#### ATTACHMENT M – USER'S MANUAL

#### EXHIBIT. 3

#### INSTRUCTION BOOK

with regard to the FCC Rule Part 2.983

The instruction book to be provided with the purchaser is attached in the end of this documentation as Appendix.

#### **HGP-3100E**

#### **USER MANUAL**

Draft Version 1.1

JUN 15, 2000

#### FCC RF EXPOSURE INFORMATION

#### WARNING! Read this information before using your phone



In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency 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 damaged 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 operations using the optional belt-clip/holster to provide a separation distance of 1 inch (2.54cm) from the body. To comply with FCC RF exposure requirements, a minimum separation distance of 1 inch (2.54cm) must be maintained between the user's body and the belt-clip/holster, including the antenna, whether extended or retracted. Third-party belt-clips, holsters and similar accessories used by this device must meet the separation distance requirement of 1 inch (2.54cm) from the body, and should 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.

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

#### TABLE OF CONTENTS

| CF | HAPTER 1 BEFORE USING YOUR PHONE      | 1              |
|----|---------------------------------------|----------------|
|    | Package Includes                      |                |
|    | Handset Description                   |                |
|    | Basic Functions                       |                |
|    |                                       |                |
|    | The Function Keys                     |                |
|    | Display Indicators                    |                |
|    | Screen Status, Display and Function   |                |
| 1  | Using the Battery                     |                |
| •  | installing the Battery                |                |
|    | Removing The Battery                  |                |
|    | Charging the Battery                  |                |
|    | Power Connection                      |                |
|    | Charging the Battery Only             |                |
|    | Charging the Battery with the Handset |                |
|    | Charging Completion                   |                |
|    | Status of Charger LED                 |                |
|    | Important Battery Information         | 9              |
| СН | APTER 2 BASIC OPERATION               | q              |
|    |                                       |                |
|    | Turning the Phone On and Off          | 10             |
|    | Turning the Phone On                  |                |
|    | Turning the Phone Off                 |                |
|    | How to Use the Menu                   |                |
|    | Menu Summary                          |                |
|    | Basic Functions                       |                |
|    | Key Pad Lock                          |                |
|    | Making a Call                         |                |
|    | Pause Feature                         |                |
|    | How to Answer Calls :                 |                |
|    | Caller ID Function                    |                |
|    | Call Waiting Function                 |                |
|    |                                       |                |
|    |                                       |                |
|    | Missed Call Display                   |                |
|    | Missed Call Display                   | 13             |
|    | Missed Call Display                   |                |
|    | Missed Call Display                   | 13<br>14<br>14 |

### ABLE OF CONTENTS (CONT'D.)

| CHAPTER 3 MEMORY FUNCTION                      | 15   |
|--|------|
| How to Store a Phone Number                    | 16   |
| How to Enter Letters and Characters Using      |      |
| the Dial Buttons                               | . 16 |
| How to Make a Call Using A Stored Phone Number | 17   |
| One Touch/Two Touch Dialing                    | 17   |
| How to Find Your Phone Book                    | 18   |
| Recalling by Memory Location Number            |      |
| Recalling by Name (Alpha)                      | 19   |
|  |      |
| CHAPTER 4 MENU                                 |      |
| Settings                                       |      |
| Auto Retry                                     |      |
| Auto Answer                                    | 22   |
| Auto Hyphen                                    |      |
| Open to Answer                                 |      |
| DTMF Length                                    |      |
| One Touch Dialing                              |      |
| Voice Privacy                                  |      |
| Display  |      |
| Logo Display                                   |      |
| Banner   |      |
| LCD Contrast                                   |      |
| Graphic Icon                                   |      |
| Language                                       |      |
| Backlight                                      |      |
| Lighting Length                                |      |
| Volume   |      |
| Ringer Type                                    |      |
| Ring Mode                                      |      |
| Volume Adjustment                              |      |
| Call Timers                                    |      |
| Last Call                                      |      |
| All Calls                                      | 25   |
| Home Calls                                     |      |
| Roam Calls                                     | 25   |
| Bio-Rhythm                                     | 25   |

#### TABLE OF CONTENTS (CONT'D)

| Alerts                                 | 26             |
|--|----------------|
| Minute Alert                           | 26             |
| Fade Alert                             | 26             |
| Roam Alert                             | 26             |
| Connect Alert                          | 26             |
| Phone Info                             | 27             |
| Checking My Number                     | 27             |
| Checking the Phone Version             | 27             |
| CHAPTER 5 SECURITY FEATURES            | 27             |
| How to Lock Your Phone                 | 28             |
| Auto Lock                              |                |
| Lock Code Change                       | 29             |
| How to Restrict Your Phone             | 29             |
| Restriction Functions                  | 29             |
| To Restrict Incoming Calls             | 29             |
| Restricting Outgoing Calls             | 29             |
| Restricting the Key Pad                | 29             |
| Restricting the Phone Book             | 30             |
| Restricting Long Distance Calls        | 30             |
| Restrict Calls to 900 Numbers          | 30             |
| How to Reset Your Phone                | 31             |
| How to Clear Your Phone Memory         | 31             |
| Clearing Stored Phone Numbers          | 3 <sup>.</sup> |
| Clearing schedule Contents             | 3              |
| Clearing Air Time In Home Service Area | 32             |
| Roam Calls                             | 3              |
| CHAPTER 6 SUPPLEMENTARY FUNCTIONS      | 32             |
| Melody Setup                           | 33             |
| Entering Melody                        |                |
| To Enter Melody                        | 33             |
| Listening to the Melody                |                |

#### JABLE OF CONTENTS (CONT'D.)

| CHAPTER 7 VOICE MAIL AND TEXT MESSAGES          | 34   |
|---|------|
| Receiving a Message                             | 34   |
| Voice Mail Message                              | 35   |
| Text Message                                    | 35   |
| Checking Received Message                       | 35   |
| Checking Received Voice Mail Message            | 35   |
|   | 36   |
| CHAPTER 8 SAFETY                                | 37   |
| Safety Information for Wireless Handheld Phones | 38   |
| Driving Safety                                  | . 38 |
| Electronic Devices                              | . 39 |
| Other Safety Guidelines                         | . 40 |
| Precautions                                     | . 40 |
| Warning   | 41   |

•functions of phone is in the process of working in addition, according to request functions of phone can be changed that is, add functions or delete functions

#### **CHAPTER 1**

#### **BEFORE USING YOUR PHONE**

Please read this chapter before using this product.

- Package Includes
- Handset Description
- Basic Functions
- Display Icons
- **6** Using the Battery
- **6** Charging the Battery
- **●** Important Battery Information

#### ACKAGE INCLUDES

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

Handset



Standard Battery



User Manual



Extended Battery (optional)



Handstrap



Desktop Charger



Ear mic



5HGP-3100E User Manual

#### **HANDSET DESCRIPTION**

#### LED

Blinks when you

make a call or

receive a call

#### **Volume Button**

Used to adjust

the volume of

the earpiece and

ringer volume.

#### Antenna

For best call

quality, extend

the antenna during

the call

Earpiece

**LCD Screen** 

**Function** 

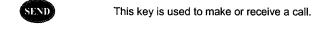
Keys

Keypad

Microphone

#### **BASIC FUNCTIONS**

#### THE FUNCTION KEYS



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

It also releases the Key Lock function.

These keys are used to scroll through the contents of the menu.

(Soft 1)This key is used to access the Menu when pressed and held for more than 1 second.

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

#### DISPLAY INDICATORS

#### SCREEN STATUS, DISPLAY AND FUNCTION

| Tall             | Signal Strength   |
|------------------|---|
|                  | Indicates current signal strength. More lines mean        |
|                  | better signal strength.                                   |
| R                | 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.                                 |
| $\boxtimes$      | Message   |
|                  | Indicates a text message or voice mail message is aiting. |
| , <del>A</del> , | Alarm   |
| <b>1.4</b>       | Indicates that the alarm is activated.                    |
| {##}             | Battery   |
| <del></del>      | Indicates battery charge level status. The more black     |
|                  |   |

#### ING THE BATTERY

#### **USING THE BATTERY**

1 •• Insert the bottom of battery into the groove at the bottom of the handset. Then •• press in the top of the battery until it snaps

#### REMOVING THE BATTERY

1 Push the tab with one hand and lift the top of the battery 2 to separate.

#### CHARGING THE BATTERY

#### POWER CONNECTION

Connect the charger to a standard 120V AC outlet.

LED will green when the power is connected.

#### CHARGING THE BATTERY ONLY

To charge the battery only, insert the battery pack charging slot on the rear of the charger.

LED will indicate charging status.

- Red indicates charging
- Green indicates charging is complete



The battery must be correctly placed in the battery com-partment.

If battery is incorrectly inserted, the handset

will not turn on or the battery may slip out during use.



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

#### CHARGING THE BATTERY

#### CHARGING THE BATTERY WITH THE HANDSET

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



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.

#### CHARGING THE BATTERY

#### STATUS OF CHARGER LED'S

| Charing Slot   | Charging on Safety Mode | Charging in Progress | Charging Completion |
|--|-------------------------|----------------------|---------------------|
|  | (Green Color On)        | ( Red Color On)      | (Green Color On)    |
| Front Charging<br>Slot<br>(Charging Slot for<br>Handset Only)<br>Charging Slot | Ť                       | •                    | ŧ                   |



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

#### 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 41°F and 95°F (5°C and 35°C ). 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!

#### **BASIC OPERATION**

- Turning the Phone On and Off
- 2 How to Use the Menu
- Menu Summary
- Basic Functions
- 6 Functions During a Call

#### n JRNING THE PHONE ON AND OFF

#### TURNING THE PHONE ON

- 1 Press and hold [END/P]
  - The phone is locked if "Lock Code" is displayed on the screen. When "Lock Code" 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.



☐ If the "LOW BATTERY WARNING POWER

OFF"s 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.

10HGP-3100E User Manual

#### HOW TO USE THE MENU

- In the standby screen, press and hold [..]
- 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.
- To go back to previous screen, press [...].
  To the exit menu, press [END/P]
- To go into submenu press the corresponding number or select the desired item using the scroll key.
- 5 [...], [...], and [SEND] can be used while using the menu.

#### MÉNU SUMMARY

#### 1:CHECK BILLING

2:PHONE BOOK 1: CALL LOGS 1:MISSED CALL

2:ANSWERED CALL
3:DIALED CALL

2: BY LOCATION 3: BY NAME

3:SETTING 1:AUTO RETRY

2:AUTO ANSWER
3:ONE TOUCH
4:VOICE PRIVACY
5:BACKLIGHT
6:LCD CONTRAST
7:LOGO DISPLAY
8:LANGUAGE

4:VOLUME 1:RING MODE

2:RING TYPE 3:KEYPAD

5:TIMER 1:LAST CALL

2:ALL CALLS 3:HOME CALLS 4:ROAM CALLS

#### MENU SUMMARY

6:SPECIAL 1: SCHEDULE 1:LIST ALL

2:INPUT SCHEDULE

3:PAUSE ALL

2:MELODY 1

1: WRITE MELODY

2: HEAR MELODY

3:MELODY SPEED

3:STOPWATCH 4:CALCULATOR

5:BIORHYTHM

1:TODAY

2:SOMEDAY 3:BIRTHDAY

7:ALERT 1: MIN ALERT

2: AREA ALERT
3:FADE ALERT
4:LOW SIG ALERT
5:CONNECT ALERT

0:SECRET 1:AUTO LOCK

2:CHANGE CODE

**3:CHANGE BANNER** 

4:RESTRICT 1: INCOMING

2 : OUTGOING 3: MEMORY

4: LONG DISTANCE

5:900 # 'S

5:RESET

6: CLEAR 1:CLR NUMBER

2:CLR SCHEDULE 3:CLR CALL LOGS 4:CLR HOME CALLS 5:CLR ROAM CALLS

7:PHONE #

8:VERSION

#### **BASIC FUNCTIONS**

#### **MAKING A CALL**

Enter the phone number.How to modify the phone numberYou have entered:



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



- 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 (i.e., voice mail and calling cards). To insert Pauses:

| 1 | Enter phone number, |             |
|---|---------------------|-------------|
|   | then press [··].    |             |
|   | men press [ · ·] .  |             |
|   |                     | XXXPXXXXXXX |
|   |                     | MENU PREV   |

- 2 Select desired pause.
  - When idling status;
- When Receiving call status;

1:STORE

1:STORE

2: BY NUMBER

2:SEND PHONE#

3: HARD PAUSE

3:SCRATCH PAD

4:ONE HYPHEN

4:MUTE

5:VIEW PHONE#

6:HARD PAUSE

7:ONE HYPHEN

8: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.

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

#### **BASIC FUNCTIONS**

#### HOW TO ANSWER CALLS

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

#### OPEN TO ANS

This function allows an incoming call to be answered by opening the flip cover. To enable this function press  $[\cdot\cdot]$ , [3], [2].

If you set up the AUTO ANSWER function in advance, the call will be answered after the selected number of rings. (Refer to page 22)

#### CALLER ID FUNCTION

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



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.

13HGP-3100E User Manual

#### **BASIC FUNCTIONS**

#### MISSES CALL DISPLAY

- Displays the number of missed calls and the time the call was missed.
  - The message will be cleared when you press the [···] or [END/P] key.



#### 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.

- Adjust volume by using the volume control keys during the following operation.
  - 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**

In the process of working

#### UNCTIONS DURING A CALL

#### 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 ser-vice.

 After calling a pager, when you are asked to enter your number, in the process of working

#### SCRATCH PAD

1. While in a call press and hold [ · · ] , then

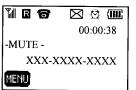
[2] "SCRATCH PAD"

2. Enter the phone number, then press  $[\cdot \cdot]$  .

#### **FUNCTIONS DURING A CALL**

#### MUTE

1. in the process of working



#### CHAPTER 3

#### MEMORY FUNCTION

- 1 How to Store a Phone Number
- 2 How to Make a Call Using a Stored Phone Number
- 3. How to Find Your Call Logs
- 4 How to Find Your Phone Book

#### HOW TO STORE A PHONE NUMBER

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

M R 6

STO

LOCATION: XX

CLR

XXX-XXXX-XXXX

1.in the process of working

• 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.

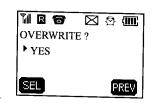
 If there is a desired memory location number, enter the number.

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.



M R 6

**▶** MOBILE

- 3. Enter the person's name and press  $[\cdot \cdot]$  .
- To make secret, select Yes. It can
  then be displayed only when the lead of the lead o

then be displayed only when the lock code is entered.

4. Search mobil/office/home type and then,

press[ •• ]

16HGP-3100E User Manual



PHONE\_NUM TYPE?

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.

| <b>Key Pad</b> | 1Repetition | 2Repetition | 3Repetition | 4Repetition | 5Repetition |
|----------------|-------------|-------------|-------------|-------------|-------------|
| 1              | 1           |             |             |             |             |
| 2ABC           | A           | В           | C           | 2           |             |
| 3DEF           | D           | Е           | F           | 3           |             |
| 4GHI           | G           | H           | I           | 4           |             |
| :              | :           | :           | :           | •           |             |
| 9WXYZ          | w           | х           | Y           | 7.          | 9           |

- Press [··] to toggle between upper and lower case.
- When entering special characters such as 0.,?!@\_+-=()\*#:;%/, press [▼] repeatedly. The special characters will be displayed in order.
- 2. Press [ ] to enter the next character.
- Cursor moves to the next column automatically in two seconds after the next character.
- 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 […] .
- To erase the entire entry, press and hold […]

## HOW TO MAKE A CALL USING A STORED PHONE NUMBER

#### 2:ONE TOUCH/TWO TOUCH DIALING

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

#### 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 second digits 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.

One touch dialing must be turned on in the handset. See page 37.

#### HOW TO FIND YOUR CALL LOGS

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

#### MISSED CALLS

- 1. in the process of working
- 2. Press  $[\cdot \cdot]$  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.



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

#### HOW TO FIND YOUR CALL LOGS

#### ANSWERED CALLS

- 1. in the process of working
- The last answered call, its phone number, time and date are displayed.

#### DIALED CALLS

1. in the process of working

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

The last outgoing call, its phone number,

time and date are displayed.

#### HOW TO FIND YOUR PHONE BOOK

#### RECALLING BY MEMORY LOCATION NUMBER

- 1. in the process of working
- 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.



- 3. Search phone numbers using scroll key.
- ●[^]/[▼] scrolls up the phone numbers.
- [··] edit the phone #.
- [···] erase the phone #.
- ●[ ▲]/[ ▼] search mobil/office/home number.
- 4. Press [SEND] to dial desired phone book number.

#### HOW TO FIND YOUR PHONE BOOK

#### RECALLING BY NAME

1. in the process of working

- 2. To locate the phone number using the scroll key.
- [ \* \*]/ [# \* ] search phone number.
- [··] edit the phone #.
- [...] erase the phone #.
- ●[♠]/[▼] search mobil/office/home number
- 4. Press [SEND] to dial

#### **CHAPTER 4**

#### **MENU**

Please read this chapter before using this product.

- 1. Check Billing Feature
- 2. Settings
- 3. Display
- 4. Volume
- 5. Timers
- 6. Bio-Rhythm
- 7. Alerts
- 8. Phone Info
- 9. Security

#### CHECK BILLING FEATURE

This allows you to automatically dial our customer care center to check your phone bill balance.

- 1. in the process of working
- Billing and the phone number will show on the screen and our phone will automatically dial 888-772-1017

#### SETTINGS

#### **AUTO RETRY**

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

#### REPEAT

- 1. in the process of working
- 2. Select the parameter (OFF,3,5,10 times) by using the scroll,

Key Press [··].

#### SETTINGS

#### **AUTO ANSWER**

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

- 1. in the process of working
- 2.Select the parameter

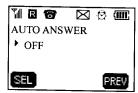
(OFF,1,2,4 RINGS)

by using the scroll keys.

Press [··] to set.

Auto answer function does not

work if you select lamp.



#### SETTINGS

#### ONE TOUCH DIALING

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

- 1. in the process of working
- 2. in the process of working

#### VOICE PRIVACY

1. in the process of working

## LUGO DISPLAY

#### LOGO DISPLAY

1. in the process of working

LOGO DISPLAY
DATE

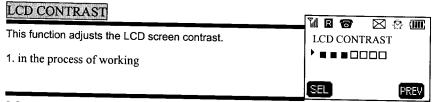
2. Select the parameter Banner

#### **BACKLIGHT**

#### LIGHTING LENGTH

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

- 1. in the process of working
- 2. Select the parameter (OFF, OFF IN DAY, 10 SEC, 5 SEC,
- 3 SEC)



2.Select the contrast level

#### VOLUME

#### RINGER MODE

- 1. in the process of working
- 2. Select the parameter (RINGER, BELL AFTER VIB,

MR 6

SEL

RINGER?

▶ RINGER 6

PREV

SILENT, VIBRATOR, SLIDE BELL)

3. in the process of working

#### RINGER TYPE

1.in the process of working

2.Select the parameter (1-15) by using

the scroll keys.

- **★** Different tones (1-6).
- → Different melodies (7-18).

3. in the process of working.

#### VOLUME

#### **VOLUME ADJUSTMENT**

1. in the process of working

the user presses the button.

 $\bullet$  If the warning alarm sounds because of low

battery, the sound will not be heard even if

- 2. Select the volume level by using the scroll keys.
- [ ⁴ \*]/[ ^ ] scroll up to increase volume.
- [# → ]/[ ▼ ] scroll down to lower volume, or setting to Silent
- 3. in the process of working

## CALL TIMERS

#### LAST CALL

1. in the process of working

#### ALL CALLS

1. in the process of working

#### HOME CALLS

1. in the process of working

#### ROAM CALLS

1. in the process of working

25HGP-3100E User Manual

BIO-RHYTHM

This function identifies the biorhythms of today or a specific day using

solar calendar.

1. in the process of working

2. Press key [3] " BIRTHDAY?"

Enter your solar calendar birthday n year/month/date, and then press [1].

- 3. To find out today bio-rhythm, select TODAY and to find out biorhythm of a specific day, select SOMEDAY
- 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 now many days have
   passed since your birth date for the date you want to and out Bio-rhythm displayed on the top portion of the screen.
- What is Bio-rhythm?

Biorhythm is a life rhythm which is governed by three rhythm curves called rhysical, 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 know ledge and logical and analytic power with a cycle of 33 days.

#### ALERTS

#### MIN ALERT

1. in the process of working
This function sounds an alert in
every minute, letting you know
the call lapse time.



Select the parameter (RELEASE, SETTING) by using the scroll keys. in the process of working

#### CONNECT ALERT

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

1. in the process of working

CONNECT ALERT?
LOW

SEL

PREV

2.. Select the parameter (OFF, Low ,Mid, High) by using the scroll keys. in the process of working

#### **ALERTS**

#### AREA 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. in the process of working

AREA ALERT?

SETTING

SEL PREV

2.Select the parameter (RELEASE, SETTING) by using the scroll keys. in the process of working

#### FADE ALERT

This function sounds alert when the phone can make calls due to poor signal strength

1. in the process of working

FADE ALERT?

SETTING

SEL PREV

2.Select the parameter (RELEASE, SETTING) by using the scroll keys. in the process of working

#### PHONE INFO

#### CHECKING MY NUMBER

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

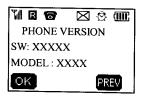
- 1. in the process of working
- Press and hold [# ] for
   seconds and your phone
   number will be displayed.



#### CHECKING THE PHONE VERSION

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

1. in the process of working



#### **CHAPTER 5**

#### **SECURITY FEATURES**

- 1. How to Lock Your Phone
- 2. How to Restrict Your Phone
- 3. How to Reset Your Phone
- 4. How to Clear Your Phone Memory

#### HOW TO LOCK YOUR PHONE

#### AUTO LOCK

This function prevents any other person from using the handset without permission. When it is locked, the handset can be used to dial or use any other function.

1. in the process of working



The default lock code is the

last 4 digits of your phone number.

- 2. Select the parameter (OFF, POWER ON, AFTER 20 Sec) parameter by using the scroll keys. Press [··].
- "POWER ON?" locks the handset upon powering on the handset each time.
- "NO USE?" unlocks the handset and leaves it unlocked.

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

#### HOW TO LOCK YOUR PHONE

#### LOCK CODE CHANGE

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

- 1. in the process of working
- The default lock code is the last 4 digits of your phone number.
- 2. Enter 4-digit new lock code.
- 3. in the process of working

#### 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.in the process of working



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. in the process of working



• The default lock code is the

last 4 digits of your phone number.

Using the scroll buttons, select" YES"

2. in the process of working

#### TO RESTRICT INCOMING CALLS

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

1. in the process of working

2. Select the parameter by using the scroll keys.

RESTRICT: to restrict incoming calls.

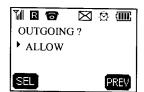
ALLOW: to allow incoming calls.

3. in the process of working

#### HOW TO RESTRICT YOUR PHONE

#### 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. in the process of working

2. Select the parameter by using the scroll keys.

RESTRICT: to restrict outgoing calls.

ALLOW: to allow outgoing calls.

3. in the process of working

#### **HOW TO RESTRICT YOUR PHONE**

#### RESTRICTING THE PHONE BOOK

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

- 1. in the process of working
- 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.

in the process of working

#### RESTRICTING LONG DISTANCE CALLS

1. in the process of working

2. Select the parameter by using the scroll keys.

RESTRICT: restricts long distance calls.

ALLOW: allows long distance calls.

3. in the process of working



M R 6

▶ ALLOW

SEL

MEMORY ONLY?

PREV

#### HOW TO RESTRICT YOUR PHONE

#### RESTRICT CALLS TO 999 NUMBERS

1. in the process of working

2. Select the parameter by using the scroll keys.

RESTRICT: restricts 900 service.

ALLOW: allows 900 service.

SEL PREV

3. in the process of working

#### HOW TO RESET YOUR PHONE

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

1. in the process of working

THE ST SETTING?

NO

SEL PREV

2. Select the parameter by using the scroll

keys. in the process of working

• If you select "YES" the

following screen is displayed,

and then the phone will be

automatically turned off.

The message "THIS PHONE"s RESTRICTED"

is

displayed on the screen.

## HOW TO CLEAR YOUR PHONE MEMORY

#### **CLEARING STORED PHONE NUMBERS**

This function clears all stored numbers.

- 1. in the process of working

  CLR PHONENO?

  NO

  NO

  MR © MR © MR © MR © MR © MR OF M
- Select the parameter (NO, YES) by using the scroll keys. in the process of working

#### **CLEARING SCHEDULE CONTENTS**

This function clears all schedule contents and reserved call information.

- 1. in the process of working

  RESET SCHEDULE?

  NO

  The default lock code is the last 4 digits of your phone number.
- Select the parameter (NO, YES) by using the scroll keys. in the process of working

#### MEMORY CLEARING FUNCTION

#### **CLEARING DIALED NUMBER IN CALL LOGS**

This function clears dialed number in call logs

- Select the parameter (NO, YES) by using the scroll keys. in the process of working

#### CLEARING AIR TIME IN HOME SERVICE AREA

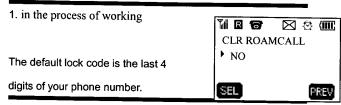
This function clears air time used in home service area

- Select the parameter (NO, YES) by using the scroll keys. in the process of working

#### MEMORY CLEARING FUNCTION

#### **CLEARING ROAM CALLS**

This function clears air time used in other service areas



2. Select the parameter (NO, YES) by

using the scroll keys. in the process of working

#### **CHAPTER 6**

#### **SUPPLEMENTARY FUNCTIONS**

- 1 .Melody Setup Function
- 2 .Optional Services

#### MELODY SETUP

#### WRITING MELODY

in the process of working

2.By pressing the  $[\cdot \cdot]$  selcet the melody title and enter a melody via

the key pad. Press [··] to store melody.

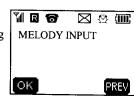
• If you select previously entered melody,

"OVERWRITE?" IS DISPLAYED.

By pressing the [SEND] , the previously entered melouy is prayed.

with musical note displayed on the screen.

- To end the melody, in the process of working
- You can edit previously entered melody.
- "Ondalsem" is default melody.



**MR 6** 

I R 8

WRITE MELODY?

▶ MY MELODY I

- 3. in the process of working
- Speed : Select the Parameter

(Moderato, Allegro, largo -- - - by using the scroll keys)



- 4. in the process of working
- Select the parameter you want.
- Entered melody is added to the ringer type list.



#### MELODY SETUP

#### TO ENTER MELODY

- When you press dial key 9, a quarter note is displayed.
- The dial keys 1, 2, 3, 4, 5, 6, 7, 8, 9, 0, correspond to musical notes do, re, mi, fa, sol, la, ti, do, respectively.
- Select the length of tone by pressing [ ⁴ \*] in sequence while the quarter note is displayed.
- When you press [# ト ], # sign is displayed under the musical note and it changes to a half note.
- To enter a pause, press [⁴\*] in sequence after pressing
- [··] and select the length of a pause.
- It is possible to move and edit musical notes by pressing volume keys [-]/-+].
- To add musical notes while you edit, hold [··] and enter he note.
- To delete the note, press […].
- ◆ Press[··] to play back the melody you've entered. Press [···] to stop.
- When you enter 11 notes, the screen moves to the next screen.
- You can enter up to 100 notes

#### **HEARING MELODY**

- 1. in the process of working
- 3. Select the melody title you want to hear, and The title of melody is displayed

and melody gets played.

- The melody gets replayed when pressing
- to stop the melody.
- If there is no entered melody,

"Ondalsem" will be played.



#### MÉLODY SETUP

#### MELODY SPEED

- 1. in the process of working
- 2.the select the melody title you want to change the speed
- 3. select the melody speed



4. select the music tempo



#### INPUT SCHEDULE

- 1. in the process of working
- 2. Select the date in calendar

[▲][▼]- 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, in the process of working



4. Input the time



#### SCHEDULE

#### VIEW SCHEDULE LIST

1. in the process of working



2. you can view the more details

about each item

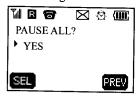


#### PAUSE ALL SCHEDULE

You can make all schedule puase temporarily.

- 1. in the process of working
- 2. Select the parameter (NO, YES) by

using the scroll keys. in the process of working



#### 36HGP-3100E User Manual

#### **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.

- 1. Receiving a Message
- 2. Checking Received Voice Mail Message
- 3. Checking the Received Text Message

#### RECEIVING A MESSAGE

#### DIRECT VIEW SET

1. When message is received, displays

the following message.

**[**▲**][**▼**] [**◆\***][**▶#**]** - display text

[··] - delete message

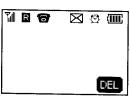


#### DIRECT VIEW RELEASE

1.When message is received, displays

the following message.

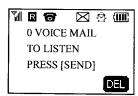
You can view the message in the sms menu



#### CHECKING RECEIVED MESSAGE

#### CHECKING RECEIVED VOICE MAIL MESSAGE

- 1. in the process of working
- 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].



#### CHECKING RECEIVED MESSAGE

#### CHECKING RECEIVED TEXT MESSAGE

- 1. in the process of working
- 2. To read new mail, in the process of working

Then press [··] and you can view the details.

To read stored mail, press

To erase stored mail, press





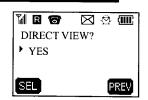


#### DIRECT VIEW

#### DIRECT VIEW SETTING

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

- 1. in the process of working
- 2. Select the parameter (NO, YES) by using the scroll keys.



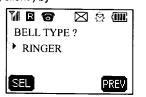
#### **BELL TYPE**

#### BELL TYPE SETTING

When text message is received, sounds selected bell.

- 1. in process of working
- 2. Select the parameter( ringer, vibrator, silent ) by

using the scroll keys.



#### **CHAPTER 8**

**SAFETY** 

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 wire-less 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 both 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 seri-ous personal injury and possible property damage.

40HGP-3100E User Manual

#### 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).

41HGP-3100E User Manual

## SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

#### ELECTRONIC DEVICES

#### Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if they are 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 post-ed 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.

## 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 articles, 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.

- DO NOT abuse the equipment. Avoid striking, shaking or shocking.When not using the unit, lay down the unit to avoid possible
- 3. DO NOT expose this equipment to rain or spilled beverages.

damage due to instability

- 4. DO NOT use unauthorized accessories
- 5. DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized audiovox cellular service center. If unit is disassembled, the risk of electric shock or fire may result.
- 6. DO NOT short-circuit the battery terminals by metal items etc

## 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).