Southwestern Bell
Freedom Phone®

2.4GHz / Digital Spread Spectrum
Cordless Telephone with Call Waiting Caller ID
and Digital Answering System

STOP...DON'T TAKE ME BACK TO THE STORE.
LOOK...FOR THE TOLL-FREE "HELP" TELEPHONE NUMBER.
LISTEN...AS THE EXPERTS TALK YOU THROUGH THE PROBLEM.

For immediate answers to your questions regarding operation,
missing parts or installation, call the

SOUTHWESTERN BELL FREEDOM PHONE®
RETAIL SALES HELP LINE AT:
1-800-366-0937
Monday - Friday 8:30a.m. - 9:00p.m EST
Saturday 8:30a.m. - 12:30p.m. EST
http://www.swbfreedomphone.com

SOUTHWESTERN BELL FREEDOM PHONE®
7475 N. Glen Harbor Blvd., Glendale, AZ 85307

GH2430   IB- 3720   **Printed in China**

GH2430 Owner's Manual
Toll Free Helpline 1-800-366-0937
http://www.swbfreedomphone.com

BEFORE USING YOUR TELEPHONE EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK AND INJURY TO PERSONS, INCLUDING THE FOLLOWING:

1. Read and understand all instructions.

2. Follow all warnings and instructions marked on the product.

3. Unplug this product from the wall telephone jack and power outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, laundry tub, swimming pool, or in a wet basement.

5. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage.

6. Slots or openings in the cabinet and the back and bottom are provided for ventilation, to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, or other similar surface. This product should never be placed near or over a radiator or heat register.

7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.

8. Do not allow anything to rest on the power cord. Do not place this product where the cord will be damaged by persons stepping on it.

9. Do not overload wall outlets and extension cords, as this can result in fire or electric shock.

10. Never push objects of any kind into this product through cabinet slots, as they may touch dangerous voltage points or short out parts. This could result in fire or electric shock. Never spill liquid of any kind on the product.

11. To reduce the risk of electric shock, do not disassemble this product. Instead, when service or repair work is required, take it to a qualified service technician. Opening or removing covers may expose you to dangerous voltages or other risk. Incorrect reassembly can cause electric shock when the appliance is subsequently used.

12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

   a. When the power supply cord or plug is damaged or frayed.

   b. If liquid has been spilled into the product.

   c. If the product has been exposed to rain or water.

   d. If the product does not operate normally, and proper operating instructions have been followed, adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

   e. If the product has been dropped or the cabinet has been damaged.

   f. If the product exhibits a distinct change in performance.

13. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

14. Do not use the telephone to report a gas leak in the vicinity of the leak.

SAFETY INSTRUCTIONS FOR BATTERIES

Safety Instructions for Batteries
Handset Battery Pack
CAUTION:

Use only a Southwestern Bell Freedom Phone® approved battery pack in the handset of your GH2415 Cordless Telephone. To reduce the risk of fire or injury, always do the following when replacing, discarding or charging batteries. When handling the batteries, be careful not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conducting material may overheat and cause burns.

Use only the following type and size of battery pack:

FOR HANDSET UNIT:
GP60AAS3BMX 3.6V 600mAh GPI INTERNATIONAL LIMITED.

CONTAINS NICKEL-CADMIUM BATTERY. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.

a. Do not dispose of the battery in a fire. The cell may explode.
   Check with local codes for possible special disposal instructions.
b. Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
c. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.
d. Charge the batteries provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
e. Observe proper polarity orientation between the battery(ies) and battery charger.
f. Do not mix old and new batteries in this product.
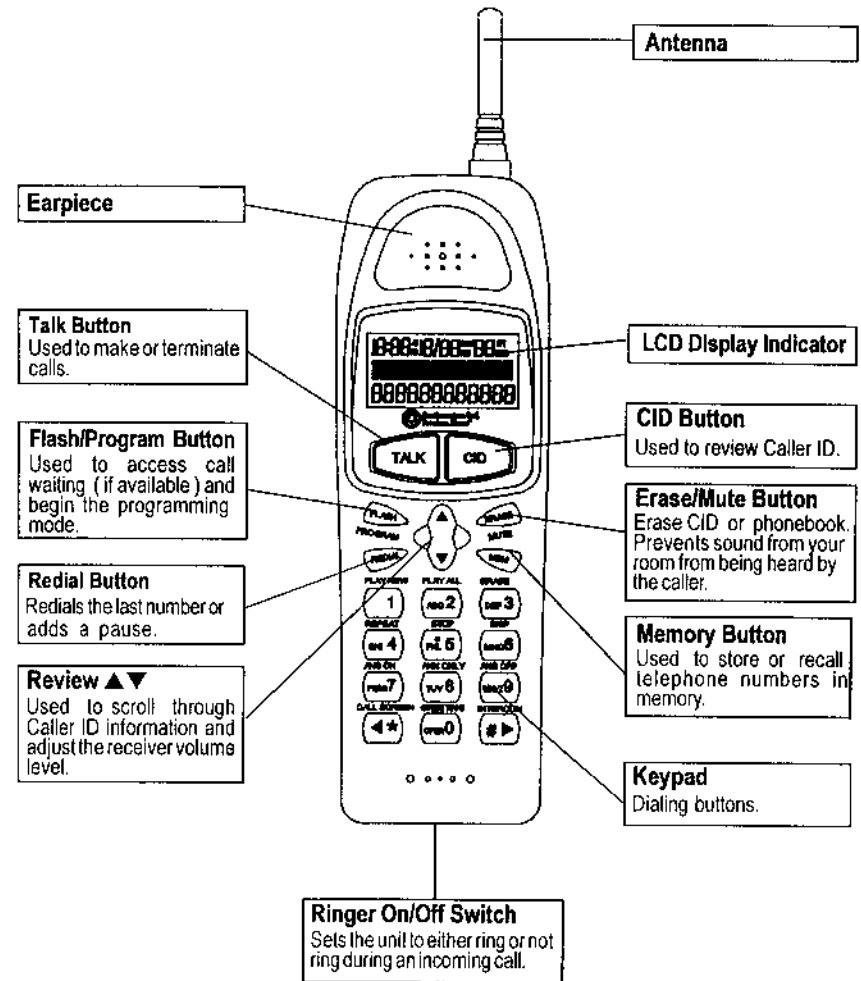g. Do not mix batteries of different sizes or from different manufacturers in this product.

The EPA certified RBRC* Battery Recycling Seal on the nickel-cadmium (Ni-Cd) battery indicates that Southwestern Bell Freedom Phone® Retail Sales is voluntarily participating in an industry program to collect and recycle these batteries at the end of their useful life, when taken out of service in the United States or Canada. The RBRC program provides a convenient alternative to placing used Ni-Cd batteries into the trash or the municipal waste stream, which may be illegal in your areas. Please call 1-800-8-BATTERY for information on Ni-Cd battery recycling and disposal bans / restrictions in your area. Southwestern Bell Freedom Phone® Retail Sales's involvement in this program is part of our commitment to preserving our environment and conserving our natural resources.

*RBRC® is a registered trademark of the Rechargeable Battery Recycling Corporation.

Save These Instructions

NAME OF CONTROLS AND INDICATIONS

Handset Controls, Indicators

Antenna

Earpiece

Talk Button
Used to make or terminate calls.

Flash/Program Button
Used to access call waiting (if available) and begin the programming mode.

Redial Button
Redials the last number or adds a pause.

Review ▲▼
Used to scroll through Caller ID information and adjust the receiver volume level.

LCD Display Indicator

CID Button
Used to review Caller ID.

Erase/Mute Button
Erase CID or phonebook. Prevents sound from your room from being heard by the caller.

Memory Button
Used to store or recall telephone numbers in memory.

Keypad
Dialing buttons.

Ringer On/Off Switch
Sets the unit to either ring or not ring during an incoming call.

FCC WANTS YOU TO KNOW

This equipment complies with Part 68 of the FCC rules. On the bottom of the base of this equipment is a label that contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

If your telephone equipment causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice isn't practical, you will be notified as soon as possible. You will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service. If you experience trouble with this telephone equipment, disconnect from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs.

This equipment is hearing aid compatible.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Some cordless telephones operate at frequencies that may cause interference to nearby TV's and VCR's. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

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ABOUT THE GH2430

The GH2430 is a 2.4GHz/Digital Spread Spectrum Cordless Phone with Call Waiting Caller ID and Digital Answering System. It is designed and engineered to exacting standards for reliability, long life, and outstanding performance.

FEATURES

- Caller ID (50 call data memory locations) with call waiting
- 40 Channels (auto selection)
- LCD on handset with 3-line backlit display
- 20-Number Two-Touch Dial Memory
- Direct dialing from caller list
- Extended battery life
- Digital security coding
- Digital answering System
- 14 Minutes recording time
- Voice time/day stamp

The GH2430 allows you to answer a call by just removing the Handset from the Base so you don't have to waste time pushing buttons or flipping switches. It also allows you to hang up by simply returning the handset to the Base. The Ultra Clear Plus™ true compander circuitry virtually eliminates background noise. This innovative technology, together with 40 different channels, provides you with the best possible reception during all your conversations. TO PROTECT YOU AGAINST MISBILLED CALLS, THE GH2430 HAS RANDOM CODE™ DIGITAL SECURITY WHICH AUTOMATICALLY SELECTS ONE OF OVER 65,000 DIGITAL SECURITY CODES FOR THE HANDSET AND BASE UNIT. ALSO, THE DIGITAL SECURITY SYSTEM FEATURE ELECTRONICALLY LOCKS YOUR PHONE WHEN THE HANDSET IS IN THE BASE. TO GET THE MOST FROM YOUR GH2430, PLEASE READ THIS OPERATING GUIDE THOROUGHLY.

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A. Avoid putting cordless phones near heating appliances and devices that generate electrical noise (motors, fluorescent lamps, etc.).

B. Avoid rough treatment of the phone by placing the handset gently into the base when hanging up. Avoid dropping the handset.

C. Clean your cordless telephone only with a soft cloth slightly dampened with water or mild hand soap. Do not use any type of solvent or abrasive cleaner. Before cleaning, always unplug the phone from the wall outlet.

D. Your cordless phone is not designed to be water resistant. Do not use the handset in the rain, in the pool or in the shower. Do not install your base unit outdoors, near a sink, bath tub or shower. Do not expose to direct sunlight.

E. Retain the original packaging should you need to ship the phone at a later date.

Additional Information

A. Connecting this telephone to a coin operated telephone or party line is prohibited by law.

B. If it is determined that your telephone is malfunctioning, the FCC requires that it be disconnected from the modular outlet until the problem has been corrected.

For immediate answers to all your questions regarding the operation of your Southwestern Bell Freedom Phone   call the Consumer Hotline, toll free at (800)366-0397, Monday-Friday 8:30 a.m. - 9:00 p.m., and Saturday 8:30 a.m. - 12:30 p.m. (EST).
http://www. swbfreedomphone.com.

Speed Dialing Numbers Index

LOCATION	NUMBER	LOCATION	NUMBER
01		11	
02		12	
03		13	
04		14	
05		15	
06		16	
07		17	
08		18	
09		19	
10		20	

SERVICE

According to FCC regulations, this equipment, which has been certified and registered by the FCC, may only be repaired by authorized persons. If repairs or adjustments are made by an unauthorized person, the FCC certification may be voided. Should you encounter any problems, please call the Southwestern Bell Freedom Phone® toll-free Customer Help Line for assistance: 1-800-366-0937, Monday - Friday between the hours of 8:30am -9:00pm (EST) and Saturday between the hours of 8:30am - 12:30pm (EST). You can also visit our website at http://www.swbfreedomphone.com.

FOR IN-WARRANTY SERVICE:
Package your complete unit (including all adapters, line cords, and other accessories) and ship the unit postage prepaid* and insured (for your protection) to:

SOUTHWESTERN BELL FREEDOM PHONE®
DEPT.: Warranty Repair
7475 N. Glen Harbor Blvd., Glendale, AZ 85307

Be sure to include your return address, proof of purchase, a daytime phone number, $9.50 for postage and handling*, and a brief explanation of your difficulties.
*NOTE: California residents need only provide proof of purchase and should call 1-800-366-0937 for shipping instructions.

FOR OUT-OF-WARRANTY SERVICE:
Call our toll-free Help Line for the price of a replacement before returning your unit. Please follow all instructions for In-Warranty service (above) to return your unit, and mark the package: DEPT.: Out-of-Warranty.

If you have called and know the cost of your replacement, please include this information with your unit for prompt service.

Questions?
STOP...DON'T TAKE ME BACK TO THE STORE.
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SOUTHWESTERN BELL FREEDOM PHONE® RETAIL SALES TOLL FREE HELP LINE
AT:
1-800-366-0937
http:// www. swbfreedomphone.com

GH2430 Operation Manual

1. LCD Display

General	-Dot Matrix: 12 character x 1 line -7 segment: 12 digits for phone number, 10 digit for call count -Pictograph: 7 patterns 18:88 AM 18/88 CALL 88 RPT PM NEW ⊘ 8 8 8 8 8 8 8 8 8 8 8 8
Pictograph display	AM: For hour display ___: flashing each 1 second to indicate the clock is running PM: For hour display NEW: This pictograph with two 7-segment displays will indicate number of new caller ID memories which has not been reviewed, or when a new individual CID is being displayed. CALL: This pictograph with two 7-segment displays will indicate number of total caller ID memories. RPT: This indicates that same call is received. ⊘: This indicates Low Battery condition.

2. Setup

Setup	-When handset is first powered up, 'Area Code?' is shown on LCD. Please refer to the section Program Mode for Area Code setting. AREA CODE? - - - -It will stay in setup mode until the area code has been set.

3. Standby Mode

Display	- When handset is powered up and area code is set, '---' is shown on LCD.

	``
	    --- 	
	``
	
	 - After new incoming calls were received, new call count & time is displayed at idle as below:
	
	``
	12:00^AM 12/25 NEW 2
	        --- 	
	``
	
	Ex.) 2 new calls were received
	 - NEW CALL LED will flash at the same time.
	
	 - If all new incoming calls are reviewed, total call count & time is displayed at idle as below:
	
	``
	12:30^AM 12/25 CALL 3
	        --- 	
	``
	
	Ex.) Total 3 calls are received and reviewed.

4. Incoming call display

Normal display	-When an incoming call is received, the phone number, the name of the calling party and date/time are displayed on the LCD ``` 12:30^AM 12/25 NEW 1 DAVE JOHNSON 123-456-7890 ``` "NEW 1" mean one new calls Time: 12:30AM Date: 12/25 -Note: It will return back to standby mode display after ring off about 10 seconds.
Repeat calls	-If same caller ID in the Caller list is received, LCD will also display the name and number with REP on. ``` 12:30^AM 12/25 NEW 1 RPT DAVE JOHNSON 123-456-7890 ``` -Repeat calls will not be newly stored in the memory and the total call number remain unchanged.

| Without CID | -When a call is received without Caller ID, one of below messages is displayed |
| | a)When the call came from an area without Caller ID service. |

b)When the Caller ID was not successfully received.
c)When the call was answered during he first ring.

```
┌─────────────────────────────┐
│          CALL  3            │
│   NO CALLER ID              │
│                             │
└─────────────────────────────┘
```

d)When the caller blocked the caller ID information(both name & number)

```
┌─────────────────────────────┐
│          CALL  3            │
│   BLOCKED                   │
│                             │
└─────────────────────────────┘
```

e)When the caller's name is received but not the phone number:

```
┌─────────────────────────────┐
│  12:30ᴬᴹ 12/25 ɴᴇᴡ 1       │
│  DAVE  JOHNSON              │
│                             │
└─────────────────────────────┘
```

f)When the caller's phone number is received but not the caller's name:

```
┌─────────────────────────────┐
│  12:30ᴬᴹ 12/25 ɴᴇᴡ 1       │
│  NO NAME                    │
│  1 2 3 - 4 5 6 - 7 8 9 0    │
└─────────────────────────────┘
```

-If only parts of phone number were received, those digits should still displayed.
-Only when Caller ID is properly received, the New call count will increment.

Call Waiting	-If second call is received during talk mode, the new caller information will be displayed on the LCD with backlit.

GARY SCOTT
123 - 4567

Ex.) When 2nd call was received

-Press FLASH/PRGM button to switch to 2nd call.

L 2
GARY SCOTT
123 - 4567

Ex.) Switch to 2nd call

-Press FLASH/PRGM button again to switch to 1st call.

L 1
JOHN SMITH
678-8888

-Note: After 10 seconds idle, LCD will show "TALK' with call duration count.

TALK   0:10

5. Caller ID List

Review New Call Records	-Press "CID" at idle (on or off cradle). It will display the oldest new call received. 12:30^{AM} 12/25 NEW 1 DAVE JOHNSON 123-456-7890 - Press ▲ or ▼ button to review next oldest record 12:30^{AM} 12/25 NEW 2 JACK THOMSON 135-7902 -Continue pressing ▲ or ▼ button to review all new call records in the order from oldest to newest. -After the final call has been displayed, the NEW CALL LED will stop blinking press ▲ or ▼ button again. the LCD will show "END NEW CALL". END NEW CALL -Note: If you do not review all new call , the new calls reviewed will become old calls. Then the LCD will show the update number of new calls. -Note: It make no difference whether you press ▲ or ▼
Review all call records	- Press "CID" at idle (on or off cradle). It will display the oldest call received. 12:30^{AM} 12/25 CALL 1 DAVE JOHNSON 123-456-7890 -Press ▼ button to display all records in the order from the oldest to newest oldest, or ▲ button from the newest to oldest . -After the last call record is reviewed, the LCD will show –END— -- END --

| Overflow digit display | -If the caller name is longer than 12 characters or the caller number is longer than 12 digits, '>' will appear as the last character of the second line. |

-For example, caller name is MARIE ANTOINETTE

```
12:30AM 12/25 CALL 3
MARIE  ANTON>
     234-5678
```

Ex.) Name is longer than 12 characters

-Press '#/>' to scroll right to view entire name

```
12:30AM 12/25 CALL 3
< ANTOINETTE
     234-5678
```

Ex.)other name is shown

-Press '*/<' to scroll left and go back to previous display

- Another example, caller number is 123456789012

```
12:30AM 12/25 CALL 3
DAVE  JONSON>
12-345-678-9
```

Ex.) Number is longer than 12 digits

-Press '#/>' to scroll right to view other number

```
12:30AM 12/25 CALL 3
<DAVE  JONSON
345-678-9012
```

Ex.)other number is shown

-Another example, both caller's name and number are long:

```
12:30AM 12/25 CALL 3
MARIE  ANTON>
12-345-678-9
```

Ex.) both name & number are too long

-Press '#/>' to scroll right to view other number

```
12:30AM 12/25 CALL 3
< ANTOINETTE
345-678-9012
```

Ex.) other name & number are shown

Caller ID Redial	-Press "CID" at idle (on or off cradle). -Press ▲ or ▼ button to select the Caller ID number to dial Press and release the REDIAL button. LCD will display 'DIALING' <table><tr><td>DIALING</td></tr></table> -Redial options a) 7 digits without a 1: If you have programmed your correct area code, redial your local call by pressing & releasing REDIAL button b) 7 digit with a 1: If you have programmed your correct area code, redial your local call by pressing & releasing REDIAL button TWICE within 2 second. c) 10 digits without a 1: In some areas of the country, one must include their area code when dialing a local call. Set the area code to 3 digit 'fictitious' area code. Then the phone will show all 10 digits for every incoming call. Redial your local call by pressing & releasing REDIAL button TWICE within 2 second. d) 10 digits with a 1: After scroll to the desired Long Distance 10 digits call, press & release the REDIAL button. '1' will be inserted before the area code if the area code is different from the area code the user originally programmed. If your area requires that you add 1 to your area code, even if the call is within the same area, you must program the area code to 3-digit 'fictitious' area code.
Erase a single call	1. Press 'CID' at idle (on or off cradle). Press ▲ or ▼ button to select the Caller ID number to be erased 2. Press MUTE/ERASE button to erase the call. The LCD will show 'ERASE?'. <table><tr><td>ERASE?</td></tr></table> 3. Press MUTE/ERASE button again. The record will be erased.
Erase all calls	1. Press 'CID' at idle (on or off cradle). Press ▲ or ▼ button to review Caller ID record before erasing all calls. 2. Press and hold the MUTE/ERASE button for 2 seconds. The LCD will show 'ERASE ALL?' <table><tr><td>ERASE ALL?</td></tr></table> 3. Press the MUTE/ERASE button again. All messages will be erased. Note: If there are messages that have not been reviewed, the 'Erase All Calls' function cannot be performed.

Storing to two-touch dial memory	1. Press 'CID' at idle (on or off cradle). Press ▲ or ▼ button to select the Caller ID number to be stored 2.Press MEM button. LCD display 'MEMORY LOC?' MEMORY LOC? - - 3. Enter 2 digit for memory location (i.e. 01 - 20 for memory location 1- 20). MEMORY LOC? 01 Ex.)Memory location 01 is entered Or press ▲ or ▼ button to search for desired location. 4. Press 'MEM' button to confirm. A confirmation tone will be heard. -Note: After memory store, the user can edit the name and phone number by pressing 'MEMORY' at idle and then select the record to start edit. See item Phone-Book: Edit Name and phone number.

Note : Press 'CID' button again to quit the Caller ID manipulation mode.
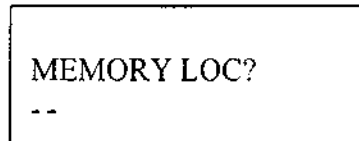
6. Program mode

Setting Area Code	-At idle, press and hold FLASH/PRGM button for 2 seconds to set Area Code. LCD will display 'AREA CODE?'. The first digit '-' is flashing. AREA CODE? - - - -Enter 3-digit for Area Code AREA CODE? 2 0 3 Ex.) Area Code is set to 203 -To correct wrong entry, press */ or #/ to move the flashing digit left or right for the desired digit. Then the user can type in a new digit in its place. -If finish, press FLASH/PRGM button again. LCD display 'SAVE' for about 3 seconds with a confirmation tone. SAVE Ex.)Area.Code is set -Note: default Area Code is 000
Setting ringer volume	-At idle, press and hold FLASH/PRGM button for 2 seconds. Press ▼ to set ringer volume. LCD will display 'RING VOL' with current setting. RING VOL v_ Ex,) volume setting is low -Press /# for high volume or /* for low volume RING VOL v v Ex,) volume setting is high -If finish, press FLASH/PRGM button again. LCD display 'SAVE' for about 3 seconds with a confirmation tone.

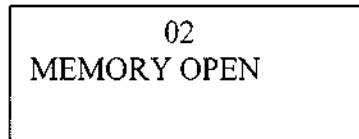| Setting ring type	-At idle, press and hold FLASH/PRGM button for 2 seconds. Press ▼ twice to set ringer type. LCD will display 'RING TYPE' with current setting flashing. RING TYPE 1 Ex.) '1' is flashing for user to change -Press /* or /# to change to lower or higher value. Allow range is from 1 to 4.. -If finish, press FLASH/PRGM button again. LCD display 'SAVE' for about 3 seconds with a confirmation tone.
Cancellation	- By the following operation, the programming mode will be cancelled and current memory data will remain unchanged. 1) Pressing the TALK button 2) Replacing the handset onto the cradle 3) There is no operation for more than 30 seconds. 4) During an incoming call 5) During base-paging

7. Phone-Book

Storing Name and phone number	-At idle, press MEM button (on or off cradle). LCD display 'MEMORY LOC?'

MEMORY LOC?
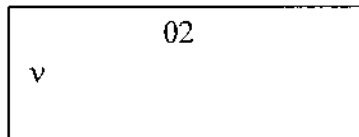- -

-Enter 2-digit for memory location.

02
MEMORY OPEN

Ex.)Location 02 is selected

-You can also press ▲ or ▼ to select another location
-If the record is not empty, the LCD will show the content (memory location, name & phone number)
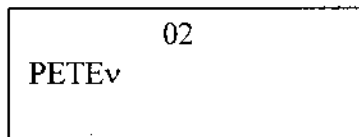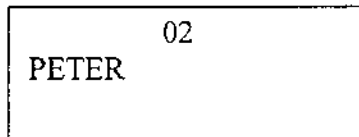-Press MEM button to store name.

02
ν

-Enter your name
-To correct wrong entry, press */< or #/> to move the flashing cursor left or right for the desired digit. Then the user can type in a new digit in its place.
-Press MUTE/ERASE to remove extra digit.
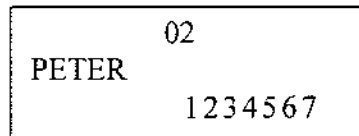
02
PETEν

-Press ▼ button to store number.

02
PETER

-Enter your number. Press REDIAL/P to insert a Pause. A 'P' will be displayed.
- To correct wrong entry, press */< or #/> to move the flashing digit left or right for the desired digit. Then the user can type in a new digit in its place.
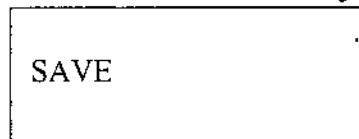Press MUTE/ERASE will remove extra digit.

02
PETER
        1234567

-Press ▲ button for name field or ▼ button for number field if needed.
-Press MEM button again. LCD display 'SAVE' for about 3 seconds with a confirmation tone.

SAVE

-Note: When storing a number, the user have to enter the '1' and area code for long distance call manually.
-To correct wrong entry, press */< or #/> to move the flashing digit left or right for the desired digit. Press MUTE/ERASE to erase the select digit. Then the user can type in a new digit in its place.

Edit Name and phone number	-At idle, press MEM button(on or off cradle) . LCD display 'MEMORY LOC?'

```
┌─────────────────────────────┐
│                             │
│   MEMORY LOC?               │
│   - -                       │
│                             │
└─────────────────────────────┘
```

-Enter location number or use ▲ or ▼ button until desired name and phone number is found.

```
┌─────────────────────────────┐
│            02               │
│   PETER                     │
│       1234567               │
└─────────────────────────────┘
```

    Ex.)Edit memory location 2

-Press MEM button to edit name. The first character will be flashing.

```
┌─────────────────────────────┐
│            02               │
│   vETER                     │
│       1234567               │
└─────────────────────────────┘
```

-Enter new character or press MUTE/ERASE to remove extra character.
- Press */< or #/> to move the flashing cursor left or right for the desired character. Then the user can type in a new digit in its place.

```
┌─────────────────────────────┐
│            02               │
│   PEGGY CHAv                │
│       1234567               │
└─────────────────────────────┘
```
    Ex.) Name is modified

-Press ▼ button to edit number. The first digit will be flashing.

```
┌─────────────────────────────┐
│            02               │
│   PEGGY CHAN                │
│       1234567               │
└─────────────────────────────┘
```

-Enter new number or press MUTE/ERASE to remove extra digit.
-    Press */< or #/> to move the flashing digit left or right for the desired digit. Then the user can type in a new digit in its place.

```
┌─────────────────────────────┐
│            02               │
│   PEGGY CHAN                │
│       12345689              │
└─────────────────────────────┘
```

    Ex.)Number is modified

-Press ▲ button for name field or ▼ button for number field if needed.
-Press MEM button again. LCD display 'SAVE' for about 3 seconds with a confirmation tone.

Viewing and dialing from the dial memory	-At idle, press MEM button (on or off cradle). LCD display 'MEMORY LOC?' MEMORY LOC? - - -Enter location number or use ▲ or ▼ button until desired name and phone number is found. -Press REDIAL button to connect the telephone and dial the number. The LCD will display the phone number, and then display "TALK". After 10 seconds, the call duration counter will also displayed. TALK 0:10
Deleting the dial memory	-At idle, press MEM button (on or off cradle). LCD display 'MEMORY LOC?' MEMORY LOC? - - -Enter location number or use ▲ or ▼ button until desired name and phone number is found. -Press MUTE/ERASE button to erase this record. The LCD will show 'ERASE?'. ERASE? -Press MUTE/ERASE button again. The record will be erased. MEMORY OPEN
Viewing long names and phone number	-If the name is longer than 12 characters or the number is longer than 12 digits, '>' will appear as the last character of the second line. -Press '#/>' to scroll right to view entire name and phone number -Press '*/<' to scroll left to return

Dial at talk	-At Talk mode, press MEM button (on or off cradle). LCD display 'MEMORY LOC?'
	MEMORY LOC? - -
	-Enter 2-digit for memory location, or press ▲ or ▼ to select next location.
	02 PETER 1234567
	Ex.)Location 02 is selected
	- Press REDIAL button, the number will be dialed out. The LCD will display the phone number, and then display "TALK". After 10 seconds, the call duration counter will also displayed.
	TALK 0:10

8. Character list for name entry

Number of key strokes	Button No.1	ABC No.2	DEF No. 3 .	GHI No. 4	JKL No.5	MNO No.6	PQRS No.7	TUV No.8	WXYZ No.9	No.0
Once	-(hyphen)	A	D	G	J	M	P	T	W	Space
Twice	.(period)	B	E	H	K	N	Q	U	X	0
3times	,(comma)	C	F	I	L	O	R	V	Y	null
4times	1	2	3	4	5	6	S	8	Z	null
5times	Null	null	null	null	null	null	7	null	9	null

9. LCD Back Light

LCD back lit condition	1. While receiving an incoming call (during ringing) 2. For 10 seconds, when the handset is picked up from the cradle. 3. For 10 seconds, when any button is pressed in the programming mode. Caller ID review mode or stored number review mode. 4. For 10 seconds, when any button is pressed in any mode other than those listed above. 5. LCD backlight goes off 10 seconds after the talk mode is terminated by pressing the TALK button, or immediately after the handset is placed in the base.

9. Talk mode

Talk button	-Pressing this button(on or off cradle) will switch the unit from standby to talk mode and from talk mode to standby
Talk mode	-When connection is completed, the LCD will display "TALK" and dial tone can be heard from the remote unit receiver. After 10 seconds, the call duration counter will also be displayed.

Auto talk mode	-While an incoming call is received, the handset will automatically go into the talk mode by picking it up from the base cradle. -This will be effective for about 10 seconds after the last ring -Talk button will be inactive for 3 seconds after off-hook
Auto standby mode	-The handset will automatically go back to the standby mode from the talk mode when replaced onto the base cradle.
Talk indicator	-The IN_USE LED on base set flashed during the talk mode. -This LED flashed at a faster rate when an incoming call is received.

10. Dialing

Dial buttons	-"1" through "9", "*", "0" and "#"
Dialing	-During the pulse dial or tone dial mode, a key tone can be heard -During the tone dial mode, DTMF tone can be heard from the receiver -DTMF signal will be sent out while the key is pressed . The minimum DTMF duration is 100ms -If a dial key is held down, a constant DTMF is generated.
Temporary Tone (*)	PULSE (rotary) service users may access touch-tone features needed to operate answering machines or use electronic banking, calling cards, etc., by pressing the TONE(*) button. Phone will automatically return to pulse dialing after the call ends.

Display	-Dialed numbers are displayed when any dial button is pressed, which includes manual dial, Redial and Two touch memory dial. -Entered number will appear from the right end of the bottom line as below. Ex.) 1234567 1) press first number '1' in the talk mode <pre>TALK</pre><pre> 1</pre> 2) press second number '2' <pre>TALK</pre><pre> 1 2</pre> 3) press remaining numbers <pre>TALK</pre><pre> 1 2 3 4 5 6 7</pre> \<Pause\> -By pressing the REDIAL button between the dialing digits, 2 seconds pause can be inserted. The number of pause is not limited. -The "P" is displayed when a pause is inserted. -If over 12 digits are dialed, the numbers will shift left. The new digit will be on the most right position. <pre>TALK</pre><pre>1 2 3 4 5 6 7 8 9 0 1 2</pre> Ex.) 12 number is entered <pre>TALK</pre><pre>2 3 4 5 6 7 8 9 0 1 2 3</pre> Ex.) Press the thirteenth number 3

11. Flash function

Flash	-This function is used to activate central office services such as call waiting -FLASH/PGM button will function as Flash during Talk mode. -By pressing the FLASH/PGM button, the connection will be interrupted. -Flash time: 700ms

12. Mute function

Mute	-During a call, press ERASE/MUTE to mute the microphone. The LCD will show "MUTE" MUTE 0:10 -Press again to return to normal function. TALK 0:10

13. Redial

General	-The last dialed numbers will be stored in the redial memory -The first press of REDIAL button in the talk mode will function as Redial -Maximum number of digits: 32 digits
Storing	-The last dialed numbers including any chain will be stored. -The numbers dialed by redial will also be stored, and manually added numbers will be stored. -If over 32 digits are dialed, only the first 32 digits will be stored.
Dialing	-Pressing REDIAL button in the talk mode will dial out the redial number as well as calling the number on the LCD. -Manually added dial number or memory dial will be dialed after the redial number

14. Adjusting the Earpiece Volume

Earpiece volume	-During a call, the ear-piece volume can be increased by pressing ▲ button or decrease by pressing ▼ button. There are four level: Low, Medium, Normal & High. VOLUME v___ Ex) Low volume VOLUME vvvv Ex.) High volume