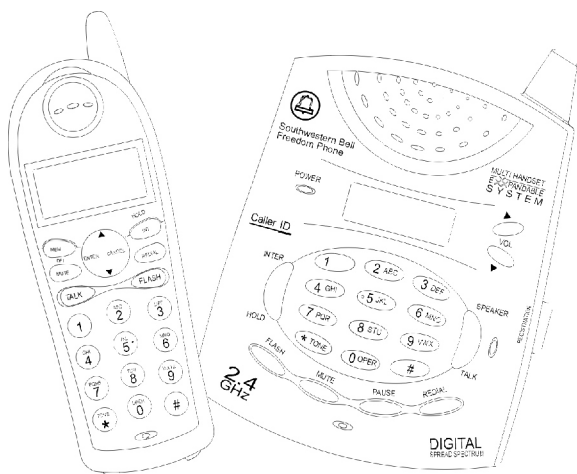**Southwestern Bell**
Freedom Phone®

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

GH4010 Owner's Manual
Toll Free Help line 1-800-366-0937
http://www.swbfreedomphone.com

CONTENTS

IMPORTANT SAFETY INSTRUCTIONS

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 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, or laundry tub, in a wet basement, or near a swimming pool.

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

6. Slots and openings in the cabinet and the back or 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 the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.

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 locate this product where the cord will be damaged by persons walking on it.

9. Do not overload wall outlets extension cords, as this can result in the risk of 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 that could result in a risk of fire or electric shock. Never spill liquid of any kind on this product.

11.To reduce the risk of electric shock, do not disassemble this product. Instead, when some repair work is required, take the unit to a qualified technician. Opening or removing covers may expose you to dangerous voltages or other risks. 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 by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because 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 cabinet has be damaged.

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

13.Avoid using telephone(other than a cordless type) during an electrical storm. There may be a remote risk of electrical 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 GH4010 Cordless Telephone. To reduce the risk of fire or injury, always do the following when replacing, discarding or charging batter, When handling the batteries, be careful not to short the battery with conducting materials such as rings, bracelets, and keys. The Battery ro conducting material may overheat and cause burns. Use only the following type and size of battery pack:

FOR HANDSET UNIT:

GP60AAASH3BMX 3.6V 600mAh GPI INTERNATIONAL LIMITED

 CONTAINS NICKEL-METAL
HYDRIDE 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-Metal Hydride(Ni-MH) battery indicates 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-MH batteries into the trash or the municipal waste stream, which may be illegal in your area. Please call 1-800-8-BATTERY for information on Ni-MH battery recycling and disposal bans/restrictions in your area. Southwestern Bell Freedom phone Retail Sales involvement in this program is part of our commitment to preserving our environment and conserving our natural resources.

*RBRC ® is registered trademark of the Rechargeable Battery Recycling Corporation.
Save These Instructions

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 a mong other information, the FCC Registration Number, Ringer Equivalence Number (REN) and the Universal Service Order Code (USOC), which is RJ-l IC, 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 you telephone number is called. In most, but not all areas, the sum of the R E Ns 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 R E N 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 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 may not be used on coin service provided by the telephone com pa n y 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 again sth armful interference in a residential in stall at ion 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 cord less 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.

This device complies with Part 15 of the FCC Rules. Operation is subject to the folllowing two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received,

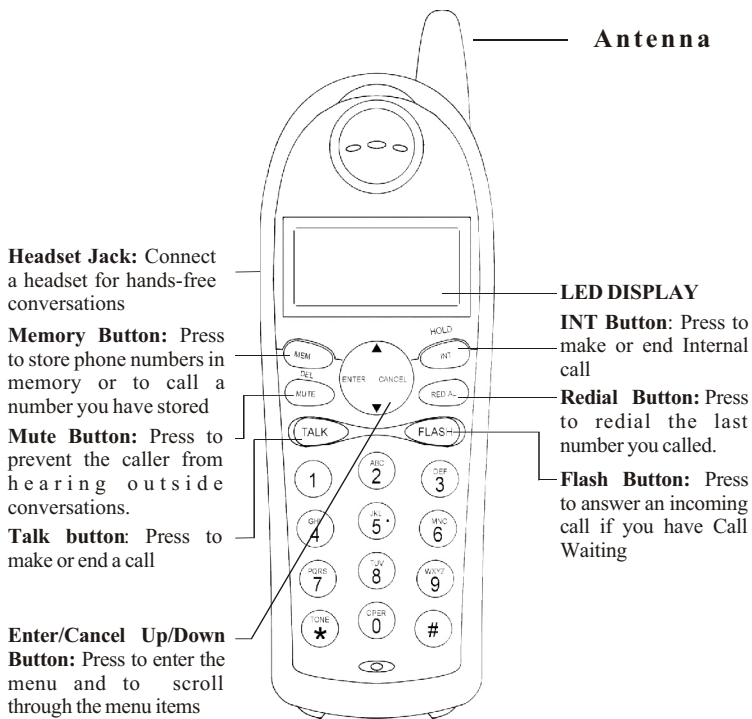including interference that may cause undesired operation.

Privacy of communications may not be ensured when using this phone.

The following information will be included in the user manual.
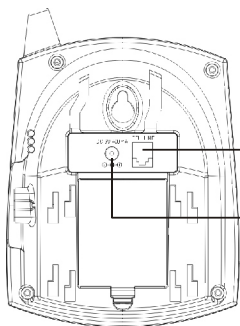
CAUTION: To maintain compliance with the FCC's RF exposure guidelines place the base unit at least 5 cm from nearby persons.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the belt clip supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

HANDSET CONTROLS, INDICATORS

Antenna

Headset Jack: Connect a headset for hands-free conversations

Memory Button: Press to store phone numbers in memory or to call a number you have stored

Mute Button: Press to prevent the caller from hearing outside conversations.

Talk button: Press to make or end a call

Enter/Cancel Up/Down Button: Press to enter the menu and to scroll through the menu items

HOLD

MEM

DEL
MUTE

ENTER CANCEL

TALK

INT

REDIAL

FLASH

LED DISPLAY

INT Button: Press to make or end Internal call

Redial Button: Press to redial the last number you called.

Flash Button: Press to answer an incoming call if you have Call Waiting

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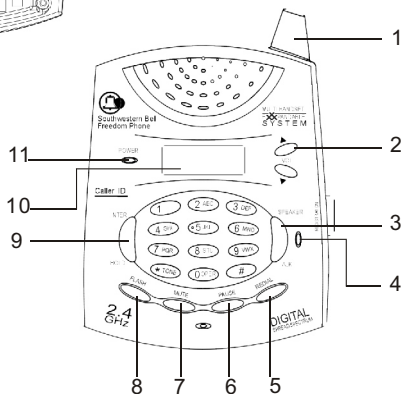# BASE UNIT CONTROLS AND INDICATORS

Telephone Line Jack
Connect the telephone line cord here.

DC INPUT 9V 600mA Jack
Connect the AC adaptor cord here.

1.Antenna
2.Volume Buttons
Adjusts the volume level of the message being played back
3.Talk/Speaker button
Press to make or end a call
4.In Use LED
Flashes when the handset is in Talk mode and when an incoming call is received.
5.Redial Button
Press to redial the last number you called.
6.Pause Button

Press to insert a 2-second pause into the speed dialing of telephone numbers
7.Mute Button
Press to prevent the caller from hearing outside conversations.
8.Flash Button
Press to answer an incoming call if you have Call Waiting
9.INT Button
Press to make or end Internal call
10.LED DISPLAY
11.Power LED

INTRODUCTION

ABOUT THE GH4010

The GH4010 is a 2.4GHz/Digital Spread Spectrum Dual Keypad Cordless Telephone With Caller ID, Call Waiting and Multiple Handset Capability It is designed and engineered to exacting standards for reliability, long life, and outstanding performance.

FEATURES
- Caller ID (40 Name and Number) with call waiting
- 95 Channels (auto selection)
- LCD dispcay (3-Line for Handset, 2-Line for base)
- 10 Memories store in Base and share to all Handset
- Speakerphone on Base with LED and LCD Indications
- Mual Key pad and direct dialing from caller list
- Digital security coding
- Intercom Base with Handset and Handset with Handset
- Back light display

The GH4010 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 com pander circuitry virtually eliminates background noise. This innovative technology. together with 95 different channels, provides you with the best possible reception during al you conversations.

INTRODUCTION

Box Contents

- Base unit
- Handset with rechargeable battery
- Owner's manual
- Memory card
- Telephone line cord

- AC adaptor with cord
- Wall mounting bracket
- Quick reference guide
- Registration card
- Remote access card

NOTE:

a. Keep the shipping carton and packaging, in case you need to transport your phone.

b. If any of these items are missing or damaged, contact your place of purchase.

Preliminary Preparation
Telephone Line Installation

1.Never install telephone jacks during a lightning storm.

2.Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

3.Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

4.Use caution when installing or modifying telephone lines.

Modular Outlet

The GH4000 cordless telephone requires a modular phone jack(RJ11) and a standard 110/120 volt out let. The handset is powered by a rechargeable battery pack. Batteries are charged automatically when the handset is placed in the cradle of the base unit.
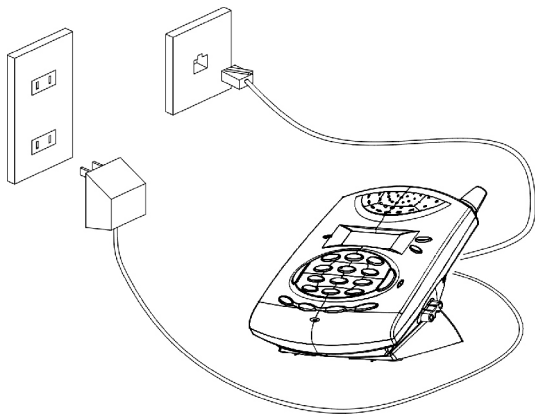
INSTALLATION

Desk or Table Installation

1. Plug the AC adaptor cord into the 9V DC input jack on the back of the Base unit.
2. Plug one end of the long telephone cord into the TEL LINE jack on the back of the Base unit.
3. Raise the antenna on the Base unit.
4. Plug the other end of the long telephone cord into the telephone wall jack.
5. Plug the AC adaptor into a standard 120V AC wall outlet.
NOTE: Use only with the AC adaptor supplied with GH4010.
6. The message counter will display "--" for a few seconds and will then show the message count.

Place the telephone and power cords where they will not create a trip hazard, or where they could become chafed and create a fire or other electrical hazards.

(Use only with class 2 power source 9V 600mA)

INSTALLATION

Wall Mounting

The GH4010 may be mounted on a wall phone plate or onto two screws (not included) that you fasten to the wall. For either type of installation, complete the following steps first.
1. In case of using the standard wall plate, this step is not necessary. Place the Wall bracket on the wall and mark the location of the screws holes. Install the screws, leaving 3/16" extending out from the wall. Use anchors to secure screws.
2. To connect the Wall Mount bracket, align the bracket with the slots on the base until it is securely in place.
3. Insert the AC adaptor into the back of the unit.
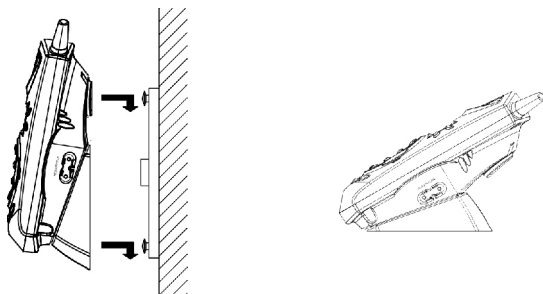
4. Plug one end of the short telephone line cord into the TEL LINE jack on the Base unit.
5. Thread the adaptor cord and telephone cord through the grooves in the bracket. The cord   will exit from the bottom.
        DO NOT CONNECT THE AC ADAPTOR TO THE WALL POWER OUTLET YET.
6. Plug the other end of the line cord into the wall jack.
7. Mount the base on the wall plate studs and press until the unit locks in place.
8. Plug the AC adaptor into a standard 120V AC wall outlet.
9. The message counter will display "--" for a few seconds and will the show the message   count.

INSTALLATION

Handset Battery Charging:

The battery pack in the handset must be fully charged for about 10-14 hours before using the telephone. After connecting to AC power, leave the handset unused in the cradle for ten to fourteen hours. Later, it will take less time for the battery to recharge. The CHARGE LED on the base will be lit and the handset will display "CHARGING" when the handset is in the cradle. When you remove the

NOTE: a. When the battery gets low, the Battery Low In dicator will turn on. b. If the battery becomes low while you are on a call, you will be disconnected after about 30 seconds. Terminate the call quickly, and put the handset in the base to recharge the battery. c. The battery will hold its charge for several days out of the cradle, depending on use. NOTE: The handset will not ring when the ringer is in the "OFF" position. If the handset is out of the cradle, it will display "RING" during an incoming call.
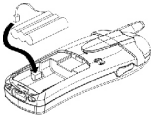
To Replace Batteries:
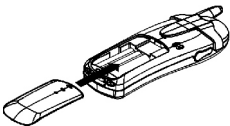
1. Remove battery cover.
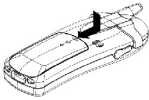
2. Remove old battery.

3. Plug the cord of the battery pack into the handset   and place the battery in the case.

4. Slide battery cover until it clicks in place. Charge 10-14 hours before first use.

To maximize your battery's life, we recommend that you periodically fully discharge the battery, and then recharge it. To do this, unplug your phone line cord from the wall phone jack. Press the TALK button, and allow the handset to remain on for 10 to 12 hours. Reconnect the phone cord to the wall phone jack. Return the handset to the base and allow it to fully charge for 12 hours. If this process is completed monthly, it will reduce the memory buildup that occurs from frequent partial charging.

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AUTO REGISTRATION

When the handset is placed in the base station, the handset transmits a registration packet to the base station via the charger terminals. The base station enables registration and broadcasts registration data via the air interface. Handset locks to this base station and registration is complete.

When a new handset transmits a registration packet to a base station, the base station checks how many handsets have been already registered. In case 4 handsets are already registered, the

base station starts to search the handsets. If it can locate all, then the 5th handset can't be registered, and the registration is blocked. In case a handset that already is registered is out of range, or for other reasons does not reply to the search and notification request, it will be de-registered and the registration procedure for the new handset is initiated.

The handset registration procedure must be completed within the time-out limit of 45 seconds.

The second handset cannot be registered during an ongoing registration procedure.

In case of heavy air interference, e.g. when many 2.4GHz products are active in the same area, registration duration may be longer since registration consists of data transfer, that in contrast to audio, has to be error free.

The way to de-register a handset and register it to another base

station is to switch off the base station and place the handset in another base station. After switching off the base station, the handset is no more locked to this base station and can be registered to another base. When the handset is placed in the other base station, a new registration will take place and the old registration doesn't exist any more. Notice; de-registration is not a normal user operation.
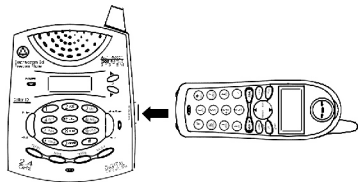
CALL MANAGEMENT

This section describes how to:
1. Answer an incoming external call (from the PSTN line)
2. Answer an internal call (intercom)
3. Make an external outgoing call
4. Make an internal call
5. Forward an incoming external call to the other handset
6. Setup a conference call (with the other handset and an external party)
7. Redial (last number called)
8. Perform a Page call
9. Use the Flash function (also denoted Register Recall)

Idle State

The idle state reflect the situation where the handset is registered and inside range of the base station, not engaged in an ongoing call and not in programming mode.
1. The idle state is indicated by a "READY"-message in the display.
2. If the handset is not registered, "NOT REGISTERED" and "PLACE IN BASE" will be displayed.

Incoming Call

The same procedure applies to all incoming calls, i.e. external and internal (intercom and conference call).

Incoming Call Base station

1. External call without caller ID.
2. If the central office sends the caller ID information, the calling number will be displayed.
3. If the calling number matches a number in the Mem, the name associated with this number is also shown.

Incoming Call - Handset

1. If auto answer is disabled, an incoming call is accepted by removing the handset from the base or
2. the charger, and pressing TALK or any numerical key (0 to 9), * or # key. If auto answer is enabled, the incoming call is accepted by removing the handset from the charger.
3. The call is terminated by pressing TALK Or placing the handset in the charger.

Display presentation during incoming call sign a ling

At the event of an incoming call, depending on the type of call, the following information is shown on the display.
1. External call without caller ID.
2. Internal call (intercom): (from h s1).
3. Example where no Name is assigned to calling handset.
4. Example where Name is assigned to calling handset.
5. Call back (forwarded call was not answered).
6. Base call.
7. If the central office sends the caller ID information, it is shown in the display instead of 'external call' or 'call back'. The caller ID either shows the calling number alone.

CALL MANAGEMENT

The caller ID information may be blocked. The handset will display calls with blocked name/numbers as indicated below.
1. Private number ("P"):
2. Out of area number ("O").
3. Private name ("P").
4. Out of area name ("O").
If both name and number is blocked, the display presentation is determined by the number absence code.
1. Private number ("P").
2. Out of area number ("O").
Display presentation during an ongoing call
1. When the call is accepted, the presentation changes state depending on the type of call. The different presentations are.
1. Call without caller ID.
2. Call with caller ID (number only).
3. In case the caller ID number is blocked (and no name), the incoming call is shows as.
4. Call with caller ID (number and name or an associated number in the Mem).
5. Internal call.
6. Example where no Name is assigned to calling handset
7. Example where Internal handset name is assigned to calling handset Conference (3-party call).
Key entries during an external call or conference call will replace the number/name in the second line, and the digits are left-truncated in case the number-entry exceeds 16 digits. Key presses made during an internal call are not shown on the display.

Display presentation after call termination When the call is terminated, the in-call presentation is maintained for 5 seconds before the phone returns to idle presentation. This post call presentation is interrupted in the event of a key press or an incoming call.

External Outgoing Call

External Outgoing Call - Base station
1. An external outgoing call is initiated by pressing the SPK. PHONE button connects to the PSTN line giving dial tone in the speaker.
2. Base LCD display Dial phone number on the numerical keyboard.
3. An external call is terminated by pressing the SPK. PHONE key.

External Outgoing Call - Handset

Pre-dial
It's allowed to set up a call in pre-dial mode. The procedure is.
1. Enter number. In pre-dial mode the number is entered in the first line. In case the number exceeds 16 digits, it continues in the second line. A dial pause of 3 seconds is inserted by pressing the REDIAL key and it is indicated by the character "P". The pause can't be used as the first character, since as the first character it would be

CALL MANAGEMENT

treated as a REDIAL command. A
Flash cannot be generated in pre-
dial mode.
2.Check if the number is correct.
The last digit is deleted by pressing
DELETE. The entire number is
cleared with a long DELETE key
press.
3.TALK (the phone calls the
entered number)

Post-dial

Setting up an external outgoing call
in a post-dial mode is made by.
1.TALK after which the time starts
running and 'External call' text is
shown in the display.
2.Enter the number, which replaces
the 'External call' text in the
display.
3.The display shows the digits of
the number as they are entered. The
first digit is entered in the left-hand
side of the second line. In case the
number exceeds 16 digits, the
number is left-shifted in the second
line.

Terminating an external
outgoing call - Handset.

1.Regardless whether the call was
set-up by pre-dial or post-dial, an
external outgoing call is
terminated by pressing TALK Or
placing the handset in the charger.
2.After terminating an external call,
the time stops running and 'Ended'
text is shown in the first
line of the display. The handset
returns to idle presentation after
TBD seconds.

3.The base station automatically
goes on-hook, if the handset
connection is lost, e.g. out of range,
for 5 seconds.

Internal Call

Internal Call - Basestation

1.Press INTERCOM key followed
by handset number '1'-'4' to page
specific handset or INTERCOM
key followed by '*'-key to page all
handsets.
2.The call is terminated by
Pressing the SPK. PHONE key.

Internal Call - Handset

An internal call is made by
pressing INT key, followed by
handset/base number ('0'-'4') after
which the time starts running and
'Internal call' text is shown in the
display.
It is also possible to select the
called handset from a dial list,
which appears after pressing the
INT key. UP/DOWN key scroll
through the list and the selected
handset is called by pressing the
TALK or ENTER key.
1. Press INT.
2.Example where Name isn't
assigned on the receiving handset.
3.Example where internal handset
name is assigned on the receiving
handset.
4.Example where internal call to
basestation   speaker phone is
selected.
5.Example where global internal

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CALL MANAGEMENT

call should be performed to all handsets ('*'-call) Then pressing TALK, ENTER key.
6. Example where Name isn't assigned on the receiving handset.
The call is performed and the conversation counter starts counting The handset numbers can also be accessed directly by pressing the INT key followed by '1'-'4'
or '*' key.
7. The call is terminated by pressing:
TALK Or placing the handset in the charger After terminating an internal call, the display looks the same as in 5.1.3.2.3.

Call Toggling

Call Toggling - Basestation
If the base is engaged in an external connection, it is possible to put the external call on hold and establish an internal call by pressing the INTERCOM key.

Call Toggling - Handset
If a portable is engaged in an external connection, it is possible to put the external call on hold and establish an internal call .
1. Pressing INT key puts call on hold and shows new internal selection.
2. Use up/down keys to scroll through list of registered handsets.
3. Selecting internal #1 by pressing TALK, ENTER or '1'.

4. The 'H' in the right hand side of the second line indicates having the external call on hold.
5. It is possible to toggle between an internal call and external call by pressing the INT key. The 'H' is displayed also, when the internal call is put on hold.

Call Transfer/Forward

Call Transfer/Forward - Basestation
An incoming call can be transferred or forwarded to a handset during an ongoing call. The difference is that, when the call is transferred, the first handset waits for the other to answer before closing its connection, but when the call is forwarded, the first handset closes its connection immediately.

The call is transferred by pressing the.
1. INTERCOM key (the external call is put on hold)
2. Select local handset number in menu '1'-'4', '*'
3. Wait for the handset to answer, then pressing SPK. PHONE to transfer.

The call is forwarded by pressing the.
1. INTERCOM key (external call is put on hold).
2. Select local handset number in menu '1'-'4', '*'.

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3. Press SPK. PHONE without waiting for the answer.

Call Transfer/Forward - Handset

An incoming call can be transferred or forwarded to the other handset during an ongoing call. The difference is that, when the call is transferred, the first handset waits for the other to answer before closing its connection, but when the call is forwarded, the first handset closes its connection immediately.

The call is transferred by pressing the

1. INT key (the external call is put on hold).
2. Select local handset number in menu.
3. TALK, or placing the handset in the charger after the other handset has answered.

The call is forwarded by pressing the.

1. INT key (external call is put on hold).
2. Select local handset number in menu.
3. TALK, or placing the handset in the charger without waiting for the answer.

Call Back

Call Back - Basestation

1.After call forwarding a call back is generated in the forwarding handset if the forwarded call is not answered within a timeout of 30 seconds.
2.If the returned call isn't answered within 20 seconds, the phone automatically goes on hook.

Call Back - Handset

1.After call forwarding a call back is generated in the forwarding handset if the forwarded call is not answered within a timeout of 30 seconds. If there is no CID information available 'Call back' is shown in the display; otherwise normal CID information is shown.
2.If the returned call isn't answered within 20 seconds, the phone automatically goes on hook.

Conference

It is possible to establish a conference between the base, one handset and the external line or two handsets and the external line.

Only the first portable connected to the external line is allowed to transmit DTMF digits to the line. If digit keys are pressed on the second portable, they are blocked in the base station.

Conference Establishment - Basestation

1.If a handset has a connection to the external line, and the base hooks off (Pressing the SPK. PHONE key), a conference is immediately established.

CALL MANAGEMENT

2.If the base has an active connection (internal or external) and another connection on hold, it is possible to establish a conference by long-pressing the INTERCOM key (for more than 1 sec)

3.Pressing the SPK. PHONE key stops the conference. The connection continues between the remaining handset and the external party.

Conference Establishment - Handset

1.If the base or another portable has a connection to the external line, and another portable hooks off, a conference is immediately established. Also REDIAL is treated as a hook off in this case.

2.Only the first portable connected to the external line is allowed to transmit DTMF digits to the line. If digit keys are pressed on the second portable, they are blocked in the base station.

3.If a portable has an active connection (internal or external) and another connection on hold, it is possible to establish a conference by pressing a long INT key.

4.The conference is stopped if the TALK key is pressed on either portable.

5.The connection continues between the remaining portable and the external party.

Call Waiting

Call waiting on intercom - Basestation

1.If the base and a handset are engaged in an internal connection and an external incoming call arrives, the users are notified about this by a beep in the earpiece. The identity of the caller is presented in the display in the same way as a normal external call. The waiting call can be answered by pressing the SPK. PHONE key. The internal connection is disconnected automatically.

2.It is possible to disconnect the internal connection without answering the waiting call by a long INTERCOM key press.

Call waiting on intercom - Handset

1.If the portables are engaged in an internal connection and an external incoming call arrives, the users are notified about this by a beep in the earpiece. The identity of the caller is presented in the display in the same way as a normal external call. The waiting call can be answered by pressing the TALK key on either portable. The internal connection is disconnected automatically. If the waiting call is not answered, the display presentation will return back to normal ongoing call presentation after 15 seconds.

CALL MANAGEMENT

2.It is possible to disconnect the internal connection without answering the waiting call by a long INT key press.

Call waiting on second external call - Basestation

1.The user may connect to a second external call by switching in the CO. The user is notified about this by an alert in the speaker. The waiting call can be answered by pressing the FLASH key.

2.Notice, this feature and the call switching procedure may be operator dependent.

Call waiting on second external call - Handset

1.The user may connect to a second external call by switching in the CO. The user is notified about this by an alert in the speaker.

2.The waiting call can be answered by pressing the FLASH key. FLASH clears the second line in the display. If the waiting call is not answered, the display presentation will return back to normal ongoing call presentation after 15 seconds.

Redial

The last external called number is redialed by pressing REDIAL key in the idle state (Redial to 24 digits max.). REDIAL number of each handset is independent of each other.

Flash

During an ongoing call, a flash is generated on the line when pressing FLASH key.(Press Flash key during in use mode will not reset the Timer).

Microphone Mute
Mute - Basestation

1.It is possible to mute the microphone during a conversation by pressing the MUTE key. The microphone is un-muted by pressing the MUTE key again.

2.In case the external line is muted, when establishing an internal connection, the line is un-muted automatically after the internal call is terminated.

3.The line is also un-muted after a flash (register recall).

Mute - Handset

1.It is possible to mute the microphone during a conversation by pressing the DELETE/MUTE key. The microphone is un-muted by pressing the DELETE/MUTE key again.

2.In case the external line is muted, when establishing an internal connection, the line is un-muted automatically after the internal call is terminated.

3.The line is also un-muted after a flash (register recall) or after a call is ended.

4.A text message in the display indicates the mute status.

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CALL MANAGEMENT

Page Call

1. The page call function is used as an aid to locate the handsets.
2. Paging of all handsets is done by making internal call to all handsets (INTERCOM, handset number '#')
3. It can be done from both Base and Handsets. (Press Speaker Phone key to stop paging from Base.
4. Press Talk key to stop paging from Handset.)

BASESTATION PROGRAMMING

Audio Volume

1.By pressing UP/DOWN keys while in conversation, the audio volume is changed.
2.The changed volume is remembered at the next call.

Ring Volume

1.By pressing UP/DOWN keys while in standby, the Ring Volume is changed.
2.While changing the volume, the current ringer tone is played in the speaker at the new volume.

Ring pattern

1.Pressing the FLASH key while in standby, the External ring pattern is changed.2.Pressing the MUTE key 2.while in standby, the internal ring pattern is changed.
3.While changing the ring pattern, the new ringer melody is played in the speaker at default ring volume.

HANDSET MENU AND PROGRAMMING

The menu key functions are.
1.Press ENTER key to enter the menu.
2.Use the UP/DOWN keys to scroll through the menu items. By pressing DOWN at the last menu item scrolls the menu to the first, and by pressing UP at the first menu item scrolls to the last item. The UP/DOWN keys include auto repeat when held down.
3.Press CANCEL to step back one level in the menu (returns to idle when being in the first level of the menu).
4.Press ENTER to choose the menu item shown in the first line of the display.
5.Enter setting/level number. Key click is played only after a valid setting/level number.
6.Confirm setting/level by pressing the ENTER key. The handset automatically returns to the previous menu level.

Call log

All incoming calls with valid caller ID number are stored in a call log. A maximum of 40 caller ID can be stored. The call log Memory is stored on the base so all the handsets shares the same call log. Name and time/date information is also stored in the call log if the central office sends it out.
1.The number of entries stored in the call log is indicated in idle mode.
2.The number of unanswered calls (new), if any, is indicated.

3.The new call indication is removed when the call log has been reviewed.
4.The call log is entered via the menu, as described below or by pressing the DOWN key in idle (quick access key) whereby the handset jumps directly to the call log.

The call log is reviewed as follows.

1. ENTER, to enter the menu.
2. ENTER, to enter the Call log sub-menu.
3. The caller name is shown in the first line of the display, and the number in the second line. If time and date information is contained in the CID and there are three lines in the display, it is shown in the third line. The name contained in the received CID is replaced by the name in the Mem, if the Mem contains a matching number, i.e. the Mem name takes precedence.
4. Scroll through the call log entries using DOWN and UP keys.

Mem

General Description

1.The handsets share a common Mem, which is stored in the base station. This means that entries inserted by one handset are available for other handsets, and if one deletes a Mem entry, it will disappear from all handsets. A maximum of 10 Mem entries can be

Key	Character versus key press numbers								
		2	3	4	5	6	7	8	9
1	*space*	1							
2	A	B	C	2	a	b	c		
3	D	E	F	3	d	e	f		
4	G	H	I	4	g	h	i		
5	J	K	L	5	j	k	k		
6	M	N	O	6	m	n	o		
7	P	Q	R	S	7	p	q	r	s
8	T	U	V	8	t	u	v		
9	W	X	Y	Z	9	w	x	y	z
0	0								
*	*	?	!	/	(	)			
#	#	'	,	-	.	&			

saved.

2.It is possible to abort an initiated Mem operation by double-clicking the TALK key

3.The Mem entries are sorted and presented to the user in alphabetical order.

Characters

Names are entered using the numerical keys. Characters are generated by multiple key presses, see the table 1.2 . The cursor moves to the next position if another numerical key is pressed or by pressing the UP key. The last entered character is deleted by pressing DELETE or DOWN. The entire name is cleared with a long DELETE key press.

Mem operation

A number can be recalled and dialed from the Mem by pressing

1. Press MEM in idle, or scroll through the sub-menu with the UP/DOWN keys and press ENTER with "MEM RECALL" in the first line.

2.Scroll through the Mem entries using DOWN or UP keys or enter first character of the searched name and continue searching using the scroll keys.

3.TALK to dial the number.

A Mem entry is edited by pressing

1.Press MEM in idle, or scroll through the sub-menu with the UP/DOWN keys and press ENTER with "MEM RECALL" in the first line.

2.Scroll through the Mem entries using DOWN or UP keys or enter first character of the searched name and continue the search using the scroll keys.

3. Press ENTER, to enter number edit mode and enter correct number. Press DELETE to erase a digit. A long DELETE key press erases the whole number.

4.Press ENTER to confirm number and enter name edit mode.

5.Press DELETE or DOWN to

erase right most character. A long DELETE key press erases the whole name.

6.Press ENTER to confirm change. The phone returns to Mem recall state.

A Mem entry is deleted by pressing

1. Press MEM in idle, or scroll through the sub-menu with the UP/DOWN keys and press ENTER with "MEM RECALL" in the first line.

2.Scroll through the Mem entries using DOWN or UP keys or enter first character of the searched name and continue the search using the scroll keys.

3. Press DELETE, to delete entry. The phone returns to Mem recall state.

New entries are entered into the Mem by pressing

1. Press MEM in idle, or scroll through the sub-menu with the UP/DOWN keys and press ENTER with "MEM STORE" in the first line.

2) Enter the number (up to 24 digits). In case the number exceeds 16 digits, the number is left truncated and the last entered 16 digits are shown. Numbers without any digits are not accepted. If more than 24 digits are entered, the extra keys will be ignored.

3.Press ENTER 4.Enter the associated name. A name has to be entered, otherwise an audible alert is given and the phone stays in the 'Store name' display.

5. Press ENTER

6.If the Mem is full when the user tries to store a new number in it, a message 'Mem full' is displayed and the phone returns to the Mem menu (Store/Recall) after 5 sec.

Audio Volume

Audio volume is adjusted by the following key sequence

1. ENTER

2.Press the DOWN key two times.

3.ENTER, to enter the volume sub-menu.

4.Enter volume 0..7, or adjust using DOWN/UP keys.

5.ENTER, to confirm the setting.

Ring Volume

The ring volume is adjusted by the following key sequence

1.ENTER

2.Press the DOWN key three times.

3.ENTER, to enter the ring volume sub-menu.

4.Enter volume 0..6, or adjust using DOWN/UP keys. The current ring tone/melody is played once at the selected new volume.

5.ENTER, to confirm the setting.

Ring pattern

The ring pattern of an external/internal incoming call is changed by the following key sequence:

1.ENTER

2.Press the DOWN key four times.

3.ENTER, to enter the ring pattern sub-menu.

HANDSET MENU AND PROGRAMMING

4.Press the UP/DOWN keys followed by the ENTER key to choose either external or internal ring pattern setting.
5. Enter setting 0..9 *) , or adjust using DOWN/UP keys. The selected ring pattern is played in the fixed volume level in the buzzer.
6.ENTER, to confirm the setting.

Auto Answer
The auto answer feature may be configured using the menu.
1. ENTER.
2.Press the DOWN key five times.
3.ENTER, to enter the auto answer sub-menu.
4.Enable auto answer by pressing 1 or UP, or disable auto answer by pressing the 0 or DOWN key The display shows the actual setting, i.e. auto answer is activated with the display text "ON".
5.ENTER, to confirm the setting.

Key Click
When the key click option is enabled any key press generates a key click sound in the buzzer, except when the keypad is locked. The key click option is configured by pressing.
1.ENTER
2.Press the DOWN key six times.
3.ENTER, to enter the key click sub-menu.
4.Enable key click by pressing 1 or UP, or disable key click by pressing the 0 or DOWN key.
5.ENTER, to confirm the setting.

Key lock

Locking the keypad
It is possible to lock the handset keypad. The key lock function is set/reset by.
1.ENTER.
2) Press the DOWN key seven times.
3) ENTER, to enter the key lock sub-menu.
4) Enable key lock by pressing 1 or UP, or disable key lock by pressing the 0 or DOWN key.
5) ENTER, to confirm the setting. If ON was selected, the phone locks the keypad and returns to idle. A "key locked" status is shown in the display during idle.

Unlocking the keypad
1.Presentation when the keypad is locked.
2.While keys are locked, pressing any key, a help message is shown:
3.The message will time out after 5 seconds.
4.To unlock the keypad press the key sequence '1','5','9'.
5.It is still possible to dial an emergency call when the keypad is locked by pressing first TALK and then the emergency number (000,110,112,119,911,999). Only post-dial is possible in this case. Key lock is disabled after an emergency call.

TROUBLESHOOTING

If your GH4010 is not performing to your expectations, please try these simple steps:

Problem	*Suggestion*
Charge light won't come on when handset is placed in base unit.	• Make sure the AC Adapter is plugged into the base unit and wall outlet. • Make sure the wall outlet is functioning. • Make sure the handset is properly seated in the base unit. • Make sure the rechargeable battery pack is properly placed in the handset. • Make sure that the charging contacts on the handset and on the base unit are clean.
No dial tone.	• Charge the handset for 10 hours before initial use. • Place the handset back into cradle for 5 seconds. • Make sure the handset is fully charged. The CHARGE LED should light when the handset is in the cradle.
Can't make outgoing calls.	• Make sure the Tone/Pulse switch is set to the correct setting. If set to the Tone mode, switch to Pulse. You may have pulse dia ling service.
Handset doesn't ring.	• Make sure the Ringer On/Off switch on the side of the handset is set to the "On" position. • Rechargeable battery pack may be weak or not fully charged. Charge the battery pack for 4-5 hours. • Make sure the base antenna is in the upright position. The handset may be too far away from the base unit. • Make sure the AC adaptor is plugged into the base unit and wall outlet • Make sure the wall out lot is functioning. • There may be too many telephones installed on the same line. Contact your local telephone company to determine the maximum number of extensions for your calling areas.

TROUBLESHOOTING

Problem	Suggestion
Caller's voice is too low.	• Set the ▲ button on the handset to a higher level.
Conversation is interrupted frequently. *Or* *Static noise is present during conversation.*	• Move closer to the base. • Make sure the base antenna is in the upright position.
Handset does not display any Caller ID messages.	• Check with your local telephone company to make sure Call Waiting Caller ID service is being provided on your telephone line. • If you pick up the telephone before the first complete ring,the caller infrmation will not be completely received. • See suggestions in the "Handset does not ring"section.
Unit is not receiving Call Waiting Caller ID calls.	• Make sure you have subscribed to Call Waiting,Caller ID,and Call Waiting Caller ID service from your local telephone company. • The Caller ID data may have been affected by temporary noise or line conditions.In these cases,you may see the incorrect information on the display,such as NO CALLERID,BLOCKED.a blank screen, only the telephone number, or only the name.
Telephone numbers are not dia led correctly from the caller list.	• Make sure you have set your local area code. • Make sure the displayed telephone number reflects the correct dialing situation(i.e"1" before area code).

TROUBLESHOOTING

Problem	Suggestion
Answering system will not operate.	• Proceed with a unit reset(page 31).
No answer.	• Check to verify message counter is lit. Press ANSWER ON/OFF control to turn unit on. • Make sure the AC adaptor is commected to the wall outlet and back of unit. • Check to see if electrical outletis controlled by a light switch and powerison. Wall outlet may not be functioning; try connecting to a different wall outlet. • Make sure the telephone line is connected into the wall jack and back of unit. Telephone wall jack may not be functioning; try connecting unit into a different telephone wall jack.
No incoming message. recorded.	• Check to verify message counter is lit with the message number displayed. If not (or if the display shows"A"),press ANSWER ON/OFF control to turn unit on. • Make sure the AC adaptor is connected to the wall outlet and back of unit. • Check to see if electrical outlet is controlled by a light switch and power is on. • Make sure the telephone line is connected into the wall jack and back of unit.

TROUBLESHOOTING

Problem	Suggestion
No remote operation.	• Check to verify message counter is lit with the message number displayed. • Make sure the AC adaptor is connected to the wall outlet and back of unit. • Check to see if electrical outlet is controlled by a light switch and power is on. • Make sure the telephone line is connected into the wall jack and back of unit. • 3 digit remote security code mustbe entered within 10 seconds of the beep at the end of your outgoing greeting. Press and hold each digit for 2 seconds,allowing aminimum of 2 seconds between digits. • Check that you are entering the correct security code.Press and hold teh FLASH/ PROGRAM button,and then press the "▼" three times,and the current security code will display on the handset.
The machine beeps during the recording of my outgoing greeting.	• Record a shorter outgoing greeting (between 2 and 60 seconds).
The machine is cutting off incoming messages.	• Maximum recording time for incoming message is 60 seconds. • Caller must speak continuously without any long pauses.

PRODUCT CARE

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 instal 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 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)366-0937, Monday-Friday 8:30 a.m.-9:30 p.m., and Saturday 8:30 a.m.-12:30 p.m.(EST).
http:/www.swbfreedomphone.com.

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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 PREEDOM 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 you unit. Please follow all instructions for In-Warranty service (above) to return your unit, and mark the package: DEPT.: 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.

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 TOLL FREE HELP LINE

AT:

1-800-366-0937

http://www.swbfreedomphone.com

LIMITED WARRANTY

This **South western Bell Freedom Phone** is warranted to the original purchaser to be free from defects in material and workmanship under normal installation, use and service for a period on of one (1) year from the date of purchase as shown on the purchaser's receipt.

The obligation of **Southwestern Bell Freedom Phone Retail Sale** under this warranty shall be limited to repair or replacement (at our option) during the warranty period of any part which proves defective in material or workmanship under normal installation, use, and service, provided the product is returned to **Southwestern Bell Freedom Phone Retail Sale** TRANSPORTATION CHARGES PREPAID (California residents call 1-800-366-0937 for shipping instructions).If we choose to replace your **Southwestern Bell Freedom Phone** product, the replacement will be warranted for either (a) 90 days or (b) the remainder of the original one year warranty period, whichever is longer. Battery packs are warranted for the same time period. Products returned to us must be accompanied by a copy of the purchase receipt. In the absence of such purchase receipt, the warranty period shall be one(1)year from the date of manufacture. To obtain service under this warranty, eturn the defective product to the service center nearest you together with your sales slip and $ 9.50 for postage and handling (California residents need only provide proof of purchase).

This warranty shall be invalid if the product is damaged as a result of defacement, misuse, abuse, neglect, accident, destruction, or alternation of the serial number, improper electrical voltages or currents, repair alternation or maintenance by any person or party other than our own service facility or an authorized Service Center, or any violation of instructions furnished by us. This warranty is also rendered invalid if this product is remove d from the country in which it was purchased, if it is used in a country which it is not registered for use, or if it is used in a country for which it was not designed. Due to variations in telephone systems and communications laws, this product may be illegal for use in some countries. **Southwestern Bell Freedom Phone Retail Sale** assumes no responsibility for damages or penalties incurred resulting from the use of this product in a manner or location other that from which it is intended. This one-year limited warranty is in lieu of all other express warranties, obligations, or liabilities. ANY IMPLIED WARRANTIES, OBLIGATIONS, OR LIABILITIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE ONE-YEAR DURATION OF THIS WRITTEN LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. IN NO EVE NT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WHATSOEVER.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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

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Saturday 8:30 a.m. - 12:30 p.m. EST
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