a specific day, select SOMEDAY BIO.

- Bio-rhythm function is available only when the phone can register the current time from the network system.
- For Some Day Bio, you cannot enter the dates before your birthday.
- For Birthday, you cannot enter the dates later than today date.

- Physical, Emotional and intelligent quotients appear with a number showing how many days have passed since your birth date for the date you want to find out Bio-rhythm displayed on the top portion of the screen.
- What is Bio-rhythm?
  Bio-rhythm is a life rhythm which is governed by three rhythm curves called physical, emotional, and intelligent and starts from our body from our birth to death.
- ① Physical rhythm
- This rhythm controls wide-ranging physical elements related to resistance to diseases, physical strength, adjustment of muscle exercise, speed, physiology and other basic physical functions with a cycle of 23 days.
- ② Emotional rhythm.
- This rhythm adjusts creativity, sensitivity, mental health and recognition about world and humans with a cycle of 28 days.
- ③ Intelligent rhythm.
- This rhythm affects our memory, susceptibility to fright, acceptance of knowledge and logical and analytic power with a cycle of 33 days.

MEMO

VIEW MEMO LIST

1   Press [▬], then [7], then [6], then [1].

Press [▬] you can view the more details about each item.

> `Tall  ☎  ⚙▥`
> ☞0:MEETING
> ☞1:CELEBRATION
> ☞2:SCRIBBLE
> `DTAL`　　　`DEL`
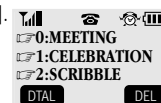
2   Press [▬], you can set view the more details about each item.

> `Tall  ☎  ⚙▥`
> *12/12/1999*
> MEETING WITH
> COOPERATION CO.
> `ALAM`　　　`DEL`
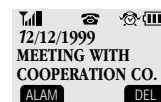
INPUT MEMO

1   Press [▬], then [7], then [6], then [2].
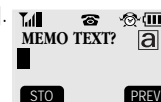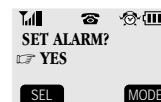
> `Tall  ☎  ⚙▥`
> MEMO TEXT?　`a`
> ▮
> `STO`　　　`PREV`

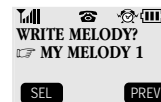**2**   Select the parameter (NO,YES) by using the scroll keys. Press [▬].

> `Tall  ☎  ⚙▥`
> SET ALARM?
> ☞ YES
> `SEL`　　　`MODE`

3 Select the date in calendar and press [ ].

[ ][ ]-month input.

[ ][ ] , numeric key
-day input.

```
Tall      ☎  ⏰▦
Su Mo Tu We Th Fr Sa
          1  2  3  4
5  6  7  8  9  10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31
SEL  30/06/00  PREV
```

4 Input the time and press [ ].

[ ][ ]-AM/PM or
ONCE/DAILY selection.

numeric key-day input.

[ ][ ]-position movement.

```
Tall      ☎  ⏰▦
ONCE
  XX/XX/XXXX
   AM 12:12
OK          PREV
```
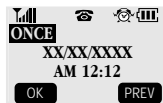
CHAPTER 7

VOICE MAIL AND TEXT MESSAGES

This chapter describes convenient functions that allow you to check voice mail and receive text messages with the handset.

❶ Receiving a Message

❷ INBOX(Checking Received Message)

❸ OUTBOX(Sending Message)

❹ Reference(Writing Message)

RECEIVING A MESSAGE

1   When message is received, displays the follwing message.

   [▲][▼][✱][#▶]-display text
   [📞]-delete message

```
Tₐₗₗ   ☎✉☪▥
◑ TEXT MESSAGE ◑
ABCDEFGHIJKL.....

                  PREV
```
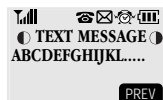
1   When message is received, displays the follwing message.

   You can view the message in the SMS menu.

```
Tₐₗₗ   ☎✉☪▥
XX   NEW MESSAGE
```

INBOX(CHECKING RECEIVED MESSAGE)

CHECKING RECEIVED VOICE MAIL MESSAGE

1   Press [📞] then press [1].

```
Tₐₗₗ   ☎✉☪▥
1:INBOX
2:OUTBOX

SEL               PREV
```

2   Press [1] "VOICE MAIL".

   ● It displays the number of voice mail messages currently received in your voice mailbox.
   ● To access your voice mailbox, press [SEND].

```
Tₐₗₗ   ☎✉☪▥
1:VOICE MAIL
2:TEXT MAIL
3:DIRECT VIEW
SEL               PREV
```

```
Tₐₗₗ   ☎✉☪▥
0 VOICE MAIL
TO LISTEN
PRESS [SEND]
                  PREV
```

CHECKING RECEIVED TEXT MESSAGE

1 Press [➤], and press [1].

2 To read new mail, press [2] "TEXT MAIL".

```
Yₐ‖      ☎⊠✆⫤
1:VOICE MAIL
2:TEXT MAIL
3:DIRECT VIEW
SEL          PREV
```

3 To read new mail, press [1] you can view the details.

To read stored mail, press [2].

To erase stored mail, press [3].

```
Yₐ‖      ☎⊠✆⫤
1:XX NEW TEXT
2:XX STORED TEXT
3:ERASE STORED
SEL          PREV
```

Maximum number of messages:29

```
Yₐ‖      ☎⊠✆⫤
☞ 01: ABCDEF
  02: 333333
  03: HI...
DTAL         DEL
```

```
Yₐ‖      ☎⊠✆⫤
◑ TEXT MESSAGE◐
ABCDEFGHIJKL.....
STO          DEL
```
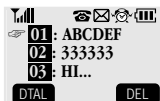
DIRECT VIEW SETTING

When text message is received, displays text directly on the screen.

1 Press [➤], then press [1] "INBOX".

2 Then press [3] "DIRECT VIEW".
Select the parameter (on,off) by using the scroll keys. Press [➤].

```
Yₐ‖      ☎⊠✆⫤
DIRECT VIEW
☞ ON
SEL          PREV
```

OUTBOX(SENDING MESSAGE)

SENDING MESSAGE

1 Press [➤] then press [2] "OUTBOX".

Tull ☎⊠☼▥
1:INBOX
2:OUTBOX

SEL   PREV

---

2 For receiving phone number,
then press [INP].

Tull ☎⊠☼▥
RECEIVER NUM?

INP   PREV

---

3 To send your phone number,
then press [INP].

Tull ☎⊠☼▥
SENDER NUM?

000000000000
INP   PREV

---
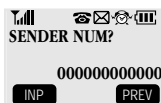
4 Write message, then press [STO].

Tull ☎⊠☼▥
MESSAGE?   T9Abc

STO   MODE

---

5 Select priority of message,
then press[SEL].

Tull ☎⊠☼▥
1:NORMAL
2:URGENT
3:EMERGENCY
SEL   PREV

REFERENCE(WRITING MESSAGE)

You can enter letter and numbers into your phone for a person's name
and phone number, writing a text message, and so on. There are two
ways to do this:

1. Using standard text input
2. Using T9 mode text input

USING STANDARD TEXT INPUT

1 Select the Abc mode, by using the [➤]
keys.

- When you select this mode, the ABC
  icon appears as visual confirmation.

Tull ☎⊠☼▥
MESSAGE?   Abc

STO   MODE
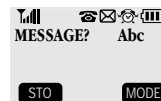
  - Find the key that is below the letter
    you want to enter.
  - Press it as many times as needed
    for the letter to appear on the
    screen.

  - For example, to enter the name
    John:

Tull ☎⊠☼▥
MESSAGE?   Abc
JOHN

STO   MODE

    Press [5]   J
    Press [6] [6] [6] o
    Press [4] [4]   h
    Press [6] [6]   n

USING T9 MODE TEXT INPUT

1 T9 mode is the default mode.

2 Select the T9Abc mode, by using the [🔻] keys.

Yₐₗₗ ☎✉☺▥
MESSAGE?   T9Abc

STO   MODE

- This method allows you to write using a built-in dictionary.
- With predictive test input, you only need to press each number key once for each letter.

-For example, to write **John** with the English dictionary selected:

-[5] (for J)

Yₐₗₗ ☎✉☺▥
MESSAGE?   T9Abc
K

STO   MODE

-[6] (for o)

Yₐₗₗ ☎✉☺▥
MESSAGE?   T9Abc
Km

STO   MODE

-[4] (for h)

Yₐₗₗ ☎✉☺▥
MESSAGE?   T9Abc
Log

STO   MODE

-[6] (for n)

Yₐₗₗ ☎✉☺▥
MESSAGE?   T9Abc
John
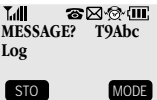
STO   MODE

<The display shows the above words for each key pressed.>

T9 TEXT MODE INPUT TOOLS

KEY	FUNCTION
🔻 Mode	Press to change mode. [T9Abc][Abc][123][Special characters mode]
[0] Next	Press to view the next matching word if the underlined word is not the word you intended.
⊞▸ Space	Press once to accept a word and add a space.
✱ Shift	Press to select standard text input or T9 mode text input. [Abc], [ABC], and [abc] indicate stand text input. [T9Abc], [T9ABC], and [T9abc] indicate predictive text input.
Clr Clear	Press once to delete the character to the left of the cursor.
▲ ▼ Left, Right	To move cursor.

WRITE WITH T9 MODE TEXT INPUT

Select the T9 Abc mode, by using the [➤] keys.

1   Press each key once for each letter.

       -For example, to write "John" press.
       [5] [6] [4] [6]

```
Tₐₗₗ      ☎☒☼▥
MESSAGE?   T9Abc
John
 STO            MODE
```

2   Press to view the next matching word if the underlined word is not the word you intended.

       If the word is correct
       - then press [➤]

```
Tₐₗₗ      ☎☒☼▥
MESSAGE?   T9Abc
John
 STO            MODE
```
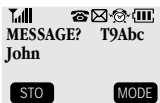
       If the word is not correct
       - then press [0]

```
Tₐₗₗ      ☎☒☼▥
MESSAGE?   T9Abc
Join
 STO            MODE
```
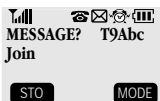
       - then press [0],
       the word is correct,
       then press [➤]

```
Tₐₗₗ      ☎☒☼▥
MESSAGE?   T9Abc
Logo
 STO            MODE
```

3   Insert number

- To add a number to the message.
  - Press and hold [➤] key until 123 appears.
  - To select the numbers you want, then press insert.

```
Tₐₗₗ      ☎☒☼▥
MESSAGE?   123
12345
 STO            MODE
```

4   Insert Symbols

- Press and hold [➤] key until symbol screen appears.
  - Use scroll keys to select the character you want, then press insert.

       Press [▲][▼],

```
Tₐₗₗ      ☎☒☼▥
1 2 3 4 5 6 7 8 9 0
. @ / : ! { | } ?
 STO            MODE
```

       Press [▲][▼],

```
Tₐₗₗ      ☎☒☼▥
1 2 3 4 5 6 7 8 9 0
* # $ % & ( ) [ ] ~
 STO            MODE
```
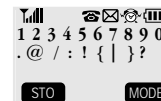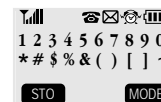
       Press [▲][▼],
       then press insert
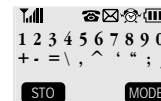
```
Tₐₗₗ      ☎☒☼▥
1 2 3 4 5 6 7 8 9 0
+ - = \ , ^ ' " ; _
 STO            MODE
```

5 Write compound words

- Write the first part of the word and press [▲] key to accept it.
- Write the last part of the compound word and press [0] key to enter the word in memory.

  - For example, to write "Whitehouse"

  [9] [4] [4] [8][3] [▲]

  ```
  Yₐll      ☎☒☆⟨Ⅲ
  MESSAGE?    T9Abc
  White

  STO          MODE
  ```

  [4] [6] [8] [7] [3]

  ```
  Yₐll      ☎☒☆⟨Ⅲ
  MESSAGE?    T9Abc
  Whitehouse

  STO          MODE
  ```
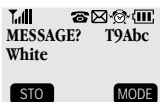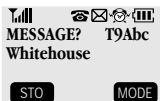
  Then press [🔘] key.

CHAPTER 8

DATA SERVICE

❶ Flow Control

❷ Receive Mode

❸ Ability of Wireless Data Communication

FLOW CONTROL

FLOW CONTROL

1 Press [🔽] then [7] then [1], then [1].

> ▮▮▮▮ ☎✉🕭▥
> **1:FLOW CONTROL**
> **2:RECEIVE MODE**
> [SEL]　　　[PREV]

2 Select the parameter (HARDWARE, SOFTWARE) by using the scroll keys. Press [🔽].

> ▮▮▮▮ ☎✉🕭▥
> **FLOW CONTROL**
> ☞ **HARDWARE**
> [SEL]　　　[PREV]

- Hardware:Hardware Flow control
- Software:Software Flow control
  (Recommendation:Hardware Flow control)

RECEIVE MODE

RECEIVE MODE

1 Press [🔽]' then [7] then [1], then [2].

> ▮▮▮▮ ☎✉🕭▥
> **1:FLOW CONTROL**
> **2:RECEIVE MODE**
> [SEL]　　　[PREV]

2 Select the parameter (INACTIVE, DATA, FAX) by using the scroll keys. Press [🔽].

> ▮▮▮▮ ☎✉🕭▥
> **RECEIVE MODE**
> ☞ **INACTIVE**
> [SEL]　　　[PREV]

- INACTIVE:When you use telephone
- DATE:When you use data
- FAX:When you use fax

CHAPTER 9

ABILITY OF WIRELESS DATA COMMUNICATION

SAFETY

If you use the data communication, install program provided by service office or phone connected network program of window 95 and then, you can use PC communication and internet connected by wireless communication networks.

❶ Safety Information for Wireless Handheld Phones.

❷ Safety Information for FCC RF Exposure.

If you buy optional(not to be sold)data communication cable, you can use this ability without upgrading other software.

Contests of the install environment and other things in detail refer to the inside manual when you buy the data communication cable or homepage of the service office.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld Portable Cellular Telephone

EXPOSURE TO RADIO FREQUENCY SIGNALS

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August, 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *
NCRP Report 88 (1986) *
ICNIRP (1996) *

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C951).

The design of your phone complies with the FCC guidelines (and those standards).

∗ ;
American National Standards Institute;
National Council on Radiation protection and measurements;
International Commission on Nonionizing Radiation Protection.

ANTENNA CARE

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

DRIVING SAFETY

Talking on the phone while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

Also, if using your phone while driving, please:

- Give full attention to driving. Driving safety is your first responsibility.

- Use hands-free operation, if available.

- Pull off the road and park before making or answering a call, if driving conditions require.

If you must use the phone while driving, please use one-touch, speed-dialing, and auto-answer modes.

An airbag inflates with great force. DO NOT place objects, including installed or portable wireless equipment, in the area over the airbag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

WARNING: Failure to follow these instructions may lead to serious personal injury and possible property damage.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

ELECTRONIC DEVICES

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a hand-held wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

If you have a pacemaker:

● ALWAYS keep the phone more than six inches from your pace-maker when the phone is turned on.

● Do not carry the phone in a breast pocket.

● Use the ear opposite the pacemaker to minimize the potential for interference.

● If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider (or call the customer service line to discuss alternatives).

Other Medical Devices

If you use any other personal medical device, 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.

Turn your phone OFF in healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Turn your phone OFF where posted notices so require.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

OTHER SAFETY GUIDELINES

Aircraft

FCC Regulations prohibit using your phone while in the air. Switch OFF your phone before boarding an aircraft.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your phone OFF 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.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or 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.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating the equipment, read all instructions and cautionary markings on (1) AC Adaptor (2) Battery and (3) Product Using Battery.

1. DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.

2. DO NOT abuse the equipment. Avoid striking, shaking or shocking it. When not using the unit, lay it down to avoid possible damage due to instability.

3. DO NOT expose this equipment to rain or spilled beverages.

4. DO NOT use unauthorized accessories.

5. DO NOT disassemble the phone or its accessories. If service or repair is required, return the unit to "service communications". If the unit is disassembled, the risk of electric shock or fire may result.

6. DO NOT short-circuit the battery terminals by metal items etc.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

WARNING

The following offenses are punishable by fine, imprisonment, or both:

- Using obscene, indecent, or profane language.

- Using the unit to give off false distress calls.

- Wiretapping or otherwise intercepting a telephone call, unless that person has first obtained the consent of the parties participating in the call.

- Making anonymous calls to annoy, harass, or molest other people.

- Charging to an account without authorization to avoid payment for service.

- Refusing to yield a party line when informed that it is needed for an emergency call. (It is also unlawful to take over a party line by stating falsely that it is needed for an emergency).

SAFETY INFORMATION FOR FCC RF EXPOSURE

WARNING! Read this Information brfore using your phone

CAUTIONS

In August 1996 the Federal Communications Commissions (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a demaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Body-worn Operation
This device was tested for typical body-worn operation with the back of the phone kept 0.5 inches (1.27cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 0.5 inches (1.27cm) must be maintained between the user's body and the back of the phone, including the antenna, whether extended or retracted. All belt-clips, holsters and similar accessories used by this device must not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with FCC RF exposure limits and should be avoided.

Vehicle Mounted External Antenna(optional, if available)
A minimum separation distance of 7.9 inches (20cm) must be maintained between the user/bystander and the vehicle mounted external antenna to satisfy FCC RF exposure requirements.

Note: For more information about RF exposure, please visit the FCC website at www.fcc.gov